

MARIN COUNTY (SOUTHERN) CHRISTMAS BIRD COUNT - MILL VALLEY

1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	SPECIES														
					11		7																		1						goose sp.													
						9		39	18	6	10	3	8	2	2		2	9	3	10	17			12	13			18	15	60	American Wigeon													
																															Mallard													
																															Common Goldeneye													
																															duck sp.													
40	1	15	12	16	62	35	3	24	2	9	8	8		9	1	12	12			10									1	3	California Quail													
																															Pied-billed Grebe													
1																														2	14	3	Double-crested Cormorant											
																																1	Great Egret											
																																	1	Snowy Egret										
																																		Black-crowned Night-Heron										
1	5	51	31	10	12	12	9	19	10	13	10	13	8	2	10	8	10	13	12	5		5	3	6	13	12		6	3	1	Turkey Vulture													
																																		White-tailed Kite										
																																		Bald Eagle										
1																																		Northern Harrier										
																																			Sharp-shinned Hawk									
																																			Cooper's Hawk									
																																			1	Accipiter sp.								
																																				Red-shouldered Hawk								
																																				1	Red-tailed Hawk							
																																					American Kestrel							
																																					Merlin							
																																					American Coot							
																																					Killdeer							
																																					Spotted Sandpiper							
																																					Greater Yellowlegs							
																																					Wilson's Snipe							
																																					Mew Gull							
																																					1	Ring-billed Gull						
																																					1	Western Gull						
																																						1	California Gull					
																																						6	gull sp.					
																																						10	Rock Pigeon					
95	13	26	20	186	25		3	125	36		8		30		20	40	44		1	2				20	37										3	Band-tailed Pigeon								
17	12	4	12	15	18	4		3	2	10	17	9	2	1		1	11		1	1	2		4													12	Mourning Dove							
																																							1	Western Screech-Owl				
																																							2	Great Horned Owl				
																																								2	Spotted Owl			
																																								1	White-throated Swift			
15	11	15	31	36	32	24	23	45	22	17	4	14	14	12	17	30	30	32	15	25	5	5	13	12	7	15	5	28	17								17	Anna's Hummingbird						
																																									1	Belted Kingfisher		
																																									1	Acorn Woodpecker		
																																									1	Red-breasted Sapsucker		
																																									1	Nuttall's Woodpecker		
																																									1	Downy Woodpecker		
																																									3	Hairy Woodpecker		
																																										6	Northern Flicker	
8	10	6	12	12		9	17	20	9	10	17		8	6	9	10	9	9	3		5	3		2	4		3		6	8									6	Northern (Red-shafted) Flicker				
																																											6	Northern (Yellow-shafted) Flicker

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																	1	1										1		Pileated Woodpecker	
	2	1	1	3	1			1	2	1		1	2	1		1	1	2	3	3	1	1				3	3	4	1	Black Phoebe	
	1	2	4	5	2	1		1	3	2		2			1		2	2	2	2	1		1							Hutton's Vireo	
10	7	13	12	9	18	9	9	21	17	23	12	11	6	5	14	10	16	9	5	7	1	1	4	1	4	5	1	5	7	Steller's Jay	
41	21	27	44	47	38	29	28	52	42	46	24	28	18	22	24	25	34	18	11	18	12	4	19	11	9	15	11	19	18	Western Scrub-Jay	
	2	11	20	12	11	3	64	52	45	62	15	15	18	31	16	60	115	125	7	68	64	56	40	60	83	373	91	46	108	23	American Crow
		1	7	2	17	5	16	3	39	4	14	4	1	6	2	5	7	6	10	11	11		9	20	10	27	7	7	10	4	Common Raven
	1																													Tree Swallow	
25	3	23	37	18	22	40	59	24	38	20	20	22	19	26	31	16	25	30	20	35	7	11	38	25	13	11	5	26	28	Chestnut-backed Chickadee	
	2	1		6		2	2		8	3		2	1		1	1	1	1	3	9	8	3	1	2		6	6		2	2	Oak Titmouse
45	24	43	36	73	35	108	65	58	18	75	15	10	54		2	5	44	4	47	18	5	21	12		20	15				Bushtit	
			4			8				5	1	1				2		2		1							1		3	1	Red-breasted Nuthatch
5			4		15			3		CW	4	8	2		4		15	2		6	10			4	1	4	7	3	21	Pygmy Nuthatch	
			1	2				1	3	1	8		2	1		2	1	3		1	3	1		3			2	2		1	Brown Creeper
5		5	5	3	3	5	1	3	2				4	1			1	1		3	3	1	1	4		2	1	1	3	4	Bewick's Wren
				1		1	1									2		1		1											Winter Wren
9	3	3	25	2	9	3	4	26	2				7		17	4	6	15		7		7									Golden-crowned Kinglet
26	4	21	30	30	25	56	25	62	30	25	20	12	13	10	12	16	33	9	17	11	9	6	15	5	18	9	4	6	4	Ruby-crowned Kinglet	
15	1	6	19	5	10	2	12	29	24	16	3	22	1	15	2	6	7	18	8	3	8	1	5	1	6	7	2	19	5	Hermit Thrush	
23	206	30	158	195	215	151	90	140	165	103	80	300	77	241	34	162	46	98	89	62	150	75	75	5	11	231	65	122	81	American Robin	
	9	4		4	12	12	2	3	8	6	3	11	3	1	13			1	3	1		5			2	3			2	Varied Thrush	
11	1	14	18	17	18	9	10	13	12	4	4	7	5	1	3	6	9	3	2	7	4		4	2		3	6	3	1	Wrentit	
	1	1	3	2	1	1	2	4		3	CW	2	1	2	1			1	1	1			2	1	1	3	1	1	1	Northern Mockingbird	
		1		5	4	1		1	1	1		1	1	1	1	1	1	1	1	1	1		1	1	1	1	1			California Thrasher	
	10	45	8		30	15	3	22	5	71	5	150	62	63	12	1		12	1	6	15	2	50	200	10	5	30	154	34	European Starling	
36	1	14			50	12		34	20	51	40	1	13		15		11		3	10								100	30	Cedar Waxwing	
								1																							Orange-crowned Warbler
3			5	18		2		13	15	24	11	5	2	7		6	19	4	1	4	2	1	12		2	3	1	5	1	Yellow-rumped Warbler	
		1																													Yellow-rumped (Audubon's) Warbler
7	4	13	5	2	4	1	3	3	4	1	CW	3	1	4		3	15	4	11	7	1		5		4		1		1	Townsend's Warbler	
18	5	9	25	11	13	9	12	18	14	8	5	10	4	2	2	6	7	6	1	7		2	4	2	2	4	2	3	2	Spotted Towhee	
3	14	9	32	33	35	24	23	36	17	22	12	32	16	11	15	25	42	11	10	12	8	5	8	3	9	5	7	7	8	California Towhee	
16	7	10	9	7	8	20	8	15	8	15	3	7	4	4	3		3	9		1		1	2		7	3	4	2	2	Fox Sparrow	
4	1	1	10	6	12	3	1	2	2	4		1	1	1	3		1	1		1			1				2	1	2	Song Sparrow	
	1				2	2	2	2	1	3	2	1	2	1	1		1						3			1		1	1	1	White-throated Sparrow
	1	26	12	34	25	32	5	19	3	14	30	5	35	13	14	25	50	30	10	17	6	14	18	5	7	14	11	7	6	White-crowned Sparrow	
108	45	33	33	62	60	54	65	135	45	98	46	27	43	12	19	40	25	39	18	18	7	5	23	18	29	8	12	19	6	Golden-crowned Sparrow	
228	138	94	164	131	230	153	155	183	45	150	75	82	144	149	42	103	59	73	87	35	59	32	35	70	56	44	126	33	76	Dark-eyed (Oregon) Junco	
		CW	CW		1		1																								Dark-eyed (Slate-colored) Junco
																															Western Tanager
2			6																												Red-winged Blackbird
			14		9		35	3																							Western Meadowlark
31		22	18		25				1	30	5	18		12		6						2		30		10				Brewer's Blackbird	
			1		1																										Brown-headed Cowbird
2		1	10	2	1	30	1	6	1	2	1						1			1	1	2				1		7	8	Purple Finch	
80	57	41	40	85	80	105	60	140	31	15	19	9	12	2	6	18	26	15	22	27	13	9	18	6	17	1	6	20	10	House Finch	
				75			1	3	8	1	CW	15		45					4					4					1		Pine Siskin
	12		1			3	10						1				12		1	1			6	3	12	10	16	3	1	20	Lesser Goldfinch
																							5	1	1					1	American Goldfinch

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	20	10		18			1	27		4	4	8	5	2		6	1			3	25	5			3	4				House Sparrow		
948	643	684	996	1232	1225	1083	914	1500	785	986	645	972	665	751	414	736	796	524	544	499	556	353	533	588	780	584	445	886	535	Individuals		
38	39	43	54	48	51	43	46	54	52	48	42	49	41	40	37	41	48	44	43	53	35	38	44	33	41	45	39	45	43	Species		
					1		1										1													Additional Forms		
38	48	54	64	70	73	73	73	75	78	81	81	81	81	81	81	81	82	82	82	83	84	84	84	85	86	87	90	90	90	Cumulative Species		
7	5	6	5	6	4	6	4	7	7	6	5	6	6	5	8	6	8	6	7	7	6		6	6	7	6	5	6	6	Observers in the field		
																														Observers at feeders		
																														1	1	Minimum number of parties
1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	Maximum number of parties	
5	4	6	7	8	8	7	7	14	7	7	7	7	7	6.5	6	7	6	7	6.5	7	6		5	5	6	4	4	5	5	Party hours on foot		
2	2	2	1	1	1	2	2	1	3	3	3	2	1	2	1	1	1	2	1	0.5			1	0.5	1	1	1	1	1	1	Party hours by car	
7	6	8	8	9	9	9	9	15	10	10	10	9	8	8.5	7	8	7	9	7.5	7.5	6		6	5.5	7	5	5	6	6	Total Party Hours		
5	3	6	6	6	6	6	6	10	6	6	6	6	6	6	5	6	6	6	6	6	6		1	5	2	3	2	2	3	Party miles on foot		
15	12	10	10	10	10	10	10	15	10	10	10	10	5	5	5	4	1	1	1	1	3	3		5	4	3	2	5	5	5	Party miles by car	
20	15	16	16	16	16	16	16	25	16	16	16	16	11	11	11	9	7	7	7	7	9	9		6	9	5	5	7	7	8	Total Party Miles	
																						1		1		1	1	2			Feeder Hours	
			1	1	1	1	1	1	1	1	1	1	0.5		0.5																Nocturnal Hours	
								1		4	1	1			1																Nocturnal Miles	
												700	630	800	900	800	730	800	830	800	900			800	900	930	930	900	900	900	Starting Time	
												1600	1700	1630	1700	1700	1650	1700	1700	1700	1600			1630	1530	1700	1630	1600	1600	1600	Ending Time	

CW = species seen during count week but not count day