

TABLE 1																													
Mount Lorette, Alberta, spring 2017																													
March 01-April 22 (51 days, 584.2 hours)																													
#	Date	HRS	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ML	GY	PG	PR	UA	UB	UE	UF	UU	TOTAL	Principal Observer(s)	Assistant(s)	
1	2016-03-01	7.5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	JDu	CL
2	2016-03-02	10	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	JDa	RR
3	2016-03-03	8.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BWe	DP
	2016-03-04	NO OBSERVATION (WEATHER)																									0	JDa	
4	2016-03-05	11.75	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	BWi	LA
5	2016-03-06	10.67	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5	GH	DP
6	2016-03-07	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BmB	FB
7	2016-03-08	9	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	JDu	CL
8	2016-03-09	7.83	0	0	11	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	17	JDa	RR
9	2016-03-10	9.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BWe	HU
10	2016-03-11	9	0	0	17	0	0	0	0	0	0	0	0	3	68	0	1	0	0	0	0	0	1	4	0	0	94	JDa	RM
11	2016-03-12	13.67	0	0	11	0	0	0	0	0	0	1	0	0	92	0	0	0	0	0	0	0	0	0	0	0	104	BWi	LA
12	2016-03-13	11.58	0	0	13	0	0	0	0	0	0	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	89	GH	DP,MW
13	2016-03-14	10.5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	BmB	FB
14	2016-03-15	11	0	0	2	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	4	0	0	35	BWe	CL
15	2016-03-16	12.5	0	0	3	0	1	0	0	0	0	1	0	7	52	0	0	0	0	0	0	0	0	0	0	0	64	CHa	RR
16	2016-03-17	10.5	0	0	4	0	0	0	0	0	0	0	0	5	224	0	0	0	0	0	0	0	0	1	0	234	TW	DS,PkF &PtF	
17	2016-03-18	8	0	0	7	0	0	0	0	0	0	0	0	2	54	0	0	1	0	0	0	0	0	0	0	0	64	JDa	RM
18	2016-03-19	13.75	0	0	23	0	1	0	0	0	0	0	0	0	363	0	0	0	0	0	0	0	0	0	0	0	387	BWi	LA
19	2016-03-20	12	0	0	3	0	0	0	1	0	0	1	0	2	323	0	0	0	0	0	0	0	1	0	0	331	JDa	CHu	
20	2016-03-21	12	0	0	1	0	0	0	1	0	0	0	0	0	8	0	1	0	0	0	0	0	0	0	0	0	11	BmB	FB
21	2016-03-22	10.25	0	0	3	0	0	0	0	0	0	0	0	0	79	0	0	0	0	0	0	0	0	0	0	0	82	JDu	CL
22	2016-03-23	12.75	0	0	3	0	0	0	2	0	0	0	0	1	80	0	0	0	0	0	0	0	1	0	0	1	88	BWe	CL
23	2016-03-24	13.58	0	0	11	0	0	0	0	0	0	0	0	0	257	0	0	0	0	0	0	0	0	0	0	0	268	BWi	PkF
24	2016-03-25	12.5	0	0	7	0	0	0	1	0	0	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	63	JDa	CHu, CHa
25	2016-03-26	13	0	0	9	1	0	0	1	0	0	0	0	0	82	0	0	0	0	0	0	0	0	0	0	0	93	BWe	LA
26	2016-03-27	12	0	0	8	0	0	0	3	0	0	4	0	0	51	0	0	0	1	0	0	0	0	0	0	0	67	JDa	AH
27	2016-03-28	12.25	0	0	2	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	1	0	0	0	11	BmB	AH
28	2016-03-29	12	0	0	0	0	0	0	1	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	26	JDu	CL
29	2016-03-30	7.33	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4	BWe	RR
30	2016-03-31	13.08	0	0	7	0	0	0	0	0	0	3	0	0	69	0	0	0	0	0	0	0	0	0	0	0	79	BWe	PkF
	March	327.66	0	0	151	1	2	0	10	0	0	10	0	21	2014	0	2	1	1	0	0	3	9	1	1	2227			
31	2016-04-01	12	0	0	5	0	1	0	3	3	0	8	0	0	7	0	0	0	1	1	0	0	2	0	0	31	JDa	CHu	
32	2016-04-02	12.92	0	0	12	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	29	BWi	LA
33	2016-04-03	12.5	0	0	3	0	0	0	0	0	0	1	0	0	10	0	0	0	0	0	0	0	0	0	0	0	14	GH	PkF
34	2016-04-04	12.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BmB	FB
35	2016-04-05	12.5	0	0	0	0	0	1	0	0	0	0	0	0	9	0	0	0	1	0	0	0	1	0	0	12	JDu	CL	
36	2016-04-06	13.5	0	0	0	0	1	0	0	0	0	1	0	0	26	0	0	0	0	0	0	0	0	0	0	0	28	BWe	RR
37	2016-04-07	12.75	0	0	0	0	1	0	1	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	7	GH	DS

TABLE 2																										
MOUNT LORETTE, SPRING COUNTS 1992-2017																										
YEAR	DAYS	HRS	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ML	GY	PG	PR	UA	UB	UE	UF	UU	TOTAL
1992	8	53	0	0	20	0	0	7	4	0	0	4	0	0	389	0	0	2	0	1	0	0	0	0	0	427
1993	48	392.66	1	5	169	4	39	19	54	0	0	34	0	4	4140	0	9	0	3	4	0	1	0	3	0	4489
1994	70	648.72	0	7	229	12	62	23	44	2	0	50	1	22	4213	2	2	3	0	14	2	1	0	0	0	4689
1995	65	581.96	0	10	176	9	73	11	46	1	0	43	2	25	4143	5	17	1	6	6	0	0	0	0	0	4574
1996	80	728.28	0	12	266	13	106	20	25	3	3	23	0	15	3671	7	8	1	4	4	3	2	0	0	0	4186
1997	75	680.55	1	7	224	7	53	12	21	1	0	35	0	15	2461	9	9	1	1	3	2	4	0	4	0	2870
1998	72	650.43	0	8	164	16	40	10	9	2	1	34	0	30	3613	6	7	1	1	2	1	4	0	2	0	3951
1999	90	907.03	1	8	210	17	155	44	14	5	2	82	1	18	2817	16	8	0	1	4	2	1	0	0	3	3409
2000	85	933.36	1	21	237	14	74	21	11	0	2	30	1	26	3436	13	11	1	1	2	0	4	3	0	8	3917
2001	90	1037.2	0	6	276	9	56	18	32	4	0	50	2	26	3525	6	12	3	4	0	5	2	4	0	2	4042
2002	82	914.09	0	12	265	7	77	8	33	0	0	32	0	21	3518	8	11	4	2	2	3	1	1	2	5	4012
2003	86	939.17	2	6	209	12	39	9	12	4	0	34	1	17	2591	7	9	2	2	0	5	2	1	0	6	2970
2004	86	1068.3	0	7	200	8	58	12	23	0	0	39	0	11	2539	2	8	0	3	3	1	1	2	2	6	2925
2005	94	1237.9	1	28	235	10	82	25	57	2	1	28	2	28	2667	9	10	3	3	2	3	3	6	1	7	3213
2006	93	1213.6	2	11	234	7	61	18	27	1	1	28	0	26	2918	4	16	1	2	0	9	3	8	0	3	3380
2007	83	1018.9	4	8	212	6	62	18	27	1	1	70	0	17	2141	9	20	3	2	5	8	0	0	1	6	2621
2008	44	493.34	0	0	86	1	1	1	2	0	0	3	0	1	1171	0	2	0	1	0	3	2	3	2	3	1282
2009	40	450	0	0	76	0	6	5	7	0	0	6	0	3	882	0	1	0	0	1	4	1	5	1	1	999
2010	46	518.99	0	0	88	1	1	0	21	0	0	14	0	7	1160	0	1	1	0	1	1	2	13	0	1	1312
2011	48	556.07	1	1	192	5	41	8	17	0	0	45	0	40	2982	1	4	1	2	2	1	6	13	0	0	3362
2012	48	495.4	0	1	91	2	25	6	16	0	0	52	0	7	1034	2	5	1	3	1	7	3	4	0	0	1260
2013	49	537.41	1	0	104	2	17	1	13	0	0	18	0	27	2389	0	7	0	1	1	10	10	4	1	1	2607
2014	49	526.3	0	3	106	2	15	5	11	0	0	24	0	18	2219	2	3	0	2	1	3	3	7	2	0	2426
2015	52	604.16	0	1	129	6	18	6	20	1	0	39	0	29	2459	0	9	1	2	1	2	2	15	2	3	2745
2016	52	635.02	2	2	155	11	17	5	35	0	0	37	0	39	2542	0	2	1	2	2	2	1	6	2	3	2866
2017	51	584.24	0	0	216	5	16	9	27	3	2	70	0	23	2256	4	11	3	4	1	0	5	13	2	2	2672
TOTALS	1678	18353	17	164	4569	186	1194	321	608	30	13	924	10	495	67876	112	202	34	52	63	77	64	108	27	60	77206

TABLE 3B																											
SPRING SUMMARY TOTALS, MOUNT LORETTE 1993-2017 (excluding 2008-2010 and 2012)																											
YEAR	DAYS	HRS	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ML	GY	PG	PR	UA	UB	UE	UF	UU	TOTAL	
1993	43	369.4	1	3	167	3	37	19	51	0	0	31	0	4	4124	0	8	0	3	4	0	1	0	3	0	4459	
1994	52	495.9	0	4	218	10	45	18	41	1	0	36	1	20	4142	0	1	3	0	11	2	1	0	0	0	4554	
1995	46	459.6	0	4	164	1	31	6	44	0	0	32	2	18	4108	1	11	0	3	6	0	0	0	0	0	4431	
1996	50	492.5	0	4	238	8	28	4	20	1	0	18	0	11	3543	0	5	0	1	3	3	1	0	0	0	3888	
1997	48	460.3	0	2	212	4	16	5	16	0	0	21	0	12	2352	2	7	1	0	2	2	1	0	1	0	2656	
1998	52	458.5	0	0	149	6	20	4	7	0	0	21	0	29	3466	0	7	1	1	2	0	1	0	2	0	3716	
1999	50	529.4	0	0	184	10	9	6	9	0	0	46	0	15	2565	1	6	0	0	2	1	1	0	0	1	2856	
2000	48	554.6	0	1	204	5	28	7	9	0	0	14	0	24	3219	5	5	1	0	1	0	3	3	0	4	3533	
2001	50	586.8	0	1	237	4	29	7	25	0	0	30	1	21	3265	2	8	3	1	0	0	0	4	0	2	3640	
2002	52	587.6	0	1	240	4	32	5	25	0	0	25	0	9	3405	2	7	3	0	1	3	1	0	2	5	3770	
2003	49	569.8	0	1	184	5	10	4	12	0	0	24	0	14	2558	1	5	2	0	0	5	1	1	0	3	2830	
2004	51	646.9	0	6	173	1	24	7	20	0	0	32	0	11	2465	1	8	0	3	2	0	1	2	2	4	2762	
2005	53	697.4	0	1	182	2	16	2	44	0	0	15	0	8	2594	0	6	3	0	0	1	1	6	0	4	2885	
2006	53	694.3	0	2	190	4	31	10	22	0	0	18	0	24	2826	0	12	1	1	0	5	3	8	0	3	3160	
2007	50	622.6	0	1	189	3	32	6	19	0	0	45	0	14	2051	1	13	3	1	2	1	0	0	0	3	2384	
2008																											
2009																											
2010																											
2011	48	556.1	1	1	192	5	41	8	17	0	0	45	0	40	2982	1	4	1	2	2	1	6	13	0	0	3362	
2012																											
2013	49	537.41	1	0	104	2	17	1	13	0	0	18	0	27	2389	0	7	0	1	1	10	10	4	1	1	2607	
2014	48	526.25	0	3	106	2	15	5	11	0	0	24	0	18	2219	2	3	0	2	1	3	3	7	2	0	2426	
2015	52	604.16	0	1	129	6	18	6	20	1	0	39	0	29	2459	0	9	1	2	1	2	2	15	2	3	2745	
2016	52	635.02	2	2	155	11	17	5	35	0	0	37	0	39	2542	0	2	1	2	2	2	1	6	2	3	2866	
2017	51	584.24	0	0	216	5	16	9	27	3	2	70	0	23	2256	4	11	3	4	1	0	5	13	2	2	2672	
T 93-17	1047	11669	5	38	3833	101	512	144	487	6	2	641	4	410	61530	23	145	27	27	44	41	43	82	19	38	68202	
Av 93-16	49.8	554.2	0.3	1.9	180.9	4.8	24.8	6.8	23.0	0.2	0.0	28.6	0.2	19.4	2963.7	1.0	6.7	1.2	1.2	2.2	2.1	1.9	3.5	0.9	1.8	3276.5	
17 cf Av	2.4	5.4			19.4	4.2	-35.5	33.3	17.4	1900.0		145.2		18.9	-23.9	321.1	64.2	150.0	247.8	-53.5		163.2	276.8	135.3	11.1	-18.4	

TABLE 4B																											
MARCH SUMMARY TOTALS, MOUNT LORETTE 1993-2016 (excluding 2008-2010 and 2012)																											
	days	hrs.	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ME	GY	PG	PR	UA	UB	UE	UF	UU	T	
1993	23	180	0	0	107	2	7	2	20	0	0	7	0	2	3176	0	4	0	1	0	0	1	0	1	0	3330	
1994	30	281	0	0	154	2	1	3	21	0	0	7	0	0	3356	0	1	2	0	7	0	0	0	0	0	3554	
1995	28	264.7	0	0	92	1	1	1	34	0	0	5	0	7	3618	0	4	0	0	2	0	0	0	0	0	3765	
1996	29	254.6	0	0	110	1	3	1	11	0	0	1	0	3	2370	0	1	0	0	2	0	0	0	0	0	2503	
1997	26	250.5	0	0	109	0	1	0	5	0	0	4	0	1	2118	0	2	1	0	1	0	0	0	0	0	2242	
1998	30	255.5	0	0	79	1	3	0	2	0	0	1	0	3	2895	0	3	1	0	1	0	0	0	0	0	2989	
1999	29	305.6	0	0	124	1	2	4	6	0	0	2	0	1	2320	0	3	0	0	1	0	0	0	0	1	2465	
2000	27	305.6	0	0	141	0	0	0	4	0	0	5	0	1	2751	0	0	0	0	1	0	1	2	0	1	2907	
2001	31	363.7	0	0	137	0	0	1	8	0	0	3	0	1	2694	0	5	2	0	0	0	0	3	0	1	2855	
2002	30	310.3	0	0	119	0	0	0	6	0	0	2	0	0	1950	0	3	1	0	0	0	0	0	1	1	2083	
2003	28	311.4	0	0	118	0	2	0	6	0	0	1	0	4	2055	0	2	0	0	0	1	0	0	0	0	2189	
2004	30	369.7	0	0	126	0	2	0	12	0	0	12	0	6	2300	0	1	0	1	1	0	0	1	1	2	2465	
2005	31	387.8	0	0	121	0	4	1	26	0	0	3	0	1	2319	0	3	3	0	0	0	0	5	0	1	2487	
2006	31	393.9	0	0	101	1	1	0	9	0	0	8	0	2	2544	0	2	1	0	0	0	0	1	0	0	2670	
2007	31	385.3	0	0	91	0	0	0	6	0	0	8	0	1	1782	0	1	2	0	1	0	0	0	0	1	1893	
2008																										0	
2009																										0	
2010																										0	
2011	27	305.4	1	0	124	2	5	1	9	0	0	2	0	9	2564	0	0	1	1	1	0	4	10	0	0	2734	
2012																											
2013	29	308.8	1	0	74	0	9	0	10	0	0	8	0	4	2216	0	3	0	1	0	8	7	4	1	0	2346	
2014	28	290.8	0	0	52	0	0	0	2	0	0	4	0	2	1468	0	2	0	0	0	0	0	3	0	0	1533	
2015	30	344.7	0	0	98	1	5	1	10	0	0	2	0	19	2294	0	6	0	1	0	1	1	12	2	2	2455	
2016	30	348.9	0	0	100	3	4	0	20	0	0	3	0	19	2339	0	2	1	1	1	0	0	4	1	2	2500	
2017	30	327.7	0	0	151	1	2	0	10	0	0	10	0	21	2014	0	2	1	1	0	0	3	9	1	1	2227	
TOTAL	608	6546	2	0	2328	16	52	15	237	0	0	98	0	107	51143	0	50	16	7	19	10	17	54	8	13	54192	
Av 93-16	28.9	310.9	0.1	0.0	108.9	0.8	2.5	0.8	11.4	0.0	0.0	4.4	0.0	4.3	2456.5	0.0	2.4	0.8	0.3	1.0	0.5	0.7	2.3	0.4	0.6	2598.3	
17 cf Av	3.8	5.4			38.7	33.3	-20.0		-11.9			127.3		388.4	-18.0		-16.7	33.3	233.3			328.6	300.0	185.7	66.7	-14.3	

TABLE 5B																											
APRIL 1-22 SUMMARY TOTALS, MOUNT LORETTE 1993-2017, (excluding 2008-2010 and 2012)																											
	days	hrs.	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ME	GY	PG	PR	UA	UB	UE	UF	UU	T	
1993	21	189.5	1	3	60	1	30	17	31	0	0	24	0	2	948	0	4	0	2	4	0	0	0	2	0	1129	
1994	22	215	0	4	64	8	44	15	20	1	0	29	1	20	786	0	0	1	0	4	2	1	0	0	0	1000	
1995	20	194.9	0	4	72	0	30	5	10	0	0	27	2	11	490	1	7	0	3	4	0	0	0	0	0	666	
1996	22	237.9	0	4	128	7	25	3	9	1	0	17	0	8	1173	0	4	0	1	1	3	1	0	0	0	1385	
1997	22	209.8	0	2	103	4	15	5	11	0	0	17	0	11	234	2	5	0	0	1	2	1	0	1	0	414	
1998	22	203	0	0	70	5	17	4	5	0	0	20	0	25	571	0	4	0	1	1	0	1	0	2	0	726	
1999	21	223.8	0	0	60	9	7	2	3	0	0	44	0	14	245	1	3	0	0	1	1	1	0	0	0	391	
2000	21	249	0	1	63	5	28	7	5	0	0	9	0	23	468	5	5	1	0	0	0	2	1	0	3	626	
2001	19	223.1	0	1	100	4	29	6	17	0	0	27	1	20	571	2	3	1	1	0	0	0	1	0	1	785	
2002	22	277.3	0	1	121	4	32	5	19	0	0	23	0	9	1455	2	4	2	0	1	3	1	0	1	4	1687	
2003	21	258.4	0	1	66	5	8	4	6	0	0	23	0	10	503	1	3	2	0	0	4	1	1	0	3	641	
2004	21	277.2	0	6	47	1	22	7	8	0	0	20	0	5	165	1	7	0	2	1	0	1	1	1	2	297	
2005	22	309.6	0	1	61	2	12	1	18	0	0	12	0	7	275	0	3	0	0	0	1	1	1	0	3	398	
2006	22	300.4	0	2	89	3	30	10	13	0	0	10	0	22	282	0	10	0	1	0	5	3	7	0	3	490	
2007	19	237.3	0	1	98	3	32	6	13	0	0	37	0	13	269	1	12	1	1	1	1	0	0	0	2	491	
2008																											
2009																											
2010																											
2011	21	250.7	0	1	68	3	36	7	8	0	0	43	0	31	428	1	4	0	1	1	1	2	3	0	0	638	
2012																											
2013	20	226.7	0	0	30	2	8	1	3	0	0	10	0	23	173	0	4	0	0	1	2	3	0	0	1	261	
2014	21	235.4	0	3	54	2	15	5	9	0	0	20	0	16	751	2	1	0	2	1	3	3	4	2	0	893	
2015	22	259.5	0	1	31	5	13	5	10	1	0	37	0	10	165	0	3	1	1	1	1	1	3	0	1	290	
2016	22	286.2	2	2	55	8	13	5	15	0	0	34	0	20	203	0	0	0	1	1	2	1	2	1	1	366	
2017	21	256.6	0	0	65	4	14	9	17	3	2	60	0	2	242	4	9	2	3	1	0	2	4	1	1	445	
TOTAL	444	5121	3	38	1505	85	460	129	250	6	2	543	4	302	10397	23	95	11	20	25	31	26	28	11	25	14019	
Av 93-16	21.2	243.2	0.15	1.9	72	4.05	22.3	6	11.7	0.15	0	24.2	0.2	15	507.75	0.95	4.3	0.45	0.85	1.2	1.55	1.2	1.2	0.5	1.2	678.7	
17 cf Av	-0.71	5.493			-9.72	-1.23	-37.2	50	45.9	1900		148		-86.7	-52.339	321	109	344	253	-16.7		66.7	233	100	-16.7	-34.43	

TABLE 6														
MOUNT LORETTE, SPRING 2017														
SUMMARY WEATHER														
												% TIME		
												RIDGES		#
												OBSCURED		migrant
Day #		TEMP		RIDGE	WIND	CLOUD			PRECIPITATION & NOTES	OBSCURED		#		
		Max	Min	Direction	Velocity	Max%	Min%	type		East	West		raptors	
1	Mar	1	-3	-6	SW	M	90	70	Cu, As,Sc	light snow 1230-1300 and after 1630	5	20	1	
2	Mar	2	2	-2	SW-WSW	M	100	70	St,Cu	snow to W		40	3	
3	Mar	3	1	0	SW	VS-S	100	10	St,Cu	light snow 0900-1000, snow after 1200, heavy 1610	40	60	0	
	Mar	4	NO OBSERVATION				100	100	low St	snow all day 25cm fesh and 20cm fell during day	100	100	no	
4	Mar	5	-8	-16	NNE	L-M	100	80	St	30 cm fresh snow. Light to mod. Snow after 1030	60	80	4	
5	Mar	6	-7	-19	SW	S	100	20	Cu,St	snow after 1630	10	50	5	
6	Mar	7	-6	-25	W	M	60	10	Cu,St				0	
7	Mar	8	-13	-17	SW-W	M-S	100	20	St,Cu	light snow to 0900 and after 1330	60	90	2	
8	Mar	9	-14	-26	E	L	100	10	Cu,As,Cs	snow after 1500	20	30	17	
9	Mar	10	-14	-20	W	M-S	100	80	St	mod. snow to 1300 (4 cm), then light for rest of day	90	90	0	
10	Mar	11	-11	-25	W	M	100	50	Cu,As	snow after 1545	10	30	94	
11	Mar	12	-3	-17	SW	M	100	60	Cu,St	6 cm fresh snow. Occ. Light flurries all day		5	104	
12	Mar	13	6	0	SW	M	100	50	As,Cu	occ. light flurries to 1700		30	89	
13	Mar	14	8	-1	SW	M	100	40	Cu.St.As	light rain 1300-1330	10	10	1	
14	Mar	15	5	1	S-SW	L-M-S	100	50	St	light rain to 1300	60	60	35	
15	Mar	16	4	-2	W	M-S	100	10	St,Cu	heavy snow to 1000, then light to 1300	50	60	64	
16	Mar	17	4	-5	SW	M-S	90	20	Ci,Cs,Cc				234	
17	Mar	18	7	1	SW	L	(100)	(100)	St	rain all day at HM 100% obsc; clear at Lusk	(100)	(100)	64	
18	Mar	19	0	-2	SW	M-S	100	50	St,Cu			20	387	
19	Mar	20	1	-13	ENE	L-M	20	0	Cu,Ci				331	
20	Mar	21	4	-5	SW	M	100	90	St,As,Cu	light snow to 0930	10	20	11	
21	Mar	22	8	5	SW	S	100	30	Cu, Sc, As	occ. light rain to 1100		30	82	
22	Mar	23	3	1	SW	M-S	90	40	St,Cu,Ac	periods of snow to 1700	50	60	88	
23	Mar	24	7	-2	SW	M	100	70	As,Cu,Ci			5	268	
24	Mar	25	6	-1	SW	M-VS	100	50	Cu,St	moderate snow to 1300, then light to 1715	60	80	63	
25	Mar	26	6	-2	SW	M-S	80	20	Cu,Ac				93	
26	Mar	27	7	0	W	L-M	100	30	Cu,Sc,				67	
27	Mar	28	7	0	WSW	M	100	60	Sc,Cu,As			10	11	
28	Mar	29	7	2	SW	M	100	50	As, Sc,Cu		5	30	26	
29	Mar	30	5	0	SW	M	100	70	Cu,Ac,St	snow to 0800; snow after 1230, heavy after 1400	30	30	4	
30	Mar	31	9	-2	SW	M	90	10	Cu,Ac,As,Ci				79	
31	Apr	1	9	3	SW	S	100	30	St,Cu	steady rain after 1500, dry at Lusk Creek	50	100	31	

TABLE 7		MOUNT LORETTE: GOLDEN EAGLE: PASSAGE BY HOUR, SPRING 2017																
	MDT	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	n	T	
	MST	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20			
MAR	1	-	-	-	0	0	0	0	0	0	1	0	W	w	w	1	1	
	2	-	0	0	0	0	0	0	0	0	1	0	0	-	-	1	2	
	3	-	0	0	0	0	0	W	W	W	W	W	w	w	w	0	2	
	4	w	w	W	W	W	W	w	w	w	w	w	w	w	w	0	2	
	5	0	0	0	0	W	W	W	2	W	W	W	W	W	w	2	4	
	6	-	0	0	1	0	0	2	0	2	0	W	W	w	w	5	9	
	7	-	0	0	0	0	0	0	0	0	0	0	0	-	-	0	9	
	8	w	w	W	W	W	2	(W)	(W)	(W)	(W)	(W)	(w)	(w)	(w)	2	11	
	9	-	(W)	(W)	0	0	0	0	2	3	W	w	w	w	w	5	16	
	10	w	W	W	W	W	W	W	(W)	W	W	W	w	w	w	0	16	
	11	-	0	0	0	0	0	6	10	11	35	6	W	w	w	68	84	
	MST	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20			
	MDT	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21			
	12	-	0	1	2	0	11	29	18	20	5	5	1	0	0	92	176	
	13	0	1	1	13	25	12	8	7	4	1	4	0	0	-	76	252	
	14	0	0	0	0	0	0	W	0	0	0	0	(W)	-	-	0	252	
	15	W	W	W	1	6	6	W	2	5	3	6	0	0	-	29	281	
	16	w	w	w	W	W	2	2	1	1	25	2	3	16	0	52	333	
	17	-	0	9	3	7	19	47	52	32	27	28	0	-	-	224	557	
	18	w	W	5	4	33	6	3	3	W	w	w	w	w	w	54	611	
	19	0	14	8	15	7	16	31	57	63	41	35	39	37	0	363	974	
	20	-	0	0	6	37	31	11	10	68	64	53	40	3	-	323	1297	
	21	W	W	W	0	2	2	0	2	0	1	1	0	0	-	8	1305	
	22	-	-	0	0	10	16	13	1	6	9	9	8	7	0	79	1384	
	23	0	1	1	1	7	3	1	4	13	13	23	7	6	0	80	1464	
	24	1	10	5	8	11	16	46	18	27	49	33	22	11	0	257	1721	
	25	W	1	W	3	2	3	W	3	1	4	24	11	3	0	55	1776	
	26	0	0	0	0	9	10	0	4	5	16	19	17	2	0	82	1858	
	27	-	0	5	8	9	3	2	2	3	3	12	4	0	-	51	1909	
	28	0	0	0	0	1	1	0	0	4	0	0	0	2	-	8	1917	
	29	-	0	0	0	0	(W)	(W)	0	9	7	0	9	0	-	25	1942	
	30	W	0	0	0	1	2	(W)	W	W	w	w	w	w	w	3	1945	
	31	0	0	0	1	1	1	11	14	10	15	11	1	4	0	69	2014	
APR	1	(W)	(W)	(W)	3	3	0	0	0	0	1	0	0	0	-	7	2021	
	2	0	(W)	W	W	(W)	1	4	4	6	0	2	W	W	w	17	2038	
	3	0	0	0	0	7	1	2	0	0	0	0	0	0	-	10	2048	
	4	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	2048	
	5	-	0	0	0	0	7	0	0	0	1	0	1	0	0	9	2057	
	6	0	0	1	1	0	2	2	1	2	6	7	3	1	0	26	2083	
	7	0	0	0	W	W	W	W	W	1	3	W	W	W	w	4	2087	
	8	0	0	0	0	1	4	2	2	1	3	0	10	4	-	27	2114	
	9	W	W	W	W	W	W	W	W	W	W	W	W	W	W	0	2114	
	10	0	3	0	0	5	4	0	3	0	0	1	0	0	0	16	2130	
	11	0	0	0	0	4	1	0	1	0	0	5	1	1	w	13	2143	
	12	w	w	W	W	W	W	W	W	W	W	W	w	w	w	0	2143	
	13	W	W	W	W	W	W	1	W	W	W	W	W	W	W	1	2144	
	14	0	0	0	0	0	1	0	1	1	(W)	0	0	-	-	3	2147	
	15	-	0	0	3	0	2	0	W	1	W	W	W	w	w	6	2153	
	16	0	0	0	1	1	0	3	0	0	3	21	5	5	0	39	2192	
	17	0	0	0	1	2	8	0	0	0	0	0	0	-	-	11	2203	
	18	0	0	0	0	0	0	0	1	0	0	0	0	0	-	1	2204	
	19	-	-	0	0	0	0	0	0	4	1	2	2	1	0	10	2214	
	20	0	0	0	0	4	4	3	W	0	0	0	0	-	-	11	2225	
	21	w	w	w	w	w	w	10	2	(W)	7	2	0	0	0	21	2246	
	22	0	1	0	0	2	0	1	5	W	1	w	w	w	w	10	2256	
	MDT	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21			
	MST	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20			
TOTALS		1	31	36	75	197	197	240	232	303	346	311	184	103	0	2256		
W	Ridges observed to be obscured: migration impossible																	
(W)	Poor migration conditions observed																	
w	Ridges obscured: not observed																	
(w)	Poor migration conditions: not observed																	
Red	Observation away from Hay Meadow site: generally Lusk Creek but occasionally Wasootch Creek or Barrier Lake																	

38	2015-04-04	10	0	0	6	0	3	0	0	1	0	10	0	3	5	0	0	0	1	0	0	0	0	0	0	29	7
39	2015-04-05	11	0	1	13	0	1	0	0	0	0	9	0	0	4	0	1	0	0	0	1	1	0	1	0	32	6
40	2015-04-06	6.75	0	0	5	1	0	0	1	0	0	1	0	2	4	0	0	0	0	1	0	2	0	0	0	17	7
41	2015-04-07	8	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	1	0	0	0	0	0	0	6	4
42	2015-04-08	10	0	0	3	4	2	2	0	1	0	6	1	1	7	0	0	0	0	0	0	2	1	0	0	30	9
43	2015-04-09	9.75	0	0	3	1	3	1	4	0	0	7	0	2	15	0	0	0	0	0	0	0	0	0	0	36	8
44	2015-04-10	11.5	0	1	3	3	2	1	2	2	0	7	0	0	3	0	0	0	0	0	0	0	0	0	0	24	9
45	2015-04-11	11.75	1	0	6	2	2	0	3	0	0	7	0	0	0	0	1	0	0	0	0	1	0	0	0	23	7
46	2015-04-12	2.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	2015-04-13	5.33	0	1	0	1	2	0	1	0	0	2	0	1	7	1	1	0	0	0	0	0	0	0	0	17	9
48	2015-04-14	12.25	0	2	7	0	4	0	3	0	0	4	1	1	5	0	2	0	2	0	0	1	0	0	2	34	10
49	2015-04-15	10	0	2	2	0	6	0	2	0	1	5	1	1	11	1	0	1	2	0	0	1	0	0	0	36	12
50	2015-04-16	10	0	0	0	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	4	4
51	2015-04-17	11.75	0	1	4	12	2	1	0	0	0	7	0	1	5	0	0	0	1	0	0	1	0	0	0	35	9
52	2015-04-18	11.75	0	0	1	7	4	0	5	0	0	7	0	1	12	0	1	0	0	0	0	1	0	0	0	39	8
53	2015-04-19	12.25	0	1	1	10	11	1	3	1	0	16	1	1	3	0	1	0	1	0	0	1	0	0	0	52	13
54	2015-04-20	11.5	0	0	3	3	5	3	1	6	1	7	1	0	12	0	0	0	2	0	0	0	0	0	0	44	11
55	2015-04-21	4.5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
56	2015-04-22	12	0	1	5	6	0	2	1	1	0	12	0	0	9	1	0	0	0	0	0	0	0	0	0	38	9
	April	211.83	1	10	73	54	50	11	26	12	2	116	5	14	120	5	7	1	10	2	1	11	1	1	2	535	18
	Total	510.1	2	10	304	70	73	14	72	15	3	214	7	68	1069	6	18	5	11	9	1	17	3	1	2	1994	18
	Date	HRS	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ML	GY	PG	PR	UA	UB	UE	UF	UU	TOTAL	

TABLE 9												
BEAVER MINES, SPRING 2017												
SUMMARY WEATHER												
Day #			MIN	MAX	WIND		CLOUD		PRECIPITATION & NOTES	RIDGE	#	
			TEMP	TEMP	Direction	Velocity	%	type		OBSCURED (%)	migrant raptors	
			°C	°C		km/h						
1	Feb	25	-3	-3	W-WSW	40-50g70	0-100	As,Ac,Cu			8	
2	Feb	26	-9	-8	E-SSE	13-17g30	100	St,Cu	light snow all day		0	
3	Feb	27	-7	-5	SW-WSW	5-15g35	80-100	As,Ac,Cu	hazy sunshine		15	
4	Feb	28	-8	-6	C-SW	0-5	100-60	St,Cu	snow to 1345		1	
5	Mar	1	-2	0	W-NE/NNW	15-25g45	100	St	snow to 1550	70	7	
6	Mar	2	0	3	SW-WSW	15-30g45	100	St,Cu	snow after 1318		16	
7	Mar	3	3	6	WSW-W	40-60g87	20-100	Ac,Cu,St	flurries after 1400		8	
8	Mar	4	2	6	W/WSW-E	40-55g67	10-80	Cu,As			16	
9	Mar	5	-10	-10	E/ESE-W	10-15	100	St	light-mod. Snow	80	1	
10	Mar	6	-10	0	W/WSW-C	15-30g45	0-80	As,Cu	flurries and snow periods		54	
11	Mar	7	-10	-6	E-ESE	10-20g30	90-50	Cu,St	hazy sunshine to 1630		0	
12	Mar	8	-13	-9	SE	0-5	100	St	light-heavy snow	80	0	
no	Mar	9	-26	-18	E-ESE	0-5	100	St	snow: no observation	100	0	
13	Mar	10	-15	-12.5	E-ESE	5-15	100-90	St	snow except 1755-1815	90	0	
14	Mar	11	-22	-10	W-E	0-15	100-70	AS,Cu,St	light snow after 1700		3	
15	Mar	12	-18	-10	W-E	0-15	100-70	St,Ac,Cu	light flurries in late pm		26	
16	Mar	13	3	6	W-WSW	25-50g85	100	As,Cu,St			105	
17	Mar	14	4	9	WSW	10-40g70	100-20	As,Cu			73	
18	Mar	15	7	11	WSW-W	30-50g63	40-100	As,Cu,Ac			178	
19	Mar	16	0	8	W-WSW	30-45g67	10-100	Cu,St	light snow in pm; heavy after 1815	20	153	
20	Mar	17	-4	7	SW/W-E	0-10	100	As			73	
21	Mar	18	6	10	WSW-W	25-50g65	100-70	St,Cu	light-mod. rain after 1000	10	29	
22	Mar	19	1	6	WSW-W	30-50g67	80-0	As,Ci,Cu			186	
23	Mar	20	-6	4	E-ESE	15-25g35	0-70	Ci,St			20	
24	Mar	21	-2	6	var	0-5	70-100	St,Cu,Ac,lent	snow to 0900		30	
25	Mar	22	5	11	W-WSW	40-60g80	0-50	Ac,Cu			27	
26	Mar	23	3	8.5	W-WSW	30-50g70	0-90	Cu,Ac,As			112	
27	Mar	24	7	10	W-WSW	20-30g40	100-50	As,Ac,Cu,Cs			34	
28	Mar	25	3	11	W-WSW	20-40g60	30-90	Cu	snow 1452-1530		38	
29	Mar	26	1	9	WSW-W	20-30g43	0-100	Cu,Cs,Ac,As			21	
30	Mar	27	5	9.5	W-WSW	15-30g54	60-100	St,Cu,Ac,As			50	
31	Mar	28	3	7	W-WSW	30-40g85	30-100	Sc,As,Cu,Ac			41	
32	Mar	29	3	9	WSW-W	15-30g43	100-60	St,Cu,Ac,Ci			39	
33	Mar	30	5	11.5	WSW/W-NW/NNW	20-30g45	0-100	Cs,As,Cu,Sc	light rain after 1750		43	
34	Mar	31	1	11.5	var-SW/WSW	30-40g50	100-0	St,Cu,Ci	2cm snow overnight		52	
35	Apr	1	5.5	10	W-WSW	45-60g95	100-10	As,Cu,Ac,Cs,Ci			15	
36	Apr	2	5	10	WSW-W	35-40g60	10-100	Cu,Ac,As,Sc	snow after 1745	10	13	

37	Apr	3	-3	4	SW-SSW	5-15	100-30	St,Cu,Ac,As	20cm overnight; snow to 0900		8
38	Apr	4	3	8	W-WSW	25-35g50	0-100	Cs,As			29
39	Apr	5	4	10.5	W-WSW	40-60g74	100-80	As,Cu			32
40	Apr	6	12	14	SW-W	20-30g40	100-70	As,Cu,Ac,Ci			17
41	Apr	7	5	8.5	WSW	30-50g85	100-20	Sc,Cu,Ac,Ci,St	rain to 1045,1150-1410, heavy in pm		6
42	Apr	8	6	11	WSW-W	30-40g65	0-100	Ac,Cu,As	6cm fresh snow		30
43	Apr	9	1	5	N-WSW	10-20g40	100	St			36
44	Apr	10	0	7	W-WSW	20-35g55	100-70	As,Cu			24
45	Apr	11	2	10	W-WSW	20-30g45	0-70	Cu,As,Ci			23
46	Apr	12	-1	2	SSE-E	8-May	100	St	snow after 0945	80	0
47	Apr	13	6	12	W-WSW	20-30g40	100-80	St,Cu	rain to 1200	50	17
48	Apr	14	4	10	W-WSW	30-50g70	30-100	Cu,Ac,Ci,As	snow 1500-1600, and flurries		34
49	Apr	15	0	7	W-WSW	40-50g70	100-10	As,Cu	snow flurries to 1400		36
50	Apr	16	-3	11	E-ESE	10-20g35	0		fog to 1025	20	4
51	Apr	17	1	13	var-W-SW	10-45g70	100-10	St,Cu,As,Ac			35
52	Apr	18	2	13.5	W-WSW	25-40g55	50-100	As,Cu,Ac			39
53	Apr	19	6	13.5	W-WSW	20-40g60	0-80	Cu,As,lent			52
54	Apr	20	1	13.5	NW/WWN-W/WSW	10-30g40	100	St,Cu			44
55	Apr	21	5	6	C-var	0-10	100-40	St,Cu	wet snow to 1000 then rain to 1600	60	1
56	Apr	22	2	14	var-E	4-20g35	100-80	Cs,Cu,Ci,As,Ac			38
										TOTAL	1992

TABLE 10																										
Beaver Mines, AB, spring counts 2014-2017																										
YEAR	DAYS	HRS	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ML	GY	PG	PR	UA	UB	UE	UF	UU	TOTAL
2014	17	78.07	0	0	110	0	16	5	12	1	0	62	3	14	853	0	3	0	0	0	4	6	2	0	1	1092
2015	39	208.75	0	1	183	42	60	15	56	1	1	161	3	51	1169	16	13	1	2	5	2	13	1	0	2	1798
2016	52	401.34	2	0	278	68	98	18	60	9	5	301	6	148	963	10	16	9	11	9	4	14	3	0	6	2038
2017	56	510.08	2	10	304	70	73	14	72	15	3	214	7	68	1069	6	18	5	11	9	1	17	3	1	2	1994
TOTALS	164	1198.2	4	11	875	180	247	52	200	26	9	738	19	281	4054	32	50	15	24	23	11	50	9	1	11	6922
Av 15-16	45.5	305.0	1.0	0.5	230.5	55.0	79.0	16.5	58.0	5.0	3.0	231.0	4.5	99.5	1066.0	13.0	14.5	5.0	6.5	7.0	3.0	13.5	2.0	0.0	4.0	1918.0
17 cf 15-16	23.1	67.2	100.0	1900.0	31.9	27.3	-7.6	-15.2	24.1	200.0	0.0	-7.4	55.6	-31.7	0.3	-53.8	24.1	0.0	69.2	28.6	-66.7	25.9	50.0		-50.0	4.0

TABLE 11						
MEDIAN PASSAGE DATES, MOUNT LORETTE, SPRING 2017						
	Species		Adults		Immatures	
BALD EAGLE	24-Mar		23-Mar		26-Mar	
NORTHERN HARRIER	13-Apr					
SHARP-SHINNED HAWK	16-Apr					
COOPER'S HAWK	20-Apr					
NORTHERN GOSHAWK	7-Apr		27-Mar			
RED-TAILED HAWK	14-Apr		15-Apr			
ROUGH-LEGGED HAWK	17-Mar					
GOLDEN EAGLE	20-Mar		20-Mar		26-Mar	
COMBINED SPECIES	20-Mar					
(Note: statistics are not calculated for less than 4 birds)						
MEDIAN PASSAGE DATES, BEAVER MINES, SPRING 2017						
	Species		Adults		Immatures	
BALD EAGLE	23-Mar		23-Mar		20-Mar	
NORTHERN HARRIER	17-Apr		17-Apr			
SHARP-SHINNED HAWK	11-Apr		4-Apr			
COOPER'S HAWK	10-Apr		17-Apr			
NORTHERN GOSHAWK	24-Mar		21-Mar			
BROAD-WINGED HAWK	19-Apr		10-Apr			
RED-TAILED HAWK	4-Apr		4-Apr		9-Apr	
FERRUGINOUS HAWK	14-Apr					
ROUGH-LEGGED HAWK	17-Mar					
GOLDEN EAGLE	18-Mar		17-Mar		2-Apr	
AMERICAN KESTREL	13-Apr					
MERLIN	17-Mar		16-Mar			
GYRFALCON	14-Mar					
PEREGRINE FALCON	15-Apr		14-Apr			
PRAIRIE FALCON	26-Mar					
COMBINED SPECIES	22-Mar					
(Note: statistics are not calculated for less than 4 birds)						

TABLE 12																													
Steeple, BC, spring 2017																													
March 01-April 22 (15 days)																													
DAY																													
#	Date	HRS	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ML	GY	PG	PR	UA	UB	UE	UF	UU	TOTAL	SITE		
	2016-03-01	NO OBSERVATION																									0		
	2016-03-02	NO OBSERVATION																									0		
	2016-03-03	NO OBSERVATION (WEATHER)																									0		
1	2016-03-04	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BM	
	2016-03-05	NO OBSERVATION (WEATHER)																									0		
	2016-03-06	NO OBSERVATION																									0		
	2016-03-07	NO OBSERVATION																									0		
	2016-03-08	NO OBSERVATION																									0		
	2016-03-09	NO OBSERVATION																									0		
2	2016-03-10	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BN	
3	2016-03-11	4	0	0	1	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	6	BM	
4	2016-03-12	6.5	0	0	30	0	0	0	0	0	0	0	0	1	61	0	0	0	0	0	0	0	0	0	2	0	0	94	BM
	2016-03-13	NO OBSERVATION																									0		
	2016-03-14	NO OBSERVATION																									0		
	2016-03-15	NO OBSERVATION																									0		
5	2016-03-16	1	0	0	6	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	10	SL	
6	2016-03-17	7.5	0	0	12	0	0	0	0	0	0	0	0	0	133	0	1	0	0	0	0	0	0	1	0	0	147	BM	
	2016-03-18	NO OBSERVATION (WEATHER)																									0		
7	2016-03-19	8	0	0	14	0	0	0	0	0	0	0	0	0	89	0	0	0	0	0	0	0	0	1	0	0	104	BM	
8	2016-03-20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BN	
	2016-03-21	NO OBSERVATION																									0		
	2016-03-22	NO OBSERVATION																									0		
	2016-03-23	NO OBSERVATION																									0		
9	2016-03-24	4	0	0	5	0	1	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	15	BN	
10	2016-03-25	7	0	0	6	0	1	0	0	0	0	1	0	0	15	0	0	0	0	0	0	0	0	0	0	0	23	BN	
11	2016-03-26	6.5	0	0	12	0	1	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	2	0	0	46	BM	
	2016-03-27	NO OBSERVATION																									0		
	2016-03-28	NO OBSERVATION																									0		
	2016-03-29	NO OBSERVATION																									0		
	2016-03-30	NO OBSERVATION																									0		
12	2016-03-31	6	3	0	17	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	56	BN	
	March	57	3	0	103	0	3	0	0	0	0	1	0	1	383	0	1	0	0	0	0	0	0	6	0	0	501		
13	2016-04-01	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BN	
14	2016-04-02	5.5	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	BM	
	2016-04-03	NO OBSERVATION																									0		
	2016-04-04	NO OBSERVATION																									0		
	2016-04-05	NO OBSERVATION																									0		
	2016-04-06	NO OBSERVATION																									0		
	2016-04-07	NO OBSERVATION (WEATHER)																									0		

15	2016-04-08	5	0	0	7	0	0	0	0	0	0	1	0	0	3	1	0	0	0	0	0	0	0	0	0	12	BN	
	2016-04-09	NO OBSERVATION (WEATHER, COUNT ABANDONED FOR THE SEASON)																							0			
	2016-04-10	NO OBSERVATION																							0			
	2016-04-11	NO OBSERVATION																							0			
	2016-04-12	NO OBSERVATION																							0			
	2016-04-13	NO OBSERVATION																							0			
	2016-04-14	NO OBSERVATION																							0			
	2016-04-15	NO OBSERVATION																							0			
	2016-04-16	NO OBSERVATION																							0			
	2016-04-17	NO OBSERVATION																							0			
	2016-04-18	NO OBSERVATION																							0			
	2016-04-19	NO OBSERVATION																							0			
	2016-04-20	NO OBSERVATION																							0			
	2016-04-21	NO OBSERVATION																							0			
	2016-04-22	NO OBSERVATION																							0			
	April	12.5	0	0	7	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	14
	Total	69.5	3	0	110	0	3	0	0	0	0	4	0	1	386	1	1	0	0	0	0	0	0	6	0	0	515	
	Date	HRS	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ML	GY	PG	PR	UA	UB	UE	UF	UU	TOTAL		

TABLE 13																											
Steeple, BC, spring counts 2010-2017																											
YEAR	DAYS	HRS	TV	OS	BE	NH	SS	CH	NG	BW	SW	RT	FH	RL	GE	AK	ML	GY	PG	PR	UA	UB	UE	UF	UU	TOTAL	raptors/h
2010	48	213.5	13	2	218	2	7	0	8	0	0	20	0	7	534	2	0	0	1	0	0	0	2	0	0	816	3.82
2011	28	118.5	12	0	147	1	5	0	2	0	0	7	0	2	395	0	0	0	0	0	0	0	2	0	0	573	4.84
2012	32	98.5	9	2	112	1	7	0	2	0	0	11	0	7	236	1	0	0	1	0	0	0	4	0	0	393	3.99
2013	25	83	1	1	113	0	1	0	1	0	0	7	0	3	230	0	0	0	2	0	0	1	3	0	0	363	4.37
2014	40	142.3	14	3	140	0	5	0	0	0	0	14	0	4	275	4	0	0	0	0	0	1	0	0	0	460	3.23
2015	32	130.5	10	0	81	1	2	0	1	0	0	4	0	0	200	0	0	0	1	0	0	1	0	1	0	302	2.31
2016	34	151.5	2	2	117	1	4	0	2	0	0	8	0	1	233	0	0	0	0	0	0	0	2	0	0	372	2.46
2017	15	69.5	3	0	110	0	3	0	0	0	0	4	0	1	386	1	1	0	0	0	0	0	6	0	0	515	7.41
TOTALS	254	1007	64	10	1038	6	34	0	16	0	0	75	0	25	2489	8	1	0	5	0	0	3	19	1	0	3794	
Av 10-16	34.1	134.0	8.7	1.4	132.6	0.9	4.4	0.0	2.3	0.0	0.0	10.1	0.0	3.4	300.4	1.0	0.0	0.0	0.7	0.0	0.0	0.4	1.9	0.1	0.0	468.4	3.6
17 cf Av	-56.1	-48.1	-65.6	-100	-17.0	-100	-32.3		-100			-60.6		-70.8	28.5	0.0			-100			-100	223.1	-100		9.9	107.3

TABLE 14														
STEEPLES, SPRING 2016														
SUMMARY WEATHER														
Day #			RIDGE WIND			CLOUD		PRECIPITATION & NOTES	RIDGES	#	SITE			
			TEMP °C	Direction	Velocity	%	type					migrant raptors		
	Mar	1	NO OBSERVATION									no		
	Mar	2	NO OBSERVATION									no		
	Mar	3	NO OBSERVATION (WEATHER)									light rain	obscured	no
1	Mar	4	6	C-W	C-M	40-60	Cu,As	mainly sunny	clear	0	BM			
	Mar	5	NO OBSERVATION (WEATHER)									snow flurries	mostly obscured	no
	Mar	6	NO OBSERVATION											no
	Mar	7	NO OBSERVATION											no
	Mar	8	NO OBSERVATION											no
	Mar	9	NO OBSERVATION											no
2	Mar	10	?	?	?	100	St	10cm fresh snow	partially clear	0	BN			
3	Mar	11	7	calm	C	100	St	rain 1500-1630	obscured	6	BM			
4	Mar	12	8	SW	L-M	90-100	St		mainly clear	94	BM			
	Mar	13	NO OBSERVATION											no
	Mar	14	NO OBSERVATION											no
	Mar	15	NO OBSERVATION											no
5	Mar	16	7	SE	M	50	Cu,As,Ci		clear	10	SL			
6	Mar	17	0-8	E-NE-C	M-C	100	As		clear	147	BM			
	Mar	18	NO OBSERVATION (WEATHER)									rain all day	obscured	no
7	Mar	19	6	SW	M-S	20-40	Cu	sunny	clear	104	BM			
8	Mar	20	6	C	C	40	thin As	sunny	clear	0	BN			
	Mar	21	NO OBSERVATION											no
	Mar	22	NO OBSERVATION											no
	Mar	23	NO OBSERVATION											no
9	Mar	24	6	C	C	100	As		partially clear	15	BN			
10	Mar	25	6	S-SW	S	70-40	Cu	wet snow 1340-1445	mainly clear	23	BN			
11	Mar	26	8	?	L-C	60-100	As,Cu,lent		clear	46	BM			
	Mar	27	NO OBSERVATION											no
	Mar	28	NO OBSERVATION											no
	Mar	29	NO OBSERVATION											no
	Mar	30	NO OBSERVATION											no
12	Mar	31	3-14	SE-S-SW-C	L-C	90-40	As,Cu,Ci		clear	56	BN			
13	Apr	1	9	S-SW	S	70-50	Cu	light rain 1515-1530	obscured to 1300	0	BN			
14	Apr	2	9	W	S	60-100	As,Cu,Ci	flurries/rain 1215-1245, 1550-1630	obscured 1600+	2	BM			
	Apr	3	NO OBSERVATION											no
	Apr	4	NO OBSERVATION											no
	Apr	5	NO OBSERVATION											no
	Apr	6	NO OBSERVATION											no
	Apr	7	NO OBSERVATION (WEATHER)									rain most of the day	mainly obscured	no
15	Apr	8	10	SE-SW	M	40-100	Cu,Ci,As		clear	12	BN			
	Apr	9	NO OBSERVATION (WEATHER)										mainly obscured	no
	Apr	10	NO OBSERVATION											no
	Apr	11	NO OBSERVATION											no
	Apr	12	NO OBSERVATION											no
	Apr	13	NO OBSERVATION											no
	Apr	14	NO OBSERVATION											no
	Apr	15	NO OBSERVATION											no
	Apr	16	NO OBSERVATION											no
	Apr	17	NO OBSERVATION											no
	Apr	18	NO OBSERVATION											no
	Apr	19	NO OBSERVATION											no
	Apr	20	NO OBSERVATION											no
	Apr	21	NO OBSERVATION											no
	Apr	22	NO OBSERVATION											no
	BM	Bull Mountain												
	BN	Bill Nye												
										TOTAL	515			