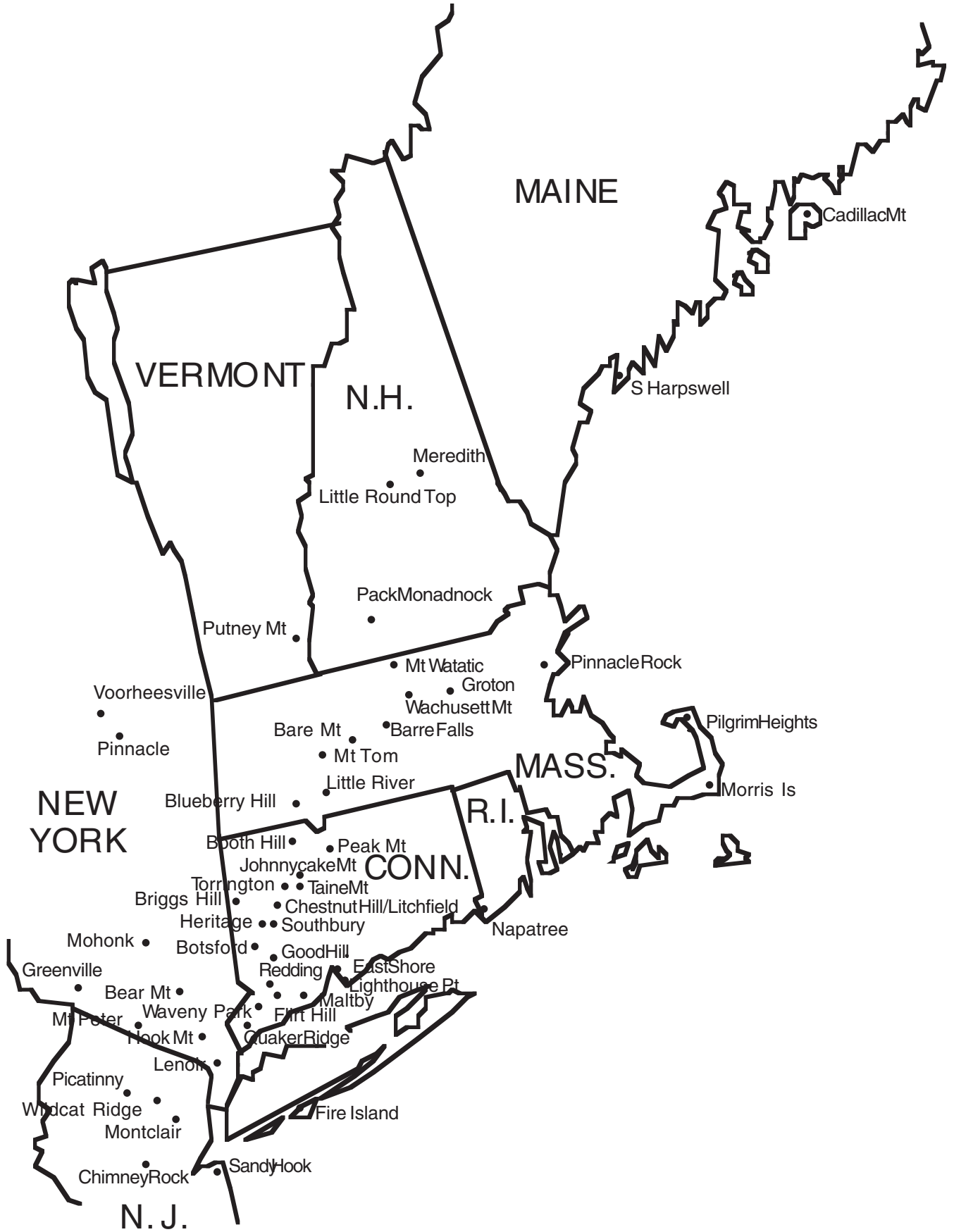




2004 HAWK MIGRATION



NORTHEAST HAWKWATCH SITES



NORTHEAST HAWKWATCH REPORT

The North East Hawk Watch promotes the systematic study of migrating hawks in New England, eastern 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: Gerald Mersereau ,P.O. Box 321 Tarriffville CT 06081. Other officers: Paul Roberts, President - 254 Arlington St. Medford, MA 02155; Robert DeCandido, Vice President, 1831 Fowler Ave., Bronx, NY 10462-3708; Seth Kellogg, Clerk - 377 Loomis St. Southwick, MA 01077

-----IMPORTANT-----

All daily reports of counts should be reported promptly online through a service offered by the Hawk Migration Association of North America. The address for this raptor reporting program is www.hawkcount.org. The system is designed to reduce the reporting time and effort of volunteer counters while at the same time insuring that, once recorded, data are secure, uniformly formatted, and accessible according to a clearly stated and structured data use policy. Participating in Hawkcount requires setting up an account on the hawkcount.org site. To do so, visit www.hawkcount.org and click the 'Account Request' link. Your contact information and site details will be authenticated and an account created. To receive daily reports from all sites using the hawkcount program, subscribe to BIRDHAWK, which can be done by visiting the HMANA homepage at www.hmana.org, and following the instructions there.

If you are unable to use this online reporting system, single day (hourly) white report forms and seasonal summaries of daily 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.

NORTHEAST HAWKWATCH REPORT EDITOR

Seth Kellogg, 377 Loomis St., Southwick, MA 01077;
skhawk@comcast.net

STATE COORDINATORS

NEW JERSEY/NEW YORK - Drew Panko, Dunham Road, Hartsdale, NY 10530; dpanko@pipeline.com
CONNECTICUT - Neil Currie - 10 Mt Laurel Road, Sandy Hook CT -6482; neilcurrie@snet.net
VERMONT & WESTERN MASSACHUSETTS - Seth Kellogg, 377 Loomis Street, Southwick, MA 01077; skhawk@comcast.net
EASTERN MASS/RHODE ISLAND - Paul Roberts, 254 Arlington St, Medford, MA 02155; phawk@world.std.com
MAINE/NEW HAMPSHIRE - Sue Fogleman, 34 Meadow Lane, Campton NH 03223; fogleman@cyberportal.net

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.

To support the work of the Hawk Migration Association of North America and receive the journal, [Hawk Migration Studies](#), send a check for \$25 covering dues for one year to the Membership Secretary: Mark Blauer, 164 1/2 Washington St, Carbondale, PA 18047

THE 2004 SPRING MIGRATION

COVERAGE AND SITE ACCOUNTS

Of the eight watches run in 2004, four were full time, two were half time and two part time. Coverage at a new site in Maine, Bradbury Mt located north of Portland near the coast, was a huge success.

Lets start with that report from **Bradbury Mt**, for it underscores what is happening to spring hawkwatching in the east. The casual watches have dropped out and now serious students of the migration are attempting to give these birds the effort they deserve. We know pretty much where and when they are going, and now we have to do the gut work of documenting how many from year to year. That takes time and perseverance on the watch. In its first year this site posted a 12.5 per hour figure for migrants besides vultures and Broadwings, better than Hook Mt. Such numbers are not why we do this, but they show that extensive spring coverage is a worthwhile endeavor in many places throughout our region.

Sandy Hook has had full coverage since 1977 except for the years 1995-98. They had a record count of Turkey Vultures and Bald Eagles, an improved count of Northern Harrier, Red-shouldered and Red-tailed Hawk, and Merlin. Two staple species, the Sharp-shinned Hawk and American Kestrel, suffered abysmal counts which were the lowest on record. The Cooper's Hawk had a decent year, but Osprey still is muddling along at a low level. Eight Mississippi Kites spiced up the flight considerably.

The hours of coverage dropped back to average, but most species did pretty well at **Montclair**. The glaring exception was Broad-winged Hawk, which simply did not show up. Accipiters did well, the Cooper's Hawk nearly matching its record high count. The American Kestrel improved from a disappointing 2003. The Osprey total was low. The bright spot was a record flight of Northern Harriers, more than doubling the previous year's number.

At **Wildcat Ridge** productivity has remained steady despite the drop in hours of coverage. Since the poor year in 2002, hawks per hour have climbed back to near average, led by accipiters in 2004. Odd is the scarcity of Turkey Vultures, perhaps due to a change in counting protocol. Broadwings took a deep hit In 2004, but Harriers were plentiful after two poor years.

Coverage has been limited since 1996 at **Hook Mt**, but there is always something to hawk about (no crows here) at this premier and neglected eastern site. This time every species but Broadwing, Turkey Vulture and Bald Eagle made a good showing.

In its third year of nearly full time coverage **Barre Falls** had record counts of Osprey, Sharpshin, Redtail, Kestrel, and Merlin. Broadwings were low, but not bad considering how poor a year it was everywhere.

Blueberry Hill did not match its hourly coverage of 2003, but still

managed record totals of Osprey, Harrier, Cooper's Hawk, Redtail, Redshoulder, and Kestrel, plus three Golden eagles for the second spring in a row.

Pilgrim Heights garnered highest honors for coverage that started in February and nudged into June. Six Mississippi Kites was one of their rewards, but the overall flight was enough in itself. Every species seemed to be in good supply, with special noD to Turkey Vulture and Osprey. Four Goshawks and 7 Roughlegs also topped the cake.

SPECIES ACCOUNTS

It was the poorest spring ever for **Broad-winged Hawk**, setting a new low for per-hour rate, and was only 730 birds above the record low set in 1996. The per-hour rate was 44.2% below the ten-year average. This *buteo* still comprised 26.4% of all migrants.

The **Osprey** increased dramatically for the second straight year, and was only a hair below the record set in 1993. The count was almost double the total of 2002. Per-hour it was 38.6% above the ten-year average. We recorded the same number of **Bald Eagles** as we did in 2003, still 41.6% below the absolute record set in 2000. The per-hour rate was 16.7% above the ten-year average. The **Northern Harrier** had its best year since 1989 in absolute terms. It was 71% above the previous year and 33% above the ten-year average.

The accipiters accounted for 25% of the total flight compared to 32% in 1987. **Sharp-shinned Hawk** numbers have been fairly stable for the last five years and per-hour were 10.3% above the ten-year average. The **Cooper's Hawk** finally took a sharp upward turn in 2004, setting a new record for absolute numbers and reaching a level per-hour that was 68.4% above even the ten-year average. The ratio of Sharp-shinned Hawk to Cooper's Hawk was 4.7 to 1 in 2004.

The **American Kestrel** improved over 2003's dismal showing, but not enough to calm any fears. It was still 37.7% below the ten-year average per-hour. The **Merlin** shows promise as an increasing species, but it is not breaking any number barriers. It improved over 2003 by 8.8% in absolute terms, and per-hour it was 28.7% above the ten-year average. The ration of American Kestrel to Merlin was 3.4:1. The **Peregrine Falcon** is probably more of an oceanic migrant in the spring than in the fall. Five more birds than 2003 put it a little above average per-hour compared to the last ten years. All falcons combined were 13.2% of the total migrants, while in 2001 the percent of falcons was 18%.

There was little change in the **Red-shouldered Hawk** flight, inching a bit above the previous two years per-hour, but still a little below average. The **Red-tailed Hawk** staged an excellent spring, the best in absolute numbers since 1996. That level was 18.2% above the ten-year average per-hour. The Red-tailed Hawk to Red-shouldered Hawk ratio was a whopping 4.7 to 1.

There were 123 more **Turkey Vultures** recorded than in the previous high year, 2001. This was 13.6% of all migrants. The per-hour rate was 36% above the ten-year average. The number and rate of **Black Vultures** has changed very little since we started recording them in 1994. Four other species totalled 49 birds, but included an impressive 14 **Mississippi Kites**.

FLIGHT ACCOUNT

Rain was again a major determining factor in the Spring 2004 flight. The migration was late starting and often interrupted, but there seemed to be no big pushes in between. Instead the flight was steady, prolonged, and apparently dispersed.

Despite dry weather most of February, the keyword was cold again well into March. Only 174 migrants crept past watches from February 17 through March 13, 99 of them Redtails and Turkey Vultures. That figures to slightly more than 1.4 birds per hour.

On March 14, two inland sites in Massachusetts counted 12 Redshoulders and 44 Redtails, but it was not the start of any big push. It was not until March 23 that double digit Redtails were noted again. Until then the only migration worthy of the name flight were four days of modest Turkey Vulture numbers at Montclair. Even with those two Redtail counts, migrants averaged 2.4 per hour through March 22. Of the 396 birds recorded, 35% were Turkey Vultures, 24% were Redtails, 18% were accipiters, and 8% were Redshoulders.

The pace did not especially pick up in late March and early April. March 23 to April 5 there were 589 hours of watching for 1567 migrants. That was not quite 2.7 birds per-hour. The highest daily count for Redtail was 17, the highest for Sharpshin was 14, for Cooper's Hawk 11, and for Kestrel 21. Turkey Vultures accounted for 36.4% of the total, highlighted by Montclair's 76 on March 28.

A storm lingered over the Maritimes and kept winds northwest and brisk April 6-7, but the skies were finally clear and temperatures were mild enough for birds to stream past coastal or near coast sites. A fast moving front interrupted the flight on April 8, but movement resumed the next day. Sandy Hook and Montclair reaped the benefit while others were lucky to stay on site without being blown away. From April 6-10 1704 birds were counted in only 173 hours of watching, a rate of 9.85 per-hour. Best days were at Montclair and Sandy Hook on April 7, and Montclair and Sandy Hook again on April 10. Even Pilgrim Heights got into the act a bit on April 7 and 10. The high Osprey count was 34, far inland at Barre Falls, showing how well these birds can handle strong winds. The next four days clouds and rain moved in for a prolonged stay.

While all that rain was soaking the east, a huge high pressure center was slowly sinking southward through the Great Plains. As the storm pulled away on April 15 the high moved east along the Gulf Coast, and by the 17th was just off the Carolina coast. A warm front pushed up through the east behind it as the next cold front stalled over the Great Lakes and the high behind it moved straight east through central Ontario and Quebec. Temperatures soared into the 90s on the 17th, dropped a bit on the 18th as the front stretched west to east right over us, then soared again as the front reversed and headed back north on the 19th. It amounted to only 30 watch days and 199 hours, producing 3704 migrants, or 18.6 per hour and 28% of the seasonal flight. This included 383 Ospreys, 905 accipiters, 1137 Broad-winged Hawks, 222 Red-tailed Hawks, 651 falcons, and 95 Northern Harriers.

The new front on April 20 was moving east and did not push very far south before reversing into a warm front headed north. Before it did, migrants kept struggling north into the northwest winds, but in reduced numbers. Numbers were lower the next day as the clouds moved in ahead of the rain preceding the warm front. The rain broke up as the front slowly inched past us on the

22nd, giving us another fair day of flying on southwest winds. Bradbury got the last of the concentrated part of the flight, 102 accipiters, 196 Broadwings, and 34 falcons.

That was because a cold front was moving in with rain from the west, and on April 23 it passed over us. After the front passed off the coast Broadwing migration resumed on northerly winds, but other species were not much in evidence. Montclair counted 126 Broadwings and Hook Mt took high honors for the year with 347 birds. This push was also recorded the next day at Blueberry as 281 Broadwings moved through on light east winds. This was ahead of the clouds of another approaching warm front from the south, this one with a cold front from the west hard on its heels.

After a day of rain on April 26, the skies cleared the following day and winds were strong from the west, giving coastal sites a nice accipiter count. There were 143 at Sandy Hook along with 34 Merlins. A reinforcing cold front went through that night and brought even stronger winds from the northwest. They were just as strong from the southwest on April 29, the last day of this

prime period, when temperatures soared into the 80s throughout the region. Highlights were 124 Broadwings at Barre Falls; 27 accipiters, 57 Broadwings, and 32 falcons at Pilgrim Heights; 47 accipiters and 49 Broadwings at Bradbury. Overall numbers were a bit on the low side. On 55 days of coverage 4092 migrants were counted in 343 hours. This was 31% of the season total, but a disappointing rate of 11.9 per hour.

The heat wave and the southwest winds continued for three more days to open the next period, when coastal sites usually move front and center. It was not a big push there, leading one to suppose many birds were dispersed a little inland, where watchers had mostly abandoned their posts in favor of the May songbird spectacle. Watches slowly dropped out through May 15, after which only Pilgrim Heights was left. Notable surges in numbers were April 30-May 2, May 5-7, and May 11-13. In June the season ended as it began, counting mostly vultures. There were 82 watch days and 462 hours, producing 2069 migrants (15.7%), a rate of 4.5 per hour.

HISTORICAL SPRING SITE TOTALS

Barre Falls, Massachusetts 1999-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	9	35	0	4	54	1	6	69	4	1	0	1092	0	0	0	25	7	0	9	1272	176	36.1	5.0
2001	16	79	1	54	119	0	4	113	9	0	1	706	13	0	1	56	6	0	0	1090	329	13.8	4.2
2002	38	180	0	36	108	18	28	139	6	0	29	895	79	0	1	71	22	1	7	1441	510	8.0	2.8
2003	30	165	0	111	170	13	20	169	20	3	36	883	125	0	1	53	6	0	28	1638	644	9.9	3.9
2004	32	169	1	92	203	13	23	234	19	0	18	536	132	0	1	132	12	1	21	1438	809	8.5	4.8

Blueberry Hill - Granville Massachusetts

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2003	34	228	2	137	93	14	17	172	10	0	5	773	90	1	3	77	1	3	20	1408	496	6.2	2.2
2004	33	121	1	98	125	13	24	128	18	0	18	515	132	0	3	81	0	1	10	1167	553	9.6	4.6

Hook Mt, New York

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	1	6	0	1	15	0	0	73	6	0	0	1358	5	0	0	10	7	0	0	1475	116	245.8	19.3
2001	8	52	0	49	136	2	33	240	33	0	4	1955	25	0	0	341	13	1	14	2846	842	55.0	16.3
2002	5	31	0	4	27	1	4	98	4	1	1	2610	14	0	0	3	6	0	0	2773	89.5	159	5.1
2003	10	53	1	55	35	8	10	126	24	0	26	1301	62	0	0	66	11	1	15	1743	386	33.0	7.3
2004	4	29	0	7	42	1	24	114	19	0	6	529	25	0	0	51	9	1	5	833	297	28.7	10.2

Montclair, New Jersey 1986-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	66	407	5	583	200	6	51	572	74	0	47	2305	325	0	0	303	31	14	67	4583	1690	11.3	4.2
2001	60	377	26	503	252	11	61	525	62	0	86	1872	270	0	0	507	30	3	46	4254	1853	11.3	4.9
2002	58	350	12	230	165	7	40	488	53	1	75	2286	137	0	0	246	10	0	61	3811	1283	10.9	3.7
2003	65	420	20	495	227	13	31	403	63	0	44	1166	181	0	0	180	31	3	45	2902	1221	6.9	2.9
2004	54	318	14	582	165	8	81	401	73	0	33	521	265	0	0	227	26	6	14	2416	1299	7.6	4.1
AVG		312	6	384	202	6	51	581	36	0	48	1995	192	0	0	358	21	4	35	3825	1440	12.5	4.7

Pilgrim Heights - Truro, Massachusetts 1998-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	50	260	0	373	91	27	32	420	74	5	3	161	84	0	0	156	39	9	64	1540	1006	5.9	3.9
2001	59	315	1	647	201	21	71	625	67	3	7	240	126	0	0	285	68	11	80	2462	1574	7.8	5.0
2002	67	350	0	604	177	17	74	542	86	5	4	412	105	0	0	293	60	15	6	2444	1428	7.0	4.1
2003	60	290	1	422	171	22	36	333	62	0	6	203	69	3	0	228	49	3	33	1642	1016	5.7	3.5
2004	91	369	0	691	286	16	37	559	67	4	8	287	152	7	0	248	53	10	16	2447	1469	6.6	4.0
AVG		267	0	457	143	17	45	421	63	3	6	213	85	1	0	193	45	9	45	1757	1086	6.4	4.0

Sandy Hook, New Jersey 1979-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	61	483	3	135	89	92	8	1235	226	0	72	75	58	1	0	995	248	10	9	3256	3043	6.7	6.3
2001	51	459	7	207	50	14	122	981	127	0	74	57	36	0	1	655	269	18	0	2620	2349	5.7	5.1
2002	58	406	10	147	32	4	71	1604	403	6	41	73	83	0	0	600	205	21	0	3301	3071	8.1	0.0
2003	62	500	9	195	52	7	84	1453	208	2	66	105	75	0	0	422	251	14	12	2957	2648	5.9	5.3
2004	62	405	3	307	39	18	126	686	327	2	91	97	93	0	1	334	272	11	6	2421	2014	6.0	5.0
AVG		471	2	153	90	4	207	2387	215	2	77	129	81	1	0	1288	214	8	8	4868	4583	10.3	9.4

Wildcat Ridge, New Jersey 1997-2003

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	77	491	15	118	73	11	23	153	32	0	36	1043	199	0	2	49	4	0	2	1760	584	3.6	1.2
2001	81	515	18	164	109	8	23	236	48	0	35	909	231	0	0	107	0	0	21	1909	818	3.7	1.6
2002	82	463	25	92	56	3	8	75	12	0	21	363	116	0	1	39	0	0	3	814	334	1.8	0.0
2003	64	366	18	66	81	8	9	124	25	0	23	460	116	0	0	84	4	4	4	1017	473	2.8	1.3
2004	72	327	21	13	63	8	23	215	38	5	24	331	119	0	0	62	1	1	49	967	602	3.0	1.8
AVG		507	20	131	95	8	22	172	32	1	32	931	185	0	1	78	2	1	25	1735	653	3.2	1.2

NORTHEAST SPRING REGIONAL TOTALS PER 100 HOURS 1987-2004

Sites with more than 20 hours per season

YR	SITES	HRS	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV
1987	11	0.0	58	55	1.3	32	412	19	1.1	15	483	46	0.3	0.1	148	33	2.3	30	1312	772
1988	14	0.0	45	58	0.9	35	278	16	2.4	10	549	43	0.2	0.1	128	18	1.9	17	1187	594
1989	14	0.0	68	63	1.9	30	294	20	1.2	14	695	52	0.2	0.1	168	15	1.2	20	1414	650
1990	18	0.1	46	46	1.7	15	198	12	1.3	13	564	48	0.3	0.1	116	15	1.5	27	1097	487
1991	14	0.7	45	50	1.5	18	179	13	1.9	15	386	66	0.7	0.3	89	15	1.6	24	892	460
1992	13	0.0	38	49	1.6	18	149	13	1.3	15	523	63	0.7	0.1	175	15	2.1	16	1080	518
1993	11	0.0	48	57	1.7	19	182	22	0.9	20	342	59	0.1	0.3	146	17	1.4	8	980	590
1994	13	2.5	69	46	1.5	18	173	29	1.1	15	321	48	0.4	0.2	133	14	1.2	14	904	512
1995	5	2.7	84	52	1.2	13	77	6	0.1	11	455	30	0.0	0.1	187	7	0.7	9	937	395
1996	6	2.3	64	57	2.5	19	132	8	0.4	17	188	67	0.4	0.1	193	10	1.9	10	773	519
1997	10	2.6	67	42	2.2	14	99	10	1.0	8	534	52	0.1	0.3	74	6	0.3	23	933	330
1998	7	2.1	59	27	1.7	11	70	9	0.7	8	276	27	0.0	0.0	102	5	1.0	11	611	274
1999	8	2.1	59	32	3.3	18	206	24	0.5	17	445	26	0.0	0.1	133	16	1.6	13	998	492
2000	8	1.3	69	26	7.9	11	156	24	0.6	10	323	39	0.1	0.1	138	22	2.7	11	851	457
2001	8	2.8	89	47	3.2	17	149	19	0.3	11	316	40	0.0	0.1	133	22	1.8	13	866	459
2002	7	2.7	66	31	3.2	12	158	31	0.7	9	384	30	0.0	0.1	67	16	2.0	4	820	367
2003	7	2.5	73	41	4.2	10	138	20	0.2	10	242	37	0.2	0.2	55	17	1.4	8	658	342
2004	8	2.2	99	61	4.7	20	150	32	0.7	11	193	52	0.4	0.3	73	21	1.8	8	731	436
Average 1987-2004		1.5	64	47	2.6	18	178	18	0.9	13	401	46	0.2	0.1	125	16	1.6	15	947	481
Average 1995-2004		2.3	73	42	3.4	14	133	18	0.5	11	336	40	0.1	0.1	116	14	1.5	11	818	407

NORTHEAST SPRING REGIONAL TOTALS 1987-2004

Sites with more than 20 hours per season

YR	SITES	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	PH	XBWV	XPH
1987	11	1373	0	790	750	18	442	5653	255	15	208	6633	638	4	1	2037	451	31	414	18018	10595	13.1	7.7
1988	14	1718	0	765	989	16	593	4777	279	42	180	9408	733	4	1	2203	316	32	288	20382	10209	11.9	5.9
1989	14	1608	0	1098	1016	30	485	4731	324	19	221	11181	844	3	2	2697	247	20	321	22732	10453	14.1	6.5
1990	18	1927	2	880	895	32	284	3815	234	25	243	10876	916	5	2	2235	280	28	524	21146	9388	11.0	4.9
1991	14	1957	13	887	984	29	344	3511	257	38	285	7549	1297	14	6	1738	286	32	469	17447	8998	8.9	4.6
1992	13	1638	0	623	801	27	294	2445	207	21	247	8574	1031	11	2	2865	238	35	268	17689	8492	10.8	5.2
1993	11	1780	0	852	1020	30	338	3236	399	16	353	6094	1042	2	5	2596	311	25	134	17443	10497	9.8	5.9
1994	13	1564	39	1074	714	24	279	2705	446	17	239	5018	748	7	3	2079	218	18	226	14136	8005	9.0	5.1
1995	5	914	25	772	475	11	123	702	52	1	101	4156	273	0	1	1713	65	6	83	8559	3606	9.4	3.9
1996	6	1061	24	676	604	27	206	1400	87	4	185	1991	712	4	1	2052	104	20	105	8202	5511	7.7	5.2
1997	10	1253	33	835	527	28	170	1237	127	12	99	6697	652	1	4	922	69	4	283	11697	4132	9.3	3.3
1998	7	1235	26	732	332	21	139	869	117	9	100	3410	333	0	0	1256	57	12	137	7550	3382	6.1	2.7
1999	8	1758	36	1041	566	58	319	3630	414	8	300	7820	464	0	1	2341	281	29	231	17538	8641	10.0	4.9
2000	8	1824	23	1267	654	144	198	2841	432	11	177	5894	710	2	2	2525	405	49	199	15515	8331	8.5	4.6
2001	8	1881	53	1670	890	61	325	2807	353	5	210	5941	758	0	2	2499	420	34	250	16296	8632	8.7	4.6
2002	7	1886	51	1245	593	60	235	2972	575	13	176	7241	568	0	2	1259	303	37	83	15459	6922	8.2	3.7
2003	7	2021	51	1481	829	85	207	2780	412	5	206	4891	718	4	4	1110	353	28	157	13307	6690	6.6	3.4
2004	8	1803	40	1793	1091	85	354	2701	575	12	199	3484	944	8	5	1317	387	33	141	13177	7.3	7860	4.4

THE 2004 FALL MIGRATION

COVERAGE AND SITE ACCOUNTS

There were 48 sites reporting, down four compared to 2003. Six sites reported that did not in 2003, three with over 70 hours each. Of the ten sites not reporting in 2004, the most significant was The Pinnacle at New Scotland, near Albany, New York. Coordinator Bob Kirker fell ill with heart problems and could no longer provide the support for this seven year project. Three other watches had significant but not full time coverage. The watch at Voorheesville, New York was replaced by Helderberg. A new watch at Sparta, New Jersey was replaced by one in Summitville, New York. The watch at Napatree Point in Rhode Island did not submit data, but may well do so at a later date. Five other sites had minimal coverage. The number of major watches dropped from 19 to 18, Quaker Ridge taking high

honors with 655 hours. Four other sites had more than 400 hours, six sites had from 300 to 377 hours, four more had 247 to 275 hours, seven sites had 106 to 194 hours, and 26 sites had 83 hours or fewer.

Cadillac Mt in Acadia National Park is our northernmost site, averaging more than 200 hours each fall over nine years. The flight was an excellent one for them, breaking records for Merlin and Peregrine with most other species doing very well, including American Kestrel. George Appel in **South Harpswell** continued his enviable 23 year record of counting. Broadwings put in a good showing and Sharpshins improved, but most other species were weak except for a record breaking Bald Eagle count.

New Hampshire is now down to two reporting sites. **Little Round**

Top put in its second best hour total and one reward was the second best ever Broadwing count. Bald Eagle, Sharpshin, Cooper's Hawk, and Red-tailed Hawk also set records. Compared to recent years, **Pack Monadnock** had fewer hours, bringing numbers down, but they still counted their most ever Bald Eagles.

The eighth year of data at the **Chickatawbut** banding station produced lower numbers of most species, but highlights were a decent Redtail, Merlin, and Peregrine flight. Hours were down at **Pinnacle Rock** in Malden, and so were the counts. The last four of the six years at **Morris Island** in Chatham, Cape Cod, now have more than 200 hours per season. Sharpshins were good, and there were a record seven Goshawks. The record Peregrine flight was only one less than the Cooper's Hawk total. Redtails and Turkey Vultures had their best ever years, and the previous high Osprey count was doubled.

It was a poor Broadwing count for the watchers at **Mt Watatic**, though most other sites would have been glad to have their total. Hours were fewer for the second year in a row, so other species were correspondingly few. Only eight days were covered at **Wachusett Mt**, so counts were disappointing, even for the sought after Broadwing. The third year of a noon hour watch in **Groton** did not catch the Broadwings either, but saw plenty of accipiters and falcons for the time spent.

Moving west to the Connecticut River Valley, **Putney Mt** had another good Broadwing year, but most other species were scarce despite respectable hours. In fact it was the poorest non-Broadwing and vulture figure since 1989.

The **Barre Falls** watch kept up its coverage pace with only a few less hours than in 2003. They had a big Broadwing flight, their best ever, and the Bald Eagle tied its record of the previous year. Other species were on the low side.

Blueberry Hill burst through the century mark in days of coverage, the first New England site to ever accomplish that feat. Only The Pinnacle and Central Park have ever done it before in the region. Numbers were on the low side except for the record Bald Eagle count.

The lowland site called **Little River Lookout** increased its hours to excellent effect, every species except Redtail, Osprey, and Harrier showing better numbers. In spite of this, the watch was moved to a ridgetop called **Shatterack Mt** for the late season. The result was a very healthy Redtail and Redshoulder count.

The Gardner site was revived and renamed **Wampanoag**. Limited late season watching produced excellent numbers of Redtails and Redshoulders. The traditional watch on **Mt Tom** had little coverage and fewer migrants. The **Peak Mt** site, farther south on the same ridge, also fell on hard times with only 32 hours of coverage.

This year 11 watches with 3 to 52 hours each of coverage made up the **western Connecticut network of inland hawkwatches**. Total hours were down by 36% (411-265), but the migrant total

more than doubled from 4141 to 9748. A whopping 89% of these migrants were Broadwings, for the system was designed to get a detailed picture of this buteo's path through the region. We learned that more birds used this traditional route in 2004 than in 2003, but the numbers were still way down from the previous 30 years.

The northern Long Island shore is covered first and foremost at **Lighthouse Point** where teams of watchers logged 582 hours on 91 days. They counted 16,500 migrants in their 27th year, the most since 1994, but Broadwings were mostly responsible for that robust total. Most of the staple species were in short supply. The American Kestrel had its worst season yet, and Osprey, Sharpshin, and Harrier were well below average. Redshoulder and Redtail had excellent, but not record breaking, totals. The Bald Eagle and Turkey Vulture did set records.

After three straight dismal seasons **Quaker Ridge** saw decent numbers in 2004 celebrating the 20th year of full time watching. The Sharpshin count was the best since 1998, Osprey the best since 1999, Bald Eagle second best to 1998, Merlin second best to 1997, Peregrine second best to 1990, Redshoulder second best to 1995, Redtail best since 1995, and both vultures set record highs. The Broadwing and American Kestrel, though improved, were still well below average.

Maltby Lakes enjoyed a sterling Broadwing flight and a record Bald Eagle count with other species near normal. **Waveny Park** also had a healthy dose of Broadwings and set records for nearly every other species in its best yet 37 hours of coverage. **Flirt Hill** coverage was down, bringing counts down too, but per hour it was still pretty good. Thanks to Neil Currie, **East Shore Park** coverage was the best since 1997, pushing numbers up, but not as much as could be hoped. Broadwing, Cooper's Hawk, Redtail, and Turkey Vulture did well. American Kestrel did very poorly.

It is doubtful the Pinnacle will have coverage again, but Will Aubrey's Voorheesville, New York site is still active in the area and has been renamed **Helderberg**. This year the Broadwings came through nicely there along with most other species. A brand new site in **Summitville** put in an excellent first effort. It is located 20 miles north of the old Greenville site.

Coverage decreased at **Bear Mt** and most species also suffered, except for Cooper's Hawk and Redtail. **Hook Mt** went the other way, with more hours and more birds, especially Bald Eagle, Cooper's Hawk, Redshoulder, and Redtail. Broadwing and Sharpshin also improved, but Osprey and Harrier were in the doldrums. Hours were similar at **Lenoir Preserve** and so were the counts, except for Redshoulder and Redtail, the opposite of results in 2003.

Results were poor across the board for **Mt Peter**, adding up to their lowest counts ever for many species. Only a decent Bald Eagle total relieved the misery. The intermittent watch at **Mohonk Preserve** was even more so, and only the Broadwing count was decent.

Montclair struggled through its fourth straight year of low

numbers. Broadwings were improved over 2003 and brought the total over 10,000 migrants, but other species were down. Osprey, Sharpshin, Kestrel, Turkey Vulture, and Redtail all had well below par seasons. Brightening the picture was a record for Bald Eagle and Cooper's Hawk, and a very good count of Merlins.

The Broadwing count nearly doubled at **Picatinny Peak**, but that was not saying much since 2003 was dismal indeed. Osprey, Sharpshin, Kestrel, and Redtail all hit rock bottom, and even Cooper's Hawk had to be added to this list of record low counts.

Hours were down substantially at **Wildcat Ridge**, but numbers improved, barely. Sharpshin, Kestrel, and Redtail hit new lows, and most other species were near that mark. Even Bald Eagle only was average. The **State Line** site improved its hours dramatically and its counts as well.

In some ways the **Chimney Rock** season was worse than 2003, for example lower counts of Osprey, Harrier, Merlin, and Peregrine. Sharpshin and Kestrel at least stayed the same, albeit still near the bottom. Broadwing, Redshoulder and Redtail improved, but to a level below average. Only a record Bald Eagle flight was a positive sign.

SPECIES ACCOUNTS

Although the **Broad-winged Hawk** flight more than doubled compared to 2003, it was still only 69% of the ten-year average, and only 49% of the 27 year average. It was the third lowest figure ever, barely better than the second worst made in 1991. A

few sites in the far north did well early on, and the near coastal sites were good after prime time, but most of the birds presumably went through in another dispersed pattern.

Osprey declined for the third straight year, and now has been below average since 1994. It was 82% of its ten-year average. The 16 year average per year during 1978-1994 has dropped from 116 to 84 during the 11 years since then. Part of this decline results from relatively more coverage late in the season, but how much?

The **Bald Eagle** continues to climb to new heights, posting a 50% rise over 2003 and was 83% more than the ten-year average. The **Northern Harrier** followed a stellar year in 2003 with its second poorest ever, only 70% of its ten-year average.

How long will we call the **Sharp-shinned Hawk** a declining species, when it has been rock steady now for 13 years? Gone are the halcyon years of 1978-1986 when this raptor averaged nearly 900 per 100 hours. Why it slumped to 373 per 100 hours in the last ten years we do not know, but it is likely an indication of a population decline, for the numbers before and after the decline have been consistent through different kinds of weather patterns. The **Cooper's Hawk** inched higher for the fourth straight year and reached a plateau 21% higher than the ten-year average. This was the best figure since 1993. The ratio of Sharpshin to Cooper's Hawk stands at 8:1 compared to 10:1 in 1996.

The precipitous drop in **American Kestrel** numbers is ongoing and a real cause for concern. The slight improvement over 2003

HISTORICAL AVERAGES PER 100 HOURS FOR ALL SITES

YR	SITES	HRS	BW	OS	BE	NH	SS	CH	AK	M	PF	RS	RT	TV	BV	NG	RL	GE	UR	TOT	XBWV
1978	8	1850	2966	86	0.7	31	875	10	245	4	0.3	13	78	8		1.0	0.5	0.6	50	4362	1389
1979	10	1990	2791	99	1.1	39	1011	15	326	9	2.8	18	100	9		2.2	0.4	0.7	68	4484	1683
1980	13	2800	1358	96	0.6	58	775	12	252	14	2.8	15	84	18		3.3	0.5	0.5	62	2733	1356
1981	15	2720	3659	116	0.8	57	1287	24	430	20	2.0	11	127	24		3.2	0.3	0.1	55	5793	2110
1982	18	3059	1032	90	0.8	40	927	15	238	16	2.9	12	94	28		4.1	0.3	0.3	45	2518	1457
1983	18	3372	2021	77	0.9	41	698	14	166	22	3.7	16	90	23		4.1	0.2	0.4	38	3192	1148
1984	19	3460	3797	95	0.9	43	799	13	164	25	4.6	9	78	30		1.8	0.1	0.4	26	5057	1230
1985	23	4320	2129	93	0.9	53	808	19	179	39	3.7	11	87	26		3.3	0.2	0.4	43	3468	1313
1986	23	4618	3540	132	2.4	61	879	22	231	43	5.3	7	88	36		2.5	0.5	0.6	56	5070	1495
1987	23	5096	2615	140	3.3	53	648	23	248	35	6.5	14	90	49		2.6	0.2	0.6	45	3925	1261
1988	26	5849	3263	153	3.2	42	523	20	227	39	4.7	11	76	45		2.2	0.3	0.6	41	4407	1099
1989	27	5624	2127	190	2.5	49	652	34	269	47	8.3	13	74	32		1.4	0.4	0.6	43	3510	1351
1990	35	6984	1604	159	2.7	36	604	48	233	58	11.1	18	100	54		2.3	0.4	0.5	42	2918	1260
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	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	49	568	56	285	52	6.6	12	91	48		3.0	0.1	0.8	39	4745	861
1994	57	8606	2388	93	6	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	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	9	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	8	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	10	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	10	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	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	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
AVG 78-2004		6495	2055	103	5.1	37	593	30	199	31	5.8	14	88	42	1.4	2.3	0.3	0.7	36	3210	1112
AVG 95-2004		9409	1467	84	9.3	27	373	37	135	30	7.1	15	83	55	1.4	1.8	0.3	0.9	21	2343	819

did not bring the counts anywhere near to recovery. It remains down to 28% below the ten-year average and 49% below the 27 year average per hour. No weather factor can explain this away.

The concern does not apply to all falcons. **Merlin** has stayed very close to its average despite a slight drop for the second straight year. The **Peregrine Falcon** has kept at a high level for four years in a row.

If we need to be worried about any accipiters, perhaps the **Goshawk** is the best choice. Numbers are few to start with and they are 21% lower over the last ten years than over the last 27 years. Since 1985 only two years have been "flight" years, 1993 and 1999. **Red-shouldered Hawk** counts rose for the second year in a row and were 13% above the ten-year average. It was their best year since 1999.

The **Red-tailed Hawk** totals weakened a bit compared to 2003, but were still well above the recent slump years of 2000-2002. The count was exactly the ten-year average, but was a bit below the 27 year average. **Rough-legged Hawks** did nothing to surprise, but it was the best flight year ever for **Golden Eagle**, 50% above the ten-year average. The **Black Vulture** and the **Turkey Vulture** showed significant positive gains in 2004, both

reaching record level highs per hour.

The poor flights of 2004 were not limited to any region of the northeast. Coastal, near-coastal, inland, and far inland sites all shared in the low numbers. It was more like the horror of 2003 than we would like to admit in spite of the statistical improvement. Migrants excluding vultures and Broadwings were actually worse than 2003 and 10.5% below the ten-year average. Only the year 2000 was worse in this regard.

THE EARLY SEASON FLIGHT

Hurricane Frances plagued the east coast for the first nine days of September. The first three days it was hovering just east of Florida, then took three more days to cross the state, and three more days to move north from the Gulf to New England. High pressure stayed in place over us for the first six days with a stationary front far to our west. A back door front did come out of the Maritimes September 4-5 and briefly change New England winds to northeast. Then the rain and wind of Frances finally arrived over us.

Observers tried to make something out of this period, baking in the heat for 814 hours over 163 watch days beginning August 22.

BROAD-WINGED HAWK DAILY TOTALS AT WATCH SITES IN SEPTEMBER 2004

SEP	10	11	12	13	14	15	16	19	20	21	22	23	24
Little Round Top NH		451	1327	23	167	1155	360			6			
Pack Monadnock NH				454	1235	6	137						
Helderberg NY	22	19	69	17	150	395	145	111					
Putney Mt VT	169	460	873	259	917	166	760	247	82				
Mt Watatic MA		1036	90	1908	1816	7	6	286	120			30	
Mt Wachusett MA		140	26	811	120			319	168	1135	259		
Barre Falls MA	22	222	22	1201	250	2		330	63	1094	146	36	122
Blueberry Hill MA	84	26	169	1084	479	11	4	852	2	64	5	2	10
Little River MA	49	29	3	312	608	1	3	61	0	8	11	3	11
SEP	10	11	12	13	14	15	16	19	20	21	22	23	24
Peak Mt CT			6	31	41			13					
Johnnycake Mt CT		217	24	13	355	1	60	45		24			
Torrington CT					469	3	9	1193	8	29	1	21	9
Chestnut Hill CT	8	8	99	319	152	9	2	857	7	29	2		
Southbury CT	3	1		100	91	0			5	84	0	0	89
Heritage CT				667		3	6	383	223	29			
Lighthouse Pt CT	0	32	0	25	3	0	1	1320	817	1	118	1241	13
Maltby Lakes CT	14	74	56	61	43		5	945	875	1169	1366	874	
Quaker Ridge CT	47	300	408	635	151	8	6	1337	2310	794	282	72	22
SEP	10	11	12	13	14	15	16	19	20	21	22	23	24
Bear Mt NY	6	113	218	450	286	62	22	132	11	2	0	5	29
Mohonk Preserve NY			17	22			54	137				312	5
Hook Mt. NY	1	707	106	1	356	94	0	1377	513	7	26	13	114
Mt Peter NY	12	252	397	266	503	92	22	116	14	1	3	0	108
Lenoir Preserve NY		20	149	159	37	2		93	848	53	171	18	6
Summittville NY		24		101	0	629		33	0		0	0	
State Line NJ		63	98	24	98	0	0	2	797	36	219	14	0
Montclair NJ	106	291	407	221	76	14	0	1884	1648	461	282	101	4
Wildcat Ridge NJ	0	877	281	84	214	194	13	115	8	44	17	11	14
Picatiny Peak NJ	37	782	366	726	469	196	8	71	36	64	70	3	14
Chimney Rock NJ	9	53	203	76	10	6	0	1605	2520	325	398	756	9

They counted 2978 migrants, an average of 3.7 per hour, a noble effort indeed. One third of the total were Broadwings, 22% were Ospreys, and 17% were Sharpshins. The Kestrel is a traditional early flyer, but only 229 were recorded in this period while the Bald Eagle count was 130.

Little Round Top had 10 Bald Eagles on 9/5 and Montclair had 8 on 9/6. Other peak day flights were 37 Broadwings at Quaker on 8/24, 50 at Cadillac on 8/25, and 156 at Little Round Top on 9/5. Sharpshins peaked at Lighthouse with 47 on 9/6 and 40 were at Cadillac on 9/2. Quaker had the high Osprey count of 30 on 9/2.

August 22 - September 9 Totals

Hrs	BW	OS	BE	NH	SS	CH	AK	ML
814	981	644	133	95	512	91	269	44

After Frances was pushed out to sea by the cold front on September 9, a nice day with moderate west winds ensued, followed by three days of light northerly winds 9/11-13. A back door front slipped quietly down from the north to freshen those winds slightly on the 13th. Broadwing numbers began to build, but not dramatically. Most daily counts were in the hundreds, with only a few just over the thousand mark. Then the light winds switched around, first to the east and then south as the high pressure slipped slowly off the coast, and a new hurricane was approaching landfall on the Gulf coast. We knew the birds were moving during this prime period of migration, because we were seeing quite a few of them, but with the wind so light, were many of them taking a track to the north and west? It looked like it might be a repeat of 2003.

Over this span, watchers logged 240 watch days and 1447 hours of coverage. They counted 49,070 migrants, 80% of them Broadwings. Broadwings averaged 27 migrants per hour for the period, non-Broadwings were 6.9 per hour. Southern sites got their only flights on 9/11, a day after the moderate northwest winds of the 10th. Northern and inland sites got the bulk of the flight thereafter. Watatic reached 1036 Broadwings on the 9/11, Little Round Top 1327 on 9/12, Barre Falls 1201 and Watatic 1908 on 9/13. On the 14th Pack Monadnock had 1235 and Watatic 1816, on 9/15 Little Round Top had 1155, and on the 16th Putney Mt had 760. In the south the westernmost locations got the best counts, such as 726 at Picatinny 9/13, 503 at Mt Peter 9/14, and 629 at Summitville 9/15. The northwest winds on the 13th gave Quaker Ridge a peak of 645 Broadwings.

The counts of other species were moderate to say the most. September 13 was the best day with 192 Kestrels at Cadillac Mt, 273 Sharpshins and 33 Merlin at Quaker, and at Lighthouse 74 Osprey, 323 Sharpshins, 17 Harriers, and 151 Kestrels. The peak Osprey count was 107 at Lighthouse on 9/11.

The hurricane came up though the heart of the east September 17-18 and pretty much closed down the flight, but unlike 2003 a fairly strong front was coming from the west to replace the storm and the string of light-wind days.

September 10-18 Totals

Hrs	BW	OS	BE	NH	SS	CH	AK	ML
1447	39087	1917	338	246	4667	447	1466	353

It had been two years since the last coastal concentration of Broadwings, so the strong winds of 9/19 really made their day. The next day might have been even better if the winds had kept up, but they did not. The high pressure quickly moved overhead and winds died considerably on the 20th. There was no cold front in sight, for our weather was not coming from the west, as it usually does in the fall. Yet a third hurricane was off the southeast coast, and it actually pushed the high pressure system back inland. The northwest winds resumed on 9/21 and increased on the 22nd, renewing the flight through eastern and southern locations. Then the hurricane backed up and the winds faltered again the next two days as the high finally resumed its eastward progress and the Broadwing season was over.

There were only 182 watch days and 1162 hours in this period, but almost 41,000 Broadwings went through, with no day count exceeding 2520 at any site. On 64 of those watch days the Broadwing count was more than 100 and 26 times it broke 500. The most notable count was the 1241 Broadwings at Lighthouse on 9/23. The per hour rate of Broadwings was 35.1 and all others 12.5. Broadwings made up 74% of the total flight, accipiters 15%, and falcons 6.5%. Ospreys were a paltry 3%.

September 19-24 Totals

Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PF
1162	40845	1615	272	360	7757	727	3059	474	78

THE MID SEASON FLIGHT

By 9/25 the clouds from a front reached us along with southerly winds. meanwhile the hurricane finally made up its intemperate mind, crossing Florida on 9/26. It crawled northward and did not clear New England until September 30. It brought strong northeast winds wherever it was situated, but ahead and behind winds were light and variable. That did not change much when the storm was gone, and a large high pressure lingered over us for three days until October 2. The next front passed on the 3rd, followed quickly by another on the 5th giving us one day of strong northwest winds after each passage. Then a slow moving high pressure brought more familiar balmy fall days with light winds through 10/9. Except for brief, moderate flights on 10/1,10/3, and 10/5, the coast cried all the way through what should have been prime migration time. The birds may have been there, but they were dispersed all over the terrain, and those who persevered each got a little share. The Lighthouse highlights amounted to 263 Sharpshins on 10/1, 466 on 10/3, and 220 on 10/5.

We endured for 271 watch days and 1533 hours, tallying 12837 migrants, for a per hour average of 8.4 birds. A slight majority were accipiters (53%), while 18.6% were falcons.

September 25 - October 9 Totals

Hrs	BW	OS	BE	NH	SS	CH	AK	ML	PF
1533	842	955	180	242	5899	899	1612	560	220

As with the Broadwing season, rescue came, even if late and after a lot of the hawks had left the woods. A classic fall front came down from western Canada on October 9 and made us forget hurricanes and high pressures. For three days winds blew strong from the northwest as a low intensified off the coast and

lingered over the maritimes.

With only 87 watch days and 532 hours, there were 9042 hawks counted, an average of 17 per hour. This time 58% were accipiters, 21% were falcons, and 5.9% were big buteos. The latter were poised to take over the migration story, but not quite yet.

There were 11 days with over 100 Sharpshins, the first on the 10th, when Lighthouse had 220. The big day was the 11th, when Lighthouse counted 637, East Shore 223, and South Harpswell 210. Fire Island peaked at 155 Merlins that day. The flight was more spread the next day with 344 Sharpshins at Lighthouse and 289 at East Shore. Lighthouse Kestrels peaked at 232 and Merlins at Fire Island numbered 127 along with 19 Harriers and 11 Peregrines. Lighthouse also tallied 19 Harriers. Winds diminished on the 11th, giving more inland sites a chance, Hook Mt counting 148 and Quaker Ridge 173.

October 10 - 13 Totals

Hrs	OS	NH	SS	CH	AK	ML	PF	RS	RT	TV
532	248	175	4732	535	1261	550	113	112	418	611

After the intense low pulled away, a series of new low pressure systems came up from the south bringing rain, the last one speeding due north into central Canada. High pressure set up to the south and slid east, keeping winds out of the south. Finally a warm front came up from the south and brought fog and rain on October 19. None of this was good migration weather.

In 85 watch days and 401 hours we only counted 2995 migrants, a rate of 7.4 per hour. There was only one day of over 100 Sharpshins, 137 at Lighthouse on 10/18. Seven other inland sites that day had 40 -75 Sharpshins. Given the achingly slow pace on so many other days, this was superb.

October 14 - 19 Totals

Hrs	OS	NH	SS	CH	AK	ML	PF	RS	RT	TV
401	156	56	1339	203	100	119	46	49	268	537

West-east moving systems continued to be absent, but on October 20 the warm front that stretched from the midwest to the Carolinas became a back door cold front, pushed south by a high pressure that moved from Quebec to the Great Lakes 9/20-21, and then slowly back to Canada and into the north Atlantic 9/22-25. This gave us six straight days of northeast winds with only the first day a bit productive since it was the first day of clearing after so much overcast. Vultures had been moving fitfully for some time, as is their wont, but now they began packing up in earnest and taking their soaring road south. With them were modest numbers of late accipiters and early big buteos. This flight died as two fronts slowly approached from the west, passing 9/24 and 9/26, bringing light northwest winds on the second date, but no real change in the weather or the sparse flights. On the 27th a new high was in Ontario and a new warm front stretched across the south. It moved over us on the 29th, then the warm front with rain came through on the 30th. It was another long, dismal stretch of reluctant and dispersed migration.

Thanks to the first two days of movement we did tally 8075 total migrants, 10.1 per hour. Accipiters still accounted for 42.8%, but vultures rose to 25% and big buteos were at 21%. High counts

were mostly on 10/20, when Sharpshins numbered 233 at Lighthouse, 206 at Quaker, and 168 at Montclair. That day Turkey Vultures came through at 261 at Wildcat, 174 at Barre Falls, and 145 at Hook Mt. Redshoulders hit 37 at Quaker. Redtails peaked at Lighthouse with 56 on 10/26 and 57 on 10/28. Putney Mt counted 42 on 10/27

October 20 - 30 Totals

Hrs	BE	NH	SS	CH	AK	ML	PF	RS	RT	TV
796	75	187	2973	479	119	193	33	513	1167	2038

THE LATE SEASON FLIGHT

October ended and November began with some promise, but not much. A front from western Canada finally swept through and cleaned out the wet weather, and some Redtails responded, but barely for a day or two. Cold fronts followed on 11/2 and 11/4-5, the latter the first winter blast of the season. With the high pressure way down south in Texas, the wind turned west and southwest immediately, keeping things quiet. The score for this period was poor, as only 2366 migrants were seen in 542 hours and 100 watch days, a rate of 4.4 per hour. The big buteos (mostly Redtails now) turned in 35.6% of the total but accipiters still edged them out with 36%. The big Redtail days for sites were 58 at Picatinny 10/31, and 52 at Shatterack 11/1.

October 31 - November 7 Totals

Hrs	BE	NH	SS	CH	AK	ML	PF	RS	RT	TV
542	56	97	709	144	19	47	19	93	749	294

Finally on November 7 a classic cold front came through with the following high moving through the Great Lakes and the Mid-Atlantic. Winds were northwest and the flight was excellent over the next three days. On 11/11 southwest winds prevailed on the back side of the high until the next front brought a nor'easter with snow on 11/12. The northwest winds brought a new batch of Redtails on northwest winds as a huge high pressure settled in 11/13-15, centered just to our west and south. It ended the main migration season.

In 83 days of watching over only 417 hours we garnered 3422 migrants, which amounts to 8.2 per hour. This time the big buteos rose to 72.5% of the total, while accipiters dropped to 15.9%. The peak count was at Montclair 11/9 with 97 Redtails. On 11/10 Bear Mt observed 83, on 11/13 Blueberry had 75, and on 11/14 Lighthouse noted 75 and Blueberry 70.

November 8-15 Totals

Hrs	BE	NH	SS	CH	AK	ML	PF	RS	RT	TV
542	56	97	709	144	19	47	19	93	749	294

Only 705 migrants were counted in the rest of the fall watching, which came to 404 hours on 96 days, an average of 1.75 per hour. The Redtails comprised 49.8% of the total.

November 16 - December 15 Totals

Hrs	BE	NH	SS	CH	AK	ML	PF	RS	RT	TV
404	40	34	106	21	2	29	19	26	351	53

FALL 2004 SITE TOTALS AND PER 100 HOURS AVERAGES

Site	Days	Hours	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	RL	GE	UR	Total	XBWV	PH	XPH
Cadillac Mt	64	275	494	182	13	89	963	59	819	98	21	0	59	14	0	6	1	1	97	2916	2408	10.6	8.8
Harpswell	49	117	1148	207	45	54	1196	25	359	126	21	1	8	36	0	3	0	1	37	3232	2048	27.7	17.6
Little Round Top	29	136	3736	86	40	3	179	32	51	4	4	1	54	95	0	1	0	2	42	4330	499	31.7	3.7
Pack Monadnock	4	29	1832	39	14	4	77	6	15	7	1	1	0	3	0	0	0	1	0	2000	165	70.2	5.8
Putney Mt	63	326	4049	134	26	32	876	76	154	17	21	11	220	53	0	14	1	2	10	5696	1594	17.5	4.9
Chickatawbut	32	266	10	79	1	13	76	69	50	37	18	10	244	36	0	1	0	3	1	648	602	2.4	2.3
Groton	18	16	132	17	2	0	32	14	20	1	2	3	14	35	0	0	0	0	0	272	105	16.6	6.4
Morris Island	57	249	0	24	0	22	667	113	10	45	112	0	45	50	0	7	0	0	15	1110	1060	4.5	4.3
Pinnacle Rock	11	34	1	6	0	1	40	2	11	0	1	0	0	0	0	0	0	0	1	63	62	1.8	1.8
Barre Falls	66	343	3611	206	41	52	980	103	172	37	9	60	342	277	0	4	1	3	38	5936	2048	17.3	6.0
Blueberry	102	567	2866	163	138	75	863	104	393	21	5	31	550	179	10	8	4	4	72	5485	2430	9.7	4.3
Little River	31	153	1121	65	30	7	252	14	148	9	8	6	65	109	0	2	0	0	18	1854	956	12.1	6.3
Mt Tom	2	7	115	0	3	1	35	4	3	0	0	0	0	0	0	0	0	0	0	161	46	23.0	6.6
Mt Watatic	14	106	5305	139	14	17	382	35	75	9	0	9	28	6	0	1	0	0	18	6029	718	57.0	6.8
Shatterack	18	71	0	10	5	9	181	12	4	4	3	28	228	33	10	5	0	4	11	547	504	7.7	7.1
Wachusett	8	52	2978	117	11	8	172	24	45	1	1	2	0	0	0	3	0	0	71	3433	455	66.7	8.8
Wampanoag	8	19	1	8	0	0	25	5	4	1	0	17	84	4	0	0	0	0	0	149	144	7.7	7.5
Peak Mt	8	32	98	5	7	1	24	3	2	1	0	0	3	0	0	0	0	0	6	150	52	4.7	1.6
Bald Peak	1	3	1070	6	1	1	3	2	3	0	0	0	0	0	0	0	0	0	0	1086	16362.0		5.3
Booth Hill	1	6	370	10	5	0	24	0	8	0	0	0	0	0	0	0	0	0	0	417	47	69.5	7.8
Botsford Hill	11	52	1398	30	8	3	84	4	19	0	1	4	1	0	0	0	0	1	15	1568	170	30.4	3.3
Briggs Hill	2	5	89	1	1	0	0	1	0	0	0	0	5	0	0	0	0	0	0	97	8	19.4	1.6
Chestnut Hill	11	51	1492	28	3	1	41	6	16	2	0	0	0	0	0	1	0	0	16	1606	114	31.6	2.2
Heritage	7	24	1311	12	2	1	30	2	10	0	0	0	2	0	0	0	0	0	12	1382	71	58.8	3.0
Johnnycake	9	31	739	44	14	5	83	2	37	4	2	2	0	0	0	0	0	0	2	934	195	30.6	6.4
Southbury	3	17	280	3	4	4	29	8	6	0	0	0	3	0	0	0	0	2	2	341	61	20.4	3.6
Taine Mt	4	16	212	13	2	0	30	0	0	0	0	0	0	0	0	0	0	1	0	258	46	16.6	3.0
Torrington	16	62	1746	34	7	8	80	63	36	9	3	12	16	0	0	5	0	0	40	2059	313	33.1	5.0
East Rock	1	2	7	5	0	1	4	1	1	0	0	0	3	0	0	0	0	0	0	24	17	12.0	8.5
East Shore	10	32	383	50	14	7	706	89	50	3	5	9	91	216	0	0	0	0	67	1690	1091	52.8	34.1
Flirt Hill	7	43	302	15	4	22	59	20	198	2	1	6	13	0	0	0	0	2	0	644	342	15.2	8.0
Lighthouse	91	582	3693	1054	86	329	6662	823	1445	344	75	162	890	598	0	9	5	2	323	16500	12209	28.4	21.0
Maltby Lakes	15	82	5490	245	30	4	139	9	98	3	7	0	0	0	0	0	2	5	6029	539	73.5	6.6	
Quaker Ridge	84	655	6654	619	82	153	3274	342	570	89	24	251	384	591	27	11	0	4	111	9745	2473	14.9	3.8
Waveny Park	11	47	843	56	5	6	168	16	42	3	3	2	3	0	0	1	0	0	11	1159	316	24.7	6.7
Fire Island	51	377	1	219	6	181	277	20	928	1190	112	0	1	0	0	4	0	0	13	2952	2951	7.8	7.8
Bear Mt	46	247	1375	55	38	15	304	40	31	7	1	20	219	55	0			2	22	2184	754	8.9	3.1
Helderberg	10	70	931	6	2	2	43	5	18	3	1	0	26	1	0	7	0	0	11	1056	124	15.1	1.8
Hook Mt	71	403	3431	166	72	76	1940	185	218	35	14	89	240	278	7	3	0	4	41	6799	3083	16.9	7.6
Lenoir	52	194	1628	95	35	19	299	58	89	21	13	24	169	539	10	2	0	0	12	3013	836	15.6	4.3
Mohonk	10	40	1436	32	4	7	88	7	24	4	5	2	12	0	27	1	0	0	0	1649	186	41.7	4.7
Mt Peter	60	375	1913	121	24	23	754	86	78	4	8	24	339	199	44	1	1	1	45	3665	1509	9.8	4.0
Summitville	32	83	788	9	20	2	131	50	12	11	2	5	62	112	0	3	0	1	14	1222	322	14.8	3.9
Chimney Rock	52	447	6093	431	124	124	2057	399	775	132	57	202	190	0	0	2	1	15	33	10635	4542	23.8	10.2
Montclair	87	553	5749	449	113	90	2295	474	461	90	28	224	472	835	16	3	3	1	11	11314	4714	20.5	8.5
Picatinny	67	302	2908	181	77	50	1029	53	154	6	9	68	229	41	1	1	0	12	77	4891	1941	16.2	6.4
State Line	21	142	1362	0	31	15	687	66	200	8	3	6	6	49	0	1	0	0	10	2444	1033	17.2	7.3
Wildcat Ridge	54	339	1960	187	49	33	873	123	82	16	2	59	161	474	51	0	0	3	41	4114	1629	12.1	4.8
48 Sites		8074	83151	5663	1253	1570	29213	3654	7944	2404	603	1351	5481	4918	203	110	17	74	1371	145488	57548	18.0	7.1
Per 100 Hrs			1030	70	16	19	362	45	98	30	7	17	68	61	3	1	0	1	17	1802	713		

SELECTED FIVE YEAR FALL SITE TOTALS AND HISTORICAL AVERAGES

Cadillac Mt, Maine 1995-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	44	217	0	0	157	0	61	876	26	9	3	170	28	0	0	589	81	14	30	2044	1874	9.4	8.6
2001	62	214	0	0	179	0	78	1474	31	5	1	191	116	0	0	1348	60	8	48	3539	3348	16.6	15.7
2002	39	150	0	0	121	0	66	763	25	1	0	92	14	0	0	447	38	7	85	1659	1567	11.1	10.4
2003	36	182	0	0	100	5	82	750	44	4	1	107	39	0	0	429	62	11	66	1700	1593	9.4	8.8
2004	64	275	0	14	182	13	89	963	59	6	0	494	59	1	1	819	98	21	97	2916	2408	10.6	8.8
AVG	43	204	0	22	143	14	74	997	37	7	1	205	55	0	0	721	62	12	116	2467	2240	12.4	11.3

South Harpswell, Maine 1981-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	55	156	0	38	216	19	100	2080	56	7	5	108	51	0	0	411	244	42	64	3441	3295	22.1	21.1
2001	55	132	0	53	157	15	75	988	38	8	10	82	43	1	0	288	123	23	40	1944	1809	14.7	13.7
2002	45	110	0	23	248	34	70	1374	38	6	5	44	31	4	0	384	153	29	46	2489	2422	22.6	22.0
2003	44	128	0	18	223	18	53	788	20	2	9	85	16	2	0	112	104	47	28	1525	1422	12.0	11.2
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
AVG	41	124	0	19	311	13	96	2194	34	6	6	590	25	1	0	595	185	32	70	4175	3566	34.6	29.6

Little Round Top, New Hampshire 1990-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	22	157	0	35	87	30	8	103	14	6	0	2484	45	0	0	26	2	4	242	3086	567	19.7	3.6
2001	13	56	0	53	40	6	1	43	1	2	0	462	12	0	0	25	0	2	130	777	262	13.9	4.7
2002	17	65	4	101	29	12	9	64	1	9	14	1363	53	0	0	7	9	17	69	1757	289	27.1	4.5
2003	12	84	0	4	37	24	3	51	9	3	0	919	11	0	0	17	1	0	31	1110	187	13.2	2.2
2004	29	136	0	95	86	40	3	179	32	1	1	3736	54	0	2	51	4	4	42	4330	499	31.7	3.7
AVG	15	78	0	34	59	12	5	74	7	5	2	2056	25	0	0	30	3	3	89	2405	315	33.9	4.1

Pack Monadnock, New Hampshire 1981-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
1999	11	76	0	74	40	8	2	186	11	5	3	1671	9	0	0	54	2	1	34	2100	355	27.5	4.7
2000	6	35	0	10	29	2	5	52	4	0	1	442	4	0	0	11	3	2	30	595	143	17.0	4.1
2002	3	25	0	2	34	4	4	27	6	0	0	4687	2	0	0	12	3	0	1	4782	93	195.2	3.8
2003	7	49	0	6	52	2	14	222	21	3	4	1513	5	0	1	77	10	6	11	1947	428	39.5	8.7
2004	4	29	0	3	39	14	4	77	6	0	1	1832	0	0	1	15	7	1	0	2000	165	70.2	5.8
AVG	5	30	0	10	22	3	7	87	5	2	2	1278	7	0	0	18	2	1	27	1471	183	56.4	6.4

Putney Mt, Vermont 1998-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	73	396	0	110	149	45	71	1140	89	21	32	3119	379	5	11	318	43	32	112	5676	2447	14.3	6.2
2001	73	378	0	37	127	30	47	1014	71	27	24	1674	668	4	5	256	29	13	44	4070	2359	10.8	6.2
2002	50	295	0	30	226	34	28	767	64	14	14	4961	236	1	3	248	19	36	60	6741	1750	22.9	5.9
2003	64	345	0	64	193	66	54	1116	87	17	16	4608	547	3	5	193	28	31	27	7055	2383	20.4	6.9
2004	63	326	0	53	134	26	32	876	76	14	11	4049	220	1	2	154	17	21	10	5696	1594	17.5	4.9
AVG	63	348	0	59	166	40	46	983	77	19	19	3682	410	3	5	234	27	27	51	5848	2107	17.2	6.0

Pinnacle Rock, Massachusetts 1998-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	18	66	0	6	45	0	8	79	8	0	1	13	5	0	0	25	11	0	22	223	204	3.4	3.1
2001	15	68	0	13	15	1	8	196	8	0	3	0	14	0	0	12	6	4	21	301	288	4.4	4.2
2002	9	48	0	3	16	1	5	166	5	0	0	52	3	0	0	37	7	2	25	322	267	6.7	5.5
2003	22	95	0	18	35	0	16	158	9	1	1	9	41	0	1	21	0	5	35	350	323	3.7	3.4
2004	11	34	0	0	6	0	1	40	2	0	0	1	0	0	0	11	0	1	1	63	62	1.8	1.8
AVG	15	66	0	9	28	0	10	160	9	0	1	16	16	0	0	31	5	2	30	318	292	4.6	4.2

Wachusett Mt, Massachusetts 1980-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	22	138	0	11	250	20	19	279	29	1	2	8901	11	0	1	144	27	9	50	9754	842	70.7	6.1
2001	21	116	0	2	163	12	17	169	33	2	1	7414	16	0	0	113	8	5	36	7991	575	69.0	5.0
2002	10	59	0	2	124	10	10	170	25	0	0	12117	5	0	1	44	12	4	38	12562	443	214.7	7.6
2003	20	122	0	1	165	20	22	225	45	0	1	1833	4	0	0	92	16	4	85	2513	679	20.6	5.6
2004	8	52	0	0	117	11	8	172	24	3	2	2978	0	0	0	45	1	1	71	3433	455	66.7	8.8
AVG	20	129	0	61	182	12	32	422	19	5	10	10608	54	0	1	106	7	3	123	11644	975	91.4	7.2

Mt Watatic, Massachusetts 1988-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	37	332	0	112	249	38	44	966	54	11	51	14318	375	0	7	126	40	19	46	16456	2026	49.6	6.1
2001	34	303	0	178	267	37	45	962	72	13	94	14570	448	1	1	201	35	14	32	16970	2222	56.0	7.3
2002	20	160	0	10	140	19	34	243	24	4	22	6122	159	1	5	43	16	4	17	6863	731	42.9	4.6
2003	14	80	0	5	61	13	10	168	13	1	6	4146	62	0	1	47	8	1	18	4560	409	57.0	5.1
2004	14	106	0	6	139	14	17	382	35	1	9	5305	28	0	0	75	9	0	18	6029	718	57.0	6.8
AVG	21	157	0	66	135	15	28	524	26	6	38	7689	157	0	2	119	13	5	39	8860	1106	64.3	7.0

Barre Falls, Massachusetts 2000-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	20	92	0	100	46	11	18	478	20	3	12	499	76	0	1	68	17	4	14	1367	768	14.8	8.3
2001	44	209	1	70	84	9	40	638	31	10	28	707	261	1	1	189	5	5	10	2090	1312	10.0	6.3
2002	49	270	0	235	92	24	35	743	68	26	85	852	351	2	5	159	28	8	26	2739	1652	10.1	6.1
2003	62	368	0	348	284	41	70	1600	150	13	124	1776	608	5	3	229	48	16	57	5372	3248	14.6	8.8
2004	66	343	0	277	206	41	52	980	103	4	60	3611	342	1	3	172	37	9	38	5936	2048	17.3	6.0
AVG	55	298	0	233	167	29	49	990	88	13	74	1737	391	2	3	187	30	10	33	4034	2065	13.0	6.8

Blueberry Hill, Massachusetts 1999-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	58	350	0	149	180	38	55	777	82	4	41	4828	294	0	3	315	3	5	37	6811	1834	19.5	5.2
2001	60	332	9	165	123	51	53	910	70	7	30	6135	352		2	486	17	5	17	8432	2123	25.4	6.4
2002	82	547	7	219	256	115	112	1068	109	2	45	6785	656	1	7	566	32	19	68	10067	3056	18.4	5.6
2003	88	511	10	274	230	106	93	1138	96	14	74	2260	771	6	8	407	17	6	56	5558	3014	10.9	5.9
2004	102	567	10	179	163	138	75	863	104	8	31	2866	550	4	4	393	21	5	72	5485	2430	9.7	4.3
AVG	81	470	6	182	206	80	79	970	94	7	44	4150	535	2	5	467	18	8	63	6913	2576	15.6	5.5

Johnnycake Mt, Connecticut 1990-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
20																							

Chestnut Hill, Connecticut 1983-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	7	43	0	0	24	5	4	44	0	0	0	2268	4	0	0	8	0	0	4	2361	93	54.9	2.2
2001	16	82	0	0	32	13	7	77	4	0	2	6988	0	0	0	24	4	0	3	7154	166	87.3	2.0
2002	18	92	0	0	41	15	11	146	2	0	3	12602	0	1	0	38	2	0	17	12878	276	139.6	3.0
2003	12	53	0	0	24	5	10	62	6	0	2	289	0	0	0	9	0	0	13	420	131	8.0	2.5
2004	11	51	0	0	28	3	1	41	6	1	0	1492	0	0	0	16	2	0	16	1606	114	31.6	2.2
AVG	9	43	0	1	28	6	4	45	4	1	1	3894	1	0	0	14	1	1	10	4011	116	98.5	2.8

Southbury, Connecticut 2000-2043

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	10	40	14	0	35	4	3	51	3	0	1	3332	27	0	0	19	0	0	19	3494	148	86.8	3.7
2001	10	41	1	0	47	6	10	52	3	0	3	4265	4	0	0	10	1	1	1	4404	138	108.7	3.4
2002	7	30	0	0	14	7	4	34	4	1	0	2039	0	0	0	3	0	0	2	2108	69	71.0	2.3
2003	9	35	0	0	11	2	2	17	4	0	6	101	11	0	1	6	0	0	14	175	74	5.0	2.1
2004	3	17	0	0	3	4	4	29	8	0	0	280	3	0	2	6	0	0	2	341	61	20.4	3.6
AVG	7	32	4	0	22	5	5	37	4	0	2	2003	9	0	1	9	0	0	8	2104	98	58.4	3.0

Torrington, Connecticut 1999-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	5	20	0	0	7	3	0	19	5	1	1	565	4	0	0	8	3	1	12	629	64	31.8	3.2
2001	7	21	0	13	13	3	1	12	7	0	2	3011	9	0	0	7	1	1	14	3094	70	148.4	3.4
2002	24	121	0	36	83	8	3	84	25	1	6	10715	23	0	0	39	3	2	44	11072	321	91.3	2.6
2003	23	113	0	0	43	7	6	91	46	2	5	1478	32	0	0	33	3	0	25	1771	293	15.7	2.6
2004	16	62	0	0	34	7	8	80	63	5	12	1746	16	0	0	36	9	3	40	2059	313	33.1	5.0
AVG	17	67	0	10	36	6	4	57	29	2	5	3503	17	0	0	25	4	1	27	3725	212	64.0	3.4

Morris Island, Massachusetts 1999-2003

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
1999	18	85	0	2	1	1	10	140	55	0	0	0	6	0	0	2	22	28	12	279	277	3.3	3.3
2000	28	98	0	1	3	2	6	174	52	0	0	0	1	0	0	5	11	42	18	315	314	3.2	3.2
2001	42	210	0	12	8	1	9	1062	124	2	2	1	2	0	0	10	36	104	31	1404	1391	6.7	6.6
2002	52	215	0	19	11	1	42	749	121	0	0	0	27	1	0	8	34	38	15	1066	1047	5.0	4.9
2003	53	250	0	33	12	1	37	667	153	4	1	1	17	0	0	6	72	61	23	1088	1054	4.4	4.2
2004	57	249	0	50	24	0	22	667	113	7	0	0	45	0	0	10	45	112	15	1110	1060	4.5	4.3
AVG	42	185	0	20	10	1	21	577	103	2	1	0	16	0	0	7	37	64	19	877	857	4.5	4.4

Maltby Lakes, Connecticut 1994-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	22	93	0	25	447	15	8	213	15	0	4	3665	16	0	0	146	8	10	18	4590	900	49.3	9.7
2001	20	95	0	15	431	9	4	125	9	0	0	415	2	0	0	97	3	8	10	1128	698	11.9	7.3
2002	20	98	0	0	358	10	11	110	11	0	0	1746	0	0	0	87	4	3	12	2352	606	24.0	6.2
2003	16	84	0	0	175	7	2	69	7	0	0	282	0	0	0	15	2	1	3	563	281	6.7	3.3
2004	15	82	0	0	245	30	4	139	9	0	0	5490	0	0	2	98	3	7	5	6029	539	73.5	6.6
AVG	16	76	0	11	266	16	11	157	10	0	2	3852	4	0	0	93	3	4	11	4440	577	64.8	7.7

Lighthouse Point, Connecticut 1980-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	99	588	0	315	967	49	388	4607	690	10	85	1152	347	1	3	1653	244	33	169	10713	9246	18.2	15.7
2001	93	551	0	178	852	23	506	8143	707	3	87	307	503	1	1	1699	326	84	193	13613	13128	24.7	23.8
2002	91	566	0	471	1418	76	413	8096	796	10	90	737	550	1	10	1808	331	50	202	15062	13854	26.6	24.5
2003	96	623	1	462	1268	47	724	7715	1170	30	153	427	928	4	2	1724	355	94	351	15461	14571	24.8	23.4
2004	91	582	0	598	1054	86	329	6662	823	9	162	3693	890	5	2	1445	344	75	323	16500	12209	28.4	21.0
AVG	94	541	0	205	1708	27	608	8448	840	15	89	2408	405	3	2	2958	393	47	453	18609	15996	34.4	29.6

East Shore Park, Connecticut 1997-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
1999	4	12	0	35	33	0	5	624	47	1	1	3	24	0	0	184	3	0	14	974	936	78.5	75.5
2000	3	10	0	29	5	1	0	211	20	1	1	2	14	0	0	23	4	0	12	323	292	33.0	29.8
2002	5	21	0	39	66	3	10	812	79	3	0	515	12	0	0	329	4	1	6	1879	1325	91.7	64.6
2003	3	14	0	31	43	2	19	538	48	0	6	25	40	0	0	48	5	6	4	815	759	60.4	56.2
2004	10	32	0	216	50	14	7	706	89	0	9	383	91	0	0	50	3	5	67	1690	1091	52.8	34.1
AVG	8	29	0	75	139	5	17	1167	67	1	2	1395	29	0	0	383	5	3	22	3309	1839	108.2	61.1

Quaker Ridge, Connecticut 1985-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	80	556	3	213	400	50	125	1834	349	10	114	14408	286	1	3	527	49	13	59	18441	3817	33.2	6.9
2001	76	593	3	618	502	49	154	2455	297	15	171	4487	228	0	5	594	44	15	106	9743	4635	16.4	7.8
2002	66	464	4	520	585	53	159	1748	292	8	69	5222	206	0	5	454	46	23	233	9627	3881	20.8	8.4
2003	75	495	7	480	311	30	151	1433	204	2	58	1044	255	1	4	342	41	17	158	4538	3007	9.2	6.1
2004	84	655	27	591	619	82	153	3274	342	11	251	6654	384	0	4	570	89	24	111	9745	2473	14.9	3.8
AVG	75	564	3	413	597	45	179	2682	232	11	133	14975	345	1	6	690	51	18	161	20358	4968	35.9	8.8

Waveny Park, Connecticut 2000-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF
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Bear Mt, New York 1997-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	67	420	0	36	152	29	23	778	81	2	25	6503	145	0	3	115	17	8	41	7958	1419	18.9	3.4
2001	68	424	0	9	143	37	45	1103	89	3	23	3175	216	0	2	182	21	4	32	5084	1900	12.0	4.5
2002	58	345	0	13	159	57	29	610	42	1	28	4480	117	0	1	132	8	1	32	5710	1217	16.5	3.5
2003	66	401	15	81	134	67	28	731	37	2	41	946	319	0	3	68	11	9	63	2555	1513	6.4	3.8
2004	46	247	0	55	55	38	15	304	40		20	1375	219		2	31	7	1	22	2184	754	8.9	3.1
AVG	62	377	2	38	128	40	29	731	59	3	23	2974	296	0	3	119	12	5	38	4501	1487	11.8	3.9

Lenoir Preserve, New York 1995-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	59	178	0	721	318	6	16	289	56	4	38	2356	350	0	0	138	14	25	13	4344	1267	24.4	7.1
2001	54	167	2	654	134	21	20	449	73	4	38	490	246	0	1	91	18	29	14	2284	1138	13.7	6.8
2002	38	147	0	613	195	18	15	289	43	6	10	1566	192	0	3	62	15	21	1	3049	870	20.8	5.9
2003	49	217	17	868	131	48	16	383	82	3	101	165	633	1	5	96	15	18	1	2583	1533	11.9	7.1
2004	52	194	10	539	95	35	19	299	58	2	24	1628	169	0	0	89	21	13	12	3013	836	15.6	4.3
AVG	46	163	4	649	172	22	16	361	58	4	47	1393	334	0	2	114	14	20	9	3218	1173	20.9	6.9

Hook Mt, New York 1980-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	53	295	3	115	202	54	88	2228	137	9	78	6898	64	0	7	498	32	18	16	10444	3428	35.4	11.6
2001	52	359	7	284	302	77	174	3229	159	11	175	13820	329	0	3	483	68	34	6	19161	5050	53.4	14.1
2002	49	259	0	205	335	55	98	2033	102	1	58	6665	92	0	2	353	43	23	12	10077	3207	38.9	12.4
2003	50	244	0	9	222	67	151	1592	132	3	29	592	43	0	3	220	54	29	4	3150	2549	12.9	10.5
2004	71	403	7	278	166	72	76	1940	185	3	89	3431	240	0	4	218	35	14	41	6799	3083	16.9	7.6
AVG	58	356	1	119	277	29	150	2891	119	12	79	7587	132	0	3	474	42	19	58	11992	4285	33.8	12.1

Mt Peter, New York 1980-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	67	434	4	103	98	24	42	1050	95	4	31	5646	199	1	3	187	12	3	93	7591	1838	17.5	4.2
2001	72	439	42	130	106	10	56	1232	98	5	33	2467	421	1	5	209	14	12	93	4934	2295	11.2	5.2
2002	58	383	6	53	187	24	45	682	63	2	37	3946	249	0	2	201	10	7	58	5572	1567	14.5	4.1
2003	62	416	58	138	181	19	66	1181	90	4	43	2110	905	1	5	167	22	9	65	5064	2758	12.2	6.6
2004	60	375	44	199	121	24	23	754	86	1	24	1913	339	1	1	78	4	8	45	3665	1509	9.8	4.0
AVG	64	413	32	91	162	13	63	1377	81	5	51	4922	460	1	4	257	12	8	96	7607	2581	18.5	6.3

Fire Island, New York 1983-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	65	445	0	0	325	4	208	273	8	5	1	0	1	1	0	1222	888	148	32	3116	3116	7.0	7.0
2001	68	473	0	0	383	4	249	561	32	7	1	0	1	1	0	888	1382	185	27	3721	3721	7.9	7.9
2002		211	0	0	52	0	78	312	8	0	0	1	0	0	0	989	497	39	43	2019	2018	9.6	9.6
2003	59	397	0	0	345	2	328	314	23	1	0	0	1	0	0	627	1228	146	6	3021	3021	7.6	7.6
2004	51	377	0	0	219	6	181	277	20	4	0	1	1	0	0	928	1190	112	13	2952	2951	7.8	7.8
AVG	59	396	0	0	281	2	221	611	18	1	0	0	1	1	0	1767	1231	151	26	4310	4310	11.3	11.3

Mohonk, New York 1993-1998, 2002-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
1997	25	97	10		55	8	5	266	24		76	973	118		3	37		5	63	1643	670	17.0	6.9
1998	30	97	0	0	34	1	20	168	15	0	2	771	87	0	2	29	2	8	57	1139	368	11.7	3.8
2002	32	113	7	0	47	5	15	232	38	0	5	1730	122	0	6	81	6	15	46	2355	618	20.9	5.5
2003	16	68	0	0	13	1	12	125	8	0	0	553	24	0	0	8	0	4	16	764	211	11.2	3.1
2004	10	40	27	0	32	4	7	88	7	1	2	1436	12	0	0	24	4	5	0	1649	186	41.7	4.7
AVG	34	145	8	19	50	6	22	417	29	2	21	1389	202	0	2	61	4	7	78	2307	913	19.0	5.8

Montclair, New Jersey 1980-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	65	474	0	722	542	91	105	2476	303	3	144	15809	409	0	3	682	99	37	1	21426	4895	45.2	10.3
2001	87	629	31	1544	449	59	125	2202	271	7	181	4296	771	0	2	525	69	40	71	10643	4772	16.9	7.6
2002	83	545	13	1200	587	66	84	2210	266	4	119	5526	577	2	1	501	58	39	87	11340	4601	20.8	8.4
2003	87	602	11	1328	521	89	163	2729	285	5	248	2225	888	1	3	425	77	34	108	9140	5576	15.2	9.3
2004	87	553	16	835	449	113	90	2295	474	3	224	5749	472	3	1	461	90	28	11	11314	4714	20.5	8.5
AVG	88	590	4	651	561	42	148	3341	136	5	169	15317	1003	2	3	753	54	22	81	22288	6316	38.2	10.8

Wildcat Ridge, New Jersey 1998-2004

	DYS	HRS	BV	TV	OS	BE	NH	SS	C	G	RS	BW	RT	RL	GE	AK	M	PF	UR	TOT	XBWV	PH	XPH
2000	88	669	26	240	200	36	28	1041	65	0	41	6098	205	0	1	145	17	0	4	8121	1757	12.1	2.6
2001	84	655	32	298	224	67	48	1099	79	2	57	11841	260	0	1	219	17	5	1	14250	2079	21.8	3.2
2002	92	518	66	266	272	54	37	785	74	0	48	4174	215	0	2	184	17	0	3	6197	1691	12.0	3.3
2003	92	536	35	170	161	39	68	976	132	1	47	960	309	0	4	114	10	3	20	3049	1884	5.7	3.5
2004	54	339	51	474	187	49	33	873	123	0	59	1960	161	0	3	82	16	2	41	4114	1629	12.1	4.8
AVG	79	549	44	310	215	49	47	969	103	3	48	4754	298	0	3	184	16	3	16	7049	1941	12.5	3.6

Picatunny Peak, New Jersey

DAILY PEAK SITE TOTALS - FALL 2004

BROAD-WINGED HAWK			RED-SHOULDERED HAWK			MERLIN			OSPREY		
Chimney Rock	2520	9/20	Quaker Ridge	38	11/10	Fire Island	155	10/11	Lighthouse	107	9/11
Quaker Ridge	2310	9/20	Quaker Ridge	37	10/20	Fire Island	127	10/12	Lighthouse	74	9/13
Watatic	1908	9/13	Montclair	32	11/10	Fire Island	107	9/19	Lighthouse	72	9/14
Montclair	1884	9/19	Chimney Rock	32	10/21	Fire Island	84	10/5	Lighthouse	64	9/23
Watatic	1816	9/14	Wildcat Ridge	31	10/20	Fire Island	60	10/20	Chimney Rock	56	9/23
Montclair	1648	9/20	Southbury	30	9/12	Fire Island	53	9/23	Maltby Lakes	51	9/22
Chimney Rock	1605	9/19	Montclair	29	10/22	Fire Island	49	9/29	Chimney Rock	51	9/14
Hook Mt	1377	9/19	Montclair	29	10/20	Fire Island	44	9/21	Lighthouse	50	9/22
Maltby Lakes	1366	9/22	Hook Mt	28	11/10	Fire Island	43	10/3	Wachusett	47	9/21
Quaker Ridge	1337	9/19	Chimney Rock	26	10/22	Fire Island	35	10/10	Lighthouse	46	9/20
Little Round Top	1327	9/12	Lighthouse	25	11/9	S Hapswell	33	9/13	Chimney Rock	45	9/22
Lighthouse	1320	9/19	Montclair	24	11/9	S Hapswell	28	10/12	Lighthouse	44	9/19
Lighthouse	1241	9/23	Quaker Ridge	21	11/8	Fire Island	28	9/13	S Hapswell	43	9/13
P Monadnock	1235	9/14	Quaker Ridge	18	10/13	Fire Island	28	10/18	Lighthouse	41	9/26
Barre Falls	1201	9/13	Barre Falls	18	10/20	Fire Island	27	10/2	S Hapswell	38	9/20
Torrington	1193	9/19	Chimney Rock	17	11/9	S Hapswell	26	10/11	Quaker Ridge	37	9/22
Maltby Lakes	1169	9/21	Quaker Ridge	17	10/28	Fire Island	26	9/20	Quaker Ridge	37	9/12
Little Rount Top	1155	9/15	Quaker Ridge	17	11/14	Fire Island	24	9/22	Maltby Lakes	37	9/23
Wachusett	1135	9/21	Lighthouse	16	11/14	Fire Island	24	10/1	Fire Island	36	9/19
Barre Falls	1094	9/21	Lighthouse	16	11/13	Lighthouse	22	10/12	Lighthouse	36	9/21
Blueberry	1084	9/13	Chimney Rock	16	10/26	Lighthouse	20	10/11	Lighthouse	33	9/29
Watatic	1036	9/11	Shatterack	15	10/20	Fire Island	20	9/30	Lighthouse	33	10/1
Maltby Lakes	945	9/17	Lighthouse	15	10/20	Fire Island	19	9/26	S Hapswell	33	9/19
Putney Mt	917	9/14	Chimney Rock	13	10/27	Fire Island	18	9/11	Maltby Lakes	33	9/12
S Hapswell	907	9/20	Quaker Ridge	13	11/9	Fire Island	18	9/14	Quaker Ridge	32	9/13
Wildcat Ridge	877	9/11	Chimney Rock	13	10/12	Chimney Rock	17	9/22	Quaker Ridge	32	9/11
Maltby Lakes	875	9/20	Hook Mt	13	10/28	Lighthouse	16	10/10	Sunrise Mt	31	9/19
Maltby Lakes	874	9/23	Picatinny	12	10/31	Fire Island	16	9/15	Lighthouse	31	9/10
Putney Mt	873	9/12				Fire Island	16	9/16	Maltby Lakes	31	9/21
Chestnut Hill	857	9/19	BALD EAGLE			Chimney Rock	15	9/23	Quaker Ridge	30	9/2
Blueberry	852	9/19	Montclair	15	9/10	Lighthouse	15	9/19	Lighthouse	30	9/16
Lenoir	848	9/20	Quaker Ridge	14	9/19	Lighthouse	15	9/29	Quaker Ridge	29	9/24
			Chimney Rock	12	9/19	Fire Island	15	10/22	Lighthouse	29	9/15
RED-TAILED HAWK			Chimney Rock	11	9/22	Fire Island	15	10/21	Lighthouse	28	9/6
Montclair	97	11/9	Lighthouse	10	10/3	Fire Island	14	10/4	Quaker Ridge	27	10/1
Bear Mt	83	11/10	Blueberry	10	9/26	Lighthouse	13	10/5	Lighthouse	27	9/5
Blueberry	75	11/13	Little Round Top	10	9/5	Lighthouse	13	9/13	Montclair	26	9/11
Lighthouse	75	11/14	P Monadnock	9	9/14	Chimney Rock	13	9/14	Watatic	26	9/21
Blueberry	70	11/14	Wildcat Ridge	8	9/19	Cadillac Mt	13	9/20	Quaker Ridge	25	9/20
Hook Mt	68	11/10	Lenoir	8	9/14	Cadillac Mt	13	9/26	Montclair	25	9/24
Montclair	65	11/10	Blueberry	8	10/10	S Hapswell	12	9/19	East Shore	25	9/23
Sunrise Mt	62	10/31	Picatinny	8	9/19	Chimney Rock	12	10/12			
Lighthouse	58	11/13	Montclair	8	9/6	Fire Island	12	9/24	NORTHERN HARRIER		
Picatinny	58	10/31	Blueberry	7	9/19				Chimney Rock	21	9/22
Blueberry	57	11/9	Lighthouse	7	10/18	PEREGRINE FALCON			Chimney Rock	19	9/23
Lighthouse	57	10/28	Lighthouse	7	10/11	Fire Island	11	10/12	Chimney Rock	19	9/20
Shatterack	57	11/8	Lighthouse	7	9/13	Fire Island	11	9/26	Quaker Ridge	19	9/20
Lighthouse	56	10/26	Blueberry	7	9/13	Fire Island	11	9/26	Fire Island	19	10/12
Lighthouse	55	11/9	Wildcat Ridge	7	9/11	Chimney Rock	11	10/2	Lighthouse	19	10/12
Lighthouse	55	11/10	Barre Falls	7	9/21	Fire Island	9	10/2	Lighthouse	18	10/3
Quaker Ridge	52	11/10	Chimney Rock	7	9/23	Fire Island	8	9/29	Lighthouse	18	11/3
Shatterack	52	11/1	Johnnycake Mt	7	9/14	Lighthouse	7	10/11	Lighthouse	17	9/13
Barre Falls	51	11/9	Maltby Lakes	7	9/17	Fire Island	7	10/4	Fire Island	17	10/21
Mt Peter	51	11/9	Maltby Lakes	7	9/20	Lighthouse	7	10/3	Fire Island	15	10/11
Lighthouse	49	10/22	S Hapswell	7	9/13	Fire Island	6	10/10	Fire Island	15	9/22
Lighthouse	46	11/8	State Line	7	9/20	S Hapswell	6	10/12	Lighthouse	14	10/11
Lighthouse	42	10/11	State Line	7	9/11	Lighthouse	6	10/10	Fire Island	14	10/5
Putney Mt	42	10/27	Sunrise Mt	7	9/19	Fire Island	5	10/8	S Hapswell	13	9/13
Hook Mt	39	11/2	East Shore	6	10/11	Chimney Rock	5	9/19	Lighthouse	11	9/14
Mt Peter	39	10/26	Chimney Rock	6	9/20	Lighthouse	5	10/31	Quaker Ridge	11	9/23
Chimney Rock	38	10/27	Montclair	6	9/26	Fire Island	4	10/11	Fire Island	11	10/20
Lighthouse	35	10/5	Chimney Rock	6	9/11	Fire Island	4	9/23	Lighthouse	10	10/1
Mt Peter	35	11/1	Wachusett	6	9/21	Fire Island	4	9/30	Lighthouse	10	11/1
Putney Mt	33	10/18	Blueberry	6	9/5	Fire Island	4	10/7	Lighthouse	9	9/19
Sunrise Mt	32	11/13	Montclair	6	9/19	Quaker Ridge	4	10/13	S Hapswell	9	9/20
Lighthouse	31	10/27	Quaker Ridge	6	9/14	Lighthouse	4	9/23	Fire Island	9	9/23
			S Hapswell	6	9/10	Chimney Rock	4	9/26	Flirt Hill	9	9/20
			State Line	6	9/14	Sunrise Mt	4	9/19	Lighthouse	9	11/14
						Hook Mt	4	10/4			

CADILLAC MT - MT DESERT ISLAND, MAINE

Jim Zeman, A. King-Johnston, Keith Doran, Lara Halter, Tony Linforth, others

Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
8/2	1	1	0	0	0	2	0	0	0	0	0	0	0	0	3
8/22	4	3	4	0	2	3	1	2	0	0	0	0	0	0	16
8/23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/24	5	2	3	0	1	2	0	1	3	0	0	0	0	0	14
8/25	5	50	8	0	4	11	7	2	3	0	0	0	0	0	87
8/26	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/28	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/30	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8/31	4	0	1	0	0	1	0	0	0	0	0	0	0	0	2
9/1	5	1	1	0	1	6	0	2	0	0	0	0	0	0	12
9/2	5	3	14	0	4	40	2	19	4	0	1	0	0	0	94
9/3	5	0	2	0	3	7	0	0	1	0	0	0	0	0	14
9/4	5	1	2	0	1	9	1	1	0	1	0	0	0	0	17
9/5	6	6	8	0	5	26	2	7	1	2	0	0	0	0	60
9/6	5	0	0	0	0	0	0	1	0	0	0	0	0	0	1
9/7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9/11	7	1	13	0	3	49	2	22	1	0	0	0	0	0	98
9/12	5	2	6	0	1	23	3	4	0	0	0	0	1	0	43
9/13	8	42	19	0	3	84	6	192	11	1	0	1	0	0	361
9/14	6	1	6	0	2	64	2	16	0	0	0	3	0	0	97
9/15	5	0	0	0	0	3	0	0	0	1	0	0	0	0	4
9/16	4	0	0	0	0	1	0	0	0	0	0	0	0	0	1
9/17	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19	5	3	5	0	4	21	2	30	0	2	0	0	0	0	71
9/20	8	152	15	2	6	54	3	132	13	1	0	2	0	0	385
9/21	7	190	13	0	5	164	7	86	7	0	0	10	0	0	497
9/22	6	0	7	0	0	19	1	9	0	0	0	0	0	0	37
9/23	7	26	17	0	6	82	3	152	9	1	0	3	0	1	306
9/24	6	1	12	0	8	36	2	3	2	0	0	2	0	0	73
9/25	5	0	0	0	1	1	0	0	0	0	0	0	0	0	2
9/26	6	1	9	0	2	27	3	63	13	1	0	0	0	0	123
9/27	5	1	1	0	0	0	0	0	0	0	0	0	0	0	3
9/29	4	0	1	0	1	6	0	3	0	3	0	0	10	0	26
9/30	5	2	1	0	3	10	1	11	1	0	0	0	0	0	30
10/1	5	0	2	0	1	9	1	0	0	0	0	0	0	0	15
10/2	5	0	0	0	0	0	0	1	0	0	0	0	0	0	1
10/3	6	0	4	0	4	6	1	3	0	0	0	0	0	0	19
10/5	5	0	1	0	2	8	1	13	5	1	0	0	0	0	33
10/6	4	0	0	0	0	1	0	1	0	0	0	0	0	0	2
10/7	5	0	0	0	0	1	0	0	0	0	1	0	0	0	2
10/8	5	0	0	0	1	0	0	0	0	0	0	0	0	0	1
10/9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/10	3	0	0	0	1	13	0	0	3	0	0	0	2	1	21
10/11	6	1	0	0	3	35	0	33	5	2	0	1	0	0	82
10/13	6	0	4	0	2	18	1	1	3	2	0	1	0	0	34
10/18	2	0	0	0	0	5	0	0	0	0	0	0	0	0	5
10/19	5	4	3	0	1	16	4	4	7	0	0	4	0	0	43
10/20	5	0	0	3	0	20	1	1	2	1	0	8	1	0	39
10/21	3	0	0	0	1	2	1	3	1	2	0	0	0	0	12
10/22	4	0	0	0	0	15	0	1	2	0	0	1	1	0	21
10/26	4	0	0	2	2	16	1	0	0	0	0	3	0	0	24
10/27	4	0	0	0	1	13	0	0	1	0	0	2	0	0	18
10/28	5	0	0	2	3	15	0	0	0	0	8	0	0	0	31
10/29	4	0	0	0	0	0	0	0	0	0	0	1	0	0	9
11/1	3	0	0	2	1	4	0	0	0	0	0	1	0	0	2
11/2	4	0	0	2	0	15	0	0	0	0	0	5	0	0	23

PINNACLE ROCK, MASSACHUSETTS

Craig Jackson

Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
9/6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1
9/19	7	1	2	0	1	17	0	8	0	0	0	0	0	0	29
9/26	4	0	1	0	0	9	1	3	0	0	0	0	0	0	14
9/27	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/2	3	0	1	0	0	0	0	0	0	0	0	0	0	0	1
10/3	4	0	0	0	0	6	0	0	0	0	0	0	0	0	6
10/10	5	0	1	0	0	2	0	0	0	1	0	0	0	0	4
10/11	4	0	1	0	0	3	0	0	0	0	0	0	0	0	4
10/16	2	0	0	0	0	1	1	0	0	0	0	0	0	0	2
10/17	2	0	0	0	0	1	0	0	0	0	0	0	0	0	1

SOUTH HARPSWELL, MAINE

George Appell

Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
9/4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/8	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
9/9	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
9/10	2	0	22	6	1	33	0	2	2	0	0	0	0	0	70
9/11	2	0	2	0	0	3	1	0	0	0	0	0	0	0	7
9/13	8	45	43	7	13	273	2	69	33	2	0	0	6	0	500
9/14	1	0	0	0	1	1	0	0	0	0	0	0	1	0	3
9/15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/18	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0
9/19	9	59	33	3	7	201	2	70	12	0	0	4	0	0	394
9/20	8	907	38	4	9	197	5	59	8	0	0	1	0	0	1232
9/21	4	124	15	5	5	55	0	20	0	0	0	0	0	0	225
9/22	2	2	5	0	1	4	0	1	0	1	0	0	0	0	14
9/23	4	5	5	1	0	19	1	7	1	0	0	0	0	0	39
9/24	1	0	1	0	0	1	0	0	0	0	0	0	0	0	2
9/25	2	0	1	0	1	0	0	0	0	0	0	0	0	0	2
9/26	2	0	2	0	0	8	0	0	0	1	0	0	0	0	11
9/27	1	0	0	0	0	1	0	0	0	0	0	0	0	0	2
9/29	2	0	0	0	0	5	0	1	1	0	0	0	0	0	7
9/30	2	0	0	0	0	4	0	0	0	0	0	0	0	0	0
10/1	2	0	0	0	0	4	1	0	0	0	0	0	0	0	0
10/2	2	0	0	2	0	0	0	0	1	0	0	0	0	0	0
10/3	4	0	0	2	0	5	0	1	1	1	0	0	0	0	11
10/4	2	0	4	2	0	2	0	0	1	1	0	0	0	0	10
10/5	8	0	2	4	2	43	2	3	11	0	0	1	1	0	72
10/6	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0
10/7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/8	2	0	0	1	0	0	0	0	0	1	0	0	0	0	2
10/9	3	0	0	0	1	0	0	0	0	3	0	0	0	0	0
10/10	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0
10/11	9	5	3	3	8	210	10	83	26	1	0	3	19	0	384
10/12	7	0	24	2	3	98	1	43	28	6	1	2	4	0	216
10/13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/14	3	0	4	2	0	12	0	0	1	1	0	1	0	0	22
10/16	2	0	0	0	0	3	0	0	0	0	0	0	0	0	3
10/17	3	0	1	0	1	1	0	0	0	1	0	0	0	0	4
10/18	1	0	0	0	0	2	0	0	0	0					

PUTNEY MT, VERMONT													
John Anderson, others													
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV NG GE	TOT
8/25	2	0	1	0	0	0	0	0	0	0	0	0	1
8/27	2	0	0	0	0	0	0	0	0	0	0	0	1
8/28	3	0	0	0	0	1	0	0	0	0	0	0	1
8/29	2	0	0	0	0	0	0	0	0	0	0	0	1
8/31	1	0	0	0	0	0	1	0	0	0	0	0	1
9/1	5	2	1	0	0	5	1	0	0	1	0	0	9
9/2	3	2	1	0	0	2	1	0	0	0	0	0	5
9/3	7	3	4	2	0	1	1	2	0	0	0	0	10
9/4	7	4	3	4	2	6	0	0	0	0	0	0	15
9/5	6	16	3	1	1	5	0	3	0	0	0	0	29
9/6	7	36	1	2	1	10	0	3	0	0	0	0	56
9/7	4	12	2	0	0	2	0	0	0	0	0	0	17
9/8	1	0	1	0	0	0	0	0	0	0	0	0	1
9/10	9	169	11	0	3	33	1	1	0	0	0	0	218
9/11	8	460	2	0	1	30	2	3	0	0	0	0	499
9/12	9	873	1	3	2	33	2	7	0	0	0	0	922
9/13	9	259	7	0	2	78	4	26	1	0	0	0	378
9/14	8	917	12	2	1	21	1	2	0	0	0	0	958
9/15	8	166	12	0	0	11	0	2	0	0	0	1	193
9/16	9	760	10	2	0	24	0	5	1	1	0	17	821
9/17	2	0	0	0	0	0	0	0	0	0	0	0	0
9/18	2	11	0	0	0	1	1	3	0	1	0	0	17
9/19	9	247	6	0	2	54	4	15	1	1	0	0	332
9/20	8	82	2	2	1	40	1	7	1	0	0	1	141
9/21	8	1	3	0	0	12	1	3	1	0	0	0	20
9/22	7	2	3	0	0	10	5	1	0	0	0	0	21
9/23	7	1	1	1	1	11	1	0	0	0	1	0	18
9/24	7	22	6	1	2	35	1	8	0	2	0	0	57
9/25	3	0	0	0	0	0	0	0	0	0	0	0	0
9/26	9	2	4	1	1	37	6	9	0	2	0	1	65
9/27	3	0	1	0	0	1	0	0	0	0	0	0	2
9/29	8	0	3	0	0	16	0	3	1	3	0	2	29
9/30	7	0	0	0	0	10	1	1	0	0	0	0	12
10/1	6	0	3	0	0	29	2	0	0	0	4	0	38
10/2	3	0	0	0	0	0	0	0	0	0	0	0	0
10/3	8	2	9	0	0	19	1	1	0	1	0	1	37
10/4	2	0	0	0	0	1	0	0	0	0	0	0	1
10/5	7	0	4	1	1	29	4	5	1	0	1	7	55
10/6	5	0	0	0	0	2	1	1	1	0	0	0	6
10/7	6	0	1	0	2	17	3	3	1	0	0	0	27
10/8	6	0	2	1	2	9	5	0	0	1	0	2	22
10/9	3	0	0	0	0	0	0	0	0	0	0	0	0
10/10	8	0	4	0	1	76	1	18	3	2	0	5	112
10/11	3	0	1	0	1	12	2	1	0	2	0	2	22
10/12	7	0	7	0	0	15	0	3	2	1	0	4	37
10/13	5	0	0	0	0	6	1	2	1	0	1	0	12
10/14	4	0	0	0	0	7	2	0	0	0	0	0	11
10/16	6	0	0	0	1	27	2	0	0	1	0	7	39
10/17	5	0	0	0	1	38	4	3	1	0	0	6	60
10/18	7	0	0	0	0	45	9	7	1	2	0	33	106
10/20	5	0	1	0	0	16	2	1	0	0	2	13	36
10/21	4	0	0	0	3	6	0	0	0	0	0	0	9
10/23	4	0	0	0	0	5	1	0	0	0	0	2	9
10/24	5	0	0	0	0	3	0	0	0	0	0	20	23
10/25	4	0	0	0	0	5	0	0	0	1	1	10	18
10/26	1	0	0	0	0	2	0	0	0	0	0	0	2
10/27	7	0	0	0	0	12	1	1	0	0	0	42	57
10/28	5	0	0	0	0	1	0	0	0	0	0	14	15
10/29	5	0	1	1	0	2	0	0	0	0	3	0	8
10/31	6	0	0	0	0	2	1	0	0	0	0	17	21
11/6	6	0	0	2	0	0	0	0	0	0	0	16	21
11/7	1	0	0	0	0	1	0	0	0	0	0	0	1

SHATTERACK MT - RUSSELL, MASSACHUSETTS													
Tom Swochak													
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV NG GE	TOT
10/16	2	0	2	1	1	8	0	0	1	0	0	3	16
10/17	3	0	0	1	0	28	3	1	0	2	0	7	48
10/18	6	0	4	0	0	64	5	1	2	1	0	6	93
10/20	6	0	1	2	1	36	2	1	1	0	15	25	94
10/21	2	0	0	0	1	4	0	1	0	0	1	4	12
10/22	3	0	0	1	2	4	0	0	0	0	0	1	11
10/23	2	0	0	0	0	4	0	0	0	0	2	5	11
10/26	5	0	0	0	0	2	0	0	0	0	3	3	17
10/27	4	0	0	0	0	6	0	0	0	0	0	6	16
10/28	4	0	0	0	0	2	0	0	0	0	1	11	14
10/29	3	0	0	0	1	1	0	0	0	0	0	0	2
10/31	6	0	0	0	0	5	0	0	0	0	0	10	25
11/1	6	0	0	0	0	6	1	0	0	0	2	52	61
11/3	4	0	1	0	2	3	0	0	0	0	0	6	13
11/4	1	0	0	0	0	0	0	0	0	0	0	0	0
11/5	4	0	0	0	0	2	0	0	0	0	0	2	7
11/6	5	0	2	0	1	2	1	0	0	0	1	30	41
11/8	7	0	0	0	0	4	0	0	0	0	3	57	66

BARRE FALLS, MASSACHUSETTS													
Barton Kamp, David Grant, Donna Schilling, Don Gardella, Tom Carrolan													
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV NG GE	TOT
8/22	5	2	1	0	0	0	0	1	0	0	0	0	4
9/1	5	2	3	0	0	5	0	5	0	0	0	2	17
9/2	5	6	3	3	2	1	0	0	0	0	0	2	18
9/5	7	8	11	2	1	11	1	0	0	0	0	6	42
9/6	6	15	9	0	0	19	4	2	0	0	0	3	54
9/10	4	22	4	0	0	9	0	0	0	0	0	0	35
9/11	8	222	9	0	1	21	6	2	0	0	0	1	263
9/12	6	22	12	1	1	13	2	1	0	0	0	1	53
9/13	10	1201	23	3	2	26	2	9	3	0	0	8	1284
9/14	9	250	16	0	1	25	2	10	3	0	0	1	309
9/15	6	2	7	0	1	15	1	4	2	0	0	1	33
9/19	9	330	12	1	3	46	3	3	1	0	0	2	403
9/20	7	63	5	0	0	18	1	7	1	0	0	3	100
9/21	8	1094	24	7	2	53	0	20	0	0	0	2	1204
9/22	6	146	6	1	2	46	0	10	0	0	0	0	211
9/23	5	36	4	1	1	34	0	4	0	1	0	2	83
9/24	6	122	3	2	0	36	3	5	0	1	0	2	174
9/26	6	2	4	0	1	25	0	2	0	0	0	0	34
9/27	6	10	3	5	2	27	1	8	0	0	0	3	60
9/30	6	2	1	0	0	30	0	7	0	0	0	0	40
10/1	6	52	5	0	2	71	1	3	1	1	0	0	139
10/3	6	1	1	1	1	13	3	4	0	0	0	7	34
10/4	6	1	6	0	1	26	0	23	2	0	0	1	61
10/5	5	0	0	0	0	12	0	2	0	0	0	3	17
10/6	5	0	1	0	0	16	0	0	0	0	0	8	30
10/7	4	0	0	0	0	4	1	0	0	0	0	0	5
10/10	6	0	4	0	0	26	4	4	3	0	0	1	53
10/11	8	0	5	0	0	60	4	6	4	2	1	3	93
10/12	7	0	4	1	1	42	5	12	1	1	0	3	79
10/13	6	0	1	0	0	29	2	11	2	0	0	4	49
10/14	4	0	5	0	0	24	2	0	1	2	2	2	53
10/16	5	0	2	0	2	15	2	0	1	0	0	1	25
10/17	6	0	4	2	1	9	6	1	2	0	0	6	32
10/18	8	0	0	1	0	62	11	3	5	0	2	6	93
10/20	8	0	1	2	5	38	21	1	5	1	18	16	288
10/21	2	0	0	0	1	1	1	1	0	0	1	6	16
10/23	6	0	3	0	4	26	2	1	0	0	5	23	78
10/25	3	0	0	0	0	2	0	0	0	0	0	0	2
10/26	5	0	0	0	0	3	1	0	0	0	7	1	16
10/27	5	0	0	0	2	11	0	0	0	0	2	12	34
10/28	6	0	0	1	0	7	1	0	0	0	4	1	15
10/29	5	0	0	1	0	0	0	0	0	0	0	0	2
10/31	5	0	0	3	1	4	1	0	0	0	2	6	23
11/1	6	0	0	0	0	4	2	0	0	0	0	6	12
11/3	6	0	1	0									

BLUEBERRY HILL - GRANVILLE, MASSACHUSETTS

John Weeks, Joe & John Wojtanowski, Seth Kellogg, Pam Witasek, others

Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
8/24	6	10	2	2	0	0	0	0	0	1	1	0	0	0	17
8/25	5	0	0	0	0	0	0	0	0	1	0	0	0	0	2
8/26	3	1	0	1	2	4	0	0	0	0	0	0	0	0	8
8/29	4	0	0	0	0	0	3	0	0	0	0	0	0	0	3
8/31	3	0	0	0	0	0	1	0	0	0	0	0	0	0	1
9/1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/2	4	0	1	2	2	2	0	1	0	0	0	0	0	0	9
9/3	6	6	5	0	1	1	0	4	0	0	0	0	0	0	17
9/4	7	3	5	1	0	3	0	2	1	1	0	0	0	0	16
9/5	6	10	5	6	2	6	1	5	0	0	0	0	0	0	35
9/6	7	23	6	3	0	7	0	2	0	0	0	3	0	1	45
9/7	4	0	3	0	0	1	0	3	0	0	0	0	0	0	7
9/10	6	84	13	5	0	4	0	6	0	0	0	0	0	1	113
9/11	5	26	1	0	1	11	5	0	0	0	0	0	0	0	44
9/12	6	169	8	1	0	20	0	18	0	0	0	0	0	0	216
9/13	8	1084	12	7	4	40	3	9	0	0	0	1	0	0	1161
9/14	7	479	4	4	3	17	1	3	1	0	0	0	0	1	513
9/15	7	11	3	3	2	8	1	5	1	0	0	1	0	0	35
9/16	6	4	12	2	0	12	1	7	0	0	0	0	0	0	39
9/17	1	0	0	0	0	2	0	0	0	0	0	0	0	0	2
9/19	9	852	10	7	6	82	4	55	1	0	2	2	0	1	1025
9/20	5	2	1	3	2	20	1	12	0	0	0	1	0	0	42
9/21	6	64	4	2	2	33	0	13	0	0	0	1	0	0	120
9/22	8	5	8	2	0	35	1	16	0	0	0	0	0	0	68
9/23	7	2	1	3	1	30	1	11	0	0	0	3	0	0	52
9/24	5	10	3	0	2	9	0	5	0	0	0	0	0	0	30
9/25	7	6	12	2	1	9	0	11	1	0	0	0	0	0	43
9/26	8	6	5	10	2	60	4	32	0	0	0	0	0	0	121
9/27	7	4	2	2	0	15	1	6	0	0	0	0	0	0	30
9/29	7	0	0	2	0	9	2	3	0	0	0	0	0	0	17
9/30	6	0	2	1	2	6	0	21	0	0	0	0	0	0	32
10/1	6	3	0	0	1	15	6	10	0	0	0	0	0	3	38
10/2	8	0	4	1	0	8	1	6	0	1	0	0	0	0	21
10/3	8	0	1	5	0	32	17	13	1	2	1	9	0	1	86
10/4	7	0	10	2	0	4	1	4	0	0	0	1	12	0	34
10/5	9	1	3	4	3	34	4	18	1	0	0	8	16	0	97
10/6	7	1	1	1	0	13	1	17	0	0	0	0	1	1	37
10/7	7	0	1	0	0	6	1	7	0	1	0	0	0	0	16
10/8	7	0	3	1	0	16	0	8	2	0	0	0	0	1	32
10/9	7	0	0	1	0	3	1	6	0	0	0	0	0	0	11
10/10	8	0	0	8	3	46	5	14	1	0	0	1	4	0	83
10/11	8	0	2	0	0	58	0	8	2	0	2	5	23	0	112
10/12	7	0	2	0	0	44	2	10	2	0	2	8	2	0	75
10/13	8	0	2	0	3	23	3	2	0	0	0	7	2	0	43
10/14	4	0	0	0	1	7	4	7	0	0	0	0	0	0	20
10/16	5	0	4	0	1	1	1	2	2	0	0	0	14	0	25
10/17	7	0	1	1	1	18	0	3	2	0	0	0	16	0	43
10/18	6	0	1	2	1	27	4	4	2	0	0	5	8	0	56
10/19	2	0	0	0	0	0	0	0	1	0	0	0	0	0	1
10/20	7	0	0	1	0	4	4	0	0	0	1	8	47	0	66
10/21	6	0	0	0	2	9	4	1	0	0	4	2	10	0	32
10/22	6	0	0	1	0	5	3	0	0	0	2	8	8	3	30
10/23	7	0	0	1	0	3	3	0	0	0	1	8	1	0	19
10/24	6	0	0	0	1	0	2	0	0	0	0	0	0	0	3
10/25	5	0	0	0	0	3	1	0	0	0	0	11	0	0	18
10/26	7	0	0	1	0	7	0	0	0	0	0	8	9	0	25
10/27	6	0	0	0	3	4	2	0	0	0	0	3	1	0	14
10/28	7	0	0	0	2	5	2	0	0	0	2	2	1	0	16
10/29	6	0	0	0	3	1	0	0	0	0	0	2	0	0	7
10/31	6	0	0	1	0	1	0	0	0	0	0	2	0	0	4
11/1	5	0	0	2	1	0	0	0	0	0	0	26	1	0	30
11/2	5	0	0	0	0	1	0	0	0	0	0	3	0	0	4
11/3	6	0	0	1	0	1	0	0	0	0	0	16	0	0	22
11/4	4	0	0	0	1	1	0	0	0	0	0	16	0	1	19
11/5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/6	6	0	0	0	0	0	0	0	0	0	0	4	2	0	6
11/7	6	0	0	0	0	1	0	0	0	0	0	13	0	0	14
11/8	7	0	0	2	1	0	0	0	0	0	2	27	0	0	39
11/9	7	0	0	2	2	2	0	0	0	0	1	57	0	0	66
11/10	6	0	0	1	0	0	0	0	0	0	0	15	0	0	16
11/11	6	0	0	0	1	0	0	0	0	0	0	3	0	0	4
11/12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/13	6	0	0	0	1	4	2	0	0	0	3	75	0	0	92
11/14	5	0	0	3	2	1	2	0	0	0	2	70	0	0	85
11/15	7	0	0	0	0	2	1	0	0	0	2	26	1	0	32
11/16	5	0	0	2	2	2	0	0	0	0	0	3	0	0	9
11/17	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/18	4	0	0	3	0	0	0	0	0	0	0	1	0	0	4
11/19	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/20	5	0	0	0	1	2	0	0	0	0	0	5	0	0	8
11/21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/22	4	0	0	1	0	1	0	0	0	0	0	0	0	0	2

BLUEBERRY HILL - GRANVILLE, MASSACHUSETTS

Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
11/23	4	0	0	2	0	1	0	0	0	0	0	2	0	0	5
11/24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11/25	2	0	0	0	0	0	0	0	0	0	0	1	0	0	1
11/26	7	0	0	4	0	0	0	0	0	0	0	11	0	0	15
11/27	6	0	0	0	1	0	0	0	0	0	0	6	0	0	7
11/29	6	0	0	1	0	0	0	0	0	0	2	22	0	0	25
11/30	5	0	0	2	1	0	0	0	0	0	0	0	0	0	3
12/2	5	0	0	3	0	1	0	0	0	0	0	0	0	0	4
12/3	5	0	0	0	0	0	0	0	0	0	0	2	0	0	2
12/4	5	0	0	0	0	0	0	0	0	0	0	5	0	0	5
12/5	4	0	0	3	0	0	0	0	0	0	0	4	0	0	7
12/6	4	0	0	0	0	0	0	0	0	0	0	1	0	0	1
12/8	4	0	0	0	0	0	0	0	0	0	0	2	0	0	2
12/9	5	0	0	0	0	0	0	0	0	0	0	2	0	0	2
12/11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12/12	5	0	0	0	0	0	0	0	0	0	0	7	0	0	7
12/13	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1
12/14	7	0	0	0	0	0	0	0	0	0	0	9	0	0	10
12/15	7	0	0	3	0	0	0	0	0	0	0	4	0	0	8
12/24	1	0	0	1	0	0	0	0	0	0	0	1	0	0	2

LITTLE RIVER LOOKOUT, WESTFIELD, MASSACHUSETTS

Tom Swochak

Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BV	NG	GE	TOT
9/6	6	0	6	0	0	1	0	3	0	0	1	0	0	0	11
9/7	6	1	2	1	1	5	1	3	1	0	0	0	0	0	15
9/10	6	49	1	0	1	5	0	0	0	0	0	0	0	0	56
9/11	7	29	1	0	0	7	1	0	0	0	2	0	1	0	41
9/12	6	3	2	2	0	3	0	0	0	0	0	0	0	0	10
9/13	6	312	8	3	2	9	0	6	0	0	2	1	0	0	344
9/14	6	608	7	1	1	9	0	12	1	1	0	0	0	0	641
9/15	5	1	0	1	0	4	0	7	1</						

TORRINGTON, CONNECTICUT														
Ray Belding, Nolan Britt														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/14	9	469	7	0	0	6	4	4	0	0	0	1	0	494
9/15	6	3	5	1	0	1	8	4	0	0	0	2	0	27
9/16	4	9	2	0	0	2	2	1	0	0	0	0	0	17
9/17	3	0	2	0	1	2	1	2	1	0	0	0	0	9
9/19	8	1193	3	1	0	31	7	6	1	1	0	3	0	1250
9/20	5	8	4	1	0	6	6	1	0	0	1	2	0	32
9/21	7	29	5	4	0	2	7	4	2	0	3	1	0	60
9/22	4	1	0	0	0	0	2	1	0	0	2	0	0	8
9/23	6	21	4	0	3	5	3	4	1	1	1	1	0	49
9/24	3	9	1	0	2	4	5	1	3	0	1	0	0	34
9/26	2	0	1	0	0	1	0	1	0	0	0	0	0	4
9/27	3	3	0	0	2	4	4	4	1	1	1	1	0	23
10/1	2	1	0	0	0	10	12	1	0	0	2	3	0	34
10/4	2	0	0	0	0	2	2	2	0	0	0	1	0	9
10/6	2	0	0	0	0	4	0	0	0	0	1	1	0	9

JOHNNYCAKE MT - BURLINGTON, CONNECTICUT														
Paul Carrier														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/11	5	217	1	0	1	8	0	2	0	0	1	0	0	232
9/12	3	24	3	2	0	6	0	10	1	0	0	0	0	46
9/13	3	13	2	1	0	1	0	1	0	1	0	0	0	19
9/14	5	355	14	7	0	15	0	8	1	0	0	0	0	400
9/15	2	1	0	0	0	2	0	1	0	0	0	0	0	4
9/20	5	60	3	3	2	11	0	6	1	1	0	0	0	87
9/21	4	45	4	0	2	20	1	3	1	0	0	0	0	76
9/23	4	24	17	1	0	20	1	6	0	0	1	0	0	70

HERITAGE PARK - SOUTHURY, CONNECTICUT														
Polly Brody, Carol Titus, others														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/13	3	667	1	0	1	1	1	2	0	0	0	1	0	676
9/15	3	3	0	0	0	0	0	1	0	0	0	0	0	4
9/16	3	6	3	0	0	7	1	1	0	0	0	0	0	20
9/19	7	383	5	2	0	13	0	5	0	0	0	0	0	414
9/20	6	223	2	0	0	7	0	1	0	0	0	1	0	235
9/21	2	29	1	0	0	2	0	0	0	0	0	0	0	33

TAINÉ MT - BURLINGTON, CONNECTICUT														
Lois Aldi, Lisa Lozier														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/12	3	2	2	0	0	4	0	0	0	0	0	0	0	8
9/14	5	86	0	0	0	3	0	0	0	0	0	0	0	89
9/19	6	120	11	2	0	18	0	0	0	0	0	0	1	152
9/20	2	4	0	0	0	5	0	0	0	0	0	0	0	9

WAVENY PARK - NEW CANAAN, CONNECTICUT														
Elsbeth Johnson														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/10	2	0	2	0	0	1	0	0	0	0	0	0	0	3
9/11	4	0	0	0	0	2	0	0	0	0	0	0	0	2
9/12	7	114	17	1	0	28	3	4	0	0	1	0	0	169
9/13	5	9	2	1	0	6	0	0	0	1	0	0	0	19
9/14	4	20	18	0	1	29	0	1	1	0	0	0	0	70
9/15	3	0	1	0	0	14	0	1	0	0	0	0	0	17
9/19	8	106	2	1	3	19	4	11	0	0	1	0	0	150
9/20	4	7	1	0	0	7	2	0	0	1	0	0	0	19
9/21	5	149	5	1	0	25	0	10	2	1	0	3	0	199
9/22	5	170	7	1	1	15	6	11	0	0	0	0	0	214
9/23	2	268	1	0	1	22	1	4	0	0	0	0	0	297

MALTBY LAKES - ORANGE, CONNECTICUT														
David & Ann Fisk														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/6	4	7	12	0	0	5	0	0	0	0	0	0	0	24
9/10	7	14	7	1	0	3	0	1	0	0	0	0	0	26
9/11	6	74	5	4	0	5	1	1	0	0	0	0	0	90
9/12	7	56	33	1	0	7	1	6	0	0	0	0	1	104
9/13	7	61	6	1	0	7	0	7	0	0	0	0	0	83
9/14	6	43	21	2	0	4	0	3	0	0	0	0	0	73
9/16	1	5	1	0	0	0	0	1	0	0	0	0	0	7
9/17	9	945	8	7	2	34	2	18	0	3	0	0	0	1020
9/20	5	875	20	7	1	15	1	6	1	1	0	0	0	927
9/21	8	1169	31	0	0	13	2	16	0	1	0	0	0	1232
9/22	9	1366	51	3	1	30	2	24	1	2	0	0	0	1482
9/23	8	874	37	3	0	16	0	13	1	0	0	0	0	944
9/25	3	0	9	1	0	0	0	2	0	0	0	0	0	12
9/26	2	1	4	0	0	0	0	0	0	0	0	0	0	5

Note: Lighthouse coverage on 8/20, 8/27, 9/8, 10/30, 11/20, 11/20, 11/23, but no migrants seen.

LIGHTHOUSE POINT - NEW HAVEN, CONNECTICUT														
Ron Bell, Greg Haniseck, Marty Moore, Steve Mayo, Ernie Harris, others														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
8/22	2	0	0	0	0	1	0	0	0	1	0	0	0	2
8/28	3	0	5	0	0	0	0	0	0	1	0	0	0	6
8/29	4	0	4	0	0	0	0	1	0	0	0	0	0	5
9/1	7	2	11	0	2	14	8	7	1	0	0	2	0	50
9/2	6	0	13	1	4	8	0	0	1	0	1	0	0	29
9/3	5	1	8	0	0	0	0	2	0	0	0	0	0	11
9/4	5	0	3	0	0	4	2	0	1	0	0	0	0	11
9/5	6	0	27	2	6	4	0	14	1	0	0	0	0	55
9/6	7	1	28	1	8	47	2	14	2	0	1	1	0	106
9/7	6	0	3	0	0	5	0	1	1	1	0	1	0	13
9/9	5	0	5	0	0	0	2	1	0	1	0	0	0	9
9/10	8	0	31	0	2	18	7	13	5	2	0	0	0	78
9/11	10	32	107	2	5	125	14	17	6	1	2	8	0	326
9/12	6	0	17	0	2	35	6	7	2	0	0	0	0	70
9/13	10	25	74	3	17	323	19	151	13	0	0	1	0	635
9/14	7	3	72	0	11	120	7	22	4	0	2	5	2	257
9/15	10	0	29	0	5	63	12	8	1	0	0	0	0	121
9/16	7	1	30	0	1	44	3	5	3	0	0	0	0	88
9/17	6	0	7	0	0	10	0	12	9	0	0	0	0	38
9/18	2	0	12	0	1	17	3	9	4	0	0	0	0	47
9/19	12	1320	44	3	9	435	69	190	15	2	1	5	4	2116
9/20	8	817	46	4	5	240	38	30	6	1	0	6	0	1217
9/21	8	1	36	0	6	199	16	36	4	0	1	5	1	313
9/22	8	118	50	1	8	311	26	74	7	0	1	2	0	603
9/23	7	1241	64	5	7	164	12	30	5	4	4	1	2	1540
9/24	8	13	22	0	1	20	4	10	4	0	0	0	2	77
9/25	8	0	14	0	5	9	0	10	4	1	0	0	0	44
9/26	8	44	41	4	5	100	17	21	8	1	1	4	11	278
9/27	7	0	19	0	2	38	10	7	0	0	0	1	0	78
9/29	9	7	33	1	1	124	17	72	15	3	0	2	0	279
9/30	6	4	4	0	0	32	6	6	1	1	0	0	1	55
10/1	7	32	33	3	10	263	13	27	5	1	0	8	6	402
10/2	6	0	9	0	3	22	4	14	2	1	0	0	0	57
10/3	9	11	21	10	18	466	96	33	5	7	6	30	26	748
10/4	8	0	8	0	0	22	7	11	5	0	0	0	0	54
10/5	8	3	18	4	8	220	51	26	13	2	6	35	29	418
10/6	6	0	3	1	2	23	10	3	3	0	1	0	6	56
10/7	6	0	1	0	0	19	4	2	1	1	0	0	0	29
10/8	8	0	9	0	1	80	24	4	7	3	0	0	0	129
10/9	6	0	5	0	0	7	4	7	3	2	0	0	0	29
10/10	10	2	16	4	7	220	27	47	16	6	0	11	9	390
10/11	10	0	7	7	14	637	33	212	20	7	0	42	42	1035
10/12	9	0	2	1	19	344	30	232	22	3	0	15	21	696
10/13	7	0	9	0	2	100	7	11	3	1	3	1	2	144
10/14	5	0	10	0	4	24	0	3	2	0	0	0	0	43
10/15	5	0	1	0	0	1	1	0	1	0	0	0	0	4
10/16	5	0	1	0	0	3	0	0	0	0	0	0	0	4
10/17	6	0	8	0	1	26	2	2</						

FLIRT HILL - EASTON, CONNECTICUT														
Larry Fischer														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/10	4	0	3	2	0	1	1	21	1	0	0	0	0	29
9/15	7	2	2	0	2	8	3	19	0	0	0	0	1	37
9/20	7	0	1	0	9	9	2	64	1	0	1	1	0	88
9/22	1	300	0	0	1	0	4	38	0	0	1	1	0	345
9/29	8	0	1	0	1	13	1	35	0	1	3	4	0	60
10/3	8	0	2	0	4	7	4	12	0	0	0	2	0	31
10/13	8	0	6	2	5	21	5	9	0	0	1	5	0	54

EAST SHORE PARK - NEW HAVEN, CONNECTICUT														
Neil Currie, Renee Baade, Seth Kellogg, Janice Zepko														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/21	5	16	9	0	0	43	1	2	2	2	0	1	2	84
9/23	5	360	25	1	0	13	2	3	0	0	0	5	0	413
9/24	2	3	2	0	0	3	2	0	0	0	0	1	5	18
9/29	2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/5	4	0	2	2	1	98	11	4	0	0	1	12	31	170
10/11	6	1	4	6	4	223	35	23	0	2	4	21	72	418
10/12	1	2	1	0	2	289	31	17	1	0	0	23	44	422
10/13	2	1	1	1	0	7	2	0	0	0	2	2	0	20
10/19	3	0	5	3	0	8	0	1	0	0	1	4	4	29
10/20	3	0	1	1	0	22	5	0	0	1	1	27	53	116

FIRE ISLAND - LONG ISLAND, NEW YORK														
Drew Panko, Trudy Battaly, Eric Lewis, Walter Chaskel, Robert Kurtz, others														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/1	5	0	3	0	0	0	0	3	1	0	0	0	0	7
9/5	5	0	0	0	0	0	0	0	1	0	0	0	0	1
9/10	7	0	5	0	1	0	0	5	3	0	0	0	0	14
9/11	8	0	11	0	3	0	0	0	18	0	0	0	0	32
9/12	7	0	2	0	0	0	0	0	9	0	0	0	0	11
9/13	8	0	6	0	0	2	0	7	28	1	0	0	0	44
9/14	8	0	0	0	2	0	0	2	18	1	0	0	0	23
9/15	8	0	1	0	0	1	0	2	16	1	0	0	0	21
9/16	9	0	0	0	1	1	0	0	16	1	0	0	0	19
9/17	6	0	0	0	0	0	0	0	3	0	0	0	0	3
9/18	3	0	0	0	0	0	0	0	0	0	0	0	0	0
9/19	9	0	36	1	6	10	1	289	107	1	0	0	0	451
9/20	9	0	13	0	6	9	1	72	26	2	0	0	0	131
9/21	9	0	8	1	2	4	1	11	44	2	0	0	0	73
9/22	8	0	9	0	15	9	0	16	24	2	0	0	0	78
9/23	10	0	22	0	9	8	0	105	53	4	0	0	0	202
9/24	6	0	0	0	1	0	1	0	12	3	0	0	0	17
9/25	8	0	0	0	0	0	0	1	5	2	0	0	0	8
9/26	6	0	7	0	2	0	0	3	19	11	0	0	0	42
9/27	8	0	3	0	0	2	0	0	11	0	0	0	0	16
9/29	9	0	18	0	0	3	0	25	49	8	0	0	0	103
9/30	7	0	2	0	1	0	0	4	20	4	0	0	0	32
10/1	7	0	4	0	5	9	0	22	24	3	0	0	0	67
10/2	8	0	2	0	0	1	0	0	27	9	0	0	0	40
10/3	9	0	8	1	4	17	1	43	43	1	0	1	0	121
10/4	8	0	1	0	4	2	0	0	14	7	0	0	0	28
10/5	10	0	4	0	14	33	4	73	84	3	0	0	0	215
10/6	8	0	0	0	1	3	0	1	7	1	0	0	0	13
10/7	7	0	2	0	2	4	0	0	11	4	0	0	0	23
10/8	7	0	0	0	2	2	0	0	11	5	0	0	0	20
10/9	8	0	1	0	2	0	0	0	1	4	0	0	0	8
10/10	9	0	13	0	2	12	3	21	35	6	0	0	0	93
10/11	9	0	17	1	15	16	0	117	155	4	0	0	0	325
10/12	10	1	4	0	19	29	0	84	127	11	0	0	0	276
10/13	7	0	0	0	1	0	1	0	5	2	0	0	0	9
10/15	2	0	1	0	0	0	0	0	1	0	0	0	0	2
10/16	8	0	0	0	1	0	1	5	2	0	0	0	0	9
10/17	6	0	0	0	2	2	0	0	9	3	0	0	0	16
10/18	7	0	1	0	5	8	1	1	28	1	0	0	0	45
10/20	8	0	9	0	11	5	0	2	60	2	0	0	0	89
10/21	11	0	1	0	17	2	0	4	15	0	0	0	0	39
10/22	6	0	3	1	5	13	3	3	15	1	0	0	0	44
10/24	6	0	1	0	0	4	0	0	4	0	0	0	0	9
10/26	7	0	0	0	6	17	0	0	5	0	0	0	0	28
10/27	8	0	0	0	1	5	1	3	2	1	0	0	0	14
10/28	8	0	1	0	2	10	0	0	6	0	0	0	0	19
10/29	3	0	0	0	0	0	0	0	1	0	0	0	0	1
11/3	8	0	0	0	0	7	0	1	7	0	0	0	0	15
11/4	8	0	0	0	2	4	1	0	4	0	0	0	0	11
11/6	5	0	0	0	1	3	0	0	1	0	0	0	0	5
11/8	9	0	0	1	8	20	0	3	3	1	0	0	0	40

QUAKER RIDGE - GREENWICH, CONNECTICUT														
Brian O'Toole, Mike Warner, others														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
8/23	8	19	11	1	0	0	0	2	0	0	0	0	0	34
8/24	8	37	17	2	1	3	0	5	0	0	0	0	0	65
8/25	8	13	14	2	0	2	1	0	0	0	0	1	3	37
8/26	8	10	8	1	1	1	0	2	0	0	0	0	0	23
8/27	8	5	2	0	1	2	0	0	0	0	0	0	0	10
8/28	7	0	0	0	0	0	0	0	0	0	0	0	0	0
8/29	6	0	0	1	1	0	0	0	0	0	0	0	3	5
8/30	8	5	5	0	0	0	0	1	0	0	0	0	0	11
8/31	8	6	5	0	2	1	0	1	1	0	0	0	1	17
9/1	9	16	13	1	3	16	0	14	1	1	0	1	0	69
9/2	8	27	30	1	2	9	0	1	0	1	1	0	0	72
9/3	9	7	20	1	4	8	1	3	1	0	1	1	0	48
9/4	8	8	1	0	1	3	0	0	0	0	0	0	4	17
9/5	6	1	2	0	1	1	1	0	0	0	0	0	1	8
9/6	9	3	11	0	0	9	0	0	1	0	0	0	0	25
9/7	9	2	6	1	0	7	1	1	0	0	1	0	0	22
9/9	2	0	0	0	0	0	0	0	0	0	0	0	0	0
9/10	9	47	14	1	0	9	1	3	0	1	0	0	0	80
9/11	10	300	32	2	3	109	7	8	0	0	0	0	0	463
9/12	9	408	37	3	5	65	7	6	1	0	0	1	0	544
9/13	10	635	32	5	5	91	9	18	5	0	1	2	0	805
9/14	9	151	23	6	3	114	6	30	2	0	0	0	0	337
9/15	8	8	19	0	1	55	3	4	1	0	0	0	0	92
9/16	9	6	9	1	2	40	4	4	1	0	0	0	0	67
9/17	8	0	3	0	0	19	0	2	2	0	0	0	0	26
9/18	5	5	3	0	0	3	0	0	0	0	0	0	0	11
9/19	11	1337	14	4	4	131	11	34	2	0	2	3	1	1558
9/20	10	2310	25	4	19	270	23	45	1	2	2	0	0	2709
9/21	9	794	22	0	2	155	15	29	1	0	1	0	0	1020
9/22	9	292	37	2	7	226	8	48	2	0	0	0	9	635
9/23	9	72	23	3	11	222	10	32	3	1	1	0	0	384
9/24	8	22	29	0	1	60	8	8	2	1	0	5	0	137
9/25	8	1	20	0	1	8	1	9	1	1	0	0	0	44
9/26	9	16	20	2	3	65	13	24	3	0	0	4	4	156
9/27	9	12	8	0	1	42	2	18	3	1	0	1	1	89
9/29	8	7	7	0	3	23	4	4	5	1	0	0	0	55
9/30	8	6	6	0	1	41	0	6	1	0	0	0	9	70
10/1	9	57	27	1	6	180	16	47	3	0	2	9	8	364
10/2	7	0	5	0	0	13	2	4	0	0	0	0	3	27
10/3	10	7	10	5	0	139	19	25	3	0	7	6	9	235
10/4	9	0	10	0	0	32	2	10	2	1	2	0	11	70
10/5	9	0	3	1	1	33	4	22	1	1	3	9	25	107
10/6	9	0	1	0	1	54	8	10	0	0	1	2	3	80
10/7	9	0	3	2	0	37	8	8	0	0	3	5	19	86
10/8	8	1	1	0	1	10	3	4	1	1	3	3	13	41
10/9	9	0	3	0	1									

SUMITVILLE, NEW YORK														
Kelly Sheridan, John Haas, Renee Davis, others														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/1	3	0	0	0	0	1	1	4	0	0	1	0	0	7
9/4	4	0	0	1	0	1	1	0	1	0	0	0	0	4
9/5	1	0	0	0	1	0	0	0	0	0	0	0	0	1
9/11	4	24	0	0	0	3	0	1	0	0	0	1	0	29
9/13	1	101	0	1	0	1	2	0	0	0	0	8	0	115
9/14	2	0	1	1	0	0	0	0	0	0	0	0	0	2
9/15	2	629	1	4	0	0	4	0	0	0	0	0	0	638
9/17	1	1	0	5	0	6	2	1	0	0	0	0	0	15
9/19	4	33	0	0	0	27	3	0	0	0	0	3	0	66
9/20	1	0	0	0	0	1	0	0	0	0	0	0	0	1
9/22	2	0	0	1	0	3	0	1	1	0	0	0	0	6
9/23	1	0	0	0	0	5	0	0	0	0	0	0	0	5
9/26	5	0	0	2	0	14	6	1	0	0	0	1	0	29
9/29	2	0	0	0	0	1	4	1	0	1	0	1	0	8
10/2	4	0	0	0	0	3	0	1	0	0	0	0	0	4
10/3	4	0	4	0	0	31	0	0	0	0	0	7	52	98
10/6	4	0	0	0	0	2	6	1	1	1	0	5	7	23
10/7	4	0	0	0	0	2	2	0	0	0	0	2	0	6
10/9	3	0	0	1	0	1	0	0	0	0	0	2	0	5
10/10	1	0	0	0	0	1	1	0	0	0	0	0	0	2
10/11	4	0	0	0	0	1	1	1	0	0	0	0	0	3
10/13	2	0	0	0	1	4	13	0	5	0	0	0	9	32
10/16	4	0	3	3	0	10	2	0	1	0	1	2	0	24
10/17	3	0	0	0	0	13	1	0	1	0	0	15	30	60
10/21	3	0	0	0	0	0	0	0	0	0	2	6	8	16
10/22	2	0	0	0	0	0	0	0	1	0	0	0	0	1
10/23	4	0	0	1	0	0	1	0	0	0	0	1	3	10
10/24	4	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27	2	0	0	0	0	0	0	0	0	0	0	0	0	0
10/28	4	0	0	0	0	0	0	0	0	0	1	8	3	12
11/6	2	0	0	0	0	0	0	0	0	0	0	0	1	1
11/11	3	0	0	0	0	0	0	0	0	0	0	0	0	2

LENOIR PRESERVE - YONKERS, NEW YORK														
Joseph & Ellen O'Connell, Bill Van Wart, Michael Bachnik, other observers														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
8/22	4	3	0	1	0	0	0	0	0	0	0	0	0	4
8/29	3	1	0	0	0	0	0	0	0	0	0	0	0	1
9/1	3	0	8	0	0	0	0	2	0	0	0	0	0	10
9/4	4	1	1	0	0	1	0	0	0	0	0	0	0	3
9/5	4	0	1	0	0	1	0	0	0	1	0	9	0	12
9/6	5	23	7	1	0	4	0	3	0	0	0	5	3	46
9/11	5	20	4	5	0	1	0	2	0	0	0	4	13	49
9/12	7	149	11	2	4	13	4	1	2	0	0	3	3	192
9/13	3	159	0	0	1	8	0	0	0	0	0	0	1	169
9/14	4	37	6	8	2	6	2	1	1	0	0	3	1	67
9/15	2	2	2	0	0	3	0	1	0	0	0	0	0	8
9/17	4	2	1	0	0	6	0	2	1	0	0	0	0	12
9/19	8	93	5	1	1	19	0	10	0	1	0	4	4	145
9/20	7	848	11	0	1	39	4	15	1	1	0	1	4	925
9/21	5	53	1	1	0	24	0	2	1	0	0	0	0	82
9/22	4	171	1	0	1	17	1	4	0	0	0	0	0	195
9/23	3	18	3	0	2	18	2	10	0	0	0	1	3	57
9/24	7	6	9	0	0	4	2	2	0	0	0	1	6	30
9/25	7	1	6	1	0	2	0	4	1	0	0	5	2	22
9/26	5	8	2	0	1	18	1	3	0	0	0	8	3	44
9/27	5	2	0	0	0	5	3	5	1	0	0	2	0	18
9/30	2	0	0	0	0	0	0	1	0	0	0	0	0	1
10/2	4	31	0	1	0	7	3	6	0	0	0	0	0	49
10/3	3	0	0	0	0	3	1	0	0	0	0	1	9	14
10/6	1	0	0	0	0	1	0	0	0	0	0	0	0	1
10/9	4	0	0	0	0	4	3	0	0	0	0	2	0	9
10/10	11	0	2	4	0	11	11	2	1	2	5	4	37	83
10/12	4	0	0	0	0	4	1	1	0	0	0	7	0	58
10/13	1	0	0	0	0	0	1	0	0	0	0	2	4	9
10/16	8	0	1	3	1	24	5	1	0	0	0	8	15	58
10/17	5	0	11	0	2	18	4	2	6	3	0	13	108	169
10/18	3	0	0	1	1	8	3	0	2	1	3	4	11	34
10/22	1	0	0	0	0	0	0	1	0	0	0	1	2	4
10/23	5	0	0	0	0	1	2	1	0	0	0	6	28	43
10/24	4	0	0	0	0	2	0	0	0	1	0	1	3	7
10/26	4	0	0	0	0	3	0	4	2	0	0	4	15	28
10/27	3	0	0	0	0	1	1	0	0	0	0	6	19	27
10/30	4	0	0	0	0	1	0	1	0	0	0	0	0	2
10/31	5	0	1	1	2	8	1	2	1	1	0	6	46	70
11/6	4	0	0	3	0	5	1	0	1	1	0	3	17	31
11/7	5	0	0	1	0	4	1	0	0	0	1	2	19	29
11/9	2	0	0	0	0	0	0	0	0	0	0	5	21	26
11/10	2	0	0	0	0	0	1	0	0	0	1	8	1	11
11/11	1	0	0	0	0	0	0	0	0	0	0	3	24	27
11/13	3	0	1	0	0	2	0	0	0	0	1	8	32	44
11/14	4	0	0	0	0	0	0	0	0	0	3	27	37	67
11/25	2	0	0	0	0	0	0	0	0	1	0	1	0	2
11/26	2	0	0	1	0	0	0	0	0	0	0	2	4	7
11/27	4	0	0	0	0	3	0	0	0	0	0	0	9	12

Note: Lenoir Coverage on 10/25, 11/14, 11/20, but no migrants

MOHONK PRESERVE - NEW PALTZ, NEW YORK														
Thomas Sarro, Bea Conover, Al Brayton														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
9/14	2	138	9	0	2	3	0	2	0	0	0	1	0	157
9/15	6	1021	14	0	0	12	0	0	0	0	1	3	0	1052
9/16	5	5	1	0	1	4	0	5	0	0	0	0	0	17
9/19	6	272	5	3	1	24	2	12	4	1	0	6	0	346
9/23	4	0	1	0	1	3	0	0	0	0	1	1	0	10
10/2	5	0	2	1	1	10	1	1	0	4	0	0	0	24
10/7	5	0	0	0	0	29	3	3	0	0	0	0	0	36
10/14	2	0	0	0	1	1	0	0	0	0	0	0	0	2
10/21	3	0	0	0	0	2	1	1	0	0	0	1	0	5

HOOK MT - ROCKLAND LAKE, NEW YORK														
Trudy Battely, Drew Panko, Steve Sachs, James Velozzi, Tom Fiore, others														
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	BVNG	GE	TOT
8/22	3	3	0	0	1	0	0	1	0	0	0	0	0	5
8/25	3	3	0	4	0	2	0	0	0	0	0	0	0	9
8/26	3	1	0	2	0	3	0	1	0	0	0	0	0	7
8/31	3	1	7	2	0	0	0	4	0	0	0	0	0	14
9/1	7	0	0	1	0	0	0	6	0	0	0	0	0	7
9/3	3	1	1	0	0	2	0	2	0	0	0	0	0	6
9/6	7	23	3	5	3	14	1	1	0	0	0	0	0	50
9/10	5	1	8	3	0	7	1	1	1	0	0	0	0	22
9/11	7	707	17	4	6	40	2	3	0	0	1	3	0	783
9/12	9	106	12	2	4	45	3	9	3	1	0	0	0	186
9/13	6	31	6	1	4	52	2	2	0	0	0	0	0	98
9/14	8	356	10	2	0	89	2	16	0	0	0	0	0	475
9/15	9	94	4	1	1	73	3	3	1	0	1	0	0	181
9/16	9	0	9	4	2	28	4	2	0	0	0	0	0	49
9/19	9	1377	5	3	4	57	10	13	1	0	0	0	0	1471
9/20	10	513	7	1	6	170	6	7	0	0	0	2	0	712
9/21	6	7	2	0	0	32	0	2	0	0	0	0	0	45
9/22	10	26	2	2	5	83	3	7	1	0	0	0	0	129
9/23	10	13	2	0	1	137	17	16	2	0	0	0	1	191
9/24	6	114	5	1	1	95	3	7	1	0	0	0	0	227
9/25	8	0	7	0	2	15	1	6	1	1	0	0	0	33
9/26	7	7	12	2	0	55	9	18	1	0	0	0	0	106
9/27	8	7	2	0	0	67	8	6	1	1	0	0	0	92
9/29	6	12	8	3	2	48	5	6	1	0	0	0		

MT PETER - GREENWOOD LAKE, NEW YORK												
Judy Cinquina, Herb Stein, Ken Witkowski, Dick Rogers, Flip De Rea												
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT
9/1	5	2	1	1	0	0	0	0	0	0	0	4
9/2	8	5	0	0	0	0	0	0	0	0	0	6
9/3	5	3	2	0	0	0	0	0	0	1	0	6
9/6	8	33	6	0	0	0	0	0	0	0	0	40
9/10	8	12	3	3	0	11	0	0	0	0	0	32
9/11	8	252	7	1	0	4	1	2	0	0	0	268
9/12	8	397	4	1	0	5	1	1	0	0	0	413
9/13	9	266	7	3	0	8	2	3	0	0	0	290
9/14	8	503	14	0	1	12	3	0	1	0	3	537
9/15	9	92	5	0	1	35	2	1	0	0	0	136
9/16	7	22	0	0	0	15	0	3	0	0	0	40
9/18	3	0	0	0	0	0	0	0	1	0	0	1
9/19	8	116	10	3	2	42	5	8	0	0	0	191
9/20	8	14	7	3	0	15	1	1	0	0	0	43
9/21	9	1	4	0	2	9	2	5	0	0	0	23
9/22	9	3	1	1	0	8	0	6	0	0	0	20
9/23	5	0	0	0	0	1	1	0	0	0	0	2
9/24	8	108	6	0	1	48	3	10	1	0	0	177
9/25	7	53	7	0	0	18	4	2	0	0	0	86
9/26	8	21	6	2	1	39	6	1	0	0	0	80
9/27	8	4	2	0	1	33	2	0	0	0	0	43
9/29	7	0	6	0	0	1	0	1	0	1	0	9
10/1	7	1	2	0	1	43	8	1	0	0	0	64
10/2	4	0	0	0	0	4	0	1	0	0	0	5
10/3	7	2	4	0	1	20	1	1	0	0	3	40
10/4	7	0	0	0	0	30	2	1	0	0	0	33
10/5	7	0	0	0	1	5	0	0	0	0	2	8
10/6	8	0	1	0	0	10	0	2	0	0	0	13
10/7	8	2	0	1	0	14	0	0	0	0	1	18
10/8	8	1	3	0	1	36	2	5	0	0	1	52
10/9	6	0	0	0	0	4	0	2	0	0	0	6
10/10	8	0	1	0	1	29	3	7	0	2	0	49
10/11	8	0	1	0	0	27	3	3	0	1	0	35
10/12	7	0	2	0	1	8	0	2	0	0	4	50
10/13	4	0	0	0	2	15	6	0	0	0	6	29
10/15	2	0	0	0	0	1	0	0	0	0	0	1
10/16	7	0	3	0	0	13	10	1	0	3	0	67
10/17	7	0	1	1	0	35	4	0	0	1	0	47
10/18	7	0	2	0	1	42	0	3	0	0	3	51
10/20	6	0	3	0	0	20	2	0	0	0	3	30
10/21	4	0	0	0	0	1	1	0	0	0	2	13
10/22	2	0	0	0	0	5	0	0	0	0	4	9
10/23	1	0	0	0	0	11	0	1	0	0	1	14
10/24	4	0	0	0	0	6	0	0	0	0	2	15
10/25	4	0	0	0	0	1	0	0	0	0	0	1
10/26	7	0	0	0	0	21	4	0	0	0	39	89
10/27	7	0	0	0	0	14	1	0	0	0	2	22
10/28	5	0	0	0	1	3	2	0	0	0	7	17
10/29	3	0	0	0	0	0	0	0	0	0	1	1
10/31	7	0	0	0	1	17	1	0	1	0	17	68
11/1	7	0	0	0	0	6	0	0	0	0	1	64
11/2	7	0	0	1	0	2	1	0	0	0	6	12
11/5	7	0	0	0	2	1	1	0	0	0	18	21
11/7	4	0	0	0	0	2	0	0	0	0	6	48
11/8	6	0	0	0	0	1	0	0	0	0	4	64
11/9	7	0	0	3	0	2	0	0	0	0	5	73
11/11	5	0	0	0	0	0	0	0	0	0	1	7
11/13	6	0	0	0	1	1	0	0	0	0	3	45
11/14	4	0	0	0	0	0	1	0	0	0	2	3
11/15	6	0	0	0	0	0	0	0	0	0	1	34

BEAR MT - FT MONTGOMERY, NEW YORK												
Joe Scordato, Doris Metraux, others												
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT
9/1	6	0	1	0	0	1	0	0	0	0	0	2
9/2	6	3	0	1	0	0	0	0	0	0	0	4
9/3	6	1	2	2	0	0	0	0	0	0	0	5
9/4	4	0	0	0	0	0	0	0	0	0	0	1
9/5	5	1	0	1	0	0	0	0	0	0	0	2
9/6	8	25	5	2	1	3	0	0	0	0	0	36
9/10	8	6	2	0	0	0	0	1	0	0	0	9
9/11	8	113	0	0	0	1	0	1	0	0	0	115
9/12	9	218	9	1	0	13	3	3	2	0	0	250
9/13	9	450	3	1	1	18	3	2	0	0	1	480
9/14	8	286	5	2	3	11	8	1	1	0	0	317
9/15	7	62	6	2	2	24	3	0	0	0	0	100
9/16	5	22	3	1	0	5	2	0	1	0	0	35
9/19	8	132	2	4	0	7	0	5	0	0	0	150
9/20	8	11	4	1	0	19	3	3	0	0	0	41
9/21	7	2	0	0	0	3	0	0	0	0	0	5
9/22	6	0	0	0	0	3	0	2	0	0	0	5
9/23	7	5	0	0	0	4	3	0	0	0	0	12
9/24	6	29	7	3	1	38	2	6	0	0	0	86
9/25	6	2	0	1	0	3	0	1	1	0	0	8
9/27	5	3	1	0	1	23	3	3	0	0	1	38
10/8	5	4	2	2	3	25	5	2	0	0	9	54
10/10	4	0	0	0	0	1	0	0	0	0	0	1
10/12	6	0	0	1	0	2	0	0	0	0	2	5
10/13	5	0	0	2	0	35	2	0	2	0	5	47
10/16	3	0	0	0	0	0	0	0	0	0	0	0
10/17	3	0	0	0	0	0	0	0	0	0	0	0
10/18	5	0	0	0	0	7	0	0	0	0	1	10
10/22	5	0	0	0	1	19	2	0	0	0	2	56
10/23	2	0	0	0	0	2	0	0	0	0	4	6
11/1	6	0	0	0	0	0	0	0	0	0	0	1
11/2	5	0	2	0	0	7	0	1	0	0	11	23
11/3	7	0	0	3	0	17	1	0	0	0	0	68
11/6	3	0	0	0	0	0	0	0	0	0	1	1
11/7	5	0	0	2	0	2	0	0	0	0	4	11
11/8	2	0	0	0	0	0	0	0	0	0	0	0
11/9	5	0	0	0	0	1	0	0	0	0	0	2
11/10	6	0	0	1	1	3	0	0	0	0	8	101
11/13	4	0	0	0	0	0	0	0	0	0	1	1
11/15	2	0	0	0	0	0	0	0	0	0	0	0
11/21	6	0	1	4	0	3	0	0	0	0	1	20
11/22	6	0	0	0	0	3	0	0	0	0	0	22
11/23	5	0	0	1	0	1	0	0	0	1	0	33
11/24	5	0	0	0	1	0	0	0	0	0	1	19
11/25	4	0	0	0	0	0	0	0	0	0	2	2

MONTCLAIR QUARRY - MONTCLAIR, NEW JERSEY												
Else and Wayne Greenstone, Bruce McWhorter, others												
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT
9/1	8	18	6	2	1	3	4	10	0	0	0	44
9/2	8	18	17	5	1	0	5	7	1	0	0	54
9/3	8	0	14	1	0	3	2	4	3	0	0	27
9/4	8	2	5	0	0	0	2	1	0	0	0	10
9/5	8	0	6	1	1	3	0	2	2	0	0	15
9/6	8	36	22	8	4	22	5	3	2	1	0	103
9/7	8	1	4	1	1	2	0	1	2	0	0	12
9/10	9	106	13	15	3	4	1	16	1	0	0	159
9/11	8	291	26	5	3	38	10	5	7	0	0	385
9/12	8	407	9	3	1	41	5	3	2	0	0	475
9/13	9	221	11	2	1	64	11	16	6	0	2	334
9/14	8	76	23	2	6	114	4	43	4	1	0	273
9/15	8	14	9	0	1	66	4	1	2	1	0	98
9/16	7	0	13	1	0	46	1	10	5	0	0	76
9/17	7	2	12	0	0	16	0	6	2	0	0	38
9/18	3	16	13	0	0	8	3	2	0	0	0	42
9/19	9	1884	11	6	2	78	5	43	0	2	0	2032
9/20	9	1648	12	3	5	137	11	18	0	1	0	1838
9/21	9	461	16	3	5	161	6	16	0	0	6	674
9/22	9	282	11	1	1	89	6	36	1	0	0	427
9/23	9	101	13	3	1	89	14	25	0	1	4	254
9/24	8	4	25	1	1	27	8	12	1	1	0	81
9/25	8	2	22	3	1	10	0	0	3	2	0	44
9/26	9	50	22	6	4	95	7	18	2	1	2	234
9/27	8	6	9	0	1	32	7	21	0	0	0	76
9/29	8	20	17	1	3	21	8	9	1	2	0	84
9/30	4	0	0	0	0	1	0	8	0	0	0	9
10/1	8	61	7	3	1	69	22	21	1	0	2	2

MONTCLAIR QUARRY - MONTCLAIR, NEW JERSEY																
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT				
10/9	7	0	4	0	0	9	2	0	0	1	0	0	0	0	0	16
10/10	7	4	6	0	0	48	10	7	0	0	1	7	36	0	1	121
10/11	8	0	4	2	1	82	32	10	5	1	0	9	15	2	0	163
10/12	7	0	3	0	1	37	15	4	0	0	2	3	11	0	0	76
10/13	8	0	6	0	1	73	27	10	4	0	4	3	64	0	0	193
10/16	7	0	3	3	1	10	3	1	2	1	1	2	7	0	0	34
10/17	7	0	3	1	0	3	2	0	1	0	0	6	21	0	0	38
10/18	8	0	4	1	2	70	31	2	2	0	6	18	44	0	0	182
10/20	8	1	6	1	4	168	30	19	8	1	29	9	71	0	0	348
10/21	8	7	3	0	5	58	19	3	1	0	10	13	117	0	0	236
10/22	7	4	0	0	1	69	16	3	2	0	29	29	47	3	0	203
10/23	7	0	1	4	1	34	5	0	3	1	4	14	34	0	0	101
10/24	6	0	0	0	0	9	1	0	0	0	0	5	5	0	0	20
10/25	7	0	1	0	0	17	2	0	1	0	0	0	32	0	0	53
10/26	8	0	0	0	0	33	12	0	0	0	11	21	44	0	0	121
10/27	7	0	1	1	2	28	12	0	0	1	10	17	19	0	0	91
10/28	8	0	0	0	0	12	6	0	0	0	11	6	29	0	2	66
10/31	8	0	0	1	0	11	8	0	0	0	3	3	13	0	0	39
11/1	8	0	0	1	5	14	8	0	0	0	5	21	5	0	0	60
11/2	7	0	0	3	1	13	10	0	0	2	3	3	2	0	0	37
11/3	7	0	0	1	3	16	10	0	0	0	4	5	4	0	0	44
11/4	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
11/5	6	0	0	0	0	2	2	0	0	0	0	2	0	0	0	7
11/6	7	0	0	1	0	4	0	0	1	0	0	0	0	0	0	6
11/7	7	0	0	0	0	6	1	0	1	0	1	7	3	0	0	19
11/8	7	0	0	3	1	8	4	0	1	0	5	27	12	0	0	62
11/9	7	0	1	0	1	11	1	0	0	1	24	97	36	0	0	172
11/10	7	0	0	2	1	13	1	0	0	0	32	65	31	0	0	145
11/11	7	0	0	0	0	3	0	0	1	0	0	0	15	0	0	19
11/13	6	0	1	0	0	2	0	0	0	0	2	9	2	0	0	16
11/14	6	0	0	0	0	3	1	0	0	0	5	6	5	0	0	20
11/15	6	0	0	1	0	6	5	0	0	0	2	25	0	0	0	39
11/16	7	0	0	0	2	6	0	0	1	0	4	7	4	0	0	24
11/17	4	0	0	0	0	2	2	0	0	0	1	0	7	0	0	12
11/22	5	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2
11/25	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
11/26	5	0	0	1	1	2	0	0	0	0	1	0	0	3	0	8
11/27	5	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
11/29	3	0	0	0	0	0	0	0	0	0	2	7	0	0	0	9
11/30	4	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2

Note: Montclair coverage on 10/15, 10/29, 11/18-19, 11/21, 11/23, but no migrants

WILDCAT RIDGE - HIBERNIA, NEW JERSEY																
Fred Vanderburgh, Harold Lance, Dorie Cappiello, others																
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT				
9/1	4	1	0	1	0	1	0	4	0	0	0	2	1	0	0	10
9/2	9	18	5	0	1	10	1	1	3	0	0	5	0	0	0	46
9/3	4	9	9	0	0	2	1	0	0	0	0	0	0	1	0	22
9/4	9	1	6	1	1	4	0	0	0	0	0	0	0	1	0	14
9/5	7	0	2	3	0	3	1	1	0	0	0	0	0	0	0	10
9/6	8	38	9	1	0	8	4	0	0	0	1	1	0	0	0	65
9/10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9/11	9	877	20	7	0	15	5	3	0	1	0	1	0	6	0	937
9/12	8	281	10	1	2	12	7	3	0	0	0	8	1	1	0	327
9/13	10	84	4	0	0	11	2	0	0	0	0	0	0	0	0	103
9/14	8	214	20	1	1	73	11	5	1	0	0	0	0	0	0	328
9/15	8	194	7	1	0	16	3	4	0	0	0	5	5	4	0	239
9/16	9	13	8	2	1	26	6	0	0	0	0	0	0	0	0	56
9/17	6	10	2	0	0	10	0	0	0	0	0	0	0	0	0	23
9/18	4	4	2	0	0	3	0	0	0	0	0	0	0	0	0	10
9/19	10	115	11	8	0	63	14	8	0	0	1	9	5	0	0	237
9/20	9	8	5	4	1	40	4	7	1	0	2	2	0	0	0	78
9/21	9	44	6	1	1	27	1	3	1	0	0	1	0	0	0	85
9/22	9	17	3	1	0	20	4	1	0	0	0	0	5	2	0	53
9/23	11	11	5	4	3	39	6	4	2	0	0	4	0	0	0	78
9/24	6	14	3	1	0	6	1	2	0	0	0	0	0	0	0	29
9/25	9	0	8	1	0	9	1	5	0	0	0	0	0	0	0	24
9/26	8	3	4	0	1	86	8	2	1	0	1	11	0	0	0	117
9/27	6	2	3	0	0	11	0	1	1	0	0	0	0	0	0	19
9/29	4	0	2	1	2	5	1	1	1	0	0	0	0	0	0	13
10/2	3	0	1	0	0	2	0	0	0	0	0	0	0	0	0	3
10/3	9	0	0	1	1	18	1	4	2	0	1	5	18	6	0	58
10/4	5	0	6	0	1	35	5	3	0	1	1	0	0	0	0	52
10/5	5	0	0	0	0	2	1	0	0	0	0	1	0	0	0	5
10/6	6	0	2	0	0	13	1	1	1	0	0	4	10	0	0	32
10/8	5	0	2	0	0	13	0	4	1	0	1	0	0	0	0	22
10/9	9	0	3	0	3	6	0	3	0	0	0	0	0	0	0	15
10/10	8	0	3	1	2	77	15	6	0	0	2	10	0	5	0	124
10/11	9	0	0	0	0	21	3	0	0	0	0	3	0	0	0	30
10/12	5	0	0	1	0	9	1	0	0	0	0	4	0	1	0	19
10/13	5	0	3	0	2	55	3	0	0	0	3	2	0	0	0	68
10/15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/16	7	0	1	0	2	18	1	1	1	0	2	1	0	0	0	27
10/17	6	0	4	2	1	16	1	1	0	0	0	9	5	4	0	43
10/20	6	2	3	1	5	53	4	1	0	0	31	9	261	0	0	374

WILDCAT RIDGE - HIBERNIA, NEW JERSEY																
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT				
10/22	5	0	1	0	0	7	2	0	0	0	0	0	0	0	0	14
10/23	7	0	0	1	0	12	0	1	0	0	1	9	1	0	0	28
10/24	7	0	2	2	1	6	2	0	0	0	5	17	154	3	0	192
10/26	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/27	5	0	0	0	0	1	1	0	0	0	2	3	6	2	0	15
10/28	3	0	0	0	0	0	1	0	0	0	0	4	0	0	0	5
10/29	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/30	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10/31	8	0	1	0	1	4	0	2	0	0	0	9	0	0	0	17
11/6	6	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
11/7	6	0	0	0	0	2	0	0	0	0	1	1	0	0	0	5
11/10	4	0	0	0	0	2	0	0	0	0	1	3	2	0	0	8
11/13	6	0	0	1	0	1	0	0	0	0	0	8	0	15	0	25
11/14	4	0	1	0	0	0	0	0	0	0	0	5	0	0	0	6

PICATINNY PEAK - LAKE HOPATCONG, NEW JERSEY																
John Reed, Susan Simovich, Reed Simovich																
Hrs	BW	OSBE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT				
9/1	3	4	1	0	1	2	1	4	0	0	0	0	0	0	0	15
9/2	3	8	1	1	0	1	0	0	0	0	0	0	0	0	0	12
9/3	8	9	8	1	0	0	0	2	1	0	0	0	0	0	0	21
9/4	4	8	4	2	0	2	0	1	0	0	0	0	0	0	0	17
9/5	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
9/6	8	25	10	4	0	8	1	5	0	0	0	0	0	0	0	55
9/7	5	0	2	2	0	1	0	6	0	0	0	0	0	0	0	11
9/10	9	37	5	5	2	8	1	3	0	0	0	0	0	0	0	61

9/11	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT
Bear Mt	8	113	0	0	0	1	0	1	0	0	0	0	0	115
Helderberg	7	19	0	0	0	2	0	0	0	0	0	6	0	28
Hook Mt	7	707	17	4	6	40	2	3	0	0	1	3	0	783
Lenoir	5	20	4	5	0	1	0	2	0	0	0	4	13	49
Mt Peter	8	252	7	1	0	4	1	2	0	0	0	0	0	268
Summitville	4	24	0	0	0	3	0	1	0	0	0	1	0	29
Chimney Rock	8	53	6	6	2	9	7	10	2	0	1	0	0	97
Montclair	8	291	26	5	3	38	10	5	7	0	0	0	0	385
Picatinny	8	782	12	4	2	18	1	8	0	1	0	0	0	830
State Line	8	63	0	7	0	5	2	3	0	0	0	0	0	80
Wildcat Ridge	9	877	20	7	0	15	5	3	0	1	0	1	0	937

9/12	LIGHT		W		CLEAR										TOT
	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV		
Cadillac Mt	5	2	6	0	1	23	3	4	0	0	0	0	0	43	
Little Round Top	8	1327	8	3	0	19	5	4	0	0	0	2	0	1369	
Putney Mt	9	873	1	3	2	33	2	7	0	0	0	0	0	922	
Chickatawbut	9	2	7	0	0	3	1	1	2	0	2	10	8	36	
Barre Falls	6	22	12	1	1	13	2	1	0	0	0	1	0	53	
Blueberry	6	169	8	1	0	20	0	18	0	0	0	0	0	216	
Little River	6	3	2	2	0	3	0	0	0	0	0	0	0	10	
Mt Tom	4	10	0	2	0	26	3	2	0	0	0	0	0	43	
Wachusett	5	26	8	1	0	16	3	4	0	0	0	0	0	59	
Watatic	9	90	13	3	1	16	2	6	1	0	0	0	0	132	
Botsford	5	112	2	0	0	4	1	1	0	0	1	0	0	122	
Chestnut Hill	5	99	7	0	0	5	0	0	0	0	0	0	0	114	
Johnnycake Mt	3	24	3	2	0	6	0	10	1	0	0	0	0	46	
Peak Mt	7	6	0	2	0	3	0	0	1	0	0	1	0	13	
Lighthouse	6	0	17	0	2	35	6	7	2	0	0	0	0	70	
Maltby Lakes	7	56	33	1	0	7	1	6	0	0	0	0	0	104	
Quaker Ridge	9	408	37	3	5	65	7	6	1	0	0	1	0	544	
Waveny Park	7	114	17	1	0	28	3	4	0	0	1	0	0	169	
Fire Island	7	0	2	0	0	0	0	0	9	0	0	0	0	11	
Bear Mt	9	218	9	1	0	13	3	3	2	0	0	0	0	250	
Helderberg	7	69	0	0	0	2	1	0	1	0	0	2	0	75	
Hook Mt	9	106	12	2	4	45	3	9	3	1	0	0	0	186	
Lenoir	7	149	11	2	4	13	4	1	2	0	0	3	3	192	
Mt Peter	8	397	4	1	0	5	1	1	0	0	0	1	0	413	
Chimney Rock	9	203	21	5	0	21	1	1	1	2	0	0	0	255	
Montclair	8	407	9	3	1	41	5	3	2	0	0	0	1	475	
Picatinny	8	366	16	4	4	15	1	1	0	1	0	0	0	408	
State Line	8	98	0	0	5	24	0	9	0	0	0	0	0	136	
Wildcat Ridge	8	281	10	1	2	12	7	3	0	0	0	8	1	327	

9/13	LIGHT		N-NW		PARTLY CLOUDY										TOT
	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV		
Cadillac Mt	8	42	19	0	3	84	6	192	11	1	0	1	0	361	
S Harpswell	8	45	43	7	13	273	2	69	33	2	0	0	6	500	
Little Round Top	7	23	7	1	0	7	0	2	0	0	0	2	3	45	
P Monadnock	8	454	12	2	2	20	2	1	4	0	0	0	2	499	
Putney Mt	9	259	7	0	2	78	4	26	1	0	1	0	0	378	
Morris Isl	6	0	2	0	2	3	4	0	2	0	0	2	0	16	
Barre Falls	10	1201	23	3	2	26	2	9	3	0	0	8	6	1284	
Blueberry	8	1084	12	7	4	40	3	9	0	0	0	1	0	1161	
Little River	6	312	8	3	2	9	0	6	0	0	0	2	1	344	
Wachusett	8	811	15	2	2	36	7	11	0	0	0	0	0	892	
Watatic	11	1908	20	3	1	101	6	12	3	0	0	1	0	2056	
Botsford	6	224	9	2	0	17	2	0	0	0	0	0	0	258	
Chestnut Hill	7	319	4	0	0	6	0	0	0	0	0	0	0	329	
Heritage	3	667	1	0	1	1	1	2	0	0	0	1	0	676	
Johnnycake Mt	3	13	2	1	0	1	0	1	0	1	0	0	0	19	
Peak Mt	4	31	2	2	0	7	2	0	0	0	0	0	0	45	
Southbury	8	100	1	0	0	7	0	0	0	0	0	0	0	108	
Lighthouse	10	25	74	3	17	323	19	151	13	0	0	1	0	635	
Maltby Lakes	7	61	6	1	0	7	0	7	0	0	0	0	0	83	
Quaker Ridge	10	635	32	5	5	91	9	18	5	0	1	2	0	805	
Waveny Park	5	9	2	1	0	6	0	0	0	1	0	0	0	19	
Fire Island	8	0	6	0	0	2	0	7	28	1	0	0	0	44	
Bear Mt	9	450	3	1	1	18	3	2	0	0	1	0	0	480	
Helderberg	8	17	0	0	0	12	1	2	0	1	0	6	0	42	
Hook Mt	6	31	6	1	4	52	2	2	0	0	0	0	0	98	
Lenoir	3	159	0	0	1	8	0	0	0	0	0	0	1	169	
Mt Peter	9	266	7	3	0	8	2	3	0	0	0	0	0	290	
Summitville	1	101	0	1	0	1	2	0	0	0	0	8	0	115	
Chimney Rock	9	76	1	3	2	16	5	14	0	0	0	0	0	118	
Montclair	9	221	11	2	1	64	11	16	6	0	0	0	2	334	
Picatinny	9	726	9	1	1	8	1	12	1	0	0	0	0	761	
State Line	9	24	0	0	1	32	0	19	1	0	0	0	0	77	
Wildcat Ridge	10	84	4	0	0	11	2	0	0	0	0	0	0	103	

9/14	LIGHT		E		CLEAR - MOSTLY CLOUDY										TOT
	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV		
Cadillac Mt	6	1	6	0	2	64	2	16	0	0	0	3	0	97	
Little Round Top	6	167	5	3	0	6	2	5	0	0	0	1	0	193	
P Monadnock	9	1235	12	9	2	23	3	12	1	0	0	0	0	1297	
Putney Mt	8	917	12	2	1	21	1	2	0	0	2	0	0	958	
Barre Falls	9	250	16	0	1	25	2	10	3	0	0	1	1	309	
Blueberry	7	479	4	4	3	17	1	3	1	0	0	0	0	513	
Little River	6	608	7	1	1	9	0	12	1	1	0	0	0	641	
Wachusett	5	120	8	0	0	34	7	3	1	0	0	0	0	183	
Watatic	11	1816	19	3	3	51	6	23	4	0	0	1	0	1930	
Bald Peak	3	1070	6	1	1	3	2	3	0	0	0	0	0	1086	
Botsford	5	85	3	0	1	13	0	4	0	0	0	1	0	109	
Chestnut Hill	6	152	5	0	0	8	2	2	0	0	0	0	0	171	
East Rock	2	7	5	0	1	4	1	1	2	0	0	3	0	24	
Johnnycake Mt	5	355	14	7	0	15	0	8	1	0	0	0	0	400	
Peak Mt	3	41	0	0	0	4	0	1	0	0	0	0	0	47	
Southbury	5	91	7	1	0	8	1	0	0	0	0	0	0	108	
Taine Mt	5	86	0	0	0	3	0	0	0	0	0	0	0	89	
Torrington	9	469	7	0	0	6	4	4	0	0	0	1	0	494	
Lighthouse	7	3	72	0	11	120	7	22	4	0	2	5	2	257	
Maltby Lakes	6	43	21	2	0	4	0	3	0	0	0	0	0	73	
Quaker Ridge	9	151	23	6	3	114	6	30	2	0	0	0	0	337	
Waveny Park	4	20	18	0	1	29	0	1	1	0	0	0	0	70	
Fire Island	8	0	0	0	2	0	0	2	18	1	0	0	0	23	
Bear Mt	8	286	5	2	3	11	8	1	1	0	0	0	0	317	
Helderberg	8	150	1	0	0	4	0	1	0	0	0	2	0	162	
Hook Mt	8	356	10	2	0	89	2	16	0	0	0	0	0	475	
Lenoir	4	37	6	8	2	6	2	1	1	0	0	3	1	67	
Mohonk	2	138	9	0	2	3	0	2	0	0	0	1	0	157	
Mt Peter	8	503	14	0	1	12	3	0	1	0	3	0	0	537	
Chimney Rock	9	6	51	3	5	22	2	57	13	0	0	0	0	153	
Montclair	8	76	23	2	6	114	4	43	4	1	0	0	0	273	
Picatinny	6	469	10	5	0	19	1	6	0	0	0	0	0	511	
State Line	8	98	0	6	0	35	2	14	0	1	0	0	0	156	
Wildcat Ridge	8	214	20	1	1	73	11	5	1	0	0	0	0	328	

9/15	LIGHT		SE-SW		CLOUDY										TOT
	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV		
Cadillac Mt	5	0	0	0	0	3	0	0	0	1	0	0	0	4	
Little Round Top	8	1155	13	5	0	9	0	1	0	0	0	1	3	1196	
P Monadnock	6	6	13	0	0	17	0	1	2	1	1	0	0	41	
Putney Mt	8	166	12	0	0	11	0	2	0	0	0	0	0	193	
Morris Isl	4	0	1	0	0	0	0	0	1	0	0	0	0	2	
Barre Falls															

9/23														9/27															
LIGHT														LIGHT															
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		
Hook Mt	10	13	2	0	1	137	17	16	2	0	0	0	0	191	Cadillac Mt	5	1	1	0	0	0	0	0	0	0	0	0	0	3
Lenoir	3	18	3	0	2	18	2	10	0	0	0	1	3	57	Morris Isl	4	0	0	0	0	4	0	0	0	0	0	0	0	5
Mohonk	4	0	1	0	1	3	0	0	0	0	1	1	0	10	Barre Falls	6	10	3	5	2	27	1	8	0	0	0	3	0	60
Mt Peter	5	0	0	0	0	1	1	0	0	0	0	0	0	2	Blueberry	7	4	2	2	0	15	1	6	0	0	0	0	0	30
Chimney Rock	9	756	56	7	19	151	30	81	15	0	0	0	0	1115	Little River	4	0	0	2	0	3	0	2	0	0	0	0	0	8
Montclair	9	101	13	3	1	89	14	25	0	1	0	1	4	254	Torrington	3	3	0	0	2	4	4	4	1	1	1	1	0	23
Picatinny	5	3	0	0	0	17	0	0	0	0	0	0	0	23	Lighthouse	7	0	19	0	2	38	10	7	0	0	0	1	0	78
State Line	8	14	0	0	1	157	15	36	0	0	0	0	0	226	Quaker Ridge	9	12	8	0	1	42	2	18	3	1	0	1	1	89
Wildcat Ridge	11	11	5	4	3	39	6	4	2	0	0	4	0	78	Fire Island	8	0	3	0	0	2	0	0	11	0	0	0	0	16
9/24														9/29															
LIGHT														MODERATE															
NE-SE														NE															
HIGH THIN CLOUDS														CLOUDY															
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		
Cadillac Mt	6	1	12	0	8	36	2	3	2	0	0	2	0	73	Cadillac Mt	4	0	1	0	1	6	0	3	0	3	0	0	10	26
Putney Mt	7	22	6	1	2	35	1	8	0	2	0	2	0	57	Putney Mt	8	0	3	0	0	16	0	3	1	3	0	2	0	29
Groton	1	13	5	1	0	4	1	0	0	0	0	0	0	24	Blueberry	7	0	0	2	0	9	2	3	0	0	0	0	0	17
Morris Isl	5	0	0	0	0	5	2	0	2	3	0	0	0	12	Flirt Hill	8	0	1	0	1	13	1	35	0	1	3	4	0	60
Barre Falls	6	122	3	2	0	36	3	5	0	1	0	2	0	174	Lighthouse	9	7	33	1	1	124	17	72	15	3	0	2	0	279
Blueberry	5	10	3	0	2	9	0	5	0	0	0	0	0	30	Quaker Ridge	8	7	7	0	3	23	4	4	5	1	0	0	0	55
Little River	4	11	1	1	1	13	1	6	0	0	0	0	1	35	Fire Island	9	0	18	0	1	3	0	25	49	8	0	0	0	103
Southbury	2	89	0	0	1	4	1	0	0	0	0	0	0	95	Hook Mt	6	12	8	3	2	48	5	6	1	0	0	0	0	85
Torrington	3	9	1	0	2	4	5	1	3	0	1	0	0	34	Mt Peter	7	0	6	0	0	1	0	1	0	1	0	0	0	9
East Shore	2	3	2	0	0	3	2	0	0	0	0	1	5	18	Chimney Rock	8	12	5	1	1	20	5	9	0	3	0	0	0	46
Lighthouse	8	13	22	0	1	20	4	10	4	0	0	0	2	77	Montclair	8	20	17	1	3	21	8	9	1	2	0	0	2	84
Quaker Ridge	8	22	29	0	1	60	8	8	2	1	0	5	0	137	Wildcat Ridge	4	0	2	1	2	5	1	1	1	0	0	0	0	13
Fire Island	6	0	0	0	1	0	1	0	12	3	0	0	0	17	9/25														
Bear Mt	6	29	7	3	1	38	2	6	0	0	0	0	0	86	MODERATE														
Hook Mt	6	114	5	1	1	95	3	7	1	0	0	0	0	227	W-SW														
Lenoir	7	6	9	0	0	4	2	2	0	0	0	1	6	30	CLOUDY														
Mt Peter	8	108	6	0	1	48	3	10	1	0	0	0	0	177	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Chimney Rock	9	9	12	3	2	10	10	4	0	3	1	0	0	45	Cadillac Mt	5	0	0	0	1	1	0	0	0	0	0	0	0	2
Montclair	8	4	25	1	1	27	8	12	1	1	0	1	0	81	Chickatawbut	12	1	5	0	3	2	1	0	2	0	1	4	0	20
Picatinny	7	14	2	1	0	15	1	0	0	0	0	0	0	36	Morris Isl	6	0	1	0	0	1	1	4	0	0	0	0	0	7
State Line	8	0	0	0	1	12	2	3	0	0	0	0	0	18	Blueberry	7	6	12	2	1	9	0	11	1	0	0	0	0	43
Wildcat Ridge	6	14	3	1	0	6	1	2	0	0	0	0	0	29	Little River	5	1	2	0	0	3	0	5	1	0	0	0	10	22
9/26														9/29															
LIGHT														MODERATE															
NW														SW															
CLEAR														CLOUDY															
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		
Cadillac Mt	6	1	9	0	2	27	3	63	13	1	0	0	0	123	Cadillac Mt	5	0	0	0	0	0	0	1	0	0	0	0	0	1
S Harpswell	2	0	2	0	0	8	0	0	0	1	0	0	0	11	Putney Mt	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Putney Mt	9	2	4	1	1	37	6	9	0	2	0	1	4	65	Groton	1	1	2	1	0	5	4	1	0	1	0	0	10	25
Chickatawbut	11	0	0	0	0	4	1	0	1	0	0	5	0	11	Pinnacle Rock	3	0	1	0	0	0	0	0	0	0	0	0	0	0
Morris Isl	6	0	0	0	0	61	11	0	3	2	0	1	1	79	Blueberry	8	0	4	1	0	8	1	6	0	1	0	0	0	21
Pinnacle Rock	4	0	1	0	0	9	1	3	0	0	0	0	0	14	Lighthouse	6	0	9	0	3	22	4	14	2	1	0	0	0	57
Barre Falls	6	2	4	0	1	25	0	2	0	0	0	0	0	34	Quaker Ridge	7	0	5	0	0	13	2	4	0	0	0	0	3	27
Blueberry	8	6	5	10	2	60	4	32	0	0	0	0	0	121	Fire Island	8	0	2	0	0	1	0	0	27	9	0	0	0	40
Little River	5	1	1	2	0	10	1	6	0	0	0	0	2	23	Hook Mt	5	2	9	3	0	45	6	20	0	2	0	0	0	87
Lighthouse	8	44	41	4	5	100	17	21	8	1	4	11	278	Lenoir	4	31	0	1	0	7	3	6	0	0	0	0	0	49	
Quaker Ridge	9	16	20	2	3	65	13	24	3	0	0	4	4	156	Mohonk	5	0	2	1	1	10	1	1	0	4	0	0	0	24
Fire Island	6	0	7	0	2	0	0	3	19	11	0	0	0	42	Mt Peter	4	0	0	0	0	4	0	1	0	0	0	0	0	5
Hook Mt	7	7	12	2	0	55	9	18	1	0	0	0	0	106	Summitville	4	0	0	0	0	3	0	1	0	0	0	0	0	4
Lenoir	5	8	2	0	1	18	1	3	0	0	0	8	3	44	Chimney Rock	8	0	12	0	2	44	6	22	2	11	0	0	0	99
Mt Peter	8	21	6	2	1	39	6	1	0	0	0	0	0	80	Montclair	8	2	13	0	0	11	0	15	4	0	0	0	0	45
Summitville	5	0	0	2	0	14	6	1	0	0	0	1	0	29	State Line	3	31	0	1	0	4	2	3	0	0	0	0	0	41
Chimney Rock	9	19	23	2	1	56	18	27	5	4	1	0	0	137	Wildcat Ridge	3	0	1	0	0	2	0	0	0	0	0	0	0	3
Montclair	9	50	22	6	4	95	7	18	2	1	2	8	15	234	9/30														
Picatinny	4	2	2	1	1	43	4	6	0	0	0	0	0	60	LIGHT														
State Line	6	10	0	1	0	28	5	2	0	0	0	0	0	46	NE														
Wildcat Ridge	8	3	4	0	1	86	8	2	1	0	1	11	0	117	CLEAR														
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		
Cadillac Mt	6	0	4	0	4	6	1	3	0	0	0	0	0	19	Cadillac Mt	6	0	4	0	4	6	1	3	0	0	0	0	0	19
S Harpswell	4	0	0	2	0	5	0	1	1	1	0	0	0	11	S Harpswell	4	0	0	2	0	5	0	1	1	1	0	0	0	11
Putney Mt	8	2	9	0	0	19	1	1	0	1	0	5	0	37	Putney Mt	8	2	9	0	0	19	1	1	0	1	0	5	0	37
Morris Isl	2	0	0	0	0	3	1	0	0	0	0	0	0	4	Morris Isl	2	0	0	0	0	3	1	0	0	0	0	0	0	4
Pinnacle Rock	4	0	0	0	0	6	0	0	0	0	0	0	0	6	Pinnacle Rock	4	0	0	0	0	6	0	0	0	0	0	0	0	6
Barre Falls	6	1	1	1	1	13	3	4	0	0	0	7	0	34	Barre Falls	6	1	1	1	1	13	3	4	0	0	0	7	0	34
Blueberry	8	0	1	5	0	32	17	13	1	2	1	9	0	86	Blueberry	8	0	1	5	0	32	17	13	1	2	1	9	0	86
Little River	4	1	4	0	0	16	1	4	0	0	0	6	6	38	Little River	4	1	4	0	0	16	1	4	0	0	0	6	6	38

10/3	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT
Wampanoag	2	1	1	0	0	10	2	3	0	0	0	0	2	19
Flirt Hill	8	0	2	0	4	7	4	12	0	0	0	2	0	31
Lighthouse	9	11	21	10	18	466	96	33	5	7	6	30	26	748
Quaker Ridge	10	7	10	5	0	139	19	25	3	0	7	6	9	235
Fire Island	9	0	8	1	4	17	1	43	43	1	0	1	0	121
Hook Mt	7	3	1	3	1	46	6	3	1	1	3	0	8	81
Lenoir	3	0	0	0	0	3	1	0	0	0	1	9	0	14
Mt Peter	7	2	4	0	1	20	1	1	0	0	3	6	0	40
Summitville	4	0	4	0	0	31	0	0	0	0	0	7	52	98
Chimney Rock	8	29	7	2	0	70	18	16	1	0	9	0	0	125
Montclair	10	1	2	1	2	54	8	6	0	0	0	5	10	89
Picatinny	6	0	15	3	0	64	6	6	0	0	2	0	0	105
State Line	8	0	0	0	0	23	11	6	1	0	6	4	0	54
Wildcat Ridge	9	0	0	1	1	18	1	4	2	0	1	5	18	58

10/4	MODERATE SW					CLEARING								TOT
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
S Harpswell	2	0	4	2	0	2	0	0	1	1	0	0	0	10
Little Round Top	4	0	4	1	0	3	0	1	0	0	0	0	13	22
Chickatawbut	8	0	2	0	1	1	0	0	0	0	0	5	1	10
Morris Isl	7	0	2	0	1	43	7	0	0	13	0	0	1	69
Barre Falls	6	1	6	0	1	26	0	23	2	0	0	1	1	61
Blueberry	7	0	10	2	0	4	1	4	0	0	0	1	12	34
Little River	4	0	4	1	0	3	0	1	0	0	0	0	13	22
Lighthouse	8	0	8	0	0	22	7	11	5	0	0	0	0	54
Quaker Ridge	9	0	10	0	0	32	2	10	2	1	2	0	11	70
Fire Island	8	0	1	0	4	2	0	0	14	7	0	0	0	28
Hook Mt	6	1	5	3	2	55	10	8	0	4	0	1	0	89
Mt Peter	7	0	0	0	0	30	2	1	0	0	0	0	0	33
Chimney Rock	8	12	5	1	0	11	4	7	0	0	2	0	0	30
Montclair	8	2	11	5	3	25	2	9	1	0	1	0	2	61
Picatinny	5	1	9	0	0	53	0	9	0	0	0	0	0	74
Wildcat Ridge	5	0	6	0	1	35	5	3	0	1	1	0	0	52

10/5	STRONG NW				CLEAR								TOT	
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Cadillac Mt	5	0	1	0	2	8	13	5	1	0	0	0	0	33
S Harpswell	8	0	2	4	2	43	2	3	11	0	0	1	1	72
Little Round Top	4	0	1	1	0	3	1	2	0	0	0	5	1	14
Putney Mt	7	0	4	1	1	29	4	5	1	0	1	7	2	55
Chickatawbut	10	0	0	0	0	0	0	0	0	0	0	3	0	3
Morris Isl	4	0	0	0	0	42	5	1	1	1	0	1	0	51
Barre Falls	5	0	0	0	0	12	0	2	0	0	0	0	3	17
Blueberry	9	1	3	4	3	34	4	18	1	0	0	8	16	97
Little River	4	0	1	1	0	3	1	2	0	0	0	5	1	14
East Shore	4	0	2	2	1	98	11	4	0	0	1	12	31	170
Lighthouse	8	3	18	4	8	220	51	26	13	2	6	35	29	418
Quaker Ridge	9	0	3	1	1	33	4	22	1	1	3	9	25	107
Fire Island	10	0	4	0	14	33	4	73	84	3	0	0	0	215
Hook Mt	6	0	1	0	0	29	4	2	0	0	0	4	8	48
Mt Peter	7	0	0	0	1	5	0	0	0	0	0	2	0	8
Chimney Rock	8	4	7	3	3	81	15	20	3	1	3	0	0	137
Montclair	8	0	3	0	2	34	11	4	0	2	2	3	25	87
Picatinny	7	0	2	0	1	58	0	1	1	0	0	0	0	68
Wildcat Ridge	5	0	0	0	0	2	1	0	0	0	0	1	0	5

10/6	LIGHT SW-W				HIGH THIN CLOUDS								TOT	
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Cadillac Mt	4	0	0	0	0	1	0	1	0	0	0	0	0	2
Little Round Top	4	0	0	1	0	1	0	3	0	0	0	0	0	5
Putney Mt	5	0	0	0	0	2	1	1	1	0	0	0	0	6
Chickatawbut	9	0	0	0	0	1	0	0	0	1	0	3	0	5
Morris Isl	5	0	2	0	0	17	6	0	4	1	0	1	6	38
Barre Falls	5	0	1	0	0	16	0	0	0	0	0	8	4	30
Blueberry	7	1	1	1	0	13	1	17	0	0	0	0	1	37
Little River	4	0	0	1	0	1	0	3	0	0	0	0	0	5
Lighthouse	6	0	3	1	2	23	10	3	3	0	1	0	6	56
Quaker Ridge	9	0	1	0	1	54	8	10	0	0	1	2	3	80
Fire Island	8	0	0	0	1	3	0	1	7	1	0	0	0	13
Hook Mt	10	0	1	0	3	46	6	13	5	1	0	0	0	75
Mt Peter	8	0	1	0	0	10	0	2	0	0	0	0	0	13
Summitville	4	0	0	0	0	2	6	1	1	1	0	5	7	23
Chimney Rock	8	1	0	0	2	50	2	17	0	1	0	0	0	74
Montclair	8	1	0	0	1	24	10	7	1	2	1	3	8	58
Picatinny	3	0	0	4	0	19	0	2	0	0	0	0	0	27
Wildcat Ridge	6	0	2	0	0	13	1	1	1	0	0	4	10	32

10/7	LIGHT W				CLEAR								TOT	
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Cadillac Mt	5	0	0	0	0	1	0	0	0	0	0	1	0	2
Little Round Top	3	0	0	0	0	2	0	5	0	0	0	0	5	12
Putney Mt	6	0	1	0	2	17	3	3	1	0	0	0	0	27
Morris Isl	6	0	0	0	0	41	2	1	2	3	0	0	2	52

10/7	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT
Barre Falls	4	0	0	0	0	4	1	0	0	0	0	0	0	5
Blueberry	7	0	1	0	0	6	1	7	0	1	0	0	0	16
Little River	3	0	0	0	0	2	0	5	0	0	0	0	5	12
Lighthouse	6	0	1	0	0	19	4	2	1	1	0	0	0	29
Quaker Ridge	9	0	3	2	0	37	8	8	0	0	3	5	19	86
Fire Island	7	0	2	0	2	4	0	0	11	4	0	0	0	23
Hook Mt	7	0	0	1	3	26	2	2	1	0	0	0	0	35
Mohonk	5	0	0	0	0	29	3	3	0	0	0	0	0	36
Mt Peter	8	2	0	1	0	14	0	0	0	0	0	1	0	18
Summitville	4	0	0	0	0	2	2	0	0	0	0	2	0	6
Chimney Rock	6	0	1	0	1	3	2	4	0	0	0	0	0	11
Montclair	8	0	2	2	0	15	10	3	0	1	1	0	0	34
Picatinny	3	0	3	0	2	19	2	3	0	1	3	0	0	34

10/8	LIGHT SW-SE				HIGH THIN CLOUDS								TOT	
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Cadillac Mt	5	0	0	0	1	0	0	0	0	0	0	0	0	1
Little Round Top	4	0	0	0	0	3	0	3	1	0	0	0	21	28
Putney Mt	6	0	2	1	2	9	5	0	0	1	0	2	0	22
Morris Isl	5	0	1	0	2	8	0	0	0	9	0	0	0	20
Blueberry	7	0	3	1	0	16	0	8	2	0	0	0	0	32
Little River	4	0	0	0	0	3	0	3	1	0	0	0	21	28
Lighthouse	8	0	9	0	1	80	24	4	7	3	0	0	0	129
Quaker Ridge	8	1	1	0	1	10	3	4	1	1	3	3	13	41
Fire Island	7	0	0	0	2	2	0	0	11	5	0	0	0	20
Bear Mt	5	4	2	2	3	25	5	2	0	0	0	9	54	54
Hook Mt	7	0	2	0	0	35	1	2	0	0	0	0	0	40
Mt Peter	8	1	3	0	1	36	2	5	0	0	1	3	0	52
Chimney Rock	8	0	2	0	0	6	5	4	1	2	1	0	0	23
Montclair	7	0	3	1	0	10	3	1	2	0	0	1	0	21
Picatinny	5	0	1	0	1	26	1	5	0	0	1	0	0	36
Wildcat Ridge	5	0	2	0	0	13	0	4	1	0	1	0	0	22

10/10	MODERATE NW				CLEAR, CLOUDING								TOT	
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT	
Cadillac Mt	3	0	0	0	1	13	0	0	3	0	0	0	2	21
Little Round Top	6	0	2	2	0	15	0	1	0	1	0	7	8	36
Putney Mt	8	0	4	0	1	76	1	18	3	2	0	5	0	112
Chickatawbut	9	0	2	0	3	5	4	2	3	2	0	1	7	29
Morris Isl	6	0	0	0	1	43	6	0	1	5	0	0	0	56
Pinnacle Rock	5	0	1	0	0	2	0	0	0	1	0	0	0	4
Barre Falls	6	0	4	0	0	26	4	4	3	0	0	1	10	53
Blueberry	8	0	0	8	3	46	5	14	1	0	0	1	4	83
Little River	6	0	2	2	0	15	0	1	0	1	0	7	8	36
Lighthouse	10													

10/12													10/20																									
STRONG					NW			CLOUDY-CLEARING					TOT	MODERATE					NE			MOSTLY CLOUDY					TOT											
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV
S Harpswell	7	0	24	2	3	98	1	43	28	6	1	2	4	216	Cadillac Mt	5	0	0	3	0	20	1	1	2	1	0	8	1	39									
Little Round Top	5	0	1	0	0	13	1	5	0	0	8	2	30	Putney Mt	5	0	1	0	0	16	2	1	0	0	2	13	1	36										
Putney Mt	7	0	7	0	0	15	0	3	2	1	0	4	37	Chickatawbud	6	0	0	0	0	0	2	0	0	1	0	2	0	5										
Chickatawbud	9	0	2	0	0	3	0	0	1	1	1	30	2	40	Morris Isl	5	0	0	0	0	0	0	0	2	4	0	0	6										
Barre Falls	7	0	4	1	1	42	5	12	1	1	0	3	8	79	Barre Falls	8	0	1	2	5	38	21	1	5	1	18	16	174	288									
Blueberry	7	0	2	0	0	44	2	10	2	0	2	8	2	75	Blueberry	7	0	0	1	0	4	4	0	0	0	1	8	47	66									
Little River	5	0	1	0	0	13	1	5	0	0	0	8	2	30	Shatterack	6	0	1	2	1	36	2	1	1	0	15	25	8	94									
East Shore	1	2	1	0	2	289	31	17	1	0	0	23	44	422	East Shore	3	0	1	1	0	22	5	0	0	1	1	27	53	116									
Lighthouse	9	0	2	1	19	344	30	232	22	3	0	15	21	696	Lighthouse	7	0	10	1	8	233	28	5	5	3	15	24	80	427									
Quaker Ridge	8	0	2	3	2	96	13	16	2	1	1	2	8	150	Quaker Ridge	8	0	5	2	7	206	34	9	6	0	37	26	16	356									
Fire Island	10	1	4	0	19	29	0	84	127	11	0	0	0	276	Fire Island	8	0	9	0	11	5	0	2	60	2	0	0	0	89									
Bear Mt	6	0	0	1	0	2	0	0	0	0	0	2	0	5	Hook Mt	3	0	1	0	1	7	4	0	0	0	0	0	8	145	167								
Hook Mt	6	0	1	1	2	61	6	8	3	0	2	0	0	84	Mt Peter	6	0	3	0	0	20	2	0	0	0	0	0	3	0	30								
Lenoir	4	0	0	0	0	4	1	1	0	0	7	0	44	58	Chimney Rock	6	0	3	1	0	22	4	3	0	0	0	1	0	35									
Mt Peter	7	0	2	0	1	8	0	2	0	0	0	4	32	50	Montclair	8	1	6	1	4	168	30	19	8	1	29	9	71	348									
Chimney Rock	8	0	6	1	5	138	11	54	12	0	13	1	0	243	Wildcat Ridge	6	2	3	1	5	53	4	1	0	0	31	9	261	374									
Montclair	7	0	3	0	1	37	15	4	0	0	2	3	11	76	10/21																							
Picatinny	6	0	2	0	2	31	2	1	0	0	3	3	0	44	LIGHT					NE			CLOUDY					TOT										
State Line	7	0	0	0	0	49	2	3	0	0	0	0	0	54	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT										
Wildcat Ridge	5	0	0	1	0	9	1	0	0	0	0	4	0	19	Cadillac Mt	3	0	0	0	1	2	1	3	1	2	0	0	0	12									
10/13													10/22																									
MODERATE-LIGHT					NW-N			HIGH THIN CLOUDS					TOT	MODERATE					NE			CLOUDY					TOT											
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											
Cadillac Mt	6	0	4	0	2	18	1	1	3	2	0	1	0	34	Cadillac Mt	4	0	0	0	0	15	0	1	2	0	0	1	1	21									
Putney Mt	5	0	0	0	0	6	1	2	1	0	1	1	0	12	Blueberry	6	0	0	1	0	5	3	0	0	0	2	8	8	30									
Morris Isl	6	0	1	0	1	34	4	0	0	12	0	2	3	57	Shatterack	3	0	0	1	2	4	0	0	0	0	1	0	0	11									
Barre Falls	6	0	1	0	0	29	2	11	2	0	0	4	0	49	Lighthouse	8	6	2	0	4	165	14	0	3	2	9	49	19	273									
Blueberry	8	0	2	0	3	23	3	2	0	0	0	7	2	43	Quaker Ridge	8	0	0	1	1	39	6	3	1	1	5	12	87	159									
Flirt Hill	8	0	6	2	5	21	5	9	0	0	1	5	0	54	Fire Island	6	0	3	1	5	13	3	3	15	1	0	0	0	44									
East Shore	2	1	1	1	0	7	2	0	0	0	2	2	0	20	Bear Mt	5	0	0	0	1	19	2	0	0	0	2	14	13	56									
Lighthouse	7	0	9	0	2	100	7	11	3	1	3	1	2	144	Hook Mt	6	0	0	0	0	17	1	1	0	0	7	6	46	79									
Quaker Ridge	9	1	4	1	4	173	30	14	7	4	18	25	20	307	Chimney Rock	6	0	0	0	3	25	7	3	0	1	26	3	0	69									
Fire Island	7	0	0	0	1	0	1	0	5	2	0	0	0	9	Montclair	7	4	0	0	1	69	16	3	2	0	29	47	203										
Bear Mt	5	0	0	2	0	35	2	0	2	0	5	1	0	47	Picatinny	6	0	1	4	3	37	3	0	0	0	5	3	0	57									
Hook Mt	9	0	2	1	8	149	8	1	1	0	3	0	0	173	Wildcat Ridge	5	0	1	0	0	7	2	0	0	0	3	1	0	14									
Mt Peter	4	0	0	0	2	15	6	0	0	0	0	6	0	29	10/23																							
Summitville	2	0	0	0	1	4	13	0	5	0	0	0	9	32	MODERATE					NE			CLOUDY					TOT										
Chimney Rock	8	0	1	2	3	20	4	8	3	1	5	0	0	50	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT										
Montclair	8	0	6	0	1	73	27	10	4	0	4	3	64	193	Putney Mt	4	0	0	0	0	5	1	0	0	0	0	2	0	9									
Picatinny	3	0	2	0	0	24	0	0	0	1	1	0	0	28	Barre Falls	6	0	3	0	4	26	2	1	0	0	5	23	12	78									
Wildcat Ridge	5	0	3	0	2	55	3	0	0	0	3	2	0	68	Blueberry	7	0	0	1	0	3	3	0	0	0	1	8	1	19									
10/17													10/26																									
STRONG					SW-W			MOSTLY CLOUDY					TOT	LIGHT					NW			CLEAR					TOT											
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											
Putney Mt	5	0	0	0	1	38	4	3	1	0	0	6	4	60	Cadillac Mt	4	0	0	2	2	16	1	0	0	0	0	3	0	24									
Chickatawbud	10	0	0	0	0	6	7	0	0	3	0	13	0	29	Barre Falls	5	0	0	0	0	3	1	0	0	0	7	1	2	16									
Morris Isl	5	0	0	0	2	15	4	1	0	3	0	0	0	26	Blueberry	7	0	0	1	0	7	0	0	0	0	0	8	9	25									
Barre Falls	6	0	4	2	1	9	6	1	2	0	0	6	0	32	Shatterack	5	0	0	0	0	2	0	0	0	0	3	3	9	17									
Blueberry	7	0	1	1	1	18	0	3	2	0	0	0	16	43	Lighthouse	7	0	1	3	8	70	10	6	4	0	3	56	20	190									
Shatterack	3	0	0	1	0	28	3	1	0	2	0	7	4	48	Quaker Ridge	8	0	0	0	2	14	1	0	1	0	4	9	7	39									
Lighthouse	6	0	8	0	1	26	2	6	0	0	0	15	63	Fire Island	7	0	0	0	6	17	0	0	5	0	0	0	0	28										
Quaker Ridge	8	0	4	1	1	13	3	2	0	0	0	3	18	47	Hook Mt	5	0	0	0	0	14	2	1	0	0	2	1	0	20									
Fire Island	6	0	0	0	2	2	0	0	9	3	0	0	0	16	Lenoir	5	0	0	0	0	1	2	1	0	0	0	6	28	43									
Hook Mt	6	0	3	0	1	1	8	0	0	0	0	0	0	14	Summitville	4	0	0	1	0	0	1	0	0	0	0	1	3	10									
Lenoir	5	0	11	0	2	18	4	2	6	3	0	13	108	169	Chimney Rock	5	0	1	2	1	7	2	0	1	0	4	0	0	18									
Mt Peter	7	0	1	1	0	35	4	0	0	1	0	5	0	47	Montclair	7	0	1	4	1	34	5	0	3	1	4	14	34	101									
Summitville	3	0	0	0	0	13	1	0	1	0	0	15	30	60	Picatinny	5	0	0	0	0	1	0	1	0	0	1	8	0	12									
Chimney Rock	8	0	4	1	3	54	2	6	3	0	0	1	0	75	Wildcat Ridge	7	0	0	1	0	12	0	1	0	0	1	9	1	28									
Montclair	7	0	3	1	0	3	2	0	1	0	0	6	21	38	10/18																							
Picatinny	7	0	6	3	1	49	3	1	0	1	6	14	0	85	STRONG					W-NW			MOSTLY CLOUDY					TOT										
Wildcat Ridge	6	0	4	2	1	16	1	1	0	0	0	9	5	43	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT										
10/18													10/26																									
STRONG					W-NW			MOSTLY CLOUDY					TOT	LIGHT					NW			CLEAR					TOT											
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											
Putney Mt	7	0	0	0	0	45	9	7	1	2	0	33	9	106	Cadillac Mt	4	0	0	2	2	16	1	0	0	0	0	3	0	24									
Morris Isl	6	0	1	0	2	59	9	2	0	5	0	5	7	90	Barre Falls	5	0	0	0	0	3	1	0	0	0	7	1	2	16									
Barre Falls	8	0	0	1	0	62	11	3	5	0	2	6	0	93	Blueberry	7	0	0	1	0	7	0	0	0	0	0	8	9	25									
Blueberry	6	0	1	2	1	27	4	4	2	0	0	5	8	56	Shatterack	5	0	0	0	0	2	0	0	0	0	3	3	9	17									
Shatterack	6	0	4	0	0	64	5	1	2	1	0	6																										

10/27													11/8																	
LIGHT			NNE			MOSTLY CLOUDY							STRONG			NW			CLEAR-CLOUDING											
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV					
Cadillac Mt	4	0	0	0	1	13	0	0	1	0	0	2	0	18	Morris Isl	5	0	0	0	0	13	2	0	0	4	0	3	1	23	
Putney Mt	7	0	0	0	0	12	1	1	0	0	0	42	0	57	Barre Falls	5	0	0	2	0	4	2	0	0	0	2	8	0	18	
Chickatawbud	10	0	0	0	0	0	3	0	0	0	0	4	0	7	Blueberry	7	0	0	2	1	0	0	0	0	0	2	27	0	39	
Morris Isl	5	0	0	0	0	67	16	0	1	0	0	6	0	90	Shatterack	7	0	0	0	0	4	0	0	0	0	3	57	0	66	
Barre Falls	5	0	0	0	2	11	0	0	0	0	2	12	6	34	Lighthouse	8	0	1	3	0	68	7	1	3	1	4	46	30	168	
Blueberry	6	0	0	0	3	4	2	0	0	0	0	3	1	14	Quaker Ridge	8	0	0	0	2	2	2	0	0	0	21	14	2	46	
Shatterack	4	0	0	0	0	6	0	0	0	0	0	6	4	16	Fire Island	9	0	0	1	8	20	0	3	3	1	0	0	0	40	
Lighthouse	8	0	0	1	5	91	19	1	5	0	4	31	26	187	Hook Mt	4	0	0	1	0	4	3	0	0	0	2	24	2	36	
Quaker Ridge	8	0	0	0	3	23	2	3	2	0	9	8	0	54	Mt Peter	6	0	0	0	0	1	0	0	0	0	4	30	19	64	
Fire Island	8	0	0	0	1	5	1	3	2	1	0	0	0	14	Chimney Rock	6	0	0	0	1	4	2	0	0	0	2	12	0	21	
Hook Mt	3	0	0	0	0	8	1	0	0	0	2	0	3	14	Montclair	7	0	0	3	1	8	4	0	1	0	5	27	12	62	
Lenoir	3	0	0	0	0	1	1	0	0	0	0	6	19	27	Picatinny	3	0	0	0	2	1	0	0	0	0	1	9	0	18	
Mt Peter	7	0	0	0	0	14	1	0	0	0	2	5	0	22	11/9															
Chimney Rock	6	0	0	0	0	36	7	0	0	0	13	38	0	95	MODERATE			NW			CLEAR- PARTLY CLOUDY									
Montclair	7	0	1	1	2	28	12	0	0	1	10	17	19	91	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		
Wildcat Ridge	5	0	0	0	0	1	1	0	0	0	2	3	6	15	Barre Falls	6	0	0	0	0	1	1	0	0	0	1	51	1	55	
10/28													11/10																	
LIGHT			NE			CLEAR							LIGHT			SW			CLOUDY											
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV					
Cadillac Mt	5	0	0	2	3	15	0	0	0	0	0	8	0	31	Barre Falls	4	0	0	0	0	0	0	0	0	4	26	0	30		
Putney Mt	5	0	0	0	0	1	0	0	0	0	0	14	0	15	Blueberry	6	0	0	1	0	0	0	0	0	0	0	15	0	16	
Morris Isl	4	0	0	0	0	21	1	0	0	0	0	0	0	22	Lighthouse	7	0	0	0	1	13	4	0	2	1	10	55	13	99	
Barre Falls	6	0	0	1	0	7	1	0	0	0	4	1	0	15	Quaker Ridge	8	0	0	0	0	4	2	0	0	0	13	19	12	51	
Blueberry	7	0	0	0	2	5	2	0	0	0	2	2	1	16	Bear Mt	5	0	0	0	0	1	0	0	0	0	0	0	0	0	2
Shatterack	4	0	0	0	0	2	0	0	0	0	1	11	0	14	Hook Mt	5	0	0	0	0	2	0	0	0	0	0	3	9	4	21
Lighthouse	7	2	0	1	6	41	3	1	2	0	7	57	40	175	Lenoir	2	0	0	0	0	0	0	0	0	0	0	5	21	26	
Quaker Ridge	8	0	0	0	2	18	4	0	0	0	17	21	8	74	Mt Peter	7	0	0	3	0	2	0	0	0	0	0	51	14	73	
Fire Island	8	0	1	0	2	10	0	0	0	6	0	0	0	19	Chimney Rock	6	0	0	0	1	13	6	3	0	0	17	29	0	70	
Hook Mt	8	0	0	1	0	20	5	0	0	0	13	1	1	42	Montclair	7	0	1	0	1	11	1	0	0	1	24	97	36	172	
Mt Peter	5	0	0	0	1	3	2	0	0	0	0	7	4	17	Picatinny	4	0	0	1	1	0	0	0	0	0	2	9	41	54	
Summitville	4	0	0	0	0	0	0	0	0	0	1	8	3	12	11/13															
Chimney Rock	5	0	0	2	0	5	0	1	0	0	0	0	0	8	MODERATE			NE-NW			CLEAR									
Montclair	8	0	0	0	0	12	6	0	0	0	11	6	29	66	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		
10/31													11/11																	
STRONG			W			PARTLY CLOUDY							LIGHT			SW			CLOUDY											
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV					
Putney Mt	6	0	0	0	0	2	1	0	0	0	0	17	0	21	Barre Falls	4	0	0	0	0	0	0	0	0	4	26	0	30		
Chickatawbud	9	0	0	0	0	4	9	0	2	0	0	5	0	20	Blueberry	6	0	0	1	0	0	0	0	0	0	0	0	0	16	
Barre Falls	5	0	0	3	1	4	1	0	0	0	2	6	4	23	Lighthouse	7	0	0	0	1	13	4	0	2	1	10	55	13	99	
Blueberry	6	0	0	1	0	1	0	0	0	0	0	2	0	4	Quaker Ridge	8	0	0	0	1	7	0	0	2	0	38	52	7	111	
Shatterack	6	0	0	0	0	5	0	0	0	0	0	10	0	25	Bear Mt	6	0	0	1	1	3	0	0	0	0	8	83	0	101	
Lighthouse	7	0	0	0	5	30	5	1	4	5	0	1	4	61	Hook Mt	7	0	0	1	2	10	0	0	0	0	28	68	0	132	
Quaker Ridge	6	0	2	2	1	6	0	0	0	0	0	4	2	17	Chimney Rock	6	0	1	1	0	2	2	0	0	0	7	26	0	41	
Hook Mt	5	0	0	0	0	3	1	0	0	0	1	0	0	5	Montclair	7	0	0	2	1	13	1	0	0	0	32	65	31	145	
Lenoir	5	0	1	1	2	8	1	2	1	1	0	6	46	70	Wildcat Ridge	4	0	0	0	0	2	0	0	0	0	1	3	2	8	
Mt Peter	7	0	0	0	1	17	1	0	1	0	0	17	28	68	11/14															
Chimney Rock	6	0	0	2	4	26	5	0	0	1	2	8	0	49	MODERATE			NW			CLEAR									
Montclair	8	0	0	1	0	11	8	0	0	0	3	3	13	39	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	TOT		
Picatinny	8	0	3	2	4	10	3	2	0	0	12	58	0	101	Barre Falls	6	0	1	0	2	1	0	0	0	0	0	14	0	18	
Wildcat Ridge	8	0	1	0	1	4	0	2	0	0	0	9	0	17	Blueberry	5	0	0	3	2	1	2	0	0	0	2	70	0	85	
11/1													11/15																	
STRONG			NW			CLEAR							MODERATE			NW			CLEAR											
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV					
Morris Isl	6	0	0	0	2	47	10	0	3	0	0	5	6	79	Morris Isl	5	0	0	0	0	4	0	0	1	1	0	4	0	10	
Barre Falls	6	0	0	0	0	4	2	0	0	0	0	6	0	12	Barre Falls	5	0	0	0	0	2	0	0	0	0	0	20	0	22	
Blueberry	5	0	0	2	1	0	0	0	0	0	0	26	1	30	Blueberry	6	0	0	0	0	0	0	0	0	0	2	19	0	21	
Shatterack	6	0	0	0	0	6	1	0	0	0	2	52	0	61	Wampanoag	3	0	0	0	0	0	0	0	0	0	0	2	15	10	203
Lighthouse	8	0	0	1	10	83	2	2	6	0	0	18	0	124	Lighthouse	7	0	0	1	9	55	19	0	4	0	16	75	10	203	
Quaker Ridge	8	0	0	1	1	5	1	1	0	0	4	5	2	23	Quaker Ridge	6	0	0	0	1	4	0	0	1	0	17	12	13	50	
Bear Mt	6	0	0	0	0	0	0	0	0	0	0	0	0	1	Hook Mt	4	0	0	3	1	3	0	0	0	0	1	2	0	12	
Hook Mt	5	0	0	0	1	2	0	1	0	0	0	1	0	6	Lenoir	4	0	0	0	0	0	0	0	0	0	3	27	37	67	
Mt Peter	7	0	0	0	0	6	0	0	0	0	1	35	22	64	Mt Peter	4	0	0	0	0	0	1	0	0	0	0	2	0	3	
Chimney Rock	6	0	1	3	2	17	7	3	0	0	5	8	0	49	Montclair	6	0	0	0	0	3	1	0	0	0	5	6	5	20	
Montclair	8	0	0	1	5	14	8	0	0	0	5	21	5	60	Picatinny	4	0	0	2	1	1	0	0	0	0	0	2	0	7	
Picatinny	5	0	0	0	1	2	0	0	0	0	3	3	0	10	Wildcat Ridge	4	0	1	0	0	0	0	0	0	0	0	5	0	6	
11/3													11/15																	
STRONG			NW			CLOUDY-CLEARING							MODERATE			NW			CLEAR											
HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV	HRS	BW	OS	BE	NH	SS	CH	AK	ML	PG	RS	RT	TV					
Barre Falls	6	0	1	0	3	0	0	0	0	0	4	6	1	16	Morris Isl	5	0	0	0	0	4	0	0	1	1	0	4	0	10	
Blueberry	6	0	0	1	0	1	0	0	0	0	0	16	0	22	Barre Falls	5	0	0	0	0	2	0	0	0	0	0	20	0	22	
Shatterack	4	0	1	0	2	3	0	0	0	0	0	6	0	13	Blueberry	7	0	0	0	0	2	1	0	0	0	2	26	1	32	
Lighthouse	9	0	0	1	18	60	3	0	2																					

