Table 1 Sumi	nary of Co	mmon l	oon bre	eeding activity in	Verm	ont 20	23										
Table 1. Julii				itorial pairs: 139 Po				Total territorials	naire: 148								
	Chicks hatch			nicks surviving through			ali 5. 5	Total territorials	5 pair 5. 140	1							
				nesting pairs and kn			l territorial	nairs, and 2) loor	n active lake	l							
				3: Adult loons - 348		nesting p		New territorial pa		T							
	Territories list		•		14011	Ticoting p	1	Trow termenar pr	J. 10. 0								
	TOTALONIOU NO.	1110110110	100 27 1001	don't idito.						L							
										es / Mortality / N	Monitor Situa	tions					
		2023	Nest Type (current/		Nest Warning Sign	Chicks hatched	Chicks through		Situation: Resc./ Mort./	Mortality and Rescue				# years	# years nest	total # surviving	mean annual # surviving chicks per
Lake	Town	status	past)	Nest Outcome	Buoys	out	August	Cause	Monitor	Cause	Date	Age	Comments	nested		chicks	territory yrs.
Baker P. (Barton)	Barton	nesting	marsh	Overincubation										19	16	23	1.21
Bald Hill P.	Westmore	nesting	shoreline	Abandoned - no egg(s); Re-nest abandoned - no egg(s)									New nest location NW shoreline	20	11	13	0.50
Bean P.	Sutton	nesting	marsh	Successful		2 Ch	2 Ch						New nest location - site not found.	17	16	18	0.95
								Unknown -									
Beaver P.	Holland	nesting	island	Successful		2 Ch	1 Ch	disappeared early		ļ				40	35	42	0.98
Berlin P North	Berlin	territory	marsh					Holmour						19	17	17	0.68
Bourn P.	Sunderland	nesting	island	Successful		2 Ch	1 Ch	Unknown - disappeared early						22	20	21	0.84
Branch P.	Sunderland	nesting	shoreline	Overincubation; Re- nest flooded										6	5	6	0.86
Brownington P.	Brownington	nesting	raft	Abandoned-egg(s)	signs									18	7	9	0.36
Bruce P. / Clark	Brownington	neoung	Tait	/ Ibandoned egg(s)	Signs									10	- '	3	0.50
P.	Sheffield	territory	marsh											11	1	1	0.06
Buck L.	Woodbury	territory	marsh	Flooded										15	8	8	0.31
Caspian L NW	Greensboro	nesting	raft	Successful	signs	2 Ch	2 Ch							9	6	10	0.59
Center P.	Newark	territory	raft											6	1	1	0.10
Chandler P.	Wheelock	nesting	raft	Successful		2 Ch	2 Ch							16	13	14	0.78
Chittendon Res East	Chittenden	nesting	raft	Successful	signs	2 Ch	1 Ch	Trauma - attack by other loon	Mortality	Predation	9/2/2023	Ad	SYZZOZS MONTAINY: ADUIT FROM THE territory observed dead at shoreline. Bald Eagle scavenged the carcasss. On 9/1 adult observed resting in same area, thus will list this a BAEA mortality. Not collected. Adult was banded in July 2023.	19	16	19	1.00
Chittendon Res																	
NE	Chittenden	territory	raft		signs									7	6	10	1.11
Clyde Res.	Newport	nesting	marsh	Successful		1 Ch	1 Ch							4	2	2	0.33
Clyde River - Buck Flats	Charleston	territory	marsh											2	2	2	0.67
Coits P.	Cabot	nesting	marsh	Abandoned - egg(s)									Pair re-formed. First nest since 2016.	4	3	2	0.40
COILS F.	Cabbl	potential	marsn	Abaridoried - egg(S)					-	 			Potential pair activity into July, then	4	3		0.40
Colchester	Colchester	territory			<u></u>	<u> </u>	<u></u>		<u> </u>	<u> </u>		<u></u>	more intermittent activity.		<u></u>		
Cole P.				0()				Predation - bald eagle; 2nd chick						_		_	
(Jamaica) Coles P.	Jamaica	nesting	island	Successful Successful		2 Ch	0 Ch	unknown Predation likely		 			Chick likely taken by BAEA	2	2 21	0	0.00
Coles P.	Walden	nesung	marsh	Successiui	signs	1 Ch	0 Ch	Predation likely					6/29 2 chicks. Parents left W/ TC and	24	21	28	0.97
													2nd chick had fallen behind the nest and not able to get out. Volunteers took 2nd chick to south end of lake and left it near the parent loons. It				
Curtis P.	Calais	nesting	marsh	Successful	signs	2 Ch	2 Ch		Rescue	Abandoned	6/2?/2023	Ch	was accepted.	8	6	8	0.50
Daniels /Daniels West P.	Glover	nesting	marsh	Successful		1 Ch	0 Ch	Unknown - disappeared early.					1/22 Adults usually call chick from Daniels P. to have it do a 1/3 mile overland journey. The chick did not survive. In the past, the chick(s) make it across 2 of 4 attempts in past decade.	g	7	5	0.33
Derby P.	Derby	nesting	raft	Successful		2 Ch	2 Ch	carry.		 			uecaue.	12	7	9	0.53
,	,				-1	∠ Un	∠ Un	-		-		 	 		1		
Dog P.	Woodbury	nesting	raft	Overincubation	signs	1			1					6	1	2	0.22

			Nest		Nest		I		Situation:	1	ĺ	I					mean annual #
l		2023	Type (current/		Warning Sign	Chicks hatched		Chick Mortality	Resc./ Mort./	Mortality and Rescue	_	_		# years	# years nest	total # surviving	surviving chicks per
Lake	Town	status	past)	Nest Outcome	Buoys	out	August	Cause	Monitor	Cause	Date	Age	Comments	nested		chicks	territory yrs.
Dunmore L.	Leicester/ Sali	nesting	island	Successful	signs	2 Ch	2 Ch							17	12	15	0.88
East Long P. Echo L South	Woodbury	nesting	island	Successful		2 Ch	2 Ch							42	34	41	0.87
(Charleston)	Charleston	nesting	raft	Successful	signs	1 Ch	1 Ch							13	8	9	0.47
(Charleston)	Chaneston	ncoung	rait	Successful; 2nd egg	Signs	1 011	1 011							15	-	- 3	0.47
Eden L.	Eden	nesting	marsh	in nest	signs	1 Ch	1 Ch							19	14	19	0.83
Elligo L.	Greensboro	territory	island											21	18	22	1.00
Elmore L.	Elmore	territory	raft		signs									10	5	7	0.39
Ewell P.	Peacham	nesting	marsh	Flooded										15	12	14	0.58
								Unknown -									
Fairfield P.	Fairfield	nesting	raft	Successful	signs	2 Ch	1 Ch	disappeared early.						8	3	4	0.33
Fairlee L.	Fairlee	territory	raft	Ouccessiui	signs	2 011	1 011	carry.						7	6	7	0.64
Tallico L.	rainee	territory	Tail		Signs			Unknown -						,		,	0.04
Flagg P.	Wheelock	nesting	island	Succesful		1 Ch	0 Ch	disappeared early						10	8	8	0.57
Forest L.	Averill	nesting	marsh	Succesful		1 Ch	1 Ch						New nest site - location not found.	30	27	33	1.03
								Unknown -					Egg membrane found in nest; no				
Fosters P.	Peacham	nesting	raft	Successful		1 Ch	0 Ch	disappeared early					chick observed but hatch likely.	21	21	29	1.38
Glen P.	Castleton	territory	shoreline											1			
Great Averill L North	A	nonting	4	Successful		4.04	4.01							20	40	40	0.58
Great Averill L	Averill	nesting	raft	Successiui		1 Ch	1 Ch							28	16	18	0.58
SW inlet	Averill	nesting	raft	Successful	signs	2 Ch	2 Ch							13	9	10	0.56
Great Hosmer P.	,		ruit		oigilio	2 0	2 0								Ů		0.00
North	Albany/ Crafts	territory	shoreline											4	1	1	0.13
O				Abandoned (no													
Great Hosmer P South				eggs); Re-nest										40	40	40	0.75
South	Albany/ Crafts	nesting	marsh	flooded Abandoned - no										13	10	12	0.75
Green River Res.				egg(s); Re-nest													
- Access Bay	Hyde Park	nesting	island	successful	signs	2 Ch	2 Ch							16	13	18	1.06
Green River Res.				Abandoned - no													
	Hyde Park	nesting	island	egg(s)	signs									8	2	2	0.15
Green River Res.	l																
- NW	Hyde Park	nesting	island	Successful	signs	2 Ch	1 Ch	Unknown						45	33	47	1.02
Green River Res South	Hyde Park	nesting	island	Flooded	signs								Flooded in mid-June rains (not July storm)	6	3	3	0.30
Greenwood L.	Woodbury	nesting	raft	Successful	signs	1 Ch	1 Ch						Storm)	13	10	7	0.35
Groton L North	Groton	nesting	raft	Successful	Signs	1 Ch	1 Ch							13	10	14	0.82
Groton L South	Groton	nesting	raft	Successful	signs	2 Ch	1 Ch	Unknown						18	14	17	0.68
Croton E. Couli	GIOLOII	neoung	rait	Guccessiai	Signs	2 011	1 011	Oniciowii					Observed dead 5/30. Resident went	10	14	- 17	0.00
													out w/ game warden later in the day				
													and they could not find the body.				
Halls L.	Newbury	territory							Mortaltiy	Unknown	5/30/2023	Ad	Active BAEA nest above location where loon found.				
Hardwick L.	Hardwick	nesting	raft	Successful		1 Ch	1 Ch		viortality	OTHER DAVID	3/30/2023	Au		20	18	22	0.96
	··aramick		·un			1 011	. 011			1		 	2nd egg found floating in the water -	-20	.0		0.00
													collected. Chick not observed for				
Hardwood P.	Cl	nonting		Successful. 2nd egg		4.05	4.01						several weeks in July (weekly visits)	45	40	40	0.70
naidwood P.	Elmore	nesting	island	collected.		1 Ch	1 Ch			-			but then seen again.	15	13	16	0.70
													building/nest on island 2/3's up, but				
													not confirmed. If nested, it flooded in				
													mid-June rains. Busy island used by				
													people. 7/31/2023 Boater reported dead loon at south end on island.				
		potential											Decomposing. Not collected. Report				
Harriman Res.	Wilmington	territory							Mortality	Unknown	7/31/2023	Ad	as unconfirmed mortality.				

Nest Type (current/ past)	Type 3 (current		Nest Warning Sign	Chicks	Chicks		Resc./	Mortality and					# years	total #	
			Cian										# years	total#	surviving
past)			Sign	hatched	through	Chick Mortality	Mort./	Rescue				# years	nest	surviving	chicks per
	tus past)	Nest Outcome	Buoys	out	August	Cause	Monitor	Cause	Date	Age	Comments	nested	success	chicks	territory yrs.
1											the north territory nest site at stream				
											outlet. After a day or two, it was not				
											seen. 7/1 Bird seen NE part of lake				
											swimming in shallows w/ head down.				
											Not diving. Weak. Died in next 24				
morob	ting march	Flooded	oiano				Mortality	Asperaillosis	6/49/2022	٨٨		15	0		0.44
marsn	marsn	1 looded	signs				Wiortanty	Aspergillosis	6/18/2023	Ad		15	9	8	0.44
											to BRI and holding pen in large lake				
											in western Mass. 8/25 Loon suddenly				
											died after doing well. Pneumonia was				
											likely cause of death, and probably				
											started after anesthesia and lavage				
raft	ting raft	Successful		2 Ch	0 Ch	gear - lead	Mortality	lead	7/28/2023	Ch	lead poisoning, which was the	4	2	2	0.40
											7/24 2Ad north, 1 behaving very				
raft	ting raft	Abandoned - egg(s)	signs				Monitor	Lethargic	7/24/2023	Ad	lethargic near island	9	3	3	0.17
island	itory island											25	18	22	0.50
raft	ting raft	Successful	sians	2 Ch	2 Ch							2	1	2	0.40
island	ting island	Successful		1 Ch	1 Ch							1	1	1	1.00
raft	ting raft	Successful	signs	2 Ch	2 Ch							8	5	9	1.13
island	itory island											22	15	18	0.69
shoreline	itory shoreline											13	7	8	0.32
shoreline	ting shoreline			2 Ch	1 Ch	Sibling rivalry						14	9	6	0.40
_			signs											26	0.87
marsh	ting marsh	Abandoned									Nest huilding observed: no nest	2	1	1	0.50
marsh	itory marsh										confirmed.	18	11	10	0.53
	itory ting ting ting itory	island raft island raft island shoreline	raft Successful raft Abandoned - egg(s) island raft Successful island Successful island Successful island shoreline shoreline shoreline Abandoned - no egg(s)	raft Successful raft Abandoned - egg(s) signs island raft Successful signs island Successful signs island Successful signs island Successful signs island shoreline shoreline Successful Abandoned - no raft egg(s) signs	raft Successful 2 Ch raft Abandoned - egg(s) signs island raft Successful signs 2 Ch island Successful 1 Ch raft Successful signs 2 Ch island Successful signs 2 Ch island shoreline shoreline Successful 2 Ch Abandoned - no egg(s) signs	raft Successful 2 Ch 0 Ch raft Abandoned - egg(s) signs island raft Successful signs 2 Ch 2 Ch island Successful signs 2 Ch 1 Ch raft Successful signs 2 Ch 2 Ch island Successful signs 2 Ch 1 Ch sisland Successful signs 2 Ch 2 Ch island shoreline shoreline Successful signs 2 Ch 1 Ch raft egg(s) signs	raft Successful 2 Ch 0 Ch gear - lead raft Abandoned - egg(s) signs island raft Successful signs 2 Ch 2 Ch island Successful signs 2 Ch 1 Ch island shoreline shoreline shoreline Successful signs 2 Ch 1 Ch Sibling rivalry Abandoned - no egg(s) signs	raft Successful 2 Ch 0 Ch gear - lead Mortality raft Abandoned - egg(s) signs Monitor island raft Successful signs 2 Ch 2 Ch island Successful signs 2 Ch 1 Ch island Successful signs 2 Ch 2 Ch island Successful signs 2 Ch 2 Ch island Successful signs 2 Ch 3 Ch island Successful signs 2 Ch 5 Ch island Shoreline Successful 2 Ch 5 Ch island Shoreline Successful 2 Ch 5 Ch island Shoreline Successful 2 Ch 5 Ch	raft Successful 2 Ch 0 Ch gear - lead Mortality lead raft Abandoned - egg(s) signs Monitor Lethargic island raft Successful signs 2 Ch 2 Ch I Ch	raft Successful 2 Ch 0 Ch gear - lead Mortality Fishing gear - lea	raft Successful 2 Ch 0 Ch gear - lead Mortality Fishing gear - lead 7/28/2023 Ch raft Abandoned - egg(s) signs Monitor Lethargic 7/24/2023 Ad island raft Successful signs 2 Ch 2 Ch island Successful 1 Ch 1 Ch 1 Ch 1 Ch 1 Ch 1 Successful signs 2 Ch 2 Ch 1 Shoreline Successful Shoreline Successful signs 3 Ch 1 Ch Sibling rivalry Abandoned - no raft egg(s) signs	at north, and brought to VINS. The chick had not been seen near parents for 4.5 days. They might be defending territory from intruder. Lead levels increased drastically over 3 days, and x-ray revealed lead object in gizzard. VINS transferred bird to Center for Wildlife, Lavage treatment conducted twice before successfully removing lead sinker. Chelation started. Chick appeared to be recovering well. P4 transferred to BRI and holding pen in large lake in western Mass. 8/25 Loon suddenly died after doing well. Pneumonia was likely cause of death, and probably started after anesthesia and lavage treatments. The bird was also stressed and compromised from the lead poisoning, which was the P3 from the lead stressed and compromised from the lead stressed	Tay223. Adult. Asperglilosis. Although death is attributed to fungal respiratory disease, this is typically a secondary infection, and a primary process is not evident. There was no evidence of fighing wounds or other trauma. Loss of condition is consistent with moderate chronicity. 3 d. 4kg male. Not part of north pair. Lat results pending. 15 at north, and brought to VINS. The chick had not been seen near parents for 4-5 days. They might be defending terminary from the de	Time Flooded Signa Mortality Aspergillosis Minough death is attributed to fungal respiratory disease, this is typically a secondary rifection, and a priminary process is not evident. There was no evidence of lighting wounds or other trauma. Loss of condition is consistent with moderate chronicity. 3.4 kg male. Not part of north pair. Lab results pending. 15 9 at north, and brought to VINS. The chick had not been seen near parents for 4-5 days. They might be deflerably gently from intuder. Lead levels increased drastically over 3 days, and -ray revealed lead object in gizzard. VINS transferred by the control of the chick had not been seen near parents for 4-5 days. They might be deflerably gently from intuder. Lead levels increased drastically over 3 days, and -ray revealed lead object in gizzard. VINS transferred to be recovering well. 8/14 transferred to	T7/2/23 Adult. Aspergillosis Although death is attributed to fungal respiratory disease, this is bypically a socionally infection of the many process is not evident. There was no exceeding infection, and a primary process is not evident. There was no evidence of lighting wounds or other trauma. Loss of conditions in the conditions of the many process is not evident. There was no evidence of lighting wounds or other trauma. Loss of conditions in the conditions of the many process is not evident. There was no evidence of lighting wounds or other trauma. Loss of conditions in the conditions of the co

	I		Nest		Nest			1	Situation:						1		mean annual #
			Туре		Warning	Chicks	Chicks		Resc./	Mortality and					# years	total #	surviving
		2023	(current/		Sign	hatched	through	Chick Mortality	Mort./	Rescue				# years	nest	surviving	chicks per
Lake	Town	status	past)	Nest Outcome	Buoys	out	August	Cause	Monitor	Cause	Date	Age	Comments	nested	success	chicks	territory yrs.
													Second loon found dead. Both sent				
													to UNH VDL for necropsy. Necropsy				
													reports of two adults: NHVDL 23-				
													8469 Kent P. 9/3/23. Adult. 5.98 kg				
													male. Unknown cause. Good				
													nutritional health suggest				
													acute/sudden cause. Healed				
													puncture wound on left side of				
													sternum. Some necrotic debris and exuded protein. Lab results pending.				
													NHVDL 23-8465 Kent P. 9/24/23.				
													Adult. 5.59 kg female. Fishing gear –				
													fishhook. 2 cm hook fragment in the				
													liver and 3.5 cm hook fragment				
													attached to serosal (internal				
													membrane) surfaces. Puncture				
													wound in the ventriculus (gizzard).				
										Unknown;			Poor body condition. Immature				
									Mortality;	Fishing gear -			reproductive tract indicates this was				
Kent P.	1200	nesting		Successful		0.01	0.01	Unknown	mortality; monitor	fishhook; iced- in	10000 0104101		not one of the breeding birds on the territory. 12/5 Loon surrounded by			40	0.07
	Killington		island		signs	2 Ch	0 Ch	UTIKHOWH	monitor	III	/2023; 9/24/20	Ad; Ad	territory. 12/5 Loon surrounded by	14	11	13	0.87
Kettle P.	Groton/ Marsh	nesting	raft	Successful	signs	1 Ch	1 Ch						Nest building observed; no nest	32	21	29	0.76
Knapp Brook P.	Reading	territory	island										confirmed.	3	2	2	0.25
Lewis P.	Lewis	territory	shoreline											3	2	3	0.60
Little Averill L	LOWIS		SHOPOINTO											Ŭ		Ŭ	0.00
North	Averill	nesting	raft	Abandoned - egg(s)									Egg found underwater 30 feet away.	11	8	7	0.44
				00()									Geese used raft as perch in May and				-
Little Averill L													early June, before we cleaned up the				
West	Averill	nesting	raft	Overincubation	signs								raft and loons used it. First nest on big island; eggsnells	32	19	26	0.57
													found in middle of island. Re-nest on				
													little island to the north for first time in				
								Predation - bald					a decade. Extra loons consistent				
				Depredation -				eagle; Trauma -					after hatch. Bald Eagle also present				
				mammalian; Re-nest				attack by other					at time first chick disappeared.				
Little Hosmer P.	Craftsbury	nesting	island	successful		2 Ch	0 Ch	loon					Second chick disappeared within a	22	12	9	0.33
				Abandoned - no									First nest ever-recorded. Pair likely uses Big Salem Lake which is				
Little Salem P.	Derby	nesting	marsh	egg(s)									connected by a channel.	1	0		
Long P. (Eden)	Eden	nesting	marsh	Successful		1 Ch	1 Ch							12	6	8	0.67
Long P.	Eden	ootg	maron	Cuccocorui		1 011	1 011								-	·	0.07
(Greensboro)	Greensboro	territory	marsh											5	4	6	0.46
Long P.		,															
(Sheffield)	Sheffield	territory	shoreline											2	2	1	0.25
Long P.				Abandoned - no													
(Westmore)	Westmore	nesting	island	egg(s)	signs									25	17	22	0.79
													NHVDL 23-8466 LOWEII L. 7/15/23. Chick. Unknown cause. Lowell L. the				
													body was in poor postmortem				
													condition. The head, neck, thoracic				
l													vertebrae, and all viscera were		1		
l													missing. No lesions were evident in		1		
Lowell L.	Londonderry	nesting	island	Successful	signs	2 Ch	1 Ch	Unknown					remaining tissues.	5	4	1	0.20
		Ī											5/7 bird found scavenged and	1	1	1	
l													decomposing. Radiograhs reveal gunshot as cause of mortality. VFWD		1		
Lower Symes P.	Ryegate	nesting	marsh	Successful		2 Ch	2 Ch		Mortality	Gunshot	5/7/2023	Ad	investigating.	19	17	23	1.00
Cylliod 1 .	· · yogulo		muron			2 011	2 011	L	ortanty	34000	0/1/2020	, \u		10	,		1.00

		2023	Nest Type		Nest Warning	Chicks	Chicks	01:01 14:04:01:	Situation: Resc./	Mortality and					# years	total #	mean annual #
Lake	Town	status	(current/ past)	Nest Outcome	Sign Buoys	hatched out	through August	Chick Mortality	Mort./ Monitor	Rescue Cause	Date	Age	Comments	# years nested	nest success	surviving chicks	chicks per territory yrs.
Lake	Town	status	past)		Buoys	out	August	Cause	Monitor	Cause	Date	Age	back of head. Wing-rowed off from shore. Yodeled 4-5 times over 10 minutes. Possible territorial fight? 2nd Ad in separate area. 6/12 nest predation. 6/15 male died and collected. TV230071 – Lyford Pond, Walden, VT AD, M, thin, but not in bad body condition. There was major damage to the muscles at the back of the head (occipital area) and dorsal aspect of upper neck. The bleeding was not fresh, and it was estimated that the injury had taken place at least a week prior to death. Cause:	nested	success	CHICKS	territory yrs.
Lyford P.	Walden	nesting	marsh	Abandoned - no egg(s)					Mortality	Unknown	6/16/2023	Ad	likely loon fight or predator attack (eagle?), injured, and died a week	14	11	13	0.93
Maidstone L	TT GIGGIT	, J	maron	- 33(+)					, ,		G/ 1 G/ 2 G2 G	, .u	(3 -), 1 ,				0.00
North	Maidstone	territory	marsh											12	8	5	0.26
Maidstone L				P. C. L													
SE Maidstone L	Maidstone	nesting	island	Loon disturbance				Trauma - attack						12	6	8	0.47
SW	Maidstone	nesting	island	Successful	signs	1 Ch	0 Ch	by other loon						41	37	41	0.89
Martins P.	Peacham	nesting	raft	Successful	signs	2 Ch	1 Ch	Dead in nest						27	25	36	1.24
Мау Р.	Barton	nesting	marsh	Flooded	signs									25	20	28	0.76
		potential			-								Not suveyed in 2023. Trying to find				
McConnell P.	Brighton	territory	marsh										access. First nest in this region since 2010	16	12	16	0.50
Memphremagog L Islands	Derby	nesting	island	Abandoned - no egg(s)									near the Johns River and Bell Island in 2004.	1	0		ı
	,	, J		Abandoned - no													
Matack D				egg(s); Re-nest													
Metcalf P. Miles P island	Fletcher	nesting	island	successful Successful	signs	1 Ch	1 Ch 1 Ch							11 28	6 22	8 27	0.67
IVIIIes F Islanu	Concord	nesting	island	Successiui	signs	1 Ch	1 Ch						First nest ever-recorded. Two pairs	28	22	21	0.69
Miles P West	Concord	nesting	marsh	Disturbance - other									now occupy Miles P.	1	0		Ī
Miller P.	Strafford	nesting	marah	Abandoned - no	oiano									9	7	7	0.70
Willer F.	Stranord	nesting	marsh	egg(s)	signs								9/30/23 report of adult and older chick. Checked ebird and found	9	/	7	0.70
													record in august of adult and chick.				•
Minards Res.	Rockingham	nesting	marsh	Successful		1 Ch	1 Ch						First time nest. Site unknown.	1	1	1	1.00
Molly's Falls Res. - Island	Cabot	nesting	raft	Successful; 2nd egg in nest		1 Ch	1 Ch							10	9	15	1.25
Molly's Falls Res.	0.1.1			0		0.00	0.6:	Unknown;					and Dall St. Land			0.7	0.00
- North	Cabot	nesting	raft	Successful	signs	2 Ch	0 Ch	Unknown					extra loons and Bald Eagles present Not surveyed well in 2023.	29	27	36	0.95
Mollys P.	Cabot	territory	marsh							 			Not surveyed well in 2023. First successful nest ever-recorded	3	3	4	0.50
Morey L.	Fairlee	nesting	raft	Successful	signs	1 Ch	1 Ch						in 2nd year of nesting.	2	1	1	0.13
Neal P.	Lunenberg	territory	marsh										Nest searching observed in May.	3	0		0.00
Nelson P.	Calais	potential territory											Potential pair present.	1	0		0.00
Newark P.	Newark	nesting	island	Successful	signs	2 Ch	0 Ch	Unknown - disappeared early; Unknown	Mortality	Trauma - boat	6/8/2023	Ad	barnee maie from 1998 found dead 6/8/23. Blunt trauma to right side - boat hit. Sinker in gizzard but not lead. Likley one of breeding birds but female remated right away and nested. Loons built up nest during 7/10 flood event succesfully. Lost chick.	33	25	34	0.83
Nichols P.	Woodbury	nesting	raft	Overincubation	signs	∠ Un	u Cn	carry, Orikilowii	ivioriality	· ···t	0/0/2023	Ad	ornor.	23	25	22	0.83
Ninevah L.	Mount Holly	nesting	island	Successful	signs signs	2 Ch	1 Ch	Unknown						23	27	37	1.28
No. 10 P. (Mirror	IVIOUITE I IOIIY	oo.iiig	isiailu		aigilia	2 011	1 011							23		31	1.20
L.)	Calais	nesting	raft	Successful	signs	1 Ch	1 Ch							16	14	17	0.68

		ı	Nest	I	Nest	1	ſ	ı	Situation:	ı	1	1	ı	ı			mean annual #
Laka		2023	Type (current/	Next Outcome	Warning Sign	Chicks hatched	Chicks	Chick Mortality	Resc./ Mort./	Mortality and Rescue	D-4-		0	# years	# years nest	total #	surviving chicks per
Lake Norton P	Town	status	past)	Nest Outcome Abandoned - no	Buoys	out	August	Cause	Monitor	Cause	Date	Age	Comments	nestea	success	chicks	territory yrs.
Crescent Isl.	Norton	nesting	island	egg(s)										2	1	1	0.33
Norton P Island		nesting	raft	Successful	signs	1 Ch	1 Ch							42	35	45	0.98
	Norton	nesting	raft	Successful-2egg in water	signs	1 Ch	1 Ch							15	8	12	0.75
	Norton	nesting	raft	Successful	Signs	1 Ch	1 Ch							23	20	23	0.88
	Groton	potential	ran			1 011	1 011							1	0	20	0.00
,	Peacham	territory	island										Pair present.	14	8	10	0.00
Osinore i .	reacham	territory	ISIANU	Abandoned - no									r all present.	14	0	10	0.42
Parker L.	Glover	nesting	marsh	egg(s)	signs									4	1	0	0.00
Peacham P NE	NE	nesting	island	Successful	signs	1 Ch	1 Ch							8	3	4	0.24
Peacham P													Chick likely taken by BAEA; Breeding adult found dead. Banded in 2020 Lake Colby, NY after being found on roadway. Awaiting necropsy. The band number is 111816222. Left leg: yellow over white, Right leg: silver				
North	North	nesting	island	Successful	signs	2 Ch	1 Ch	Predation likely	Mortality	Unknown	9/15/2023	Ad	over red (white dot).	44	35	39	0.85
Peacham P SW	SW	nesting	marsh	Depredation - mammalian	signs									29	19	23	0.59
	SE	nesting	marsh	Successful	signs	1 Ch	0 Ch	Unknown						1	1	0	0.00
				Successful. 2nd egg in nest										46	- 44		
Pensioner P. Pigeon P.	Charleston Groton	nesting	raft raft	Successful	signs	1 Ch 2 Ch	1 Ch 2 Ch							16 9	14 7	16 11	0.84
Rescue L.	Ludlow	nesting	island	Successful	signs	1 Ch	0 Ch	Infection	Rescue; Mortality	Fishing gear - monofilament; Infection	1/2023; 7/16/2	Ad; Ch	removed from breeding adult. Bird banded. Mortality: 7/16/23 Chick died 4-5 days after major flooding and water turned to pea soup. Collected carcass. Possible infection in gastrointestinal tract. NHVDL 23-8467 L. Rescue 7/17/23. Chick. 1.61 kg. Infection and weakening due to lack of food. Speculatively, irritation of the gastrointestinal tract might be a result of limited feeding or irritation induced by ingestion of stormwater sediment. Over 8-9 inches of rain fell on 7/10 causing lake water to become opaque and full of sediments. Adult loons left the lake with brief returns. Age about 4		1	0	0.00
Seymour L Winape	Groton Morgan	nesting territory	raft raft	Successful	signs signs	1 Ch	1 Ch		Rescue	Other	8/16/2023	Ch	that went over the dam. Put it back on Ricker P. On 8/21 rescued chick again. Weak. Parent loons ignoring chick. Brought to vins. Health seems o.k. except not waterproof. As of 8/28 feathers improving. Transferred to Biodiversity Research Institute holding pens on 9/12 to Buckley-Dunton Lake, Becket, MA. Fledged by 9/28.	21	18	16	0.70
Shadow L				Extra loops for sure									Dair propert Entre Inner form				
(Concord) Shadow L.	Concord	territory	marsh	Extra loons frequent.									Pair present. Extra loons frequent.	13	7	9	0.53
	Glover	potential territory											Potential pair present. Report of pair copulating.				

		1	Nest		Nest	1			Situation:				1	1			mean annual #
Lake	Town	2023 status	Type (current/ past)	Nest Outcome	Warning Sign Buoys	Chicks hatched out	Chicks through August	Chick Mortality	Resc./ Mort./ Monitor	Mortality and Rescue Cause	Date	Age	Comments	# years	# years nest success	total # surviving chicks	surviving chicks per territory yrs.
Edito	Town	Status	puoty	nest outcome	Buoys	out	August	oduse	monitor	oduse	Date	Age	dead loon found. NHVDL 23-8470 Sherman Res. 9/22/23. Adult. Unknown cause. Poor to moderate nutritional condition. Testes inactive. Right lung was diffusely red and heavy. No sign of trauma. 5.24 kg.	nesteu	5466655	CHICKS	territory yra.
Sherman P.		nesting	island	Human disturbance	signs				Mortality	Unknown	9/22/2023	Ad	Lab results pending.	1	0		
Silver L. (Leicester)	Leicester	nesting	raft	Successful		2 Ch	2 Ch							9	9	14	1.40
Somerset Res (NE) Streeter Isl.	Somerset	nesting	island	Successful	signs	1 Ch	1 Ch							4	2	2	0.50
	Somerset	nesting	island	Overincubation	signs									41	27	34	0.76
Somerset Res Narrows	Somerset	nesting	island	Successful	signs	1 Ch	1 Ch							9	5	4	0.29
Somerset Res North Isl.	Somerset	nesting	island	Successful	signs	2 Ch	2 Ch							16	11	15	0.68
South P. (Eden)	Eden	nesting	island	Successful	signs	2 Ch	2 Ch							25	19	27	0.93
South P. (Marlboro)	Marlboro	nesting	marsh	Successful	signs	1 Ch	1 Ch							9	9	13	1.18
Spectacle P.	Brighton	nesting	raft	Successful	signs	2 Ch	1 Ch	Unknown						28	26	29	0.78
Spring L.	Shrewsbury	nesting	raft	Successful	signs	2 Ch	2 Ch							21	16	24	1.09
St. Catherine L.	Poultney	potential territory											5/25 Volunteer observed nest building in channel to Little Pond on a lily pad mat. No nest confirmed.				
Stiles Res.	Waterford	territory	marsh										Pair present	15	9	13	0.54
													Late report of shoreline nest. Observed in June. Failed nest. Reservoir filled w/ water for 1st time				
Sugar Hill Res. Sunset L.	Goshen	nesting	shoreline	Abandoned									in 3 years.	5	4	5	0.71
(Marlboro) Thurman Dix	Marlboro	nesting	island	Flooded	signs								Brief period where one adult loon	11	7	6	0.50
Res.	Orange	territory	island										observed but nesting not confirmed.	42	33	38	0.88
Ticklenaked	Ryegate	territory	marsh										Pair present.	6	4	2	0.22
Turtle P. Wallingford P.	Holland Wallingford	territory territory	marsh marsh											4 22	2 17	1 29	0.20 1.21
Wantastiquet P.	Weston	nesting	island	Abandoned - no egg(s)										15	11	16	1.07
		potential															
Warden P. Waterbury Res	Barnet	territory	shoreline											1	0		0.00
Cotten Brook	Moscow	nesting	island	Flooded	signs								July - banded both chicks and	5	1	1	0.09
West Hill P.	Cabot	nesting	marsh	Successful		2 Ch	2 Ch						obtained blood and feather samples.	2	2	2	1.00
West Mountain P.	Maidstone	territory	island	Pair present.										18	11	7	0.27
Wolcott P.	Wolcott	potential territory	marsh	Potential pair present.										28	24	25	0.71
Woodbury L. (Sabin)	Woodbury	nesting	raft	Successful	signs	2 Ch	1 Ch	Unknown						16	16	20	0.95
Woodward Res.	Plymouth	nesting	shoreline	Successful;2nd egg in nest	signs	1 Ch	0 Ch	Predation - bald eagle	Mortality	Unknown	5/14/2023	Ad	5/14/2024 Adult loon found dead in water. Brought to VINS.	17	12	14	0.74
	Hyde Park	nesting	island	Successful	signs	2 Ch	2 Ch	3 -		1	52020	. 10		27	24	37	1.28
Loon Active Lal	,				3 -								7/5 Rescue: loon that crash-landed at				-
Amherst L.	Plymouth	loon active											Rutland airport released on Amherst L.				

Barre - town Barre Beebe P. (Hubbarton) Hubbard Beecher P. Brighton Berlin PSouth Berlin Bomoseen L. Castleto Burr P. Sudbury Carmi L. Franklin Cedar L. Monkton Champlain (Isle La Motte) Isle La M Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Chittende Clark P./ Bruce multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Leiceste	loon active loon active loon active loon active loon active (2 loons) loon active (2 loons) loon active (2 loons) loon active loon active (2 loons)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3					Mortality Monitor Mortality	Infection Beaching Unknown	7/4/2023 8/19/2023	Ad	washington county mental health building on south main st in Barre. Bird died at VINS 1-2 days later. Sent to UNHDVL - Infection (bacterial): 23-483 Primary findings were renal/visceral gout and acute bronchopneumonia/tracheitis. The pathologist suspected but did not see bacteria and suggested culture of lung tissue. 8/19/23 Loon beached for several hours before swimming off. 7/16/2023 Tom Woodward Tound a dead loon in Potash Bay on shore.	ssed - or	n land	4	0.57
(Hubbarton) Hubbard Beecher P. Brighton Berlin PSouth Berlin Bomoseen L. Castleto Burr P. Sudbury Carmi L. Franklin Cedar L. Monkton Champlain (Isle La Motte) Isle La M Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Chittend Clark P./ Bruce multi-lake Glover Collby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North	loon active loon active loon active loon active loon active loon active (2 loons)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3								AD	hours before swimming off. 7/16/2023 Tom Woodward found a	5	4	4	0.57
Beecher P. Brighton Berlin PSouth Berlin Bomoseen L. Castleto Burr P. Sudbury Carmi L. Franklin Cedar L. Monkton Champlain (Isle La Motte) Isle La M Champlain L. (Addison) - Addison Chittenden Res West Chittenden Res West Clark P./ Bruce multi-lake Glover Collby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Berlin Berlin Berlin Berlin Castleto Franklin Castleto Honkton Castleto Franklin Castleto Glover Chittend Castleto Brighton	loon active loon active loon active loon active loon active loon active (2 loons)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3								AD	hours before swimming off. 7/16/2023 Tom Woodward found a	5	4	4	0.57
Berlin PSouth Berlin Bomoseen L. Castleto Burr P. Sudbury Carmi L. Franklin Cedar L. Monkton Champlain (Isle La Motte) Isle La Motte) Isle La Motte) Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Chittenden Res West Chittenden Clark P. / Bruce multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterford Crystal L. Barton Dunmore LNorth Leiceste	loon active loon active (2 loons)	9								AD	hours before swimming off. 7/16/2023 Tom Woodward found a	5	4	4	0.57
Bomoseen L. Castleto Burr P. Sudbury Carmi L. Franklin Cedar L. Monkton Champlain (Isle La Motte) Isle La M Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Chittenden Res United Clark P. / Bruce multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Carmin L. Castleto Monkton Clark P. / Bruce Glover	In loon active (2 loons)	3								AD	hours before swimming off. 7/16/2023 Tom Woodward found a				
Burr P. Sudbury Carmi L. Franklin Cedar L. Monkton Champlain (Isle La Motte) Isle La M Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Chittend Clark P./ Bruce multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Scalable Monkton	loon active (2 loons) loon active (2 loons) loon active (2 loons) loon active (2 loons) Motte loon active (2 loons)									AD	hours before swimming off. 7/16/2023 Tom Woodward found a				
Carmi L. Franklin Cedar L. Monkton Champlain (Isle La Motte) Isle La M Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Clark P./ Bruce multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Franklin Monkton Isle La M Chittend Chitend Chittend Chitend Chi	loon active (2 loons) loon active (2 loons) Adotte loon active (2 loons) loon active (2 loons)									AD	hours before swimming off. 7/16/2023 Tom Woodward found a				
Cedar L. Monkton Champlain (Isle La Motte) Isle La M Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Clark P./ Bruce multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Monkton Monkton Monkton Chittend Clark P./ Bruce Molecular Addison Chittend Chit	(2 loons) loon active (2 loons) Motte loon active (2 loons)									AD	hours before swimming off. 7/16/2023 Tom Woodward found a				
Champlain (Isle La Motte) Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Clark P./ Bruce multi-lake Cloby P. Plymoutt Collins P. Hyde Pa Comerford Crystal L. Barton Dunmore L North Isle La M Addison Chittend Chitend Chittend Chit	Motte (2 loons)	3								AD	hours before swimming off. 7/16/2023 Tom Woodward found a				
La Motte) Isle La M Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Chittend Clark P./ Bruce multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Leiceste	loon active (2 loons)									AD	hours before swimming off. 7/16/2023 Tom Woodward found a				
Champlain L. (Addison) - Potash Bay Addison Chittenden Res West Clark P./ Bruce multi-lake Glover Collby P. Plymoutl Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Leiceste	loon active (2 loons)									AD	7/16/2023 Tom Woodward found a				
(Addison) - Potash Bay Addison Chittenden Res West Chittend Clark P./ Bruce multi-lake Glover Collby P. Plymoutt Collins P. Hyde Pa Comerford Waterfort Crystal L. Barton Dunmore L North Leiceste	loon active (2 loons)						Mortality	Unknown							
West Chittend Clark P./ Bruce multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterfort Crystal L. Barton Dunmore L North Leiceste	len (2 loons)								7/16/2023	Ad	Disappeared within a few days. Not collected. Photos.	2	0	0	0.00
Clark P./ Bruce multi-lake Colby P. Plymoutt Collins P. Hyde Pa Comerford Crystal L. Barton Dunmore L North Leiceste															
multi-lake Glover Colby P. Plymoutt Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Leiceste	loon active	•			<u> </u>										
Colby P. Plymoutl Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Leiceste												1	0		0.00
Collins P. Hyde Pa Comerford Waterfor Crystal L. Barton Dunmore L North Leiceste	h loon active						Mortality	Fishing gear -	8/5/2023	Ad	8/5/2023 Beached loon brought to VINS. Blood in trachea, alert, eating. 8/11 bird died. Fishhook in ventriculus (gizzard) likely w/ swivel.				
Crystal L. Barton Dunmore L North Leiceste		9					-					1	0	0	0.00
Dunmore L North Leiceste															
Dunmore L North Leiceste	loon active (2 loons)	9													
		,													
(Plymouth) Plymouth		_													
Fern L. Leiceste Gale Meadows	r loon active	9													
Res. Winhall	loon active	e				1						2	0	0	0.00
Great Averill L	loon active	9									10/2/2023 Dead loon observed floating toward south end. Not				
South Averill	(2 loons)						Mortality	Unknown	10/2/2023	Ad	retrieved.				
Greensboro - town Greensb							Rescue	Trauma - crash landed	12/13/2023	Ch	Bend Rd about 1-2 miles from Caspian Lake. Local residents captured the bird and brought to VINS. Rehabbed for two days to improve waterproofing of feathers. Released at Wilder Dam on the Connecticut River.				
Grout P. Stratton	loon active	9		ļ							6/12 Adult Ioon 100 meters from river				
Guilford - town Guilford								Trauma - crash			in lumber yard. Brought to VINS. Blood tests normal and radiograph looked o.k. Feisty. Loon released				

			Nest	ı	Nest	ı		ſ	Situation:	1		ī	T	1	1		mean annual #
		2023	Type (current/		Warning Sign	Chicks hatched	Chicks through	Chick Mortality	Resc./ Mort./	Mortality and Rescue				# years	# years nest	total # surviving	surviving
Lake	Town		past)	Nest Outcome	Buoys	out	August		Monitor	Cause	Date	Age	Comments	nested		chicks	territory yrs.
Hartwell P.	Glover	loon active					-					-					1
Indian Brook	Essex	loon active															
Marshfield P.	Marshfield	loon active (2 loons)												0			
Memphremagog		, ,															
L Holbrook Bay	Newport	loon active															1
Memphremagog										Fishing gear -			6/1/23 Warden recovered dead loon with fishing line around the head.				
L John's River	Derby	loon active							Mortality	monofillament	6/1/2023	Ad	Sent to Mark Pokras.	4	2	1	0.08
Molly's Falls Res South	Cabot	loon active															
		loon active															
Moore Res.	Waterford	(2 loons)															
Mud P. (Hyde Park)	Hyde Park	loon active															
Notch P.	Ferdinand	loon active															ł
Nulhegan	Brighton	loon active															
Old Marsh P.		loon active											Pair likely moved and nested on Inman P. In past years, pair has used both ponds.	5	4	3	0.60
Old Iviai Sii F.	Fair Haven	loon active			_								12/5/2023 Rescue: trauma - crasn	5	4	3	0.60
													landing. Red-throated loon. Adams Rd in Pittsford, VT. Residents successfully contained the loon and				
Dittoford town	División I								D	Trauma - crash	10/5/0000		delivered to VINS. Appeared healthy.				ł
Pittsford - town	Pittsford	loon active							Rescue	landed	12/5/2023	Ad	Released on CT river at Wilder Dam.				-
Raponda L.	Wilmington	(2 loons)												5	2	2	0.25
Rood P.	Williamstown	(2 loons)															1
Rutland - town	T man seem	(= 100110)								Trauma - crash			7/5/2023 Rescue: adult loon crash- landed at Rutland airport. Scrapes on feet and heat stress. Released by VFWD warden Tim Carey at Amherst				
(airport)	Rutland								Rescue	landed	7/5/2023	Ad	Lake.				1
, ,		loon active															
Salem L.	Derby	(2 loons)															
Seymour L																	1
West	Morgan	loon active												1	1	2	0.40
Silver L. (Barnard)	Barnard	loon active															
Silver L.	<u>.</u>				1												l
(Georgia)	Georgia	loon active															
Somerset Res South	Somerset	loon active															
St. Albans Res					1												l
North	Fairfax	loon active			+	-			1					-			
Stratton P.	Stratton	loon active			+	-											
Sunrise L. (Benson)	Poncon	loon active			1												l
Sunset L.	Benson	loon active			+												
(Benson)	Benson	(2 loons)											12/6/23 Loon tound in Waltstield, VI.	1	0		
Waitsfield - town	Waitsfield								Rescue	Trauma - crash landed	12/6/2023	Ad	Local residents captured the bird and brought to VINS. Appeared healthy. Released at Wilder Dam on the Connecticut River. Smaller bird: ~2800g and wing chord (33cm) and tarsus length (90mm)				
Wallace P.	Canaan	loon active											, ,	0			1
		loon active			1									Ť			
Walton P.	Woodbury	(2 loons)															

			Nest		Nest				Situation:								mean annual #
			Type		Warning	Chicks	Chicks		Resc./	Mortality and					# years	total #	surviving
		2023	(current/		Sign	hatched	through	Chick Mortality	Mort./	Rescue				# years	nest	surviving	chicks per
Lake	Town	status	past)	Nest Outcome	Buoys	out	August	Cause	Monitor	Cause	Date	Age	Comments	nested	success	chicks	territory yrs.
		loon active															
Wapanacki P.	Wolcott	(2 loons)															
Waterbury Res		loon active		More loon actiivty													
South	Waterbury	(2 loons)		this year.					Monitor	Unknown	6/25/2023	Ad					
		loon active															
Willoughby L.	Westmore	(2 loons)															