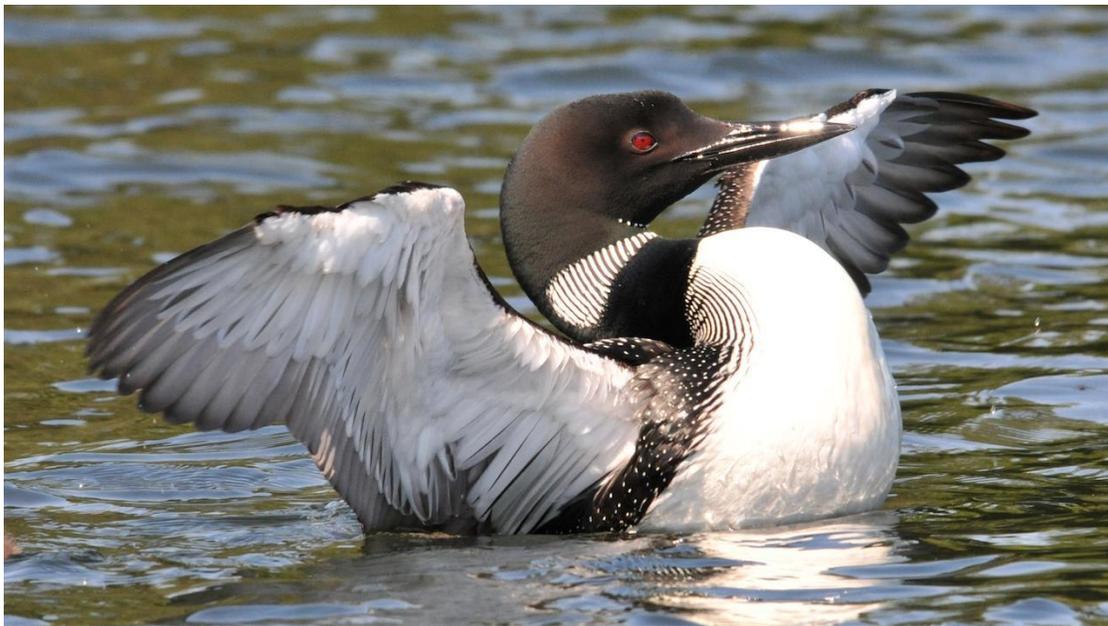


2022 Loon Observations on Jack Lake



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Apsley, Ontario. 4 p + appendices.

Cover photo: Amy Widenhofer, Seney Natural History Association

Introduction

Volunteers have recorded loon observations on Jack Lake for many years as part of the Canada Lakes Loon Survey (see References). Information is collected in two formats. Participants dedicate at least three days to survey the entire lake in June (to see if loon pairs are on territory), July (to see if chicks have hatched) and August (to see if chicks have survived long enough to fledge). Other random sitings throughout the season are used to supplement lakewide surveys and to determine arrival and departure dates.

This report has been prepared to summarize loon observations recorded on Jack Lake in 2022.

2022 Loon Observations

Loons typically arrive in the spring coincident with ice thaw which usually occurs in April. The first reported loon siting in 2022 was on April 10. Ice out on Jack Lake occurred on April 12, 2022 (JLA 2022).

Three lakewide surveys were conducted in 2022 (Table 1).

Table 1. Results of 2022 lakewide loon surveys on Jack Lake.

Survey Date	# of Adult Pairs	# of Young-of-Year	# Single Adults
June 19	4	0	7
July 17	8	7	6
August 21	4	4	11

Based on a consolidation and review of all information documented during the 2022 season, key loon observations have been summarized in Table 2.

Table 2. A summary of key loon observations from Jack Lake in 2022.

Parameter	Observation(s)
Arrival date(s)	Early April
Number of successful nesting pairs	Six
Reproductive success	Seven young-of year
Abandoned nests	None observed
Observed hatching date(s)	Mid-late June
Loon mortality	None observed
Adult flocking (pre migration) dates	September
Juvenile migration dates	Early-mid December

Lake surface area and shoreline configuration often determines the number of loons which can live and breed on a lake (Loon Watch 1994). Jack Lake is a relatively large (1,237.3 ha) and diverse lake which has a complex basin comprised of numerous bays connected to each other by shallow channels. During the 2022 season, parents with young-of-year were observed in six discrete areas of the lake.

Loons are known to sometimes gather into groups during the summer (Canadian Wildlife Service 1994). This activity was observed on three occasions during 2022. On July 24, a group of six adult loons was observed. In mid August, groups of nine and thirteen loons were observed in Robbins Bay and Sheeps Bay, respectively.

Adult loons are the first to migrate in the fall. In 2022, adult loons were not observed on Jack Lake after late September. Juvenile (i.e., young-of-year) loons were observed on the lake until December 1. The lake was frozen by Christmas.

Comparison with Earlier Surveys

Table 3. Loon observations on Jack Lake, 1982-2022.

Year	% of Lake Surveyed	Number of Breeding Pairs	Number of Large Young
1982	55%	5	1
1983	Unknown	8	3
1984	0%	-	-
1985	0%	-	-
1986	25%	5	4
1987	10%	1	1
1988	100%	1	0
1989	80%	2	2
1990	100%	10	0
1991	10%	1	2
1992	100%	1	0
1993	100%	Unknown	3
1994	20%	4	5
1995	40%	4	4
1996	55%	4	3
1997	37%	Unknown	1
1998	15%	Unknown	3
1999	60%	Unknown	5
2000	20%	Unknown	3
2001	25%	2	3
2002	25%	2	3
2003	30%	2	3
2004	0%	-	-
2005	10%	1	Unknown

Table 3 (continued)

Year	% of Lake Surveyed	Number of Breeding Pairs	Number of Large Young
2006	30%	2	Unknown
2007	60%	3	Unknown
2008	40%	3	3
2009	60%	3	1
2010	40%	2	2
2011	40%	4	2
2012	40%	3	3
2013	100%	5	3
2014	100%	3	4
2015	100%	6	4
2016	100%	4	4
2017	100%	4	8
2018	100%	7	6
2019	100%	7	9
2020	100%	5-8	3
2021	100%	6	8
2022	100%	6	7

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References

- Canadian Wildlife Service. 1994. Loons. Hinterland Who's Who. Environment Canada. Ottawa, Ontario.
- Jack Lake Association. 2022. 2022 Ice out results. p. 59 *In* Smoke Signals. Jack Lake Association. Apsley, Ontario.
- Kerr, S. J. 2020. 2020 loon observations on Jack Lake. Jack Lake Association. Apsley, Ontario. 3 p. + appendices.

Kerr, S. J. 2021. 2021 loon observations on Jack lake. Jack Lake Association. Apsley, Ontario. 3 p. + appendices.

Kerr, S. J. and D. Tower-DuBois. 2018. A summary of 2018 loon observations on Jack Lake, Peterborough County. Jack Lake Association. Apsley, Ontario. 3 p. + appendices.

Kerr, S. J. and D. Tower-DuBois. 2019. A summary of 2019 loon observations on Jack Lake, Peterborough, County. Jack Lake Association. Apsley, Ontario. 2 p. + appendices.

Kerr, S. J., D. Tower-DuBois and S. Hysenaj. 2016. A review of observations of common loons (*Gavia immer*) on Jack Lake, 1982-2016. Jack Lake Association. Apsley, Ontario. 11 p. + appendices.

Loon Watch. 1994. All about loons. Sigurd Olson Environmental Institute. Ashland, Wisconsin.

Appendix 1. Loon observations on Jack Lake in 2022.

Date	Time of Day	Location	Observation	Observer(s)	Misc. Comments
April 10	Unknown	Rathbun Bay	Single adult loon	Ruth Davenport	-
April 13	Unknown	Sharpe's Bay	Single adult loon	J. T. Mann	Loon in small open water area (Ice still on much of the lake)
April 15	Unknown	Sharpe's Bay	Single adult loon	Pat Phillips	Photo taken
April 17	Afternoon	Rathbun Bay	Single adult loon	Ruth Davenport	-
April 21	Unknown	Sheeps Bay	Pair of adult loons	Mary Derks	Photo taken.
April 25	Unknown	Rathbun Bay	Pair of adult loons	Ruth Davenport	Photo taken
April 28	Unknown	Robbins Bay	Three adult loons	Doug Moulton	-
May 5	Unknown	Crane Bay	Pair of adult loons	Tracy Ann	Loons have been in the bay for the past several days.
Early May	Unknown	Brooks Bay (northwest end)	Pair of adult loons	Sheelagh Hysenaj	-
May 11	Unknown	Sheeps Bay	One pair of adult loons	Amy Kain	Apparent mating behaviour - Video recording
June 18	Unknown	Rathbun Bay	One pair of adult loons	Steven Kerr	-
June 19	Unknown	Sharpe's Bay	Three adult loons	Pat Phillips	-
June 23	Unknown	Brooks Bay	Pair of adults with one young-of-year	Sheelagh Hysenaj	-
June 25	Unknown	Rathbun Bay	One pair of adult loons	Steven Kerr	-
June 25	Unknown	Brooks Bay	One pair of adult loons	Steven Kerr	-
June 25	Unknown	Sheeps Bay	One single adult loon	Steven Kerr	-
June 28	Unknown	Not reported	Pair of adults with three young-of-year	Mario Loeb McQuaker	Photos taken
June 29	Unknown	Sharpe's Bay (north end)	Pair of adults with two young-of-year	Gayle Nelson	-
June 30	Unknown	Not reported	-	Dawn Tower-Dubois	Photo taken

Date	Time of Day	Location	Observation	Observer(s)	Misc. Comments
July 24	Unknown	Not reported	Six adult loons	Neil Freeman	-
July 25	Unknown	Sharpe's Bay	Pair of adults with one young-of-year	Nicholas Klein	-
July 26	Unknown	East Bay	Pair of adults with two young-of-year	D. Daitken	Photo taken
July 29	Afternoon and Evening	Rathbun Bay	One single adult loon	Steven Kerr	-
July 30	Unknown	Centre Bay	Pair of adult loons	Steven Kerr and Karen Burleigh-Kerr	-
July 30	Afternoon	Centre Bay (south)	One single adult loon	Steven Kerr and Karen Burleigh-Kerr	-
July 31	Unknown	Rathbun Bay	Pair of adult loons	Karen Burleigh-Kerr	-
August 6	Unknown	Long Bay	Pair of adults with two young-of-year	Karen Burleigh-Kerr	-
August 12	Unknown	Rathbun Bay	Pair of adult loons	Steven Kerr	-
August 13	Unknown	Centre Bay	One single adult loon	Steven Kerr and Karen Burleigh-Kerr	-
August 13	Unknown	Sheeps Bay	Thirteen loons together in a flock	Mary Derks	Photos and video taken
August 13	Unknown	Robbins Bay	Nine loons together in a flock	Jean Perun	-
August 13	Unknown	Sheeps Bay	One single adult loon	Steven Kerr and Karen Burleigh-Kerr	-
August 13	Unknown	Rathbun Bay (north shore)	One single adult	Steven Kerr	-
August 14	Afternoon	Williams Bay (southwest)	Pair of adults with two young-of-year	Steven Kerr and Karen Burleigh-Kerr	-
August 14	Unknown	Centre Bay	One single adult loon	Steven Kerr and Karen Burleigh-Kerr	-
August 14	Afternoon	Rathbun Bay	One single adult loon	Steven Kerr and Karen Burleigh-Kerr	-

Date	Time of Day	Location	Observation	Observer(s)	Misc. Comments
August 14	Afternoon	Callahan Bay	One single adult loon	Steven Kerr and Karen Burleigh-Kerr	-
August 21	Unknown	Rathbun Bay	One single adult loon	Steven Kerr	-
August 21	Unknown	Callahan Bay	Pair of adult loons	Steven Kerr	-
August 21	Unknown	Sharpe's Bay	Three single adult loons	Allan Kerr	-
August 21	Unknown	Redmond Bay	Pair of adult loons	Donald Rennie	Photo taken
August 21	Morning	Hatton Bay	No loons observed	Bill Johnston	
August 24	Unknown	Brooks Bay	One adult and one large young-of-year	Steven Kerr	-
August 24	Unknown	Narrows (north end)	One adult	Steven Kerr and Karen Burleigh-Kerr	-
August 24	Unknown	Centre Bay	One adult	Steven Kerr and Karen Burleigh-Kerr	-
August 25	Unknown	Rathbun Bay	One pair of adults	Steven Kerr	Loons were "fishing"
August 25	Unknown	Sharpe's Bay (northeast)	One adult	Steven Kerr	-
September 3	Afternoon	Sheeps Bay	One large young-of-year	Steven Kerr	-
September 3	Afternoon	Sheeps Bay	One adult and one large young-of-year	Steven Kerr	-
September 3	Afternoon	East Bay	One adult and one large young-of-year	Steven Kerr	-
September 10	Afternoon	Sheeps Bay (west end)	One large young-of-year	Steven Kerr and Karen Burleigh-Kerr	-
September 10	Afternoon	Sheeps Bay (north end)	One adult and one large young-of-year	Steven Kerr and Karen Burleigh-Kerr	-
September 10	Afternoon	Rathbun Bay	Two adults and one young-of-year	Steven Kerr and Steve Taylor	Adults were teaching the young how to fish.

Date	Time of Day	Location	Observation	Observer(s)	Misc. Comments
Mid September	Unknown	Winter cut-off	One young-of-year	Kathleen Kestner Haywood	-
Mid September	Unknown	Brooks Bay	Two adults and one young-of-year	Jean Perun	-
Mid September	Unknown	Centre Bay	Two adults and one young-of-year	Jean Perun	-
Mid September	Unknown	Robbins Bay	Two adults and one young-of-year	Jean Perun	-
September 17	Unknown	Sharpe's Bay	One adult	Judy Wagar Kiffer	-
September 18	Unknown	Sharpe's Bay	Two birds which appeared to be mature.	Pat Richards	-
September 19	Unknown	Sheeps Bay (southwest)	Two adults and one young-of-year	Paul Campbell	-
September 22	Unknown	Brooks Bay	One young-of-year	Steve Kerr and Karen Burleigh-Kerr	-
September 23	Morning	Redmond Bay (south)	Two young-of-year	Steve Kerr and Karen Burleigh-Kerr	-
September 23	Morning	Sheeps Bay (east)	One large loon – age unknown	Steve Kerr and Karen Burleigh-Kerr	-
September 23	Afternoon	Rathbun Bay	One large loon – age unknown	Steve Kerr and Karen Burleigh-Kerr	-
October 7	Afternoon	Rathbun Bay	One young-of-year	Steve Kerr and Don Karch	-
October 8	Morning	Brooks Bay	One young-of-year	Steve Kerr	-
October 12	Unknown	Brooks Bay	One young-of-year	Sheelagh Hysenaj	-
October 13	Unknown	Brooks Bay	One young-of-year	Sheelagh Hysenaj	-
October 14	Evening	Rathbun Bay	Two young-of-year	Ruth Davenport	-
October 16	Morning	Unknown	One young-of-year	Pat Phillips	Photo taken
October 22	Afternoon	Callahan Bay	Pair of young-of-year	Terry Walsh	Photos taken
October 30	Unknown	Sharpe's Bay	Pair of young-of-year	J. T. Mann	-
November 4	Unknown	Narrows to Sharpe's Bay	Nine young-of-year	Derek French	-

Date	Time of Day	Location	Observation	Observer(s)	Misc. Comments
November 5	Morning	Brooks Bay (marina)	One young-of-year	Andy Whyte	-
November 5	Afternoon	Sheeps Bay	Pair of young-of-year	Ruth Miller	Loons were "fishing" Photo taken
November 5	Afternoon	Hatton Bay	One young-of-year	Tina Porter	-
November 6	Afternoon	Sharpe's Bay	One young-of-year	Johnson Hamilton	-
November 28	Unknown	Sheeps Bay (southwest)	One young-of-year	Paul Campbell	-
December 1	Unknown	Bowers Bay	One young-of-year	Dave Tabone	-