

2009 MARIN COUNTY (SOUTHERN) CHRISTMAS BIRD COUNT - ALL AREAS

Alpn	AudC	Bay	Blns	BonT	CMMr	Crnk	Frfx	Lksp	MVly	MVMr	MBch	MWds	Off	Phnx	RkSp	SRaf	Saus	Stin	Strw	Tenn	TLnd	Tib	Fdr	TOTAL	#	SPECIES
			3												1									4	2	Greater White-fronted Goose
			1																					1	1	Snow Goose
			39																					39	1	Brant (nigricans)
			23												3									26	2	Cackling Goose
			79		30			150		101				133		12	2		8		4	5		524	10	Canada Goose
				4																				4	1	Wood Duck
			88		20			2								20					8	2		140	6	Gadwall
			5	1		1																		7	3	Eurasian Wigeon
18		27	1362	97	137	56		16		48							142	30		18				1980	12	American Wigeon
2	1		56	51	72	4		85	60	20	2			40			107	15		26	16	192	83	832	17	Mallard
																			2					2	1	Blue-winged Teal
																								2	1	Cinnamon Teal
			41		32												38				22			138	5	Northern Shoveler
			655		15												11	3						728	5	Northern Pintail
			1545	2	131																			1698	4	American Green-winged Teal
					114			42						1		82			2		4	27		272	7	Canvasback
		2	8	120		1															1	4		136	6	Ring-necked Duck
31		339	163	3		5				877				1		390	554		342	2		2464		5171	12	Greater Scaup
			12													60	86		5			31		194	5	Lesser Scaup
		15			151			198								6			410		117	25		922	7	scaup sp.
																1								1	1	Harlequin Duck
		94	365			568					15		2393			5	16	24	4	5		59		3548	11	Surf Scoter
		30	1										13											44	3	White-winged Scoter
		319	235	4	60	7		50		109				6		142	113		385	1	4	510		1945	14	Bufflehead
		11	65	1	7	8		21		11						30	34		89		5	57		339	12	Common Goldeneye
		2	1			1																		6	4	Barrow's Goldeneye
			4	9				4								6						10		33	5	Hooded Merganser
6				28										1										35	3	Common Merganser
			11			3															1	14		29	4	Red-breasted Merganser
4		8	196	13	740			3		25						612	2		89		4	1178		2874	12	Ruddy Duck
4	19		34	10		29	36		3					32		35	24	3		20	3		16	268	14	California Quail
				3				2					2								4			11	4	Wild Turkey
		1	47			42							59						24	6	1	1		181	8	Red-throated Loon
			20										5								225			250	3	Pacific Loon
		4	35										2				3	7	6	2		24		83	8	Common Loon
													16											16	1	loon sp.
		1	7	11	1	2		4						8		6	2		2		1	8		53	12	Pied-billed Grebe
		1	36							2						2	6	1	35			14		97	8	Horned Grebe
													1					1						2	2	Red-necked Grebe
			10													1	1		3			62		77	5	Eared Grebe
		508	63		112	72		1		2	26		254	1		19	88	10	67	26	135			1384	15	Western Grebe
		5	5		4					3	1		2			16	3	1	35			93		168	11	Clark's Grebe
						1013				40			26			4		300	76	10	895			2364	8	Aechmophorus sp.
		42	85		7	60		3		2	51		21			12	5	35	3	27	93			6	1	American White Pelican
		3	44			4					10		31				8	7		8				446	14	Brown Pelican
		3	42	45	67	60	3	10		5			7			9	152	3	37		336			115	8	Brandt's Cormorant
		3	1			4					3		33			2		1		12	7			66	9	Pelagic Cormorant
																						55		55	1	cormorant sp.
		3	14	5	5	2		1		1	2					2	4	2	5		3	16		65	14	Great Blue Heron
	2		24	5	10	2		3		4				1		8	2	1	5	2	3	6		78	15	Great Egret
	1		34		86	5		12		35						11	3		22	2	10	15		236	12	Snowy Egret

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						1		1								1						2		5	4	Green Heron
		1	8					7		1						8	2							27	6	Black-crowned Night-Heron
25	23		97	21	11	2	34	2	3	8	15	9	2	5	1	20	14	22	17	8	3	31	8	381	23	Turkey Vulture
			3		1					1	1					1		1	1			1		10	8	Osprey
		1	5	1	1	2	4	1			1					5			2		1			24	11	White-tailed Kite
																	1							1	1	Bald Eagle
																	1							1	1	adult(s)
		1	5		2	2	1				2			2				1				1		17	9	Northern Harrier
		2	3					1								1					2	1	1	11	7	Sharp-shinned Hawk
					CW	1	2	1			1					2		1	1	1	1	1	1	13	11	Cooper's Hawk
									1															1	1	Accipiter sp.
		1	14	4		2	6	2		2	5	2		5		7	3	4	3		2	3	1	66	17	Red-shouldered Hawk
7	6		14	2	5	9	2	1	1	4	10	1		1	2	6	4	7	3	6	6	3		100	21	Red-tailed Hawk
2	4		9	5	1	8	2	1				2	4	4	4	3	1	9	1	4		2	1	67	19	American Kestrel
			3		1													1	2					7	4	Merlin
		1	3		1							2				2	1	2	2					14	8	Peregrine Falcon
					1			3								3								7	3	Clapper Rail
					1	2					3												1	7	4	Virginia Rail
	1			1												1							1	4	4	Sora
			6	8	124	4		35		132			9			207	3		341		35	77		981	12	American Coot
			175		14			2								22	4		77				7	301	7	Black-bellied Plover
					12					5						3	1		1					1	1	Snowy Plover
					43	5		15		8			8			6	16	7			4	16		21	4	Semipalmated Plover
	12		30	5	43	5		15		8			8			6	16	7			4	16		175	13	Killdeer
			4								10		11			6		3	2	4				40	7	Black Oystercatcher
					89			5		20						29	2		5		23	5		178	8	Black-necked Stilt
			475		252			5		19						40	9		2		6			808	8	American Avocet
1		2		1	4			1		2						5	1		9		1	9		36	11	Spotted Sandpiper
													2											2	1	Wandering Tattler
			11		7			3		10						1	9		4		25	4		74	9	Greater Yellowlegs
		2	160		380	1		7		175			6			17	27	5	130		101	38		1049	13	Willet
			9															4						13	2	Whimbrel
			199		20					7							1		3				1	231	6	Long-billed Curlew
			730		11			4		1						5		2	35			59		847	8	Marbled Godwit
			75									41	4			12	1	9	1			16		159	8	Black Turnstone
												7												7	1	Surfbird
			150																			96		246	2	Sanderling
			22																3			5		30	3	Western Sandpiper
			475		110			2		46						238	146		425			2		1444	8	Least Sandpiper
			350		135											41			25			500		1051	5	Dunlin
								2		30														32	2	sandpiper sp.
																						2		2	1	Short-billed Dowitcher
																					14	CW		14	1	Long-billed Dowitcher
			2		241																			243	2	dowitcher sp.
			7			1				5	6					2					1			22	6	Wilson's Snipe
			135							450			29				2	2				1		5	3	Heermann's Gull
			9	22		80	1	2	103	1	26	1				66	13	2	79	2	253	45	691	7	Mew Gull	
		1	14	116	1	20	18		17		17	11	72			29	104	11	80	14		114	639	16	Western Gull	
			13	246		80	7	5	6		153	2	34			33	7	8	382	2		176	1154	15	California Gull	
			6			1			2				18					3	1					31	6	Herring Gull
						2												1						3	2	Thayer's Gull

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			40	2		18					1	11					3	1	5	3	2		4	101	12	Glaucous-winged Gull	
														2			2	3						7	3	Glaucous-winged Gull X Western Gull	
	2						20	4	6								13	200		100		400		745	8	gull sp.	
			47														1		14					62	3	Forster's Tern	
											2										12			14	2	Common Murre	
											3								2		1			1	1	Pigeon Guillemot	
																								5	2	Marbled Murrelet	
				4	172		10	20	10	68						196	148		160	14	20	108		930	12	Rock Pigeon	
53	24		72	159			48	14	3					27	35	19	11	21				5	10	501	14	Band-tailed Pigeon	
			3																					3	1	Eurasian Collared-Dove	
			24		23	1	22	19	12		8	1				60			17	2	24	29	18	260	14	Mourning Dove	
	2			1		2										2					1	1		9	6	Barn Owl	
				9			4									3								18	5	Western Screech-Owl	
1			3	3	1	1	3				2	4				2	5	1		8		1		35	13	Great Horned Owl	
																			1					1	1	Northern Pygmy-Owl	
																			1					1	1	Spotted Owl	
																								CW	1	1	Long-eared Owl
			1																					1	1	Short-eared Owl	
																								5	1	Northern Saw-whet Owl	
						3					13	9			10	70					1			106	6	White-throated Swift	
12	14		96	14	17	14	19	30	17	10	28	7		9	2	68	48	92	18	2	5	60	8	590	22	Anna's Hummingbird	
			4	4							1			1		2	3	1	2			1		20	10	Belted Kingfisher	
5	1		3	43			26					3		45	10	24					2			169	11	Acorn Woodpecker	
	1		7	3			2	1	1		2	1				2								20	9	Red-breasted Sapsucker	
	1		10	5	1		10	4		1	1			15		21	4	2	3	3	3	10	2	96	17	Nuttall's Woodpecker	
			10	1			8				3			3	5	7	1	2	1	3	2	2	4	52	14	Downy Woodpecker	
2	8		6				1		3		1	2		2	5	2	2			1		5	2	42	14	Hairy Woodpecker	
17	13		32	50	8	11	14		6		11	5		35		24		5		4	3	11	11	260	17	Northern Flicker	
3						3	2	11				2				5	4	6	5	2		2		45	11	Northern (Red-shafted) Flicker	
2				2				1				1		3	2									11	6	Pileated Woodpecker	
3	7		43	4	8	4	10	4		12	8	3		5		26	5	12	8	7	5	25		199	19	Black Phoebe	
	1		3				1							1		3				1				10	6	Say's Phoebe	
		CW																						CW			Loggerhead Shrike
	3		11	1		1	2	4				5		2	1	3	1	2		4		2		42	14	Hutton's Vireo	
6	33		28	6	6	1	21	3	7	1	7	14		32	19	8	2	24	1	12	3	8	6	248	22	Steller's Jay	
18	37		83	27	40	20	30	17	18	14	20	11		36	7	61	21	19	31	14	9	54	11	598	22	Western Scrub-Jay	
14	8		255	88	250	5	116	177	23	50	42	40		34		173	79	48	84	31	48	83	45	1693	21	American Crow	
10	4		18	2	52	38	8	18	4	5	13	3		31	38	16	8	14	11	14	1	18		326	21	Common Raven	
											2													2	1	Tree Swallow	
34	16		63	24	1	6	51	48	28	6	33	25		64	95	37	14	25	3	14	4	23	6	620	22	Chestnut-backed Chickadee	
				31	3		21	13	2	2				19	1	41	2		2	4	11	3	7	162	15	Oak Titmouse	
18	22		140	84		6	73	14		14	11	38		13		168	24	61	45	6	10	86		833	18	Bushtit	
1			1	4			3	2	1			10												42	8	Red-breasted Nuthatch	
1	1			1			6							8		10					2			29	7	White-breasted Nuthatch	
12			102	2		13			21		18	29		3	20	33	12	21		6		4	6	302	15	Pygmy Nuthatch	
2	4		3	10			10	6	1		1	1		24	5	1	1	7		2				78	15	Brown Creeper	
																			1						1	1	Rock Wren
5	5		32	2		8	1	7	4	3	6	6		10	1	26	8	13	3	3	1	14	2	160	21	Bewick's Wren	
			2																1						3	2	House Wren
1	5		13	1			1	1				4		1	1		1	1		6		1		37	13	Winter Wren	
	3		18		1			2		2	1			1		6				6	1	1		42	11	Marsh Wren	
10	14		43	10		3	6	1			13			7	90	3	1	38		2		12		253	15	Golden-crowned Kinglet	

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26	53		88 1	38	9	15	24	28	4	6	11	20		30	24		48	23	47	10	30	2	24	560	21	Ruby-crowned Kinglet		
											1					1								3	3	Blue-gray Gnatcatcher		
		2	39	9		3	1				9			20	4	2	2	4	18				7	120	13	Western Bluebird		
11	14		67	53	1	7	32	34	5	5	22	4		2	42	53	21	64	10	4	1	12	5	469	22	Hermit Thrush		
118	124		1277	474	175	46	194	354	81	24	47	114		80	33	511	71	457	111	83	40	513	45	4972	22	American Robin		
3	1		3	62			6	10	2			1		18	10		1				1	1		119	13	Varied Thrush		
28	13		38	1		28	2	2	1		32	10		1	23	1	17	18	1	32				248	17	Wrentit		
	1		5		5		1		1	2	1					11		3	2			5	7	44	12	Northern Mockingbird		
	14		1120	2	213	39	20			34	80	8		40		88	159	55	4	12	14	65		1967	17	European Starling		
			4																					4	1	American Pipit		
			31	9			12		30	72						94	16					25	28	317	9	Cedar Waxwing		
			8														1	6						15	3	Orange-crowned Warbler		
			1																					1	1	Nashville Warbler		
1	7		72	53	37	20	56		1					9		87		11				17	48	1	420	14	Yellow-rumped Warbler	
			56	2		4	4	23		22	4	1			1	77	85	16	58			2	9		364	15	Yellow-rumped (Audubon's) Warbler	
			6				11									29		1							47	4	Yellow-rumped (Myrtle) Warbler	
14	28		75	7	1		14	6	1	1	5	2		2	41	8	9	33	1			1	8	1	258	20	Townsend's Warbler	
			1												1										2	2	Hermit Warbler	
	5		12		1	2										6		2	3			1	2		34	9	Common Yellowthroat	
12	26		77	13	5	23	14	12	2	3	26	17		12	6	20	32	42	1	1		18	7	369	21	Spotted Towhee		
5	8		71	20	21	12	19	14	8	7	9	13		9	2	59	18	25	23	22	5	33	7	410	22	California Towhee		
			1																						4	2	Rufous-crowned Sparrow	
					1																				1	1	Chipping Sparrow	
								6																	6	1	Lark Sparrow	
	1		22		2	1									2	7			1						36	7	Savannah Sparrow	
16	14		133	7		5	1	6	2		4	6			8	27	10	30		4		7	6	286	17	Fox Sparrow		
	35		154	7	120	14	1	11		12	38	18		10		44	18	32	12	33	5	6		570	18	Song Sparrow		
			11	2							2					5		6							27	6	Lincoln's Sparrow	
			1																		1				2	2	Swamp Sparrow	
			9						1							5							CW	15	3	White-throated Sparrow		
24	14	1	531	43	82	70	20	34	6	82	125	3		18		205	84	15	104	125	53	128	1	1768	22	White-crowned Sparrow		
11	44		401	128	144	38	48	17	6	12	39	16		20	3	145	46	120	9	75	27	122	25	1496	22	Golden-crowned Sparrow		
12	6		191	335	16	7	108	120	76	7	22	124		106	169	190	37	55	49	18	26	30	59	1763	22	Dark-eyed (Oregon) Junco		
																								2	2	1	Dark-eyed (Slate-colored) Junco	
			470		8	17	65									49	6	70	3			25	3	716	10	Red-winged Blackbird		
			52																						52	1	Tricolored Blackbird	
			80		21			4		12						24	4					1	2	148	8	Western Meadowlark		
			400		42	13	17			18				25		40	34	38	8			44	35	714	12	Brewer's Blackbird		
			1																		2				3	2	Brown-headed Cowbird	
			100																						100	1	blackbird sp.	
13	6		70	3	2	1			8		1					8	3	21				4	4	144	13	Purple Finch		
			191	15	55	13	48	84	10	13	18	19				178	18	54	37	4	6	48	46	857	18	House Finch		
			2																						2	1	Red Crossbill	
26			44	48							116							27		2					263	6	Pine Siskin	
	8		15	51	2		16	56	20	3	5			48	1	56		3			18		41	343	15	Lesser Goldfinch		
			147	4	60		81			1	3	3				45	18	87	13		1	1	3	467	14	American Goldfinch		
	6		72	2	10		20				1					3	2	10		12	6			144	11	House Sparrow		
650	739	1502	16396	2469	5059	2495	1478	2078	535	3052	1037	619	3054	1167	749	5886	2892	2317	4333	1053	1745	9226	421	70952		Individuals		
46	62	27	144	83	86	76	62	83	43	75	73	45	22	66	39	123	97	89	90	71	73	107	33	186		Species		
			1				1									1		1					1	2			Additional Forms	
													1			1	1							1	1			Hybrids
3	4	2	9	5	8	5	7	6	6	7	4	5	3	2	1	9	1	7	5	12	4	11		126	22	Observers in the field		

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																								2	5	7	3	Observers at feeders
2	1	1	5	1	2	1	1	3	1	1	1	1	1	1	1	1	4	1	3	1	2	1	3			39	23	Minimum number of parties
2	4	1	5	1	2	2	2	3	1	1	2	2	1	1	1	4	1	3	1	2	2	4			48	22	Maximum number of parties	
16	9.5		45	8	8.25	11		10	5	7.5	7	10		8.5	7.25	19.5	1	22.5	7	10	6	16			235	19	Party hours on foot	
	2		3	1	0.75	1	15	6	1	0.5	0.5	1		0.5	0.75	14.5	0.5	1	1	1	3	12			66	20	Party hours by car	
		6					1.5						5.5												13	3	Party hours by boat	
			9														7.5			2					18.5	3	Party hours by bicycle	
			1																						1	1	Party hours by kayak	
16	11.5	6	58	9	9	12	16.5	16	6	8	7.5	11	5.5	9	8	34	9	23.5	8	13	9	28			333.5		Total Party Hours	
13	7.5		30	6	6	10	10.5	2	3	7	3.5	6		12	6.5	15	2	5	4	16	6	8			179	20	Party miles on foot	
	15		20	2	8	2	16.75	34.5	5	10	1	30		3	6	41.75	5	10	20	1	4	25			260	20	Party miles by car	
		40											20													60	2	Party miles by boat
			16														8.5			16						40.5	3	Party miles by bicycle
			1																							1	1	Party miles by kayak
13	22.5	40	67	8	14	12	27.25	36.5	8	17	4.5	36	20	15	12.5	56.75	15.5	15	24	33	10	33			540.5		Total Party Miles	
												1														25.5	3	Feeder Hours
0.5	0.75		1	3	1	0.5	2				2	3.5			1.25	2	2	1		3		1.5			25	15	Nocturnal Hours	
0.25	5		1	2	2	0.5	3.5				8	1			10	16.75		3		3		5			61	14	Nocturnal Miles	
630	630	830	630	400	615	630	500	730	900	715	500	330	830	700	600	530	500	600	700	400	730	530			330	22	Starting Time	
1700	1530	1430	1700	1600	1630	1700	1600	1600	1600	1545	1600	1445	1400	1600	1515	1600	1600	1500	1600	1700	1530	1600			1700	22	Ending Time	