

MARIN COUNTY (SOUTHERN) CHRISTMAS BIRD COUNT - BOLINAS LAGOON

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	2	1	1	3	5	1		1		4	10	6	2	2	10	1	8	5	6	7	6	8	1	13	6	1	3	10	3	5	White-tailed Kite				
																																	CW	Bald Eagle		
1			1	1		1	2	1	6	1	6	10	7	3	4	6	9	8	3	6	6	6	9	6	4	2		4	3	4	5	Northern Harrier				
1	2				1	1	1	3	1	3	2	3	5	2	3	1	4	5	2	3	3	2	1	3	1		2	1	2	4	3	Sharp-shinned Hawk				
1	3			1		1			1	3	1	3	1		2	1	2	1	2	4	1	1	3		2	2	2	4	4	1		Cooper's Hawk				
4	2	2	4	3	6	4	2	6	7	14	15	8	11	4	7	9	12	17	23	16	8	10	12	4	13	5	6	8	17	14	14	Red-shouldered Hawk				
3	10	2	3	7	8	8	4	10	9	7		19	9	7	9	14	12	18	26	18	13	19	4	6	8	11	7	12	13	12	14	Red-tailed Hawk				
											2																							Ferruginous Hawk		
2	12	7	8	3	2	10	5	10	9	10	9	9	9	6	8	11	10	15	15	12	8	6	17	5	5	6	3	13	5	9	9	Rough-legged Hawk				
1	1	1			1		1	1		1	1	3	1		3	2	1	1	4	2	2				1	1	3	2	4	3	3	American Kestrel				
					1	1	1	1		2	3	1	4	4	2	4	3	3	3	2	3	4	2	2	2	2	3	4	1				Merlin			
					1	1	1	1		2	3	1	4	4	2	4	3	3	3	2	3	4	2	2	2	2	3	4	1				Peregrine Falcon			
			4	2				3		1	1	2		2	1									4										Black Rail		
1																																		Clapper Rail		
1	10	1	1	1			3	3	8	3	3	3	2		5		8	5	6	2	4	1			1		4	7	1				Virginia Rail			
	3	1	1	2			1		1		1		2		2	1	1	1	1	3														Sora		
																																			Common Moorhen	
120	125	75	120	150	19	285	130	285	170	49	40	40	45	16	35	195	316	550	331	1134	645	503	417	186	117	31	63	950	195	9	6	American Coot				
67	325	300	320	305	310	14	133	45	162	374	551	325	690	92	370	476	145	40	450	533	107	198	36	67	202	244	15	29	6	6	175	Black-bellied Plover				
																																			Pacific Golden-Plover	
20	31	8		10	14	6	16	17	17		22		6		6					5		1				16	25						Snowy Plover			
1									1	13	14	8								18	3				2			2	8	7			Semipalmated Plover			
72	45	8	70	39	16	22	62	137	49	126	38	520	35	18	14	23	35	39	73	244	125	41	34	6	71	12	17	30	134	20	30	Killdeer				
																																			Black Oystercatcher	
																																			Black-necked Stilt	
188	100	75	41	100	100	115	101	41	68	116	205	350	328	300	305	491	151	548	990	1087	693	539	156	265	417	754	388	334	484	1549	475	American Avocet				
1	1	2	2	2			2	2	1	4	2	2	2	1	2	1	1																	Spotted Sandpiper		
																																			Wandering Tattler	
9	13	3	6	12	10	2	8	10	10	19	20	18	31	8	16	1	24	5	16	14	5	10	32	3	14	27	6	11	1	13	11	Greater Yellowlegs				
239	325	300	225	500	260	296	284	366	422	212	564	833	857	357	85	365	409	371	151	317	128	51	264	11	410	164	298	374	95	86	160	Willet				
1	1																																	Lesser Yellowlegs		
1	2	4		2		1	11	3	2	5	4	17	9	5	11	19	8	15	15	13	2	11	28	2	23	17	2	5	15			9	Whimbrel			
24	40	45	35	35	12	1	45	38	36	70	44	68	71	47	60	187	83	67	43	26	47	65	50	35	128	447	91	54	60	12	199	Long-billed Curlew				
231	300	325	340	400	251	236	344	323	330	440	478	758	1200	310	150	436	373	27	433	245	111	158	313	339	833	1043	549	304	225	51	730	Marbled Godwit				
																																			Ruddy Turnstone	
6	15	25	30	30	20	15	105	50	10	160	178	173	100	60	120	160	160	230	44	85	100	62	105		69	10	3	2	51	8	75	Black Turnstone				
																																			Surfbird	
																																			Red Knot	
33	32	100	25	20	44	40	86	185	122	96	485	161	56	180	55		405	50	38	487	130	25	2	20	15	365	52	44	15	198	150	Sanderling				
30	125	100	36	2	300	10	33	63	242	179	899	976	300	470	120	500	540	4	1	215	3			125	3	120	15	100				22	Western Sandpiper			
325	380	500		15	100	160	688	995	607	1293	1939	2252	551	235	553	500	320	35	105	206	271			360		69	250	200	152	40	379	475	Least Sandpiper			
1471	1900	2000		1500	120	245	1202	2216	2092	2489	3567	5645	3940	2117	2510	1500	540	640	1005	1472	530			285	6	10	850	5	560	3	350	Dunlin				
																																			sandpiper sp.	
																																			Short-billed Dowitcher	
80	60	90	56		70	40	1	161	166	60	95	10	166	66	5	3	1			54		18	42	45	28		38	15	1	6			Long-billed Dowitcher			
	40							177			85					35	15				69	29	52	80		61	19		115				dowitcher sp.			
16	25	31	12	60	1	12	2	10	1	32	19	5	6	6	3		2	13	4	1	1	1	1		5		39	10	1	7			Wilson's Snipe			
																																			Red Phalarope	
																																				Black-legged Kittiwake
																																				Bonaparte's Gull
8	6	37	4	9	2	1	1	3	3	29	11	55	23	2	10	1	3	12	5	6				2	1	21							Heermann's Gull			
																																				Mew Gull
511	308	125	40	70	267	75	286	131	809	821	500	729	582	480	230	1400	451	1061	1069	956	609	478	141	12	997	184	55	300	401	57	135			Ring-billed Gull		
10	25	40	75	13	27	25	146	86	214	144	68	315	180	27	17	135	490	43	44	49	10	43	93	8	104	71	2	25	281	35	22			Western Gull		
123	20	30	100	60	26	45	51	104	380	241	138	543	230	160	115	543	560	774	220	316	34	309	164	109	153	434	32	236	64	55	116			California Gull		
45	15	10	35	800	75	447	522	253	10	713	433	138	200	205	252	415	361	985	4162	235	464	80	383	243	270	477	175	132	165	292	246			Herring Gull		
9	50	28	25	85	4	13	6	9	17	38	5	113	260	41	3	265	156	68	186	52	6	16	16	10	64	126		2	5	4	6			Thayer's Gull		
1	2		1		2			2	2	3		1	2	6	1	14	6	2	30	18	1			3			4	1		1	1			Glaucous-winged Gull		
9	30	11	50	25	20	63	49	175	45	414	98	571	552	21																						

