









MARIN COUNTY (SOUTHERN) CHRISTMAS BIRD COUNT

1975	1976	1977	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		
54	383	75	41	108	54	55	83	107	194	62	66	143	105	90	104	88	124	20	40	11	82	83	49	63	133	70	134	124	117	53	181	306	240	343	HI	Lesser Goldfinch	
43	43	68	239	25	96	160	36	17	29	148	74	63	25	63	66	138	95	40	31	16	23	49	38	43	50	130	74	81	75	109	98	371	151	467		American Goldfinch	
				16	14																																
99	280	279	170	178	87	184	195	251	213	308	195	278	309	363	299	215	287	165	233	259	199	138	265	181	285	470	64	172	94	116	156	61	131	144	House Sparrow		

MARIN COUNTY (SOUTHERN) CHRISTMAS BIRD COUNT

1975	1976	1977	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			
196578	83289	133231	117456	118995	99155	135483	114632	97207	100521	80496	74890	80044	81511	122016	105560	87868	82233	83851	88150	87217	94728	81526	163917	85770	71951	89639	43311	70051	63124	53412	99345	77275	66333	70952	Individuals			
170	189	181	187	190	178	181	179	182	187	184	181	183	187	187	194	176	185	190	178	177	182	188	184	186	174	174	180	170	176	180	175	174	186	Species				
1	2	2	2	2	2	3	3	2	1	2	3	3	2	3	2	2	3	2	3	2	3	3	3	3	2	3	2	2	3	2	1	2	2	2	Additional Forms			
1	2				1	1	1		1		1	1	2	1	1	1	1	1	3	3	1	1	1	1	1	1	2	1	1	1	1	1	1	1	Hybrids			
1		1							1		1	1	1	1	1	1	1		1	1		1	1		1	1									Intergrades			
170	196	205	210	217	219	220	223	227	230	234	235	236	237	239	244	245	250	251	251	252	255	256	256	260	260	261	261	262	262	262	264	264	264	265	Cumulative Species			
132	156	136	166	149	144	127	126	115	112	126	112	114	132	157	148	106	133	111	114	130	123	156	147	122	133	130		125	119	91	142	117	113	126	Observers in the field			
15	12	13	1	3	10	5	8	6	5	2	4	3	3	2	8	10	9	5	6	6	7		6	5	5	5		8	6	12	4	10	8	7	Observers at feeders			
																																				Minimum number of parties		
33	33	31	27	23	33	35	42	36	37	42	40	40	50	54	44	44	46	41	41	44	51	46	57	49	52	48		41	47	42	45	41	42	48	Maximum number of parties			
237	237	207	210	169	244	211	283	251	244	249	271	254	316	314.8	272	241.8	237.5	243.3	216.3	260.5	264	255.8	320.5	260.8	265	315.2		272.6	222.3	197.8	290	227.3	255.8	235	Party hours on foot			
58	36	43	30	28	66	35	43	48	34	46	43	42	43	41.5	40.5	51.25	47.75	40.75	49	36.25	40.25	45.25	39.25	43.3	44.75	44.25		51.9	55.75	63.25	58.25	51.75	25.25	66	Party hours by car			
13	7	8	7	7	9	3	6	5	4	6	8	6	2	10.5	12.5	7.5	7.5	9	2.5	2.5		6.25	6.75	7	8.5		5	4		8.5	12.25	9	13	Party hours by boat				
																						1	1	1.5	9.5			6	1	3.5				10	18.5	Party hours by bicycle		
																																				1	Party hours by kayak	
308	280	258	247	204	319	249	332	304	282	301	322	302	361	366.8	325	300.55	294.25	293.05	267.8	299.25	304.25	308.3	367.5	312.6	327.75	359.45		329.5	288.05	262.05	360.25	291.3	300.05	333.5	Total Party Hours			
191	162	144	148	118	150	149	192	164	164	164	174	159	198	218.8	181	170.5	167.3	176.5	186.8	182.3	168.3	154.8	235.5	205.3	193.8	195.7		306.3	425.5	411.3	177.5	170.5	152.3	179	Party miles on foot			
319	242	231	188	223	311	311	339	428	320	332	279	265	349	408.5	383.5	461	384.5	331.3	349.3	269	373	343.5	355.2	372.5	413	349		199	135.5	139.2	279	279.3	261.5	260	Party miles by car			
52	46	39	22	34	31	19	40	20	20	35	48	30	16	61	56	25	52	56	6	6		48	49	60	48		64	20		46	67	39	60	Party miles by boat				
																																					1	Party miles by bicycle
																																					1	Party miles by kayak
																																					1	Party miles by golf cart
562	450	414	358	375	492	479	571	612	504	531	501	454	564	688.3	620.5	656.5	610.3	563.8	542.1	457.3	541.3	548.3	647.7	640.8	677.8	547.7		569.3	601	554.5	512	516.8	483.3	540.5	Total Party Miles			
57	60	78	8	20	44	14	19	13	26	18	9	16	18	5	23.5	33.5	16.25	3.25	5.75	9	23.25	4	28.5	23	24	10		12.5	25	22.5	14.5	33.5	40	25.5	Feeder Hours			
			15	16	13	9	19	16	10	16	19	17	15	17.75	18.5	9	17.5	12.75	11	20.25	15.75	10	15.75	20.5	28	16.75		25.75	18.25	8	16.5	13.75	22.25	25	Nocturnal Hours			
								50	18	39	75	63	46	40.3	45.5	21.5	35.25	22.5	18	42	49.5	36	25	76.75	100.7	36.8		37.25	41.6	9	29.5	29.25	57.5	61	Nocturnal Miles			
																		430	430	430	400	330	300	400	400	400	430		600	400	400	300	400	400	330	Starting Time		
																		1800	1830	1730	1730	1800	1800	1745	1800	1800	1700		1730	1730	1730	1730	1730	1915	1700	Ending Time		

CW = species seen during count week but not count day