

MARIN COUNTY (SOUTHERN) CHRISTMAS BIRD COUNT - SAUSALITO

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	
1																														10	2	Snow Goose	
2																																	Canada Goose
2																																	goose sp.
10																														30	30	Gadwall	
8																														8	15	American Wigeon	
2																																	Mallard
1																																	Northern Shoveler
1																																	Northern Pintail
1																																	American Green-winged Teal
2																																	Canvasback
1																																	Redhead
1																																	Ring-necked Duck
1																																	Tufted Duck
1																																	Greater Scaup
1																																	Lesser Scaup
1																																	scaup sp.
1																																	Surf Scoter
1																																	White-winged Scoter
1																																	Long-tailed Duck
1																																	Bufflehead
1																																	Common Goldeneye
1																																	Barrow's Goldeneye
1																																	Hooded Merganser
1																																	Common Merganser
1																																	Red-breasted Merganser
1																																	Ruddy Duck
1																																	California Quail
1																																	Red-throated Loon
1																																	Pacific Loon
1																																	Common Loon
1																																	loon sp.
1																																	Pied-billed Grebe
1																																	Horned Grebe
1																																	Eared Grebe
1																																	Western Grebe
1																																	Clark's Grebe
1																																	Aechmophorus sp.
1																																	Brown Pelican
1																																	Brandt's Cormorant
1																																	Double-crested Cormorant
1																																	Pelagic Cormorant
1																																	cormorant sp.
1																																	Great Blue Heron
1																																	Great Egret
1																																	Snowy Egret
1																																	Black-crowned Night-Heron
1																																	Turkey Vulture
1																																	White-tailed Kite
1																																	Bald Eagle
1																																	adult(s)
1																																	Northern Harrier
1																																	Sharp-shinned Hawk
1																																	Cooper's Hawk
1																																	Accipiter sp.
1																																	Red-shouldered Hawk

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2883	7600	6851	15696	6752	5678	5471	2546	4686	5120	3834	4198	6905	3081	4263	3199	2866	3506	4168	4291	2057	2359	1877	1679	1761	1787	3418	2321	1371	1713	1249	2892	Individuals		
78	72	67	79	78	90	86	79	85	89	96	94	97	85	90	68	86	79	83	93	83	79	81	78	61	80	60	48	72	71	62	97	Species		
			1					1			1	1					1	1														1	Additional Forms	
											1				1							1											Hybrids	
																																	Intergrades	
78	86	90	95	101	106	111	114	117	118	121	124	127	127	130	130	131	132	132	135	136	137	138	138	139	139	140	141	142	143	144	146	Cumulative Species		
8	9	7	4	5	5	6	6	6	4	9	8	8	8	8	3	7	7	8	8	8	7	8	7		5	5	2	4	4	4	1	Observers in the field		
																																1	1	Minimum number of parties
1	1	2	1	2	2	2	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	Maximum number of parties	
4	11	13	8	10	14	16	14	15	14	15	15	19	18	17	10	16	18	18	22	22	23	21	20		20	14	5.5	7	7.5	7.25	1	Party hours on foot		
5	2	1	1	2	2	1	1	2	2	5	3	3.5	3	4	2	3	3	3	2	2	2	2	2		2	2	1.5	1.5	0.75	0.75	0.5	Party hours by car		
																																7.5	Party hours by bicycle	
9	13	14	9	12	16	17	15	17	16	20	18	22.5	21	21	12	19	21	21	24	24	25	23	22		22	16	7	8.5	8.25	8	9	Total Party Hours		
6	4	6	3	5	6	5	5	5	5	5	9	11	11	7	2.5	9	7	6.5	8	22	11	8	10		28	26	24	6	2.5	2.5	2	Party miles on foot		
26	31	22	18	30	40	31	35	35	3	29	29	53	56	42	32	18	28	28	32		23	15			7	7	2	25	25	12	5	Party miles by car		
																																8.5	Party miles by bicycle	
32	35	28	21	35	46	36	40	40	8	34	38	64	67	49	34.5	27	35	34.5	40	22	34	23	10		35	33	26	31	27.5	14.5	15.5	Total Party Miles		
	1											0.5																				2	Nocturnal Hours	
												1																						Nocturnal Miles
															800	730	800	800	800	800	800	730	800	730		730	730	700	730	745	800	500	Starting Time	
															1330	1600	1600	1600	1545	1600	1600	1600	1600	1530		1600	1510	1620	1615	1600	1600	1600	Ending Time	