

**GREATER TORONTO**

**RAPTOR WATCH**

**FALL 1995**



D. BEADIE 96...



# Table of Contents

	Page
Table of Contents .....	1
Contributors of this Report .....	2
Fall Migration and Historical One Day Peaks.....	3
Map of Cranberry Marsh .....	4
Map of High Park.....	5
Cranberry Marsh Species Accounts .....	6
Cranberry Marsh Acknowledgments.....	10
High Park Species Accounts .....	11
High Park Acknowledgments.....	16
Comparison of 1994 to 1995 Counts for High Park .....	17
Cranberry Marsh 1990 to 1995 Hawk migration.....	18
High Park 1993 to 1995 Hawk migration .....	19
Cranberry Marsh Dailies .....	20
High Park Dailies.....	23
Greater Toronto Weather During the 1995 Autumn Hawk Migration.....	25
Hawk sightings reported from other sources.....	27
High Park Birds On Migration 1994 and 1995.....	30

## Contributor's of this Report

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## GREATER TORONTO RAPTOR WATCH FALL MIGRATION AND HISTORICAL ONE DAY PEAKS CRANBERRY MARSH, WHITBY - HIGH PARK, TORONTO

Species Names	September			October			November			Peaks
	E	M	L	E	M	L	E	M	L	
Turkey Vulture										860 Oct.13.91
Osprey										15 Sep.11.92
Bald Eagle										5 Sep.19.93
Northern Harrier										87 Sep.17.94
Sharp-shinned Hawk										520 Sep.11.93
Cooper's Hawk										26 Sep.23.92
Northern Goshawk										11 Oct.29.95
Red-shouldered Hawk										120 Oct.13.91
Broad-winged Hawk										5,343 Sep.18.94
Red-tailed Hawk										1,268 Oct.29.95
Rough-legged Hawk										47 Nov.8.90
Golden Eagle										10 Oct.28.95
American Kestrel										229 Sep.11.91
Merlin										9 Sep.11.91
Peregrine Falcon										7 Sep.29.90

Key: Range of flight ——— Peak Period ———



# CRANBERRY MARSH

The map illustrates the Cranberry Marsh area, bounded by Victoria St. West to the north and Lake Ontario to the south. Key features include:

- Shisko's Golf Driving Range**: Located in the northwest corner.
- Lynde Shores Conservation Area**: The central land area, containing the **NE Flats** and **CRANBERRY MARSH**.
- Private Road**: A vertical road separating the conservation area from the eastern properties.
- East Plat**: A small area east of the Private Road.
- Old Osprey Plat** and **North Plat**: Located in the southwest.
- South Plat**: Located in the south, near Lake Ontario.
- Goldenrod Field**: A stippled area near the NE Flats.
- Shoreline**: The boundary between the land and Lake Ontario, marked with wavy lines.
- Tall Tower** and **Short Tower**: Located on the eastern shore.
- Apartment Building**: Labeled "APARTMENTS (3.75km)" near the top center.
- Distances**: Indicated by dashed lines: (3.5 km) from the NE Flats to the shoreline, and (2.5 km) from the East Plat to the shoreline.

* THE WILLOWS	THE CAT-TAILS
U THE DIP	MARSH AREA
THE PINE TREE	PRIVATE LAND
THE SILO	CONSERVATION
GOLDENROD FIELD	LAKE ONTARIO

DRAWN BY: MICHAEL BOLDREAN 05/25/95

GREATER TORONTO RAPTOR WATCH  
P.O. BOX 14555, 75 BRYLY ST. W.,  
AJAX, ONTARIO, L1S 7L4

0 100 250 500 1000m.

SCALE  
1 cm = 100 metres

# HIGH PARK

**FLIGHT DIRECTION OF RAPTORS IN THE FALL IS TO THE WEST**

THERE ARE MANY FOOT TRAILS THRU-OUT THE PARK WITH VARIED HABITATS THAT MAKE FOR GOOD BIRDING

**LEGEND**

- (1) = SCHOOL
- (2) = WOOD CHIP PILE & SPRUCE GROVE
- (3) = ALLOTMENT GARDENS
- (4) = OUTDOOR THEATRE
- (5) = GREEN HOUSES
- (6) = COLBORNE LODGE AND VALLEY
- (7) = HOWARD MONUMENT / TOMB AND VALLEYS
- (8) = HILLSIDE GARDENS
- (9) = RENNIE PARK
- (H) = CARLETON STREETCAR LOOP AT HOWARD PARK AVE.
- (W) = SAFE WASHROOM
- (P) = PARKING ( ALL FREE )
- [ ] = TTC STREETCAR STOP
- [ ] = BLOOR SUBWAY STATION
- A = 1st WOODEN BRIDGE
- B = 2nd WOODEN BRIDGE

**NOTE :- HIGH PARK IS CLOSED TO MOTORIZED TRAFFIC ON ALL SUNDAYS AND HOLIDAYS IN AUGUST AND SEPTEMBER AND ON SOME SUNDAYS IN OCTOBER.**

**YOU MAY PARK ON SOME STREETS OUTSIDE OF THE PARK BUT IF YOU CAN COME BY TTC IT IS NOT A LONG WALK TO THE HAWK VIEWING HILL.**



## Greater Toronto Raptor Watch Cranberry Marsh, 1995 Species Accounts

### Turkey Vulture

Sightings:	644	Peak Flight:	132 on Oct 9
Per Hour:	2	% of Flight:	0.10%
First sighting:	Sep. 01	90% of Flight:	Oct 01 to Oct. 16
Last sighting:	Nov. 21	1990-1995 Averages:	1095
Holiday Beach	16,468	Hawk Cliff	2975

We did not have the weather behave when the TV's were migrating in our area the peak day October 9 the winds were from SSE. The total sightings was the lowest we have witnessed. Our highest was 1869 in 1994.

### Osprey

Sightings:	57	Peak Flight:	9 on Sep.30
Per Hour:	0.1	% of Flight:	0.01%
First sighting:	Aug.27	90% of Flight:	Sep.14 to Sep.30
Last sighting:	Oct.29	1990-1995 Averages:	62
Holiday Beach	199	Hawk Cliff	224

Since 1991 our numbers of Osprey have been down, the probable cause is weather again.

### Bald Eagle

Sightings:	27	Peak Flight:	3 on Nov.19 and 28
Per Hour:	0.1	% of Flight:	0.01%
First sighting:	Sep.4	90% of Flight:	Oct.30 to Nov.29
Last sighting:	Nov.29	1990-1995 Averages:	16
Holiday Beach	53	Hawk Cliff	61

Bald Eagles are increasing in the Great Lakes, what is a little odd though is way in 1995 did this species wait longer than normal to show up in our area. Bald Eagle are down in the Toronto region by mid September. The causes: Weather since Bald Eagles prefer Northerly winds which broke down to seven times between mid to late September compared to twelve times from Oct.30 to Nov. 29.

Ages of Bald Eagles passing through Cranberry Marsh, 1995				
	September	October	November	Total
1st year	2	3	5	10
2nd yr	1	2	2	05
3rd yr	1	0	1	02
Adult	5	0	2	07
UE	1	1	1	03
<b>Total</b>	<b>10</b>	<b>6</b>	<b>11</b>	<b>27</b>

### Northern Harrier

Sightings	157	Peak Flight	13 on Sep.14
Per Hour	0.4	% of Flight	0.03%
First Sighting	Aug.27	90% of Flight	Sep.02 to Sep.28
Last Sighting	Nov.30	1990 - 1995 Averages	168
Holiday Beach	1,341	Hawk Cliff	766

We kept an account of all male Harriers at our watch sites, the monthly totals are listed below.

September	2	October	7	November	7	Total	16
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The reason for keeping track of the male Harriers is that this sex of this species are not all that common in our region. We understand how common Male Harriers are in other areas.

### Sharp-shinned Hawk

Sightings	1,310	Peak Flight	180 on Sep.09
Per Hour	3	% of Flight	0.22%
First Sighting	Aug.27	90% of Flight	Sep.09 to Sep.23
Last Sighting	Nov.30	1990 - 1995 Averages	1,448
Holiday Beach	15,376	Hawk Cliff	5,672

Our season total of 1,310 remains lower than our average. Sightings per hour have dropped from an average of 5per/hr to 3 per/hr.

### Cooper's Hawk

Sightings	57	Peak Flight	8 on Sep.02
Per Hour	0.1	% of Flight	0.01%
First Sighting	Sep.01	90% of Flight	Sep.01 to Sep.27
Last Sighting	Nov.22	1990 - 1995 Averages	98
Holiday Beach	765	Hawk Cliff	445

Season total of 57 remains below average, but did surpass 1994 total of 31.

### Northern Goshawk

Sightings	49	Peak Flight	11 on Oct.29
Per Hour	0.01	% of Flight	0.01%
First Sighting	Sep.24	90% of Flight	Nov.05 to Nov.28
Last Sighting	Nov.28	1990 - 1995 Averages	29
Holiday Beach	59	Hawk Cliff	36

We set a new peak flight record of 11 on Oct.29, this surpasses our previous record of 6 on Oct.20, 1990. Also we set a season total high with 49, our previous record was 37 in 1991.



**Red-shouldered Hawk**

Sightings	28	Peak Flight	11
Per Hour	0.1	% of Flight	0.01%
First Sighting	Sep.02	90% of Flight	Oct. 29 to Nov.28
Last Sighting	Nov.28	1990 - 1995 Averages	83
Holiday Beach	902	Hawk Cliff	272

Sightings of this species remains low at this watch-site for a third consecutive year.

**Broad - winged Hawk**

Sightings	1,477	Peak Flight	813 on Sep.10
Per Hour	4	% of Flight	0.25%
First Sighting	Sep.01	90% of Flight	Sep.09 to Sep.23
Last Sighting	Sep.28	1990 - 1995 Averages	83
Holiday Beach	22,431	Hawk Cliff	12,818

The weather played a large part in the low count this season. At peak flight time the winds were from the southerly direction, forcing the Broad-wings inland north of our watch-site

**Swainson's Hawk**

Pending approval of the Ontario Birds Record Committiee. On September 11 we observed one immature Light morph J. Barker, D.Lockrey, M&C Boudreau were the observers. D. Lockrey submitted the rare bird report.

**Red-tailed Hawk**

Sightings	1,303	Peak Flight	494 on Oct.29
Per Hour	3	% of Flight	0.22%
First Sighting	Sep.02	90% of Flight	Oct.29 to Nov.23
Last Sighting	Nov.30	1990 - 1995 Averages	1,115
Holiday Beach	11,393	Hawk Cliff	272

Red-tails had a fairly good showing at this site. Our season total of 1,303 was better than average and improved from 1994 (283) & 1993 (496).

**Rough-legged Hawk**

Sightings	119	Peak Flight	22 on Nov.19
Per Hour	0.3	% of Flight	0.02%
First Sighting	Oct.10	90% of Flight	Oct.29 to Nov.29
Last Sighting	Nov.29	1990 - 1995 Averages	82
Holiday Beach	171	Hawk Cliff	3

Our season total of 119 was our second highest total. Our season high was in 1991 with 222 recorded. A peak day of 22 equals the season total at the High Park watch station.

**Golden Eagle**

Sightings	21	Peak Flight	10 on Oct.29
Per Hour	0.1	% of Flight	0.01%
First Sighting	Sep.23	90% of Flight	Oct. 25 to Oct. 29
Last Sighting	Nov. 28	1990 - 1995 Averages	12
Holiday Beach	75	Hawk Cliff	20

The season total is our best ever. This overtakes our previous record of 19 in 1990. On September 23 Two pairs flew directly over the marsh.

**American Kestrel**

Sightings	479	Peak Flight	107 on Sep.14
Per Hour	1	% of Flight	0.08 %
First Sighting	Sep. 01	90% of Flight	Sep. 01 to Sep. 27
Last Sighting	Nov. 20	1990 - 1995 Averages	610
Holiday Beach	4,929	Hawk Cliff	3,476

This year's season total of 479 remains below our six year average of 610

**Merlin**

Sightings	50	Peak Flight	7 on Oct.16
Per Hour	0.1	% of Flight	0.01 %
First Sighting	Aug. 27	90% of Flight	Aug. 27 to Sep. 28
Last Sighting	Nov.12	1990 - 1995 Averages	28
Holiday Beach	121	Hawk Cliff	120

Our season total of 50 was well above our average of 28, but fell short of our season high of 74 recorded in 1991.

**Peregrine Falcon**

Sightings	15	Peak Flight	4 on Sep. 30
Per Hour	0	% of Flight	0%
First Sighting	Sep. 09	90% of Flight	Sep. 23 to Oct.07
Last Sighting	Oct. 25	1990 - 1995 Averages	22
Holiday Beach	83	Hawk Cliff	143

This season's total of 15 was our second lowest total in our six years

**Unidentified Raptors**

The total of unidentified raptors is 171.



## Acknowledgements

A great deal of thanks must be directed to Mike Boudreau and Doug Lockrey without their effort this report would not come close in detail that a Hawk report should have. To the other people who contributed to the success of the Cranberry Watch you are the people that we need to keep this watch alive.

### Counters

John Barker  
Rayfield Pye  
Doug Lockrey  
Alfred Lisk  
Mike Boudreau  
R.G. Shillabeer  
Mike Street  
J. Ashdown  
John Ridley

### Active Observers

M. Bence	P. Holder
J. Fairchild	K. Ridge
M. King	J. Silverberg
J. Stevens	J.M. Speirs
G. Gallant	M. Wilson
D. Gascoigne	D. Worthington
J. Iron	H. Kerr
R. Pittaway	C. Boudreau
D & W Mohr	
L. Schlichter	
E. Beagan	
M. Bain	
D. Shannon	
B. Petty	
D. Calvert	

## 1995 HIGH PARK RAPTOR WATCH

### Introduction

This is the second year of regular monitoring of Raptors at High Park in Toronto. The watch site is located on a prominent hill immediately north of the Grenadier Restaurant parking lot. This site is 1.25 kilometres north of Lake Ontario and is at an elevation of 110 metres, 34.8 metres above the lake level. Daily monitoring is done from September 1st to November 30th, from about 8 a.m. to 6 p.m., except during days of inclement weather. All raptor species are counted and on a more casual basis, other bird species.

Due to its accessible location in a major urban centre this site continues to attract growing numbers of observers, both casual and serious, during the monitoring season. Information on the Raptor watch and daily/seasonal totals for the 1996 season will be posted on the bulletin board at the front of the Grenadier Restaurant. The main objective for the 1996 season will be to increase observer hours and continue to refine record keeping to ensure its completeness, accuracy and usefulness. A secondary objective will be to monitor the migration from both lakeshore and sites further inland than High Park, particularly on days when there are large flights of raptors, especially Broad-winged Hawks, at these sites relative to that at High Park.

### Seasonal Summary

This watch had a total of 239 hours spread over 39 days. The total number of raptors for the three month period was 10016 of which 3751 were Broad-winged (37.5%), 2898 were Red-tailed (28.9%) and 1993 were Sharp-shinned Hawks (19.9%). Birds per hour were 41.9.

Numbers of Accipiters were up over last year but Buteo, Falcon and Vulture numbers were down. Specifically, there was an increase in Sharp-shinned, Cooper's, Northern Goshawk, Red-shouldered, Red-tailed, Rough-legged Hawk, Golden Eagle, Merlin and Peregrine Falcon numbers but a decrease in Turkey Vulture, Osprey, Bald Eagle, Northern Harrier, Broad-winged Hawk and American Kestrel numbers from 1994.

New one day highs were recorded for Cooper's Hawk, Northern Goshawk, Red-tailed Hawk, Rough-legged Hawk, Golden Eagle and Merlin.

On September 23rd, a Swainson's Hawk was recorded for the first time. It was seen briefly in the late morning at a considerable height and distance to the north-west of the watch site and was unaccompanied. It was identified as a light phase adult.

The season, until late October, was sunnier and milder than normal and the passage of cold fronts was consistent throughout the period. When cold fronts passed through in October however, they were often marked by strong, gusty winds that discouraged migration. The front



that brought such an impressive raptor flight on October 29-30 also induced very heavy east to west passerine migration. In November, cold fronts often arrived with snow.

#### Species Accounts

##### **Turkey Vulture**

A total of 290 birds were seen for the season with the peak number of 54 occurring on October 2nd. The first vulture was spotted on September 9 and the last was seen on November 22nd. The bulk of the migration was between September 23rd and October 29th with a total of 242 passing through.

The huge drop in numbers from 1711 in 1994 to just 290 in 1995 was likely due to the main movement of vultures occurring well to our north, probably along the Oak Ridges Moraine. For example, on a day of SW winds which was not conducive to a significant flight at High Park, 84 vultures were noted on the 11th of October in Thornhill. Lack of favorable wind drift conditions during their peak movement seems to be the reason that so few of these birds were recorded close to the Lake Ontario shoreline. As their population is increasing in Ontario, one would normally expect higher year-to-year numbers being recorded.

##### **Osprey**

28 birds were counted for the year with two peak days of 6 each on September 8th and 14th. The first Osprey was seen on September 1 and the last was seen on October 4. The peak migration period occurred between September 1st and October 4th.

The drop in numbers recorded of this recovering population from 1994 was probably due to more birds moving nearer the Lake Ontario shoreline, as numbers were up slightly at the Cran-berry watch site.

##### **Bald Eagle**

10 Bald Eagles, including 4 immatures were seen this year. The peak day was September 17th with three birds observed. The flight period was between September 8th and October 4th.

As Bald Eagle movement often closely parallels that of Osprey, the decrease in sightings is probably due to a more southerly main flight path.

##### **Northern Harrier**

This year's count was 88 with the bulk of Harriers sighted in the month of September. The peak day was September 17th with 16 birds recorded. Observations covered the period between September 1st and November 22nd.

It appears that the 1995 breeding season for Northern Harrier was not as successful as in 1994 (reduced prey supply?). A similar drop was also recorded at the Cranberry station.

##### **Sharp-shinned Hawk**

The peak day was September 14th when 427 individuals were counted. The bulk of the movement was between September 9th and October 8th. The 1776 total count was recorded over the entire raptor observation period: September 1st to November 28th.

Increased observer coverage was likely the explanation for the increase recorded for this ubiquitous raptor.

##### **Cooper's Hawk**

The total of 82 birds was fairly well distributed over the three month observation period. The peak was reached on September 9th with 14 hawks counted. 43 birds were recorded between September 1st and September 23rd with the last bird seen on November 24th.

The significant rise in numbers recorded may possibly indicate an increasing population.

##### **Northern Goshawk**

22 birds were seen in fall migration from September 17th to November 24. There was no significant peak noted but the bulk of the flight was between October 28th to November 24th with 20 hawks counted.

The increase in numbers recorded of this species was even more precipitous than that of Cooper's Hawk. A good breeding season combined with better coverage during its main flight period probably explains this increase. It would be interesting if there was any correlation with last year's Goshawk numbers to Snowshoe Hare numbers.



### **Red-shouldered Hawk**

The season's total was 301 with the first bird seen on the very early date of September 14th and the last on November 28th. The peak flight was observed from October 29th to November 12th with 261 birds counted. The day with the highest count was November 4th when 68 birds were counted.

It was encouraging to note the healthy increase in sightings of this species. Greater observer hours during its main flight period may be a contributing factor to the higher numbers recorded.

### **Broad-winged Hawk**

The most numerous raptor species counted has a season total of 3751 birds. The first date of observation was September 1st with the migration complete by October 4th. The peak day was September 14th with 3149 birds counted. 80% of the flight was recorded on just two days: September 14th and 17th.

A much smaller flight was observed in 1995 in comparison to 1994. Only one large flight, on September 14th, was seen, in comparison to 1994, when three days of large flights were recorded. It is likely that larger numbers were moving to our north.

### **Swainson's Hawk**

The single bird observed was recorded on September 23rd. It was identified as a adult light phase bird by Norm Murr.

### **Red-tailed Hawk**

2898 birds were seen from September 1st to November 28th. The bulk of the birds moved through between October 29th and November 28th with 2831 hawks recorded. The peak day was October 29th with 1268 birds observed.

High numbers were observed again this year. The flight on October 29th was even more impressive than the flight on November 10th last year. A mild October with generally unfavourable headwinds discouraged migration until a very sharp cold front arrived on October 29th. It appeared that a large build-up moved through over the next two days. A dark morph bird was recorded on November 8.

### **Rough-legged Hawk**

With a peak day on October 29th with 10 birds, a total of 22 individuals were observed during the autumn migration. The first observation date was October 29th and the last on November 19th.

The flight on October 29th equaled the total number recorded all of last year! Even higher numbers probably moved along the lakeshore route. Only one dark morph bird was noted. Snow that heralded the belated start of winter at their breeding grounds probably pushed them south.

### **Golden Eagle**

22 birds were seen during the year with a peak of 10 seen on October 29th. This was the first (and overdue) appearance date for this species with the last birds seen on November 29th. 7 of the 22 birds were sub-adult/immature.

An excellent flight this year started off later in the season than normal on October 29th when the first eagle was spotted at 8:42 a.m. It was joined by nine more in that day's parade. Excellent observer coverage and a flight period dominated by strong north to south wind drift conditions were the main contributing factors to this record year's flight. At least 14 other different individuals were recorded in migration in the Greater Toronto Region.

### **American Kestrel**

The season total of 304 Kestrels was recorded between the dates of September 1st and November 22nd. The bulk of the migration occurred between September 1st and October 2nd with a total of 267 birds recorded. The peak day was September 14th with 70 birds recorded.

Numbers were down this year but it is difficult to pinpoint why.

### **Merlin**

29 birds was observed during the year with observations from September 9th to November 8th. The peak day was September 17th with 7 birds observed. The bulk of the flight occurred between September 17th and October 12th with 23 Merlins recorded.

One of the highlights of the 1995 season was the new high reached in Merlins counted. The total recorded was even more impressive when the fact that High Park is an inland site is factored in. Unlike most raptors, they were seen moving into a strong headwind.



### Peregrine Falcon

5 birds were seen from September 14th to November 16th. The peak day was September 21st when 2 Peregrines were recorded.

A good count of this magnificent species - more than doubling last year's total. All the birds observed appeared to be migrants; not locally bred birds.

### Unidentified Raptors

The total of unidentified raptors is 170.

### Acknowledgements

The success of this year's watch, besides the cooperation of the birds themselves, is due to the dedication of all those assisting in the count. **Norm Murr**, in particular, stands out for his unswerving dedication, good humour and welcoming attitude to all observers and visitors.

Listed in alphabetic order are the names of the most active counters:

*Alfred Adamo*  
*Stan Bajurny*  
*Don Barnett*  
*David Beadle*  
*Dan Bone*  
*Hugh Currie*  
*Herb Elliott*  
*Bruce Falls*  
*Jerry Guild*  
*Mike King*  
*Fred Lyonde*  
*Craig MacLauchlan*  
*Naish McHugh*  
*Larry Morse*  
*Norm Murr*  
*Bob Yukich*

COMPARISON OF 1994 TO 1995 COUNTS FOR HIGH PARK				
SPECIES	1994	1995	% CHG	# / HR (1995)
TURKEY VULTURE	1711	290	-83.1	1.21
OSPREY	39	28	-28.2	0.12
BALD EAGLE	19	10	-47.3	0.04
NORTHERN HARRIER	277	88	-68.2	0.37
SHARP-SHINNED HAWK	1742	1993	14.4	8.34
COOPER'S HAWK	50	82	64	0.34
NORTHERN GOSHAWK	11	22	100	0.09
TOTAL ACCIPITER	1803	2097	16.3	8.77
RED-SHOULDERED HAWK	161	301	87	1.26
BROAD-WINGED HAWK	9408	3751	-60.1	15.7
RED-TAILED HAWK	2650	2898	9.4	12.13
ROUGH-LEGGED HAWK	10	22	120	0.09
SWAINSON'S HAWK	0	1	N/A	N/A
TOTAL BUTEO	12229	6973	-43	29.18
GOLDEN EAGLE	15	22	46.6	0.09
AMERICAN KESTREL	409	304	-25.7	1.27
MERLIN	15	29	93.3	0.12
PEREGRINE FALCON	2	5	150	0.02
TOTAL FALCON	426	338	-20.7	1.41
UNIDENTIFIED	226	170	N/A	N/A
RAPTOR TOTAL	16745	10016	-40.2	41.9



# GREATER TORONTO RAPTOR WATCH

Station: Cranberry Marsh

Location: Whitby, Ontario, Canada

Species/ Year	1990	1991	1992	1993	1994	1995	Total
Turkey Vulture	886	1,721	772	681	1,869	644	6573
Osprey	76	94	61	33	52	57	373
Bald Eagle	15	20	12	13	11	27	98
Northern Harrier	129	177	129	93	322	157	1007
Sharp-shinned Hawk	1,037	1,846	2,117	1,084	1,296	1,310	8,690
Cooper's Hawk	66	164	132	59	31	57	509
Northern Goshawk	36	37	33	11	9	49	175
Red-shouldered Hawk	81	186	168	16	20	28	499
Broad-winged Hawk	5,631	6,357	1,118	700	11,303	1,477	26,586
Swainson's Hawk	0	0	0	0	0	1	1
Red-tailed Hawk	1,269	1,858	1,483	496	283	1,303	6,692
Rough-legged Hawk	101	222	30	5	17	119	494
Golden Eagle	19	13	8	5	4	21	70
American Kestrel	410	1,086	758	269	661	479	3663
Merlin	21	74	40	17	31	50	233
Peregrine Falcon	21	38	29	13	19	15	135
Gyr Falcon	0	1	0	0	0	0	1
Unidentified Raptors	81	466	352	84	208	171	1362
Season Total	9879	14,360	7242	3579	16,136	5965	57161
Days	43	76	62	56	57	80	374
Hours	200	426	321	182	255	388	1772

Station: High Park

Location: Toronto, Ontario, Canada

Species/ Year	1993	1994	1995	Total
Turkey Vulture	291	1,711	290	2292
Osprey	5	39	28	72
Bald Eagle	0	19	10	29
Northern Harrier	19	277	88	384
Sharp-shinned Hawk	751	1,742	1,993	4486
Cooper's Hawk	32	50	82	164
Northern Goshawk	10	11	22	43
Red-shouldered Hawk	85	161	301	547
Broad-winged Hawk	261	9,408	3,751	13420
Swainson's Hawk	0	0	1	1
Red-tailed Hawk	781	2,650	2,898	6329
Rough-legged Hawk	6	10	22	38
Golden Eagle	4	15	22	41
American Kestrel	75	409	304	788
Merlin	0	15	29	44
Peregrine Falcon	0	2	5	7
Gyr Falcon	0	0	1	1*
Unidentified Raptors	18	146	170	334
Season Total	2338	16,665	10017	29020
Days	6	36	39	81
Hours	48	100	239	387

Note: An intermediate was seen by B. Lukich on December 2, 1995 at Sunnyside Beach, just south of High Park.



Cranberry Marsh - South Platform - Whitby- Durham R.M. - Ontario - Canada - Fall 1995																					
DATE	HRS	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RL	GE	AK	ML	PG	OT	UR	TOTAL	COMMENTS	
26-Aug	4																		0		
27-Aug	3		1		1	3									2				7		
1-Sep	5		1		1	6	2			1				2					13		
2-Sep	7		1	2	9	15	8		2	8	6			36	1			2	90		
3-Sep	4					2								1					3		
4-Sep	7		2	2	1	5	34				3			6				2	55	BE, 1-J / A LISK- 11 32 AM [EST]	
5-Sep	4					5								1					7		
6-Sep	25				2	6	1							5					14		
9-Sep	9		7	3	1	10	180	6		74	5			70	2	1		14	373	BE, 9:48AM-1A-R PYE/PG- ANATUM	
10-Sep	8		3	1	1	4	114	3		813	1			31	1			15	987	BE, 12:22PM- 1A - B PETTY	
11-Sep	6					1								3		1		1			SW, 9:52 AM - LIGHT MORPH - J BARKER
12-Sep	4					12								1	2				15		
14-Sep	7		4	1	13	157				182	3			107				9	476	BE, 12:39 PM - 1A - J BARKER	
15-Sep	4				1	5	19			260	1			4					290		
16-Sep	7		2	4		1	24		1					7	2			1	42		
17-Sep	7		2	1	2	11	139	5		12	7			48	2			4	233	BE, 12:22 PM - 1A - J BARKER/ 3:45 pm - 3YR - PHIL HOLDER	
18-Sep	6		9	1		8	33	1		4	10			27	1			1	95		
19-Sep	3				1	2	3				3			2					11	BE, 10:30 AM - 3YR - MIKE BOUDREAU	
20-Sep	1					2								2					4		
21-Sep	5		10		1	3	9				2			1				1	27	BE, 8:35 AM - JUV - M BO / 11:56AM - UE - GORD GALLET	
23-Sep	7		21	2	1	8	114	4		111	15			4	38	4	2	2	326	NH, MALE - 1 / BE, 2:30PM - 1A / GE, 2PAIRS - 2 PM R SHILL & M STREET	
24-Sep	6		1	2	1	17			1					6	3				31		
26-Sep	2					3								1					4		
27-Sep	7		21	3	1	8	37	3		3	9			12	1	1		3	102	NH, MALE - 1 / BE, 2ND YR - 10: 45 AM	
28-Sep	6		10	3		8	37			9	15			7	2			5	96		
29-Sep	7		8	2	1	36					7			1					55		
30-Sep	6		4	9	1	16			1					3	1	4		2	41	PG, ANATUM - AD - 1	
Total	27	145	102	41	10	103	1028	35	2	2	1477	87	0	4	421	25	8	1	62	3408	

Cranberry Marsh - South Platform - Fall 1995																					
DATE	HRS	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RL	GE	AK	ML	PG	OT	UR	TOTAL	COMMENTS	
1-Oct	6	94	1		4	23	1	1			2			1				2	129		
2-Oct	8	1	1		3	13			1		1			18				1	39	NH, Male - 2	
3-Oct	4	14	2			16			1		1			1					35		
4-Oct	5	2			1	7									1	1			12	PG, adult - 1	
5-Oct	3				2	12	1				3			4					22		
6-Oct	4		3			1												4			
7-Oct	4		1		1	2					1						2		7		
8-Oct	4	4				9		2						1	1			1	18	CH 1 - Going East	
9-Oct	7	132	1		1	20	1				5			2				1	163		
10-Oct	6	92		1	4	19	2				14	2			2			5	141	BE, 1st Yr - 9:45am	
11-Oct	5	6	1		1	3									1				12		
12-Oct	4.5	3		3	3	7					2				1				16	NH Male - 3, ML - 1 - T Local	
13-Oct	6	76		2	29	1						1			1	1		1	112	NH, Male-1, PG, ad, TV- 32 Largest Group	
14-Oct	2					5	1												6		
15-Oct	5	36				3		2	1		1			2	4			1	50	RS, 1 - Going East	
16-Oct	5	23	1	1		9					2			21	7	1		1	66	BE, 10:05 am - 2nd yr	
17-Oct	6	6			2	14	1				7			2				4	36		
18-Oct	3																		0		
19-Oct	4		1		5	4	2				17				1			2	32	NH, male-1	
20-Oct	4	9				1	3				11								24		
22-Oct	5		1								4								5		
23-Oct	6.5					1					4					1			6	ML, Going East - 1	
24-Oct	4					1					4								2		
25-Oct	5					2					4			1	1				9	GE, ad - 10:20 - M Boudreau / PG, ad	
26-Oct	4					5					2			3		1			11	RL, 1 - LM, 2 - DM	
27-Oct	2					2					2								4		
28-Oct	5	10		1		8	1	1						1	2	1		1	26	GE, 11:26am - 4 pm - Juv / BE, 2nd yr - 11:50am	
29-Oct	7	16	1	1	2	22	4	11	11		494			21	10			28	622	GE, 11:49 - ad, 12:04 12:25 12:33 1:10 1:25 1:38 1:55 2:12 2:27 - Juv	
30-Oct	5.5		2	1	3			2			73			19				8	108	BE, 2 - 1st yr - 10:30am	
31-Oct	3					1		2											3		
Total	30	143	522	16	6	32	242	18	21	14	0	650	48	13	53	22	7	0	56	1720	



Cranberry Marsh - South Platform - Fall 1995																				COMMENTS
DATE	HRS	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RL	GE	AK	ML	PG	OT	UR	TOTAL	
1-Nov	35					3					1	1							5	
2-Nov	3					1					18	2							21	
3-Nov	45										38	2							40	
4-Nov	7				4	3	1		2		91	2		1				2	120	NH - Male - 1
5-Nov	6	14			2	1		2	1		17	1			1			5	32	BE: 10:30am - ad - 3 pm - 1st yr. / NH - Male - 1
6-Nov	45	2		1	1	2					4	2							9	BE: 10:45am - 3rd yr. / RL: Light and dark morphs
9-Nov	6	1		2	7	1	1	2			109	10			1			26	160	RL: LM = 8, D.M. = 2
10-Nov	5				5						6				1				13	
12-Nov	5	1				1	2				18	1			1				25	
13-Nov	2																		0	
14-Nov	4										1								2	
15-Nov	35				3				3	1	33	5							45	NH - Male - 1 / RL - 4, LM - 1, DM
16-Nov	3				1	2			1		16	3						1	24	NH - Male - 1 / RL - 2, LM - 1, DM / NG - Imm
17-Nov	35					1			1	2	6	2						1	13	
19-Nov	65	1		3	2	6			6		68	22						14	122	BE - 10:50am UNK, 12:25 pm 2nd yr & 1st yr / RL - DM = 5
20-Nov	4					2			2		5	3			1				11	
21-Nov	5	1				5	1		1		33	5						1	47	
22-Nov	3					2	1				7	1							11	
23-Nov	45					1			1		12								14	
24-Nov	45				2	5			3	1	45	4						2	62	NH, Male - 2 / RL: LM / NG: Ad male - 1 / RS - 1 - juv
26-Nov	5			3	1				2	3	14				4				27	BE: 1:45pm - ad, 1:48 & 12:55pm - 1st yr / GE: 1:48pm - Ad & 1st yr, 1:58, 2:40 pm - 1st yr
28-Nov	4			2							23	5						1	31	BE: 10:57am - 1st yr, 10:58am - 2nd yr / RL: Light morphs
30-Nov	3				1	1					1							3		NH, male - 1
Total	23	100	20	0	11	22	40	4	26	12	0	566	71	4	5	3	0	53	837	
Season	80	388	644	57	27	157	1310	57	49	28	1477	1303	119	21	479	50	15	1	171	5965
Averages			1095	62	16	168	1448	98	29	83	4431	1115	82	12	610	28	22			
80-85																				
6-Seasons																				
2-Dec	5				1	1			4	2		35	1					2	46	

High Park - Hill # 9 - Toronto - ON. - Canada - Fall 1995																					
Data Submitted By: Norm Murr										Data Entered By: John J. Barker											
Date	HRS.	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RL	GE	AK	ML	PG	OT	UR	TOTAL	COMMENTS	
1-Sep	7		4		3	42	2			3	3				20			1	78		
4-Sep	6				8	28				3	1				13				53		
7-Sep	1		1				1												2		
8-Sep	6		6	2	2	49	1			2	1				7			3	73	10:10: 4th yr - 10:41am - 1st yr - 2:58pm	
9-Sep	9	1		1	6	286	14			100	1				47	2		12	470	10:10: 1st yr - 2:10pm - 11:11 - 10:00 feed	
10-Sep	7	7				61	2			9					5				84		
14-Sep	9	5	6	1	9	427	8		1	3149	4				70	1		13	861	10:10: ad - 1:58pm	
15-Sep	6					18				3	1				5				27		
17-Sep	6		1	3	16	232	7	1		333	1				21	7		1	623	10:10: ad - 1:45pm - Imm - 3:56pm - 4:05pm	
18-Sep	3				1	5	2			2	1				3				14		
21-Sep	5				3	45	3			2	3						2		58		
23-Sep	8	38	2	1	15	190	3	1	2	107	6				10		1	10	386	SV: Ad - Light Morphs - 10:18 (est) N.Mer. N.Cornic PBE: 1st yr 3:03pm	
24-Sep	5					4									4				8		
27-Sep	8	35	4		9	285			1	24	6				26		1	1	392		
29-Sep	2	3			1	12			6	6	3								25		
Total	15	88	89	24	8	73	1684	43	2	4	3743	31	0	0	231	9	4	1	41	5987	
2-Oct	8	54	3			69	3		1	2	3				36	4		1	176		
4-Oct	5	18	1		1	38	2			5	3				2	3			73		
8-Oct	7	24			2	55	4				5				7	6		6	109		
12-Oct	8					17									6	3			26		
13-Oct	5	4				13									2				19		
15-Oct	4	14				5			1						1				21		
16-Oct	5	25			3	43	1		3		7				7			3	92		
23-Oct	4	5							1		7				1				14		
25-Oct	7					11			6		4								21		
28-Oct	8	3				9		1	1		7							6	27		
29-Oct	9	19			3	70	4	2	42		1268	10	10		2	1		47	1478	GE: 8:42 Ad, 8:58 10:15 11:27 11:31 11:37 11:44 12:33 15:22 20:00	
30-Oct	9	3				20	7	3	31	1	367	1			3			39	475		
Total	12	79	169	4	0	9	350	21	6	86	8	1671	11	10	67	17	0	0	102	2531	



High Park - Hill #9 - Toronto - ON - Canada - Fall 1995																			
Date	HRS	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RI	GE	AK	MU	PGOT	UR	TOTAL	COMMENTS
3-Nov	7					3	3	2	17		101		2		1			126	GE 12:03, 1:16pm - 1st yr.
4-Nov	7.5	8				3	4	2	68		315			1			2	405	
5-Nov	7	4		1	2	1	2	1	3		28		1					45	BE, ad - 1:04pm / GE 1:45pm - 1st yr
8-Nov	8	4			1	11	3	2	59		315		2	3	2		19	423	GE 1st yr 2:20, 2:30pm / RL 1-DM / RT 1 Dark morph
9-Nov	5.5					4	2	1	6		156		2	4				175	GE 1st yr 9:45, 9:52, 12:29 - Adult 10:59
12-Nov	7	12			1	1	1	2	35		101						5	157	
16-Nov	6	3				1	1	1	3		11		1	1				21	
17-Nov	2					1	1	1										2	
19-Nov	6			1		1	3	2	6		56		2	1				72	BE Imm 2:37 - GE 2:22pm - Adult
22-Nov	7	1			2	2	2	1	7		34			1				48	NH male -1
24-Nov	5.5					2	2	1	6		59							70	
28-Nov	3					1			1		20		2				1	25	UE 1:30pm / GE 11:30am & 11:40am 1st yr
12	72	32	0	2	6	30	18	14	211	0	1196	11	12	6	3	1	0	27	1569
Total																			
Season	39	239	548	28	10	88	1994	82	301	3751	2898	22	22	304	29	5	1	170	10,087
Average			1000	33	14	182	1867	66	16	231	2774	16	18	356	22	3			
1994-95																			

Greater Toronto Weather during the Autumn Hawk Migration, 1995  
 Weather data taken from Pearson Airport  
 Source: Toronto Daily Star Forecas Prepared by MTI inc

Date	WEATHER	TEMP.C	HUMIDITY	WIND	SPEED	PERCIP	DAY
mm/dd	8am to 5pm	L/H	am/pm	from	km/h	mm	covered
Aug.26	Cloudy	17 to 25	66-35	VAR	2 to 11		0
Aug.27	Cloudy	19 to 22	86-73	NE	11 to 22		0
Aug.28	Sunny	12 to 23	68-51	E	7. to 7		0
Aug.29	Sunny	15 to 27	65-60	NNW	4 to 11		0
Aug.30	Sunny	15 to 22	56-52	SE	9 to 19		0
Aug.31	P.Cloudy	22 to 29	60-84	SW	22 to 45		3.8
Sep.1	P.Cloudy	15 to 23	69-56	NW	15 to 37		0.8
Sep.2	P.Cloudy	12 to 22	49-43	WSW	0 to 6		0
Sep.3	Cloudy	15 to 25	56-65	SSW/ENE	6 to 20		10.8
Sep.4	P.Cloudy	13 to 24	75-55	N	0 to 17		1.8
Sep.5	Sunny	16 to 29	54-42	W	19 to 22		0
Sep.6							
Sep.7	Showers	14 to 23	81-91	WSW/N	19 to 32		2.8
Sep.8	P.Cloudy	8 to 14	58-57	ENE	13 to 17		0
Sep.9	Sunny	10 to 20	59-36	N	4 to 7		0
Sep.10	Sunny	4 to 15	63-46	N	7 to 22		0
Sep.11	Sunny	8 to 20	34-35	SE	0 to 13		0
Sep.12	P.Cloudy	11 to 23	59-60	S	7 to 17		0
Sep.13	Cloudy	20 to 27	74-52	WSW	17 to 41	Trace	
Sep.14	P.Cloudy	15 to 25	63-58	NNW	15 to 30		0
Sep.15	Sunny	8 to 17	42-39	NNE/S	7 to 17		0.4
Sep.16	Sunny	13 to 22	64-53	S	13 to 22		0
Sep.17	Showers	15 to 20	86-64	NNW	15 to 26		7.4
Sep.18	Sunny	7 to 18	55-43	N	4 to 15		0
Sep.19	Sunny	8 to 17	56-43	SSE	7 to 15		0
Sep.20	Rain	12 to 16	94-91	NNE	6 to 13		4.6
Sep.21	Cloudy	14 to 20	71-59	NNE	0 to 4		3.6
Sep.22	Showers	12 to 14	86-73	W	9 to 30		2.8
Sep.23	Sunny	6 to 14	57-47	NW	15 to 41	Trace	
Sep.24	P.Cloudy	8 to 16	68-42	SE	0 to 11		0
Sep.25	Cloudy	9 to 17	75-61	S	0 to 7		1
Sep.26	Showers	10 to 17	75-75	SSE	0 to 11		0.8
Sep.27	Sunny	11 to 23	52-40	W	17 to 22	Trace	
Sep.28	Sunny	11 to 14	65-58	E	11 to 15		0
Sep.29	Sunny	10 to 20	60-54	ESE	0 to 9		0
Sep.30	Sunny	13 to 20	66-58	SE	13 to 20		0
Oct.1	Cloudy	15 to 21	71-61	SSE	20 to 30		0
Oct.2	Sunny	14 to 23	61-40	W	22 to 35		0.6
Oct.3	Cloudy	10 to 13	72-72	E	4 to 13	Trace	
Oct.4	Cloudy	11 to 16	92-88	N	6 to 9		0
Oct.5	Cloudy	13 to 16	80-84	E	26 to 33		0.4
Oct.6	Drizzle	12 to 15	96-95	NNE/S	9 to 11		58.2
Oct.7	Cloudy	12 to 16	72-70	SW	15 to 19		11
Oct.8	Cloudy	10 to 14	69-62	W	26 to 33		0.2
Oct.9	P.Cloudy	10 to 15	69-58	SSE	13 to 17		0
Oct.10	Sunny	12 to 17	69-68	SE		17	0
Oct.11	Sunny	9 to 20	66-50	SW	7 to 19		0



Oct.12	Sunny	9 to 24	55-42	W	9 to 13	0
Oct.13	Sunny	14 to 24	57-39	SSW	13 to 26	0
Oct.14	Drizzle	14 to 17	97-94	S	15 to 16	12.4
Oct.15	P.Cloudy	8 to 11	69-76	W	30 to 33	0.4
Oct.16	Sunny	5 to 12	58-50	WNW	37 to 41	0.4
Oct.17	Sunny	3 to 13	64-51	S	11 to 19	0
Oct.18	P.Cloudy	12 to 20	49-47	W	19 to 22	0
Oct.19	Cloudy	8 to 11	76-78	E	17 to 19	0
Oct.20	P.Cloudy	8 to 20	67-49	SSE	28 to 35	0
Oct.21	Cloudy	9 to 10	78-77	Calm	Calm	21.8
Oct.22	Cloudy	5 to 11	74-65	WSW	22 to 28	0.6
Oct.23	Sunny	6 to 16	59-63	SSE	6 to 11	0
Oct.24	P.Cloudy	9 to 16	67-80	SSW	15 to 36	0.2
Oct.25	Cloudy	8 to 10	67-68	W	15 to 26	Trace
Oct.26	Cloudy	5 to 14	72-55	SW	26 to 27	0
Oct.27	Rain	10 to 12	84-92	ESE	24 to 26	6.8
Oct.28	Cloudy	9 to 12	72-74	WSW	24 to 39	1.6
Oct.29	P.Cloudy	4 to 8	58-57	WNW	22 to 33	0
Oct.30	Cloudy	3 to 9	69-51	WNW	24 to 37	Trace
Oct.31	Showers	4 to 7	77-79	N	6 to 7	Trace
Nov.1	Drizzle	4 to 6	94-92	ENE	15 to 15	6.2
Nov.2	Cloudy	5 to 19	91-68	SW	19 to 26	16
Nov.3	Cloudy	4 to 8	61-54	W	33 to 37	0
Nov.4	Cloudy	0 to 5	63-43	WNW	35 to 54	Trace
Nov.5	P.Cloudy	0 to 5	69-51	WSW	22 to 37	0
Nov.6	Sunny	M1 to 6	60-59	SW	17 to 20	0
Nov.7	Rain	5 to 8	97-90	W	7 to 9	11
Nov.8	P.Cloudy	0 to 3	60-53	NW	33 to 41	Trace
Nov.9	Flurries	M3 to 0	64-64	WNW	4 to 11	Trace
Nov.10						
Nov.11	Rain	7 to 12	95-97	SE	28 to 32	46.6
Nov.12	Cloudy	M2 to 1	57-67	WNW	37 to 41	2.4
Nov.13	Snow	0 to 2	94-94	SE	0 to 7	2cm snow
Nov.14	Rain	1 to 4	94-97	NNW	7 to 11	6.2
Nov.15	Snow	M1 to 0	94-94	NW	19 to 26	12cm snow
Nov.16	Sunny	M1 to 2	80-88	WSW	22 to 24	1cm snow
Nov.17	Sunny	M1 to 4	74-64	SSW	0 to 11	0
Nov.18	Snow	0 to 2	96-97	ESE	11 to 13	2.8
Nov.19	Cloudy	0 to 3	91-86	NW	4 to 11	1cm snow
Nov.20	Cloudy	2 to 6	85-80	SSE	17 to 19	0
Nov.21	Cloudy	3 to 4	75-65	W	20 to 32	Trace
Nov.22	Cloudy	0 to 1	72-64	WNW	22 to 28	Trace
Nov.23	Flurries	0 to 3	86-86	WNW	28 to 45	Trace
Nov.24	Sunny	M6 to 0	69-61	N	0 to 6	Trace
Nov.25	Snow	M2 to 4	80-69	SSW	19 to 24	Trace
Nov.26	Snow	M1 to 4	90-99	ESE	4 to 4	5cm snow
Nov.27	Rain	2 to 3	96-96	E	11 to 30	1.8
Nov.28	Cloudy	M5 to M3	82-74	NNW	19 to 28	Trace
Nov.29	Flurries	M6 to M3	92-93	NNW	6 to 7	Trace
Nov.30	Cloudy	M3 to 3	68-68	S	11 to 15	Trace
Dec.1	Cloudy	M1 to 6	77-80	W	19 to 33	0.2
Dec.2	Sunny	M5 to M1	65-77	NW	17 to 20	0

HAWK SIGHTINGS REPORTED FROM OTHER SOURCES, FALL 1995															
DATE	LOCATION	HRS	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RL	GE	AK
19-Aug	Leslie Street Spit, Toronto														
21-Aug	Purpleville, York RM														
26-Aug	Rattray Marsh, Peel RM														
10-Sep	Hwy 401 W. Thicket's Rd., Whalley														
5-Sep	Lake Wilcox, Oak Ridges, York RM														
14-Sep	Metro Zoo, Scarb.	1	2												
14-Sep	Glen Forest rd., Toronto														
14-Sep	Wilket Creek, North York	1													
17-Sep	Bloor Viaduct, Toronto	2	1	3	2	80	2								
17-Sep	Toronto Islands	4													
23-Sep	Bloor Viaduct, Toronto	2	6	2	1	2	18	3							
26-Sep	Cluny Dr., Rosedale, Toronto	1.5													
27-Sep	Scar Bluffs	4	3	1											
27-Sep	Lakeshore Rd., E. of Sandan Rd., Scarb P.P.														
27-Sep	Kleinburg, York RM	4													
28-Sep	Lakeshore Rd., E. of Sandan Rd., Scarb P.P.	4	5												
28-Sep	Toronto Islands	4	3												
29-Sep	Lakeshore Rd., E. of Sandan Rd., Scarb P.P.	4	3												
30-Sep	Lakeshore Rd., E. of Sandan Rd., Scarb P.P.	3	10												
30-Sep	Over North Oshawa														
30-Sep	Leslie Street spit, Toronto	27	29	7	6	19	364	16	0	1	1327	10	1	0	51
1-Oct	Kortright C.A., York R.M.														
2-Oct	Scar Bluffs	2													
7-Oct	Nature Reserve, T. Islands														
8-Oct	Hwy 401, Dardington P.P., Oshawa														
8-Oct	Scar Bluffs	2													
11-Oct	Thornhill	1	84												
15-Oct	Scar Bluffs	1													
15-Oct	Oshawa Second Marsh														
15-Oct	Corner Marsh, Ajax														
15-Oct	Liverpool Rd., Pickering														
16-Oct	Scar Bluffs	3	3												
16-Oct	Low over central Oshawa														
17-Oct	Scar Bluffs	1.5	4												
18-Oct	Yonge st. & Trayburn, RH														
19-Oct	Scar Bluffs	1.5	14												
19-Oct	Toronto Islands														
22-Oct	Leslie St. Spit, Toronto	3													
25-Oct	Kortright C.A., York R.M.														
29-Oct	Bloor Viaduct, Toronto	3	4												
Total															

OBSERVERS		TOTAL	UR	PG	GY	ML	AK	GE	RL	RT	BW	RS	NG	CH	SS
1 N. Murr / Unbanded / TOC		1													
1 G. Bennett / TOC		1													
1 A. Adamo / TOC		1													
1 R. Nisbet		1													
1 G. Bennett / RHN		1													
618 A. Shamir & E. Koes		618													
97 G. McLauchlan / TOC		97													
282 D. Peuramaki		282													
469 D. Peuramaki		469													
80 R. Smith / TOC		80													
56 D. Peuramaki		56													
1 R. Tasker / TOC		1													
40 Teo Talvi		40													
125 John Miles		125													
1 G. Bennett / TOC		1													
36 John Miles		36													
1 N. Murr & A. Adamo / TOC		1													
10 John Miles		10													
22 John Miles		22													
2 J. Keys / DRFN		2													
1 A. Adamo / TOC		1													
1 L. Price / TOC		1													
8 Teo Talvi		8													
3 B. Yukich / TOC		3													
1 R. Nisbet		1													
20 Teo Talvi, UE: 1		20													
84 Jerry Guild		84													
19 Teo Talvi		19													
4 R. Nisbet / DRFN		4													
1 D. Worthington / TOC		1													
1 B. Yukich / TOC		1													
27 Teo Talvi, NH: all males!		27													
20 D. Ruch / DRFN		20													
11 Teo Talvi, N Shrike - 1		11													
16 N. Murr		16													
5 Teo Talvi, 50 or more BB flying along side RT's		5													
5 N. Murr		5													
5 G. McLauchlan / TOC		5													
2 D. Stuckey / TOC		2													
374 D. Peuramaki		374													







# GREATER TORONTO RAPTOR WATCH

Station: High Park, Toronto  
 Birds on Migration, 1994 & 1995  
 Season: Autumn  
 Source: Murr, Norm, 1994 & 1995 Other birds seen while viewing Fall Hawk migration from the Hill at High Park.

Viewing Period: September 1 to November 30

Compiled by John Barker

Legend \* Rare

Status	Species	1994	1995	Peak Date	Peak #	Comments
*	Red-throated Loon		1	Oct 2/95		Flying south in am.
	Common Loon	36	208	Oct 29/95	60	
	Double-cr. Cormorant	49	59	Sep 18/95	19	
	Great Blue Heron	16	31	Sep 23/95	13	
*	Greater W.-f. Goose		65	Nov 5/95	65	The geese were calling and only 1000' up
	Canada Goose	84	1,540	Sep 14/95	436	
	Am. Black Duck		1	Oct 30/95		
	Mallard	53	158	Nov 12/95	49	
	Northern Shoveler		3			
	Gadwall		5	Oct 26/95		
	Oldsquaw		85	Oct 30/95	85	
	Common Goldeneye		1			
	Common Merganser		22	Nov. 12/95	17	
	Red-br. Merganser		5	Nov. 12/95	5	
*	Sandhill Crane	1	1	Oct 8/95		
	Black-b. Plover		13	Sep. 4/95	13	
	Greater Yellowlegs		1	Sep 22/95		
	Ringed-b. Gull	675	1,428			
	Herring Gull	87	1,393			
	Lesser B-b. Gull		1	Nov 8/95		
	Great B-b. Gull		2			

Rock Dove	83	171	Sep 9/95	14	Common around the hill.
Mourning Dove			1 Nov 24/95		
Great Horned Owl	1	203	Sep 4/95	51	Flew past twice, landed near Restaurant.
Common Nighthawk	164	681	Sep 8/95	142	
Chimney Swift	12	49	Sep 14/95	12	
Ruby-thr. Humming		3			
Belted Kingfisher	3	6			
Yellow-b. Sapsucker	12	36			
Downy Woodpecker		5			
Hairy Woodpecker	55	108	Sep 23/95	11	
Northern Flicker		2			
Pileated Woodpecker	2	1			
Eastern W.-Pewee	1	2			
Eastern Phoebe		3			
Great Cr. Flycatcher		32	Sep 1/95	25	
Eastern Kingbird		48	Nov 8/95	15	
Horned Lark		1			
Purple Martin	6	23	Sep 14/95	8	
Tree Swallow		3			
Bank Swallow	1				
Cliff Swallow	17	50	Sep 4/95	19	
Barn Swallow	1,006	4,765	Sep 23/95	1,047	
Blue Jay	362	1,613	Oct 29/95	289	
American Crow	2				Flying west, Times- 1:40 & 1:58pm
Common Raven	83	128	Oct 30/95	61	There was 55, Flying west
Black-c. Chickadee		37			
Red-b. Nuthatch	3	30	Oct 12/95	4	
White-b. Nuthatch		3			
Brown Creeper	18	10	Oct 26/95	6	
Golden-cr. Kinglet	2	1			
Ruby-cr. Kinglet	7	647	Oct 25/95	273	132, of the Bluebirds landed on the hill with us
Eastern Bluebird		1			
Swainson's Thrush	642	2,771	Oct 29/95	744	
Am. Robin	3	67	Nov 8/95	47	
Am. Pipit					



	212	129 Nov. 7/94	89	
Cedar Waxwing				
Northern Shrike		3		
European Starling				Common around Hawk Hill
Solitary Vireo	1			
Warbling Vireo		1		
Red-eyed Vireo		1		
Tennessee Warbler		1		
Nashville Warbler	2			
Yellow-r. Warbler	317	99 Oct. 10, 1994	300	
Palm Warbler	2	1		
Northern Cardinal	3	3		
Rose-br. Grosbeak		7		
Am. Tree Sparrow	14	11 Nov. 07, 1994	12	
Chipping Sparrow	17	85 Sep 22, 1995	14	
Song Sparrow		1		
Dark-eyed Junco	8	125 Nov. 04, 1995	47	
Snow Bunting	17	17 Nov. 09, 1995	8	
Red-w. Blackbird	1,851	17,872 Oct. 29, 1995	8,126	
Rusty Blackbird	2	23 Oct. 29, 1995	7	
Common Grackle	2,715	3,800 Oct. 29, 1995	2,333	
Brown-h. Cowbird		16 Oct. 16, 1995	5	
Pine Grosbeak		10 Nov. 19, 1995	10	
Purple Finch		57 Oct. 30, 1995	18	
House Finch	115	3,804 Oct. 30, 1995	1,883	
Common Redpoll		35 Nov. 09, 1995	19	
Pine Siskin		55 Oct. 30, 1995	18	
Am. Goldfinch	108	737 Sep. 27, 1995	177	
Evening Grosbeak	1	392 Oct. 29, 1995	148	
House Sparrow				Common on and around the hill.
<b>Total</b>	<b>8871</b>	<b>43810</b>		
	<b>147</b>			