

## Lake Hamilton bird survey monthly data in 2 groups (waterbirds & others) Feb 2012-Jan 2016

Date	18-Feb-12	29-Mar-12	26-Apr-12	24-May-12	28-Jun-12	26-Jul-12	23-Aug-12	24-Sep-12	25-Oct-12	22-Nov-12	20-Dec-12	24-Jan-13
Weather	3LWF	2NCF	8LMD	8NMD	7LCF&Z	8NCD	5-8LCD&F	3-8NCD&F	8LMF	1NMF	5LMF	0NWF
Time	1700-1850	800-1000	800-930	800-930	800-930	745-900	755-915	805-930	800-940	800-930	800-915	800-1000
Water cover & depth	80%	80%	80%	90%	100%	100%	100%	100%	95%	90%	80%	70%

### WATERBIRDS

Coot, Eurasian	1	610	31	82	210	98	35	150	10	68	230	800	1900
Cormorant, Great	2		2		2					1	1	8	2
Cormorant, Little Black	3	36		8	5	3	1	4	2		7	26	2
Cormorant, Little Pied	4	13	22	24	36	2			1	1	6	6	7
Crake, Baillon's	5	1							1	1	1	8	5
Crake, Australian Spotted	6										3	1	6
Crake, Spotless	7		1	6	2		1				1		
Darter, Australasian	8							1					
Dotterel, Black-fronted	9		6	9	2					2	2	1	2
Dotterel, Red-kneed	10												1
Duck, Australian Shelduck	11								2				
Duck, Australian Wood	12	3										15	
Duck, Blue-billed	13												
Duck, Chestnut Teal	14												
Duck, Feral	15												
Duck, Freckled	16												
Duck, Grey Teal	17	9									9	80	20
Duck, Hardhead	18	1	1					1			125	90	210
Duck, Musk	19	7	4	4	15	4	3	15	7		10	6	10
Duck, Pacific Black	20	44	58	52	48	31	13	7		4	17	52	120
Duck, Pink-eared	21												
Duck, Australasian Shoveler	22												
Egret, Cattle	23		1	33	6								
Egret, Eastern Great	24	1	1									2	2
Grassbird, Little	25	3	4	1	4			6	10	8	14	16	18
Grebe, Australasian	26	2		1	3	9	10	2					8
Grebe, Great Crested	27												
Grebe, Hoary-headed	28			5	2					6		1	35
Gull, Silver	29	8	2	1	4		1	1		9	1	15	23
Heron, White-faced	30	3	1		2							1	3
Ibis, Australian White	31	40			1							1	3
Ibis, Straw-necked	32												
Lapwing, Banded	33												
Lapwing, Masked	34	110	76	28	49	39	2	4	4	5	4	16	60
Moorhen, Dusky	35	70	162	146	240	44	107	68	44	27	80	55	50
Native-hen, Black-tailed	36										1		
Pelican, Australian	37												
Rail, Buff-banded	38							1					
Rail, Lewin's	39												
Reed-warbler, Australian	40								17	9	34	10	25
Sandpiper, Common	41												
Snipe, Latham's	42										1		2
Spoonbill, Royal	43		2										
Spoonbill, Yellow-billed	44		1										
Stilt, Black-winged	45												
Swamphen, Purple	46	14	24	26	34	16	25	21	28	47	20	13	40
Swan, Black	47		41	19	3							2	15
<b>W Total number of species</b>	47	18	19	16	19	9	10	13	10	14	20	23	25
<b>W Total number of birds</b>		975	440	445	668	246	198	281	124	190	567	1225	2569

OTHER BIRDS incl. raptors		18-Feb-12	29-Mar-12	26-Apr-12	24-May-12	28-Jun-12	26-Jul-12	23-Aug-12	24-Sep-12	25-Oct-12	22-Nov-12	20-Dec-12	24-Jan-13
Goshawk, Australian	1												
Harrier, Swamp	2												
Kestrel, Nankeen	3												1
Kite, Black-shouldered	4							1					
Kite, Whistling	5											1	
Sparrow-hawk, Collared	6												
Blackbird, Common	7								4		3		
Black-cockatoo, Yellow-tailed	8												
Bronze-cuckoo, Horsfield's	9								1			2	
Bronze-cuckoo, Shining	10												
Cockatoo, Sulphur-crested	11												
Corella, Long-billed	12								2	18		450	15
Cuckoo-shrike, Black-faced	13												
Dove, Rock	14	10						1			7		8
Fairy-wren, Superb	15		4		1	8	5	6	3		2	2	4
Fantail, Grey	16			5	1		2		1				3
Flycatcher, Restless	17				1								
Galah	18		2		1				1			30	
Goldfinch, European	19								2	4	2		2
Greenfinch, European	20												
Honeyeater, Brown-headed	21												
Honeyeater, New Holland	22		2		2				4	15	14		6
Honeyeater, White-naped	23												
Honeyeater, White-plumed	24	4	1	3	12			4	10	2	10	2	8
Honeyeater, Yellow-faced	25												
Kookaburra, Laughing	26							2		1			
Lorikeet, Musk	27										12	2	
Lorikeet, Purple-crowned	28							8			10		
Lorikeet, Rainbow	29	30	11	2	4			2	8	15	20	16	20
Magpie, Australian	30	5	29	13	12	6	8	7	13	16	6	10	15
Magpie-lark	31	3	11	7	4	3	2	5	9	9	7	5	8
Martin, Fairy	32												
Martin, Tree	33		3	20	74	2		7	35	20			
Pardalote, Striated	34								1				
Parrot, Red-rumped	35	10			23			6					11
Pipit, Australasian	36										1		
Raven, Forest	37		1										
Raven, Little	38	5	10	3	23	9	5	8	3	2	3	2	4
Rosella, Crimson	39		1			10		5	2				
Rosella, Eastern	40												
Shrike-thrush, Grey	41							2	3	1			
Silvereye	42												1
Songlark, Rufous	43												
Sparrow, House	44										6		
Starling, Common	45	7			13			10	6	3			
Swallow, Welcome	46	50	20	17	70	4		3	45	20	7	30	20
Thornbill, Brown	47												10
Wagtail, Willie	48	3	1	1	4	3	1	3	1	2	6	5	4
Wattlebird, Red	49		5		2		1	1	9	7	14	4	
Woodswallow, Dusky	50												
<b>OB Total number species</b>	50	10	14	9	16	8	7	18	21	15	17	14	17
<b>OB Total number of birds</b>		127	101	71	247	45	24	81	163	135	130	561	140
<b>Overall WB+OB species</b>	97	28	33	25	35	17	17	31	31	29	37	37	42
<b>Overall WB+OB number</b>		1102	541	516	915	291	222	362	287	325	697	1786	2709

Waterbird breeding notes

( ) number of chicks, included in total

28-Feb-13	28-Mar-13	25-Apr-13	23-May-13	29-Jun-13	25-Jul-13	23-Aug-13	25-Sep-13	25-Oct-13	28-Nov-13	19-Dec-13	23-Jan-14
6LMF	4LMF	5NMF	0MFN	2CFN	4CFN	8CDN	4MFL	5MFL	8MFN	1WFN	0WFL
800-1000	745-1000	730-1020	745-1000	800-0955	745-0945	745-0945	745-0915	745-0930	745-0930	745-1000	745-930
80%, mod	70%,mod	60%,mod	75%,mod	80%,mod	95%	100%	95%	95%	90%	85%	75%

3600	3000	2850	110	100	75	170	50	30	60	120	230
6	1	3			1	3	7	4	2		12
4	65	33					4				32
22	22	52	8	1					2		3
							1			1	1
9	6	3	2								1
8	5	7	3	2		2	1	2	2	2	2
12	8	8	7								
2											
7	17	12	3			1					25
				1			2				4
								2			
	5	3									
31	33	21	16	22	4		8				19
12		1	5				8				3
10	10	5	19	10	27	23	9	11	17	12	21
120	145	90	40	17	10	10	5		18	36	34
2	2	2	6	6							3
6	7	44	11	2							
2		21				10	24				
5	7	6	1							1	2
6	9	8	7	2	6	8	7	12	9	22	7
8	15	7	8	4							
									1		
13	7	84	23	3	12	8		2	6	2	3
15	12	2		15	4		2	3	6	7	26
4	5	6	4							1	3
	2	6									1
	2										
150	135	50	60	40	24	17	7	6	27	20	27
100	30	50	135	92	185	90	60	53	20	30	20
4	1										
							1	1	1		
				1							
4							7	11	11	21	6
							1				
1										4	10
		1									
3	7	8	2								
80	70	65	52	65	62	38	33	31	7	8	28
135	150	12	16	8	4	3					
30	29	29	22	18	12	13	19	13	15	15	25
4381	3779	3460	538	391	414	383	237	168	189	287	523

28-Feb-13	28-Mar-13	25-Apr-13	23-May-13	29-Jun-13	25-Jul-13	23-Aug-13	25-Sep-13	25-Oct-13	28-Nov-13	19-Dec-13	23-Jan-14
											1
			1								
2					2				6		1
								1	1		
550		12					4		9	2	1
		10			16						8
10	6	2	7	1	1	3				4	3
			2	1							
		13	3		2		1		2	8	18
		6	3					2			
1		4	26	6	9	7	4	7	4	6	5
26	14	8	6	11	5	7	8	5	9	8	4
									5		8
20	15	7	6	4	2	4	4	2	11	14	22
11	7	8	6	13	13	11	8	20	10	12	16
4	8	6	5	7	6	10	9	8	7	12	7
10	6	40			10	8		10	1		
18		36	25		4					7	9
20	5	15	3	7	9	12	4	9	7	2	7
2					2				2		
		1		1	1		2	2		1	2
		8		5			2	6	1		2
30				3	5	60	2	20	10	6	
50		50	160	30	20	30	15	55	30	30	
6	2	2	2	1		2	1	4	7	8	4
6	2	8	8	8	13	6	11	13	13	5	5
16	9	18	15	14	17	12	14	15	18	15	18
766	65	236	263	98	120	160	75	164	135	125	123
46	38	47	37	32	29	25	33	28	33	30	43
5147	3844	3696	801	489	534	543	312	332	324	412	646

Cloud 0-8

C (<10°C)  
M (11-20)

W (21-30)  
H (>30 C)

F fine  
D drizzle

R rain  
f frost

Wind N  
(nil)

Wind L  
(light)

Wind S  
(strong)

27-Feb-14	28-Mar-14	24-Apr-14	22-May-14	26-Jun-14	24-Jul-14	30-Aug-14	24-Sep-14	23-Oct-14	28-Nov-14	18-Dec-14	22-Jan-15
6MFL	8MFN	5MFN	7MLF	7CFL	8CRN	0CFN	8MFN	8MFL	7MFL	7MFL	1WFL
800-1000	800-1300	745-1000	800-1000	800-1000	800-945	0750-0950	0745-0945	0730-0945	0730-0945	0730-1000	0730-1030
80%, mod	70%	70%	75%	95%	95%	100%	100%	100%	90%	80%	70%

700	1500	1300	2200	1100	175	325	245	255	410	690	1990
6	100	20	4	7		1	1	5		24	13
40	55	18	2				3	3	19	34	50
16	35	33	16	13					2	17	25
											1
		1				1					
3	4	8				2		1	2	2	3
			1								
31	8			4					25	17	5
	2										
43	34	5	6	5		3	4	1	12	11	16
			2			2	8		2		
13	10	14	5	9	7	11	12	8	22	18	17
155	95	180	140	7	5	11	5	5	48	80	100
	1										
4	14	8	5	1							
		10	85								
1		5						1	1	1	
12	1	5	4		2	9	9	12	13	8	8
1	4	1				4	2		1		
				1							
	16	8	10		6	1	1		4	4	3
14	7	14	14					1	10	16	12
5	3	5	4	2				1	4	1	3
1	2	4									
								1			1
47	75	43	26	25	15	7	22	9	46	40	50
31	40	31	34	41	270	80	55	53	20	15	20
1	1	7								1	1
									2		
12						3	22	23	15	12	17
2							1	1		2	
1	3	10									
26	50	45	36	50	135	25	41	28	12	14	23
19	110	118	16	4		3					11
24	24	24	19	14	9	16	15	17	20	20	21
1184	2170	1893	2610	1269	617	488	431	408	670	1007	2369

27-Feb-14	28-Mar-14	24-Apr-14	22-May-14	26-Jun-14	24-Jul-14	30-Aug-14	24-Sep-14	23-Oct-14	28-Nov-14	18-Dec-14	22-Jan-15
							1		1		
							1				1
										1	
		2	1	1		2	2		1		2
	2						1	1			2
						1					
						2	25	29	4	300	1
		7	6					15	5	1	
10	4	3	5	8		4	3	3	3	3	14
	2	2	2								2
	7			21				2	5	32	2
							3	4		6	2
									1	2	1
4	4	1		3			3	4	8	6	10
5	5	7	18	8		14	21	8	1	16	26
											1
12											
6	6	8	8	26		2	5	2	17	30	16
15	18	17	11	13	10	11	10	13	16	29	17
13	6	11	5	7	3	8	9	6	17	28	20
							1				
		2	2						3	10	
						1					
11	2	5	9			2	3	7	12	42	8
						2			1		
12	6	12	7	6	5	27	8	16	2	3	6
				1							
	3			1	1			1	2	1	3
						7	25	10		20	2
10	12			2		7	12	18	6	60	8
4	2	8	25			10	11	45	50	90	6
2	3	2				1					1
10	3	6	2	3	1	5	4	5	8	9	4
2		2	4	2	1	10	9	6	13	8	10
14	16	16	14	14	6	18	20	19	21	22	25
116	85	95	105	102	21	116	157	195	176	699	171
38	40	40	33	28	15	34	35	36	41	42	46
1300	2255	1988	2715	1371	638	604	588	603	846	1706	2540

Mlark

Wwagt  
Rwblr

Wwagt

Dmhen 1(1)

RWblr 2(4)  
Dmhen 1(2)

26-Feb-15	26-Mar-15	23-Apr-15	28-May-15	26-Jun-15	23-Jul-15	26-Aug-15	24-Sep-15	22-Oct-15	26-Nov-15	17-Dec-15	21-Jan-16
4MNF	7MFL	8MFN	7MFN	8CFN	1CFN	7CFN	6CFL	7CFN	5MFS	0HFL	3WFN
0745-1045	0730-1000	0730-1000	0730-1030	0730-1030	0745-1100	0750-1000	0740-1030	0730-1030	0730-1030	0740-1005	0730-1100
80%	75%	80%	85%	90%	95%	95%	100%	95%	90%	80%	70%
520	1015	1450	2600	3600	1800	2200	610	480	650	980	1700
10	9	1			2			15	6	6	3
26	39	21			1		2	5		3	24
26	68	72	26	2	4	1	1	6	1	20	36
								1			2
		1	1								2
1	3	3						1			2
	7	8			1				26	28	25
		1						6	1	1	
		1	1					3	1	1	1
								1			
12	14	9	12		2	2	3	10	19	25	36
			29				2	5	41	70	34
15	11	15	22	15	8	10	17	18	8	14	14
210	286	160	170	105	1	3	12	30	117	137	340
			1				5				
			8	2	1				2	3	3
1		34	12			1					
	1							1			1
3	3	2	3		1	8	8	8	12	4	4
		2				3	1				
			1								
		1	11	10	22	5	7	8	4	13	7
7	8	4	4	3				3	16	11	20
7	10	5	4		2						3
1	23	1	1							1	1
	4										
1	1										
48	55	29	50	33	26	23	26	55	28	17	54
61	77	28	120	60	65	51	44	20	22	47	62
	2		1						1		
6							10	17	16	20	35
										1	2
1											
2	5	1									8
							1				
33	66	23	65	60	52	32	36	20	15	38	30
	3	6	39	1				2	16		4
20	22	24	22	11	15	12	16	20	21	21	27
991	1710	1878	3181	3891	1988	2339	785	708	1008	1440	2453

26-Feb-15	26-Mar-15	23-Apr-15	28-May-15	26-Jun-15	23-Jul-15	26-Aug-15	24-Sep-15	22-Oct-15	26-Nov-15	17-Dec-15	21-Jan-16
			1					1		1	
		2					1	1			
1		1		1		1	2	4			7
	3 16							1			
							1				
6		8					13			5	
					1					1	
18	33		9	40	8	2		34			40
9		13	17	12	26		10	9	4	3	16
		1									1
2		8		2				2	14	6	6
		1						6		1	1
										3	
		12									
13	6	5	14	18	13	3	8	10	6	2	14
				6							
6	10	2	4	4	4	18	4	14	7	8	11
								2			
		1		2		2					
					4	14			20	4	5
			2		6					2	
6	31	12	55	40	42	25	12	35	30	26	20
11	34	21	32	18	20	8	20	17	11	7	14
16	8	4	11	9	7	8	4	14	18	5	12
						1					
	95	8				5	2	30	12		170
		1									
7	33		4		4			1	8	4	14
											1
6								2	3		
7	11	4	4	7	25	2	4	14		7	6
				8							
		2	1		2	1	2	3	1	2	
								1			
15		2		2		10	2	2	7	13	13
3		7			2	4		8	6	5	38
22	16	23	15	1	8	10	19	35	105	3	16
10	1	4		6	7		2	3			6
	6	3	4	4	6	2	7	3	6	3	5
6	1	2	17	9	20	9	16	18	21	2	12
	2	5	2								
18	16	25	16	18	18	18	19	26	17	22	22
164	306	152	192	189	205	125	130	280	279	113	428
38	38	49	38	29	33	30	35	46	38	43	49
1155	2016	2030	3373	4080	2193	2464	915	988	1287	1553	2881