

MARIN COUNTY (SOUTHERN) CHRISTMAS BIRD COUNT - TERRA LINDA

1978	1979	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					
2	2	3	8	5	6	8	6	3	9	4	11	5	4	4	5	5	6	4	2	6	4	4	4	2	6	4	1	2	1	5	6	Red-tailed Hawk					
					1	2		CW		1	CW		1		1																	Golden Eagle					
4	9	5	11	2	10	11	4	4	9	6	3	6	4	6	6	5	4	7	4	4	6	2	2	4	3	1	2	4	1	4	American Kestrel						
			1												1	1		1	1			2										Merlin					
				1											1										1							Peregrine Falcon					
																																	Prairie Falcon				
1	1	3						1		1		2		3	1	2	1	3	1		3	1	1	1	1	1		1	3	1	Clapper Rail						
5												2																				Virginia Rail					
2	1					1																							1			Sora					
							2																										Common Moorhen				
306	251	399	287	210	257	271	192	423	300	310	421	278	298	152	102	223	250	402	536	612	382	505	284	122	116	155	105	169	121	19	35	American Coot					
						2					1	2																					Black-bellied Plover				
19	8	26	58	2	15	30	2	17	53	40	21	32		6		3	3	2	16	37	9	4	3	4	4	4		3	2	4	4	Killdeer					
			1		50	74		28			3	2	10		6	7	25	10	18		27	25	17	14		15	2	17	39	12	6	23	Black-necked Stilt				
1			1				4								24	4	18	1	128	17	203	4	16	17	7	33	5		43	5	45	6	American Avocet				
2		4	1	2	6	7	1	3	12	7	5	8	1	3	1	2	2	4	6	23	3	9			3	13	8	3	1	5	25	Greater Yellowlegs					
2		1		250		9		2	348	4	4					200		40	1	1		4					300			1	101	Willet					
									3																					15				Long-billed Curlew			
																																			Marbled Godwit		
	32					26	15		9					9	220						10		2						6				Western Sandpiper				
			52			21	23			15	20				40						370		7								2			Least Sandpiper			
		2				20	96			25	158										152													Dunlin			
																													12						sandpiper sp.		
						5																													Short-billed Dowitcher		
		5			23	15	56	12	16	95	35	14						230				62												Long-billed Dowitcher			
					12	140									74	15	162													29		14			Long-billed Dowitcher		
2	3	6				12		5				3				1			2										1		1	1		Wilson's Snipe			
			1																																	Bonaparte's Gull	
135	81	360	302	203	129	378	350	442	466	510	549	295	217	250	437	343	346	192	343	277	456	300	91	162	186	150	144	645	243	370	253		Mew Gull				
5				2				15	1	4	2	1		1				5	3	1		1				2		1	1	1				Ring-billed Gull			
1						1			2	4															4		2								Western Gull		
	2														1																				California Gull		
				7			8											1						1		1									Herring Gull		
					49	640		100	35			300					102	61					150				30				6	400		Glaucous-winged Gull			
7		15	46	60	150	3	28	50	21	166	97	28	31	75	20	20	82	215	5	5	55	52	27	127	54	55	4	69	37	15	20		gull sp.				
28	55		9	10	3	49	20	178	122	140	48	24	131	60	40	33																		Rock Pigeon			
2	29	36	12	5	9	9	4	22	6	8	37	2	142	29	12	10	41	26	20	15	32	122	94	24	20	29	16	11	14	43	24		Band-tailed Pigeon				
							1	1	1	1					2			1	1	1		1	1		1										Barn Owl		
1					1			3		1										1	1		2												Western Screech-Owl		
	2				1			3	3	1									4	3	2		1	2			2								Great Horned Owl		
	1	1			1										1																					Burrowing Owl	
					2																															Spotted Owl	
											1																									Short-eared Owl	
																																					White-throated Swift
14	21	7	18	13	17	30	10	15	10	6	9	4	5	7	13	12	10	17	15	30	21	18	6	4	16	12	12	12	3	8	5			Anna's Hummingbird			
2	3	1	2	1	2	1	1	4			1	2	2		2	2	1	1	2	3					1	2	4	1							Belted Kingfisher		
		1		2				2		1	1	4	1	5	3			6		2			3	3		7		1	6	2	5	2			Acorn Woodpecker		
		1		1	2						1							1		1	2					1		1		1					Red-breasted Sapsucker		
				1	3	4	8	3	2		1		1			1	1	1	5	1	1	4	2	2	4	2	1	5	2	3	3				Nuttall's Woodpecker		

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1	1	1	1	2	2	2	1	13	3	1	1	1	1	1	1	1	1	2				4	2	1	1	3	2	2	2	2	2	Downy Woodpecker					
																										1						Hairy Woodpecker					
17	22	5	15	14	14	16	1			17		32	31	19	3	10	9	11	8	10	11	6	10	6	4		2	6	7	1	2	Northern Flicker					
																									1								Northern (Red-shafted) Flicker				
										1																							Northern (Yel-sh X Red-sh) Flicker				
																																		Northern (Yellow-shafted) Flicker			
4	6		3	4	7	6	7	5	8	2	3	3	3	3	3	4	3	2	2	9	6	7	12	11	7	6	1	8	8	9	5	Pacific-slope Flycatcher					
2	5	4	7	3	3	4	1	2	5	1	1	2	1	1	2	1	1	2	3	2	1	2				1	1	1	1				Black Phoebe				
1	1		2	1	3	3		3	1	1																							Say's Phoebe				
				2	1	7																												Loggerhead Shrike			
																																			Hutton's Vireo		
2				3	3	7	2	3	4	6	3	2	3	5	7	2	8	8	22	7	7	7			2	6	4	5	1	4	3	Steller's Jay					
27	17	11	16	8	24	43	16		23	14	42	20	9	23	34	25	19	35	30	36	38	18	27	7	23	13	12	28	13	12	9	Western Scrub-Jay					
13	19	16	15	24	61	26	30	19	37	13	25	33	9	26	21	9	93	54	23	19	31	29	36	44	42	59	18	28	27	135	48	American Crow					
						2		2	33	2	8			2	9	1	2	1	11	12	9	2		4	2	2	2	3					Common Raven				
31	16	2	36	8	6	9	5	11	4	2	3	1					10	5	13	11	3	4	1	7	12	13	6	6	2	8	4	Horned Lark					
3	5	2	2	3		24	3	3	3	3	8	1	1	1	4	1	4	1	6	7	3	3	13	1	3	1	3	5	5	3	11	Chestnut-backed Chickadee					
9	149	21	95	27	37	39	63	16	11	14	32	6																						Oak Titmouse			
																																			Bushtit		
				1	1	4		1		1																									Red-breasted Nuthatch		
		3																																	White-breasted Nuthatch		
																																			Brown Creeper		
					1	1																													Rock Wren		
1				3	10	4	2	2	2	2	1																								Bewick's Wren		
																																				House Wren	
6	7	3	4	3	4	14		3	6	4	3	1			1	16	4	11	4	4	9	2	4	1	2	1	1	1	1	1	1	1	1	Marsh Wren			
3				1		3																														Golden-crowned Kinglet	
25	64	18	15	15	15	24	25	7	14	9	5	8	1	9	8	14	6	14	12	25	5	4	17	5	8	2	1	6	3	3	2		Ruby-crowned Kinglet				
3				4	6		6		6	50	1																								Western Bluebird		
3	2	2	3	5	7	12	2	2	8	6	2	1			6	6	5	3	1	8	1	2	1	14		1	2		2	1	1	1	1	Hermit Thrush			
	1335	4	550	11	103	618	223	178	305	24	80	4	31	272	19	98	9	339	7	260	282	85	530	4	61	23	24	74	45	69	40		American Robin				
1	1		19		5	4	3	1																											Varied Thrush		
2	3	1		4	5	10	4	4	4	4	3				4	2																			Wrentit		
3	14	7	9	5	17	7	10	8	15	3	17	17	6	17	8	6	7	10	5	6	6	8	6	1	4	1	1	6	3	3	5		Northern Mockingbird				
	183	81	163	256	79	294	3	136	300	58	24	7	99	204	5	68	4	15	3	12	8		58		2	4		5	2	1	14		European Starling				
10	1	260	14	19	67	40				3	18				1																				American Pipit		
13			71	40		114	201	29	25	33	44	76	92	65			7	28																	Cedar Waxwing		
3	4		18	54		40	1		14		5	4	3	10	8	22	4																		Orange-crowned Warbler		
			1	5		3	1		16		28	14	3	3																					Yellow-rumped Warbler		
			2	2		12	15		4																											Yellow-rumped (Audubon's) Warbler	
																																				Yellow-rumped (Myrtle) Warbler	
																																					Townsend's Warbler
			1	2	6	1	5				3	2															1		1							Common Yellowthroat	
8	12	6	3	2	10	17	5	6	6	7	9	3	7		5	1	4	4	1	5	4	4	8	1	2			3	2					Spotted Towhee			
11	9	12	7	5	20	18	20	10	12	4	5	9	8	10	10	14	17	20	12	6	5	11	10	1	10	13	9	8	4	8	5			California Towhee			
																																					Rufous-crowned Sparrow
																																					Lark Sparrow
6		16	9		5	13	8	2	2	15																										Savannah Sparrow	
1	1		1		2	1		2	1	2	3	1																								Fox Sparrow	
13	15	10	6	18	7	78	5	11	13	13	33	22	13	6	3	28	20	23	6	18	9	5	31	10	10	3	12	10	7	12	5			Song Sparrow			
				1	1	5																															Lincoln's Sparrow
																																					White-throated Sparrow

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68	82	9	85	33	67	80	19	86	80	93	63	54	68	197	9	80	61	42	34	17	8	33	94	36	14	98	76	24	19	82	53	White-crowned Sparrow					
91	97	85	75	70	119	55	88	96	47	54	45	120	94	22	8	64	51	34	43	54	47	16	95	14	46	29	52	68	40	18	27	Golden-crowned Sparrow					
																						54											Dark-eyed Junco				
101	39	17	107	9	19	38	20	95	55	48	40	27	10	63	97	45	53	34	42	68	68		66	23	41	106	37	65	45	41	26	Dark-eyed (Oregon) Junco					
																																		Rose-breasted Grosbeak			
37	15	2	5	2	2	149	2000	60	53		114	40	130		2	2	3	20	15	77	10	28	47	54	15	48	12	2	50	24	25	Red-winged Blackbird					
76	53	47	32	64	32	85	3	104	36	4	19	71	58	6		8	11	4	89	4	27	2		6	67		12	6			1	Western Meadowlark					
192	860	578	287	10	71	131	38	120	338	200	150	204	108	130	143	345	27	20	80	36	44	150	50	229		150	2			15	44	Brewer's Blackbird					
																																		Brown-headed Cowbird			
						40	60	300				360			75		195																	blackbird sp.			
	2			21	2	21		4										1	16			1							5	6	6	4	Purple Finch				
2	67	18	85	69	24	20	35	40	49	49	42	5	18	21	16	4	10	15	12	41	47	24	22	12	12	30	52	9		10	6	House Finch					
						5																													Red Crossbill		
						280			10	2					27			4						5			4					9		Pine Siskin			
	2		12	1	7	6	4	6	6	7	2	3	20		7	20		6	25	2	4	11	2	14	6	15	3	14	26	72	18		Lesser Goldfinch				
20	1	35	31	6		5	36	17	12					1		1				4	13	4	16	8	7	2	2	3	6	4	1		American Goldfinch				
2		6	8		6	4	12	4	11	2	9	5	2	1		2	2	4					2	7		6	2		2	3		6		House Sparrow			
1573	4027	2554	3186	1952	2042	4079	4890	3242	4075	2661	3207	2003	2483	2731	1669	2221	1860	2466	1980	3229	2215	2358	2030	1551	1381	1338	1527	1801	1306	1615	1745		Individuals				
76	74	70	74	77	90	96	77	80	92	87	82	76	62	77	65	73	69	80	88	85	75	73	72	67	74	69	64	79	65	89	73		Species				
		1	1		1	1		1						1				1			1													Additional Forms			
																																			Intergrades		
76	93	101	107	113	121	125	129	130	137	137	137	140	140	141	143	143	143	145	148	148	151	152	153	153	154	155	157	157	158	159	159		Cumulative Species				
12	13	6	5	4	5	5	6	5	7	9	7	7	5	6	6	9	5	6	7	14	4	8	7		4	7	5	6	4	8	4		Observers in the field				
																																			Observers at feeders		
																																			2	Minimum number of parties	
1	1	1	2	1	2	1	2	2	2	3	2	2	2	2	2	2	2	3	2	3	2	2	4		3	3	3	3	2	4	2		Maximum number of parties				
10	8	12	14	8	12	11	7	10	10	19	16	13.5	8	8	10	12	11	14	12	14	10	16	22		12.5	12	14	17	9.5	20	6		Party hours on foot				
1	1	1	1	1	1	1	1	1	2	2	2	2	4	2	2	1	3	3	4	3	3	2	5		5	5	6	2	2	2	3		Party hours by car				
11	9	13	15	9	13	12	8	11	12	21	18	15.5	12	10	12	13	14	17	16	17	13	18	27		17.5	17	20	19	11.5	22	9		Total Party Hours				
5	9	5	21	3	9	3	2	2	1	10	10	8	5	5	3	2	10	3	5	5	6	12	10		13	64	54	8	8	20	6		Party miles on foot				
9	15	15	15	8	8	23	7	10	5	40	50	46	41	30	30	35	50	45	42	42	40	56	67		44	14	8	40	24	35	4		Party miles by car				
14	24	20	36	11	17	26	9	12	6	50	60	54	46	35	33	37	60	48	47	47	46	68	77		57	78	62	48	32	55	10		Total Party Miles				
																																			6	Feeder Hours	
	1				1		2	2	2	4	2					1	1	2	1	2	3	2	3												Nocturnal Hours		
							10	12	6	32	2						10	13	10	6	6	17													Nocturnal Miles		
																																				730	Starting Time
																																				1630	Ending Time

CW = species seen during count week but not count day