Federal Aid in Wildlife Restoration
Annual Report
1 July 1999 – 30 June 2000

2000 Report

Deer Pellet-Group Surveys in Southeast Alaska

by

Mark J. Kirchhoff

Alaska Department of Fish and Game
Division of Wildlife Conservation
Douglas, Alaska

March 2001

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INTRODUCTION

This report summarizes the deer pellet-group survey work conducted by the Alaska Department of Fish and Game and the United States Forest Service in 2000. Pellet-group data are used by biologists to monitor deer population trends in specific watersheds throughout the region. The data also permit general comparisons of deer numbers from area to area within the region. The reader is referred to Kirchhoff and Pitcher (1988) for a more detailed discussion of objectives, sample design, and field methodology of this program.

RESULTS

During 2000, 26 watersheds, (or value comparison units - VCUs) were surveyed. For each VCU, transect locations, physiographic information, deer population density, and trend are described. Overall, deer-pellet group densities were slightly lower in Unit 4 (northern Southeast), about the same in Unit 3 (central Southeast), and about the same or a little higher in Units 1 and 2 (southern Southeast). Complete results for each VCU are found in Table 1. A brief summary of deer population trend by game management unit follows:

Subunit 1A - Ketchikan and Mainland. In 2000 five VCUs were surveyed in Subunit 1A. Of these five VCUs, all stayed about the same from the previous year surveyed. The trend in this subunit is mostly low deer populations holding steady.

Unit 2 - Prince of Wales Island. During 2000 seven VCUs were surveyed in Unit 2. Five were about the same from the previous year surveyed, and two were higher. Overall, deer populations on Prince of Wales seem to be rebounding somewhat. This is probably due to last year's moderate winter with warmer than normal temperatures.

Subunit 1B and Unit 3 – Central Southeast Alaska. Deer pellet-group surveys were concentrated on Kuiu Island in 2000. Three VCUs on the island's west side were surveyed and pellet group counts remained extremely low. Apparently deer still haven't recovered from the pit they fell into after the severe winters of 1969 and 1971.

One other VCU was surveyed on Mitkof Island near Petersburg. Here pellet-group counts were moderate and showed the local population holding steady.

Unit 4 - Northern Southeast Alaska. Seven VCUs were surveyed in Unit 4 in 2000. One VCU, Whale Bay, was new, and one VCU, Crawfish Inlet, was the same. The other five VCUs, while still supporting lots of deer, showed slight declines.

Subunit 1C - Juneau and Mainland. Douglas Island is the most important area in Unit 1C for Juneau deer hunters and the VCUs on the island are regularly surveyed to track the deer population. Transects run at the north end of the road system and at Point Hilda showed deer populations stable at low to moderate levels.

Unit 5 - Yakutat. Two deer pellet transects were completed on Kriwoi Island at Yakutat in early May 2000. Kriwoi was chosen because past survey results indicate that this island has the highest concentration of deer of all the Yakutat islands. This year's pellet-group density was 0.90 as compared to an average of 0.99 from 1991 to 1997.

NARRATIVES

North Douglas (VCU 35) - Douglas Island is located immediately opposite the City of Juneau and is heavily used by local hunters. Three transects were established at the end of the road in 1991. The transects rise to over 1000 feet in elevation and traverse low to moderate volume hemlock stands. Deer pellet-group density in 2000 was similar to past years at 0.88 pellet groups per plot.

Inner Point (VCU 36) - This drainage, located on the west side of Douglas Island, is popular with Juneau deer hunters. It is a small VCU containing mostly low-volume forest; it also brushy, particularly at lower elevations. Pellet-group densities measured since 1985 have usually been moderate, between one and two pellet groups per plot, and 2000 was no different, with pellet-group density measured at 1.09 pellet groups per plot.

Hood Bay (VCU 171) – Three transects were established at Hood Bay, on the SW coast of Admiralty Island, in 1987. Hood Bay is an important deer hunting area for the residents of nearby Angoon. Transects #1 and #2 sample south-facing slopes to 1500 feet elevation. Transect #3 samples riparian habitat in the south arm of Hood Bay. Deer pellet-group density in 2000 was the lowest ever recorded, at 1.04 pellet groups per plot.

Finger Mountain (VCU 247) – The Finger River drainage north of Sitka has consistently exhibited some of the highest deer-pellet group densities in all of Southeast. Three transects were established here in 1983. Transect #1 is a nice hike to an 1100 foot knob, then it undulates up and down from there. Transect #2 parallels the Finger River and usually has a tremendous amount of deer sign. Transect #3 is short and steep to 1500 feet elevation. All three transects have a SW facing aspect. Deer pellet-group density remained high at Finger Mountain in 2000, the highest in all of Southeast.

Nakwasina (VCU 300) - This VCU north of Sitka is a popular local hunting area which has been sampled almost every year since 1984. All three transects traverse mid-volume forest to 1500 feet elevation and have a southerly aspect. Typically, deer pellet-group densities have been high at Nakwasina, and 2000 was no exception at 2.64 pellet groups per plot.

Sealion Cove (VCU 305) - Located on northern Kruzof Island, this VCU has been sampled almost every year since 1984. Transects #1 and #3 are short and steep and run through low to mid-volume timber until breaking out into sub-alpine vegetation at approximately 900 feet elevation. Transect #2 also traverses low to mid-volume timber but is forested all the way to 1500 feet elevation. Deer pellet-group density in 2000 was moderate at 1.42 pellet groups per plot.

Cape Ommaney (VCU 339) – Four transects were established at Port Alexander on southern Baranof Island in 1988. Locations selected were favorite hunting grounds of the community and relatively easy to access in an area where high winds and seas are common. All three transects traverse mostly non-commercial forest interspersed with muskeg. Pellet-group density in 2000 was moderate at 1.26 pellet groups per plot.

Whale Bay (VCU 344) - Three new transects were established at Whale Bay on the west coast of Baranof Island in 2000. The location selected, Rakovoi Bay, provides a good anchorage for field work. The three transects traverse mostly non-commercial yellow cedar and hemlock, interspersed with muskeg. Deer pellet-group density was moderate at 1.40 pellet groups per plot.

West Crawfish (VCU 348) – In 1989 three transects were established in West Crawfish Inlet on the west coast of Baranof Island. Transect #1 starts at Cedar Pass and runs 125 plots through mostly muskeg and non-commercial forest. Transect #2 goes through similar habitat along a south-facing ridge up to 1500 feet elevation. Transect #3 starts in Shamrock Bay and is brushy and side-hill all the way. Deer pellet-group density in 2000 was moderate at 1.34 pellet groups per plot, virtually identical to the results recorded the last time this VCU was done.

Yakutat Islands (VCU 368) – This VCU incorporates many of the islands found in Yakutat Bay: Krutoi, Kriwoi, Khantaak, and Dolgoi. One or two transects were established on each island in 1991. Habitat is generally mid-volume hemlock with a blueberry understory. While the islands are not ideal deer habitat, the maritime influence, less snow, and little or no predator presence probably explains the persistence of deer on these islands. In 2000 two transects were run on Kriwoi Island, which traditionally has had the highest counts of any of the islands. (The two transects were combined into one for analysis). Deer-pellet-group density this year was typical of past years at 0.90 pellet groups per plot.

Security Bay (VCU 400) – Three transects were established at Security Bay on northern Kuiu Island in 1984. Transect #1 starts in Band Cove and follows a ridge through mid-volume timber. Transect #2 starts at Pt. Lookout and goes up a steep hill. Transect #3 starts at the mouth of the bay and runs east through heavy brush which eventually turns into an open cedar forest. Pellet-group density in 2000 remained very low at 0.09 pellet groups per plot.

Pillar Bay (VCU 403) – This VCU on the west side of Kuiu Island was first surveyed in 1988. Four transects were established through mid to high volume old growth covering a variety of aspects. Deer pellet-group density in 2000 remained very low at 0.18 pellet groups per plot.

Malmesbury (VCU 408) – Two transects were established at Port Malmesbury on Kuiu Island in 1990. Both traverse southerly slopes to 1500 feet elevation. The lower slopes are brushy with low timber values while the upper elevations contain some very nice sized individual trees. In 2000 a third transect was added which started in between the other two and traversed similar habitat. Pellet-group density in 2000 remained very low at 0.06 pellet groups per plot.

Woewodski (VCU 448) - Three transects were located on southwestern Mitkof Island in 1984. They are all well-marked and easily accessible by skiff from Petersburg. All climb to 1500 feet through mid-volume hemlock-spruce forest. Deer pellet-group density in 2000 was moderate at 1.27 pellet groups per plot.

Protection (VCU 527) - Three transects were established in this VCU in 1997 in response to concerns by local Port Protection residents about area deer herds. The three transects start on the beach about a half mile west of Merrifield Bay and traverse low volume timber up to about 500 feet elevation. Pellet-group density in 2000 was low at 0.56 pellet groups per plot.

Sarheen (VCU 549) - Three transects were located at Sarheen on the NW coast of Prince of Wales Island in 1989. Sarheen was selected because it is mostly unlogged, protected from rough seas, and hunters reported good success there. The transects traverse mostly low volume timber and reach approximately 800 feet elevation. Deer pellet-group density in 2000 was 0.98 pellet groups per plot.

Warm Chuck (VCU 561) - Located on Heceta Island off the west coast of Prince of Wales Island, this VCU is a popular hunting destination. Transects were established here in 1984 because of reported high deer populations. Transect #1 travels up a valley bottom that has been partially cutover, #2 traverses a flat poorly-drained area with low volume timber; and #3 climbs a steep hill to 1500 feet elevation. Deer pellet-group density in 2000 was 0.99 pellet groups per plot.

Thorne Lake (VCU 575) - Four transects were established along the Thorne River drainage in 1992. All four transects start along Road 3015 and are accessed by vehicle from Thorne Bay. The vegetation on transect #1 is mostly a red cedar-western hemlock overstory and a blueberry understory. Transect #2 starts in a muskeg and low volume forest, but soon encounters the edge of a clearcut. Timber is mostly low to mid-volume with muskegs scattered throughout. Transect #3 is an easy transect through mostly moderate to high volume hemlock. Transect #4 is a steady climb to 1500 feet. The first half is dominated by western red cedar, the second half is spruce-hemlock forest. Volume class is high all the way. Deer pellet-group density in 2000 was moderate at 1.28 pellet groups per plot.

Snakey Lakes (VCU 578) - This VCU, located on Prince of Wales Island, encompasses part of the Thorne River drainage. Four transects were established here by the Forest Service in 1986. Since then, roads and clearcuts have drastically altered the landscape and by 1993 one starting tree was missing in action. A new starting point for transects #3 and #4 was flagged in 1993 about 100 feet from the outlet of Snakey Lake. Deer pellet-group density in 2000 was moderate at 1.55 pellet groups per plot.

Little Ratz (VCU 584) - Four transects were established in this VCU on the east coast of Prince of Wales Island in 1992. Access to all transects is by vehicle from Thorne Bay. Transect #1 starts at a rock face shortly after Mile 9. Second growth and a clearcut have to be traversed before entering a red cedar-mountain hemlock forest. Transect #2 starts at the Sal Creek bridge. The first 24 plots go through a thinned clearcut. From there it's a short walk to the mouth of Sal Creek. The return trip back to the road goes through low volume old growth and a clearcut. Transect #3 leaves the road after the Sal Creek bridge is passed and goes through young spruce stands where blowdowns are common. Transect #4 leaves the road about two miles past Sal Creek and passes through rolling terrain with low to mid-volume timber. There is some nasty brush at the end. Deer pellet-group density in 2000 was moderate at 1.38 pellet groups per plot.

Port Refugio (VCU 635) - This VCU is located on Suemez Island off the west coast of Prince of Wales Island. Pellet groups have been counted here almost every year since 1985. Since then there has been a lot of logging on the island. Pellet-group densities have varied widely over the years; in 2000 it was 0.94 pellet groups per plot.

George Inlet (VCU 748) - This VCU on Revilla Island is easily accessible by skiff from Ketchikan. Transect #1 is short and steep to 1400 feet elevation and traverses high volume timber. Transects #2 and #3 are longer and flatter and contain a greater variety of forest types including cedar stands and muskeg. Deer pellet-group density in 2000 was low at 0.51 pellet groups per plot.

Dall Head (VCU 765) – Three transects were established here on the south end of Gravina Island in 1996. Much of Dall Head has been exposed to windthrow and fire and consequently there are large areas that are in second growth, including some well stocked red cedar stands. Most of the understory is brushy conifer mixed with salal. Deer pellet-group density in 2000 was 0.96 pellet groups per plot.

Duke Island (VCU 767) – Three transects were established on the north end of Duke Island in 1996. There is a lot of brush on some transects, including four-foot high salal. Most of the timber is low volume and consists of mixed conifer classes. There is not much in the way of forbs in the understory and only a moderate amount of blueberry present. Deer pellet-group density remained very low in 2000 at 0.13 pellet groups per plot.

Alava Bay (VCU 769) - This VCU, located on the southeastern tip of Revilla Island, was first sampled in 1985. All three transects have steep sections in them and all are brushy with blueberry thickets to four feet tall. Forest types are diverse ranging from muskeg to high volume old growth. Pellet-group density was low in 2000 at 0.75 pellet groups per plot.

Gravina (VCU 999) - Northeastern Gravina Island was sampled at moderate levels in 1981 and at intensive levels in 1984, 1985, and 1986. In 1987, sampling was reduced to three transects (#'s 1, 2, and 3). These transects are readily accessible from the Ketchikan airport and traverse mostly muskeg and low volume forest. Deer pellet-group density was moderate in 2000 at 1.24 pellet groups per plot.

LITERATURE CITED

Kirchhoff, M.D., and K.W. Pitcher. 1988. Deer pellet-group surveys in Southeast Alaska, 1981-1987. Alaska Department of Fish and Game. Federal Aid in Wildlife Restoration Progress Report Project W-22-6, Job 2.9 Juneau. 113 pp.

Table 1. Pellet-group count statistics from southeast Alaska, 1981-2000.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
20	Comet	9,662	12%	1994	180	0.00	0.00-0.00
27	Auke Bay	15,245	45%	1987	381	0.99	0.87-1.12
35	North Douglas	4,430	49%	1991	300	0.80	0.65-0.96
				93	324	0.74	0.62-0.87
				94	315	0.91	0.74-1.09
				95	306	0.86	0.70-1.02
				96	323	0.97	0.81-1.12
				97	323	1.43	1.24-1.62
				98	321	1.54	1.32-1.77
				99	273	1.03	0.86-1.19
				2000	**282**	**0.88**	**0.71-1.04**
36	Inner Point	3,965	44%	1985	256	1.30	1.10-1.51
				86	235	1.97	1.68-2.25
				87	262	1.76	1.53-2.00
				88	200	1.21	1.02-1.39
				89	258	1.31	1.08-1.53
				92	204	2.05	1.75-2.36
				95	254	1.41	1.21-1.60
				96	240	1.68	1.45-1.91
				97	252	2.36	2.08-2.64
				98	280	0.84	0.69-0.98
				99	239	1.06	0.87-1.25
				2000	**280**	**1.09**	**0.90-1.28**
38	Rhine Creek	6,357	2%	1997	108	0.31	0.14-0.47
65	Sumdum Glacier	40,906	15%	1987	262	1.76	1.53-2.00
82	Negro Creek	12,212	31%	1989	312	0.21	0.13-0.29
89	Farragut Bay	na	na	1994	314	0.02	0.00-0.04
94	Sullivan Island	3,985	78%	1990	250	1.39	1.17-1.62
				99	66	0.64	0.35-0.93
117	Couverden	9,933	10%	1993	350	0.35	0.27-0.44

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
124	Shelter Island (All Transects)	6,162	43%	1984	713	1.46	1.33-1.60
				85	774	1.82	1.67-1.97
				86	727	2.20	2.02-2.37
124	Shelter Island (Trans. 4-8, 18)			1984	300	1.52	1.34-1.70
				85	296	2.52	2.24-2.81
				86	292	3.24	2.91-3.57
				87	288	2.91	2.57-3.24
				88	130	3.16	2.62-3.70
				89	300	1.43	1.23-1.62
				90	300	1.60	1.37-1.82
				93	250	2.00	1.73-2.26
				95	297	1.38	1.20-1.56
				97	312	2.51	2.23-2.78
				99	290	1.63	1.42-1.85
124	Lincoln Island			1998	207	1.52	1.27-1.77
125	Barlow Cove	13,712	24%	1982	2,567	1.07	1.01-1.12
				84	347	1.69	1.46-1.92
				85	347	1.55	1.35-1.76
				90	270	1.42	1.18-1.65
127	Calm Station	4,941	66%	1982	1,054	1.65	1.53-1.77
128	Hawk Inlet	14,318	57%	1982	1,605	1.21	0.99-1.42
				84	339	1.42	1.22-1.63
				85	270	1.69	1.43-1.95
				86	286	1.92	1.64-2.19
				87	278	2.54	2.19-2.89
				89	364	1.82	1.56-2.08
				90	250	2.24	1.94-2.53
				92	319	1.61	1.38-1.83
				96	325	1.26	1.07-1.46
				99	176	1.25	1.00-1.50
140	Dorn Island	9,485	81%	1984	230	1.27	1.02-1.53
148	Lake Kathleen	14,693	57%	1987	207	2.13	1.76-2.49
150	Lake Florence	21,342	52%	1988	294	1.48	1.27-1.69

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
162	Thayer Lake	25,342	79%	1987	313	2.81	2.49-3.12
				89	283	2.04	1.75-2.32
				94	282	2.27	1.98-2.56
				98	308	2.13	1.87-2.38
171	Hood Bay	44,355	79%	1987	358	2.31	1.99-2.63
				89	366	1.77	1.54-2.00
				90	375	1.85	1.61-2.09
				92	360	1.91	1.64-2.18
				94	371	1.64	1.41-1.88
				2000	**349**	**1.04**	**0.87-1.21**
182	Pybus Bay	41,501	62%	1981	390	1.34	1.16-1.52
				84	300	1.02	0.86-1.18
				85	269	1.86	1.60-2.12
				86	235	2.00	1.70-2.29
				87	242	2.03	1.69-2.37
				89	199	2.00	1.63-2.36
				90	221	1.72	1.44-2.01
				92	236	1.13	0.97-1.30
				95	205	1.48	1.23-1.74
				98	256	1.37	1.16-1.59
185	Pleasant Island	8,738	16%	1991	311	1.38	1.18-1.57
				92	210	1.34	1.09-1.59
				93	305	1.77	1.52-2.02
				94	356	1.22	1.04-1.40
				97	300	1.80	1.54-2.06
				99	223	1.82	1.55-2.08
189	Port Althorp	8,040	27%	1988	195	1.80	1.47-2.13
				91	223	1.92	1.55-2.29
				92	261	1.36	1.11-1.60
				93	248	1.39	1.15-1.62
				94	253	1.31	1.06-1.56
				98	281	1.48	1.27-1.70
190	Idaho Inlet	53,183	22%	1988	258	1.34	1.09-1.60
				92	219	0.94	0.69-1.19
				93	305	0.56	0.45-0.68
				94	294	0.71	0.58-0.84
				98	273	1.11	0.92-1.30

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
202	Port Frederick	16,619	52%	1988	242	1.87	1.62-2.13
				96	226	1.02	0.82-1.23
208	First No. 2	6,613	32%	1983	1,155	1.12	1.01-1.22
209	Suntaheen Cr.	13,198	49%	1988	272	1.22	1.00-1.44
				92	271	1.13	0.94-1.33
				93	265	0.73	0.58-0.88
				94	272	1.05	0.81-1.29
				96	276	0.98	0.77-1.18
				97	263	1.50	1.23-1.77
				99	112	1.02	0.69-1.34
211	Point Augusta	4,688	63%	1983	757	1.78	1.62-2.01
				93	286	2.08	1.80-2.36
				97	234	3.30	2.90-3.70
218	Pavlof River	18,866	50%	1988	325	1.78	1.50-2.06
				92	341	1.56	1.32-1.81
				96	349	1.50	1.30-1.70
				97	313	1.71	1.47-1.94
				99	213	2.24	1.83-2.67
221	Whip Station	4,708	53%	1981	193	0.86	0.64-1.08
222	Sand Station	12,231	50%	1981	253	0.60	0.48-0.73
223	Upper Tenakee	3,833	54%	1988	253	1.47	1.24-1.70
				92	265	0.58	0.47-0.70
				93	249	0.47	0.36-0.58
				94	319	0.61	0.48-0.74
				96	263	0.56	0.38-0.75
231	Saltery Bay	18,478	31%	1988	256	2.02	1.69-2.35
				92	256	0.96	0.79-1.14
				93	227	0.76	0.56-0.96
				94	193	0.97	0.79-1.15
				96	152	1.90	1.47-2.33
				97	170	1.99	1.59-2.39
234	Inbetween	6,002	62%	1981	35	0.49	0.08-0.89

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	Pellet-Group 95% CI
235	Kadashan	33,641	53%	1981	96	0.54	0.32-0.76
				88	221	2.67	2.18-3.16
				92	282	1.62	1.38-1.86
				93	385	1.12	0.95-1.30
				94	294	1.39	1.18-1.60
				95	195	2.64	2.20-3.07
				96	204	2.36	1.96-2.76
236	Corner Bay	10,930	66%	1981	60	0.35	0.17-0.53
				92	206	2.27	1.91-2.64
				93	50	1.72	1.25-2.19
				94	198	1.69	1.41-1.98
246	Broad Island	17,145	38%	1981	209	1.41	1.18-1.63
247	Finger Mountain	15,918	38%	1983	2,145	1.17	1.11-1.24
				84	302	1.83	1.57-2.09
				85	279	3.23	2.79-3.67
				86	277	2.88	2.57-3.19
				87	236	3.11	2.71-3.52
				89	305	2.99	2.57-3.40
				90	225	3.36	2.99-3.74
				91	150	3.93	3.36-4.51
				92	207	2.85	2.48-3.22
				93	179	3.03	2.60-3.47
				94	275	2.29	1.96-2.62
				96	221	2.62	2.20-3.04
				97	227	3.53	3.05-4.02
				99	169	3.04	2.59-3.50
				2000	**217**	**2.87**	**2.45-3.30**
249	Lisianski	19,677	24%	1988	255	0.97	0.79-1.14
				91	170	1.53	1.22-1.84
				95	317	0.70	0.56-0.85
				98	321	0.88	0.75-1.02
254	Soapstone	17,695	29%	1988	274	1.92	1.67-2.17
				91	270	2.05	1.77-2.33
				93	243	1.88	1.59-2.16
				94	310	1.34	1.16-1.52
				95	283	1.48	1.27-1.69

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	Pellet-Group 95% CI
271	Chichagof	20,680	10%	1991	301	1.39	1.19-1.58
				95	303	0.98	0.83-1.14
				98	319	1.34	1.16-1.53
275	Cobol	14,618	49%	1984	224	1.15	0.92-1.37
				91	185	2.96	2.37-3.54
				95	218	1.45	1.16-1.74
				98	219	2.19	1.86-2.51
279	Rapids Point	7,637	65%	1983	2,734	0.77	0.73-0.81
281	Ushk Bay	20,770	38%	1981	94	0.63	0.41-0.85
288	Range Creek	6,929	33%	1983	1,788	0.51	0.46-0.55
				84	303	0.71	0.61-0.92
				85	224	1.32	1.02-1.62
				97	353	1.44	1.21-1.67
295	Lake Eva	12,362	65%	1987	172	1.81	1.46-2.15
296	Portage Arm	16,101	59%	1981	213	0.53	0.39-0.68
				90	214	3.09	2.70-3.48
				97	39	1.59	0.86-2.32
298	M. Arm Kelp Bay	28,424	21%	1990	306	2.68	2.35-3.01
				97	100	2.67	2.04-3.30
300	Nakwasina (All Transects)	19,575	48%	1984	196	2.51	2.14-2.88
				85	1046	3.92	3.67-4.17
				86	715	3.50	3.26-3.76

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
300	Nakwasina (Trans. 2,3,8)	19,575	48%	1984	138	2.51	2.10-2.93
				85	218	3.65	3.13-4.17
				86	205	3.38	2.91-3.84
				87	195	2.31	1.90-2.71
				89	244	2.32	2.00-2.65
				90	255	2.98	2.56-3.40
				91	175	3.98	3.39-4.57
				92	223	1.64	1.37-1.90
				93	188	3.15	2.70-3.60
				94	230	1.46	1.24-1.68
				95	216	1.75	1.48-2.10
				96	210	2.82	2.35-3.29
				97	188	2.79	2.31-3.27
				98	217	2.99	2.48-3.49
				99	146	3.20	2.64-3.76
				2000	**181**	**2.64**	**2.23-3.05**
305	Sealion Cove	9,293	69%	1984	320	1.36	1.15-1.58
				85	292	2.57	2.23-2.91
				86	235	2.87	2.44-3.29
				87	226	3.31	2.82-3.80
				89	303	1.75	1.50-2.00
				90	227	2.03	1.71-2.35
				91	219	1.63	1.36-1.91
				92	239	1.30	1.08-1.51
				93	198	1.70	1.38-2.02
				94	221	1.29	1.09-1.48
				95	210	1.30	1.08-1.52
				96	225	1.63	1.35-1.90
				97	223	1.76	1.43-2.10
				98	241	1.71	1.44-1.99
				2000	**201**	**1.42**	**1.09-1.76**
308	South Kruzof	71,158	25%	1993	345	1.62	1.41-1.83
				94	370	1.71	1.52-1.90
				99	365	1.38	1.16-1.58
315	Basin Kelp Bay	8,460	60%	1990	151	1.85	1.41-2.28
321	Redoubt Bay	9,045	58%	1989	304	2.17	1.88-2.47
339	Cape Ommaney	13,725	32%	1988	172	1.74	1.43-2.05
				2000	**270**	**1.26**	**1.02-1.49**

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
344	Whale Bay	na	na	**2000**	**260**	**1.40**	**1.17-1.62**
348	West Crawfish	57,434	16%	1989	360	1.35	1.36-1.57
				2000	**211**	**1.34**	**1.07-1.61**
361	Knight Island	10,419	40%	1991	100	0.81	0.61-1.01
				92	100	0.95	0.74-1.16
				94	90	0.44	0.25-0.64
				96	153	0.00	0.00-0.00
				97	192	0.03	0.01-0.05
363	Humpback	7,721	74%	1991	118	0.01	0.00-0.03
368	Yakutat Islands	1,021	99%	1991	415	0.32	0.24-0.39
				92	243	0.48	0.37-0.58
				93	106	1.07	0.81-1.32
				94	251	0.66	0.52-0.80
				96	379	0.59	0.48-0.69
				97	344	0.59	0.48-0.70
				2000	**145**	**0.90**	**0.85-0.95**
369	Ankau	na	na	1991	116	0.03	0.00-0.05
400	Security Bay	28,040	79%	1984	360	0.02	0.01-0.04
				89	304	0.25	0.16-0.34
				95	268	0.22	0.15-0.29
				2000	**200**	**0.09**	**0.05-0.14**
403	Pillar Bay	28,227	65%	1988	337	0.16	0.10-0.22
				2000	**265**	**0.18**	**0.13-0.23**
408	Malmesbury	18,151	68%	1990	206	0.11	0.05-0.18
				2000	**254**	**0.06**	**0.03-0.09**
417	Conclusion Island	12,561	99%	1987	207	2.66	2.32-3.01
				89	200	0.95	0.72-1.18
				91	200	0.71	0.53-0.88
				96	191	1.45	1.19-1.70
427	Big John Bay	32,711	29%	1994	300	0.38	0.29-0.48
428	Rocky Pass	49,403	35%	1989	298	0.40	0.27-0.53

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
431	Point Barrie	22,187	27%	1988	357	0.23	0.17-0.29
				93	375	0.77	0.64-0.90
434a	Big Level Island	727	61%	1981	399	1.54	1.45-1.63
				83	336	1.56	
				86	382	1.66	1.41-1.90
				89	227	1.07	
				91	456	2.16	1.90-2.41
				99	427	2.00	1.74-2.26
434b	Little Level Island	263	92%	1981	114	2.48	2.02-2.94
				83	136	2.34	
				86	122	1.39	1.07-1.70
				89	137	1.52	
				91	132	3.59	3.07-4.11
				99	123	2.84	2.28-3.40
435	Castle River	32,724	36%	1984	312	0.19	0.12-0.26
				87	305	0.51	0.37-0.65
				89	312	0.40	0.25-0.56
				94	310	0.32	0.24-0.40
				98	281	0.36	0.28-0.44
437	E. Duncan	23,744	55%	1990	227	1.12	0.92-1.32
				92	213	0.78	0.63-0.94
				98	153	1.04	0.77-1.30
442	Portage Bay	11,269	49%	1993	282	0.43	0.31-0.56
				95	277	0.43	0.33-0.53
				98	285	0.39	0.29-0.49

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
448	Woewodski	20,931	53%	1984	295	0.88	0.69-1.08
				85	209	1.00	0.82-1.19
				87	195	1.65	1.85-2.61
				88	433	1.33	1.16-1.51
				89	417	1.35	1.24-1.73
				90	355	1.46	1.28-1.64
				91	316	1.80	1.52-2.07
				92	248	0.79	0.62-0.97
				93	230	1.06	0.85-1.27
				94	152	1.14	0.82-1.46
				95	157	1.38	1.08-1.67
				96	243	2.25	1.95-2.55
				97	282	1.56	1.27-1.84
				98	282	1.10	0.91-1.29
				99	196	1.36	1.11-1.60
				2000	**226**	**1.27**	**1.05-1.50**
448a	Woewodski Island	20,931	53%	1991	461	1.86	1.66-2.05
				94	510	1.30	1.15-1.46
449	Frederick	6,835	70%	1981	945	0.08	0.06-0.11
				90	180	0.55	0.36-0.74
				92	227	0.54	0.42-0.65
452	Blind Slough	30,655	55%	1990	324	1.35	1.15-1.56
				92	114	1.04	0.77-1.30
				93	265	1.28	1.04-1.51
				97	245	1.61	1.34-1.88
454	Dry	11,033	74%	1981	91	0.92	0.56-1.28
				93	210	1.44	1.17-1.72
				97	188	1.26	0.88-1.39
455	Vank	8,437	99%				
	a) Sokolof			1981	900	1.73	1.61-1.85
				99	360	0.92	0.76-1.08
	b) Rynda			1981	281	0.25	0.18-0.32
				99	280	0.27	0.18-0.36
	c) Greys			1981	284	0.25	0.18-0.32

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
458	Snow Passage	31,572	46%	1994	345	0.58	0.45-0.70
				97	315	0.98	0.80-1.16
461	Woronkofski (All Transects)	14,500	63%	1985	646	1.63	1.45-1.81
461	Woronkofski (Trans. 10,11,12)			1985	218	2.01	1.62-2.39
				87	201	2.23	1.85-2.61
				89	223	2.52	2.18-2.85
				91	203	1.59	1.32-1.85
				93	225	0.22	0.13-0.31
				94	224	0.26	0.18-0.34
				99	216	0.11	0.06-0.17
467	Mosman	25,573	54%	1993	304	0.07	0.03-0.11
473	Onslow	28,947	55%	1984	321	0.37	0.28-0.46
				85	334	0.59	0.48-0.70
				86	347	0.72	0.59-0.84
				87	336	0.42	0.31-0.55
				88	329	0.44	0.32-0.55
				91	322	0.66	0.51-0.80
				93	341	0.68	0.55-0.82
				94	340	0.88	0.74-1.02
				97	346	0.73	0.59-0.86
480	Fools Inlet	30,906	44%	1994	194	0.54	0.38-0.70
489	Muddy River	40,275	37%	1996	348	1.53	1.26-1.80
490	Horn	9,815	55%	1998	250	0.60	0.47-0.74
524	Frosty Bay	17,959	41%	1991	266	0.70	0.55-0.86
527	Protection	6,257	100%	1997	332	1.15	0.99-1.30
				98	281	0.59	0.47-0.71
				2000	**325**	**0.56**	**0.46-0.66**
528	Mt. Calder	9,232	83%	1988	252	2.14	1.78-2.49
				97	272	1.17	0.96-1.39
				99	165	0.48	0.31-0.62

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
532	Red Bay	15,145	66%	1987	177	0.32	0.18-0.47
				94	256	0.94	0.74-1.14
				96	281	1.19	0.97-1.41
				97	248	1.07	0.89-1.25
				98	283	0.73	0.59-0.88
539	Exchange Cove	10,406	74%	1988	266	1.39	1.15-1.64
				92	125	1.10	0.83-1.38
				97	303	1.25	1.04-1.46
549	Sarheen	11,875	52%	1989	310	1.73	1.44-2.01
				96	334	1.00	0.83-1.16
				97	330	1.00	0.85-1.14
				98	355	0.42	0.33-0.51
				99	284	0.64	0.51-0.78
				2000	**293**	**0.98**	**0.78-1.17**
554	Sarkar	32,183	60%	1988	298	1.28	1.06-1.50
				92	125	1.10	0.83-1.38
				94	292	0.92	0.77-1.07
				97	263	0.61	0.48-0.74
				98	312	0.29	0.21-0.37
				99	281	0.74	0.60-0.88
561	Warm Chuck	12,348	85%	1984	326	1.02	1.02-1.38
				85	295	1.60	1.36-1.84
				89	302	2.21	1.91-2.50
				91	291	2.05	1.73-2.37
				96	276	1.39	1.17-1.61
				97	247	1.21	1.01-1.41
				98	246	1.29	1.08-1.51
				2000	**288**	**0.99**	**0.81-1.16**
564	Coronation	19,107	69%	1983	696	1.20	1.04-1.36
				85	228	2.34	
				88	408	1.41	1.17-1.66
				89	293	1.63	1.28-1.98
				97	289	0.44	0.34-0.55
569	Baker	31,802	68%	1991	256	0.08	0.04-0.12
				97	250	0.14	0.08-0.20

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	Pellet-Group 95% CI
575	Thorne Lake	17,970	68%	1992	334	1.20	1.03-1.37
				94	293	0.76	0.62-0.91
				95	299	1.27	1.09-1.45
				97	303	0.84	0.66-0.96
				98	316	0.87	0.71-1.03
				99	231	1.02	0.83-1.21
				2000	**311**	**1.28**	**1.06-1.51**
578	Snakey Lakes	6,431	84%	1986	279	0.62	0.51-0.73
				88	300	1.05	0.84-1.26
				89	200	1.56	1.26-1.86
				93	356	0.77	0.61-0.93
				97	310	1.39	1.17-1.60
				98	225	0.71	0.55-0.87
				99	250	0.86	0.67-1.05
				2000	**263**	**1.55**	**1.24-1.86**
581	Luck Lake	19,818	67%	1986	178	1.74	1.41-2.07
				88	300	2.11	1.80-2.41
				93	175	1.10	0.87-1.32
584	Little Ratz	12,392	65%	1992	272	0.94	0.76-1.13
				97	255	1.93	1.64-2.21
				98	282	0.78	0.64-0.91
				2000	**304**	**1.38**	**1.18-1.59**
587	Tuxekan	12,129	77%	1988	300	1.06	0.84-1.28
				97	314	1.04	0.87-1.22
				98	353	0.48	0.37-0.58
				99	328	1.26	1.03-1.49
621	12 Mile	23,344	59%	1985	196	0.31	0.19-0.43
				86	300	0.64	0.48-0.81
				87	370	0.65	0.49-0.81
				88	302	0.62	0.46-0.77
				89	235	0.78	0.59-0.98
				90	176	1.18	0.84-1.52
				91	231	1.84	1.48-2.21
				92	250	0.43	0.32-0.55
				93	258	0.84	0.63-1.05
				94	324	0.93	0.76-1.09
				97	202	1.45	1.10-1.79
				98	280	0.83	0.63-1.02

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
625	Trocadero	16,624	75%	1995	235	1.74	1.41-2.06
				97	235	1.18	0.97-1.38
				98	267	0.97	0.78-1.16
628	Pt. Amagura	10,477	26%	1997	255	1.04	0.83-1.24
				98	325	0.93	0.78-1.08
635	Port Refugio	9,118	50%	1985	317	2.69	2.27-3.12
				86	324	2.52	2.09-2.96
				87	369	1.76	1.46-2.07
				88	270	1.15	0.90-1.40
				89	507	0.80	0.68-0.93
				90	232	1.25	1.03-1.48
				91	367	1.13	0.95-1.32
				92	254	0.76	0.57-0.95
				93	213	1.35	0.98-1.71
				94	280	1.85	1.51-2.19
				97	276	0.82	0.65-1.00
				98	315	0.78	0.61-0.96
				2000	**272**	**0.94**	**0.75-1.13**
679	Kitkun Bay	15,359	75%	1988	240	0.31	0.20-0.42
				89	273	0.89	0.71-1.07
				95	264	0.40	0.28-0.52
				97	261	0.31	0.19-0.44
685	Nutkwa	17,079	73%	1988	234	0.09	0.02-0.16
716	Helm Bay	16,127	57%	1981	704	0.16	0.12-0.19
				84	302	0.54	0.44-0.65
				85	181	0.85	0.65-1.05
				88	247	1.66	1.38-1.95
				91	240	1.63	1.35-1.92
				92	169	1.25	0.96-1.53
				93	286	1.37	1.16-1.59
				95	284	1.31	1.09-1.52
				97	265	0.79	0.65-0.99
				98	232	0.44	0.34-0.55
				99	182	0.70	0.53-0.87

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
719	Port Stewart	21,482	55%	1993	289	1.22	1.03-1.42
				95	278	1.61	1.35-1.87
				97	289	1.29	1.08-1.50
				99	182	0.77	0.57-0.97
722	Spacious Bay	31,461	44%	1993	300	0.54	0.43-0.64
				95	283	0.45	0.35-0.54
				97	276	0.43	0.33-0.53
				99	161	0.09	0.04-0.13
738	Margaret	19,286	67%	1985	515	0.57	0.47-0.66
				86	251	0.84	0.69-1.00
				88	110	1.31	0.96-1.67
				89	129	0.62	0.44-0.80
				90	274	0.56	0.44-0.68
				91	272	0.76	0.58-0.94
				93	281	0.31	0.23-0.39
				95	304	0.70	0.56-0.84
				97	297	0.56	0.43-0.68
				99	264	0.47	0.98-1.45
748	George Inlet	19,448	28%	1981	110	0.21	0.09-0.33
				84	344	0.27	0.19-0.35
				85	313	0.52	0.39-0.65
				89	169	1.41	1.08-1.75
				90	240	1.03	0.82-1.25
				91	168	1.49	1.15-1.84
				92	195	0.65	0.49-0.81
				94	309	0.95	0.79-1.11
				96	305	0.98	0.76-1.19
				98	314	0.52	0.40-0.65
				2000	**270**	**0.51**	**0.38-0.64**
752	Whitman Lake	6,015	38%	1981	45	0.18	0.02-0.33
				87	187	0.16	0.09-0.23
				90	193	0.46	0.32-0.59
				92	189	0.20	0.12-0.28
				97	181	0.81	0.63-0.98
				98	209	0.47	0.33-0.61

Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	95% CI
758	Carroll Pt.	11,629	34%	1985	118	0.66	0.46-0.86
				86	118	0.75	0.56-0.95
				88	85	1.15	0.81-1.48
				92	87	0.28	0.14-0.41
				94	125	0.70	0.49-0.90
				98	125	0.51	0.38-0.64
759	Moth Bay	7,652	23%	1985	140	0.59	0.42-0.74
				86	156	0.98	0.79-1.17
				88	78	0.71	0.46-0.97
				92	136	0.48	0.30-0.66
				94	136	0.94	0.71-1.17
				98	176	0.68	0.53-0.82
760	Lucky Cove	12,377	43%	1985	335	1.16	1.00-1.33
				86	258	1.16	0.95-1.32
				88	65	1.01	0.68-1.34
				90	263	1.10	0.92-1.27
				91	271	1.39	1.07-1.70
764	Blank Inlet	3,640	19%	1981	108	1.24	0.89-1.59
765	Dall Head	4,803	63%	1981	69	0.52	0.31-0.74
				96	295	1.07	0.90-1.24
				98	287	0.84	0.67-1.01
				2000	**285**	**0.96**	**0.77-1.14**
767	Duke Island	39,171	17%	1996	294	0.05	0.02-0.09
				2000	**282**	**0.13**	**0.08-0.18**
769	Alava Bay	13,563	60%	1985	311	0.52	0.39-0.65
				86	326	0.85	0.68-1.01
				91	143	1.64	1.22-2.05
				94	326	0.79	0.64-0.94
				96	324	0.93	0.77-1.09
				98	335	0.66	0.52-0.79
				2000	**329**	**0.75**	**0.56-0.93**
772	Wasp Cove	4,882	90%	1985	271	0.41	0.31-0.51
				86	300	0.50	0.38-0.62
				89	145	0.58	0.39-0.77
				91	207	0.13	0.07-0.18

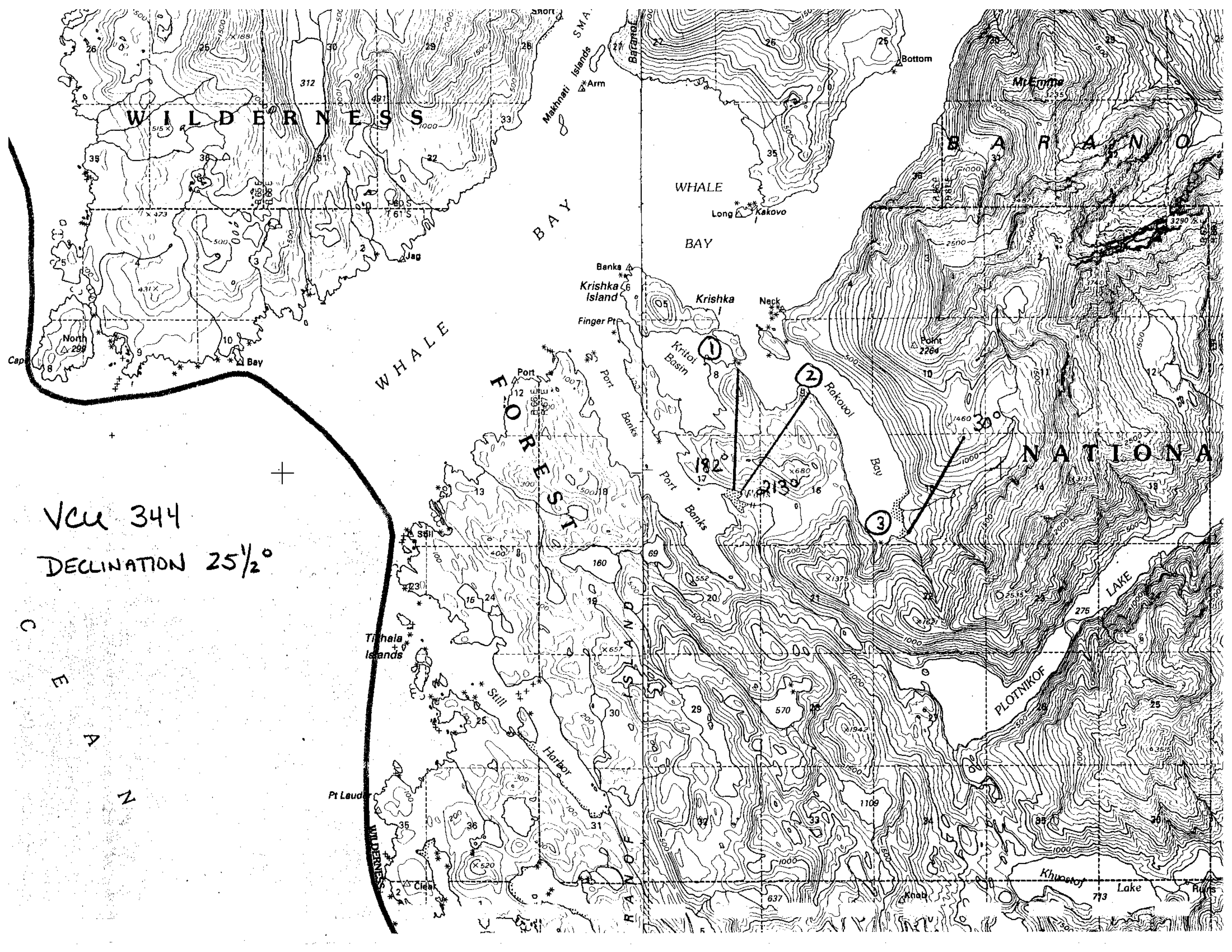
Table 1. Continued.

VCU	Name	Land Acres	% CFL	Year	Plots	Pellet-Group Mean	Pellet-Group 95% CI
821	Winstanley Island	14,104	45%	1991	49	0.27	0.11-0.42
999	Gravina (All Transects)	na	na	1981	226	1.06	0.89-1.22
				84	1,087	0.86	0.78-0.94
				85	1,172	1.23	1.13-1.32
				86	1,267	1.40	1.30-1.50
999	Gravina (Trans. 1,2,3)			1984	376	0.88	0.73-1.03
				85	224	1.44	1.20-1.67
				86	346	1.62	1.43-1.81
				87	334	1.63	1.41-1.84
				88	278	2.06	1.78-2.35
				89	182	1.13	0.86-1.41
				90	279	1.40	1.12-1.68
				91	154	1.12	0.80-1.43
				92	302	1.22	1.05-1.38
				94	331	1.58	1.37-1.79
				96	338	1.47	1.28-1.67
				97	274	1.71	1.47-1.95
				98	307	1.34	1.12-1.56
				2000	**267**	**1.24**	**1.06-1.42**

APPENDIX I

New VCU's Sampled in 2000[a]

[a] Transect location forms for these and all other VCU's are located in the ADF&G Southeast Regional Office, Douglas.


VCU 344
DECLINATION 25½°
WILDERNESS
WHALE BAY
FOREST
BARANO
NATIONA
Krishka Island
Finger Pt
Port Banks
Kritoi Basin
Rakovoi Bay
PLOTNIKOF LAKE
Still Harbor
Tichaia Islands
Pt Lauder
Makhnati Islands
182°
213°
30°
1
2
3

APPENDIX II

Winter Weather Conditions

2000

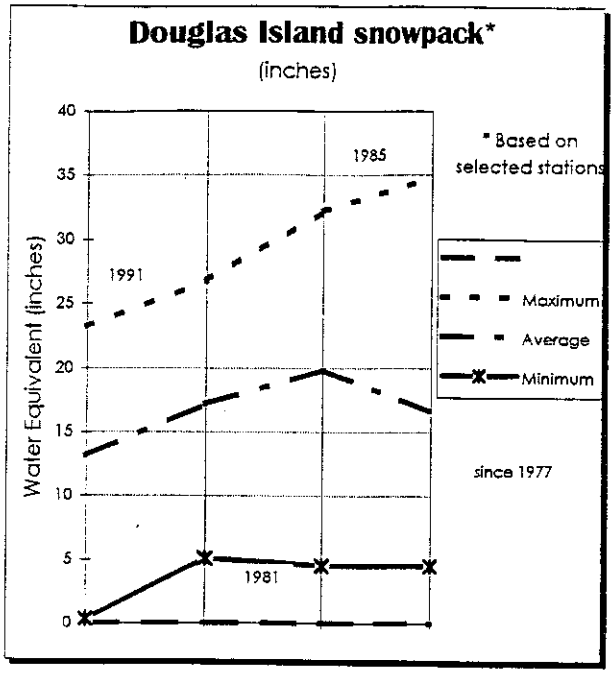
Winter Weather Conditions

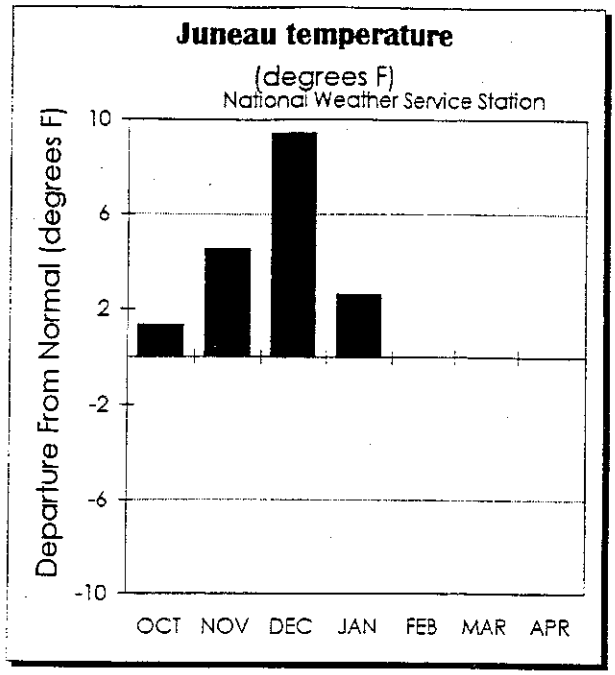
January - April 2000

Data from: Alaska Snow Surveys, USDA Soil Conservation Service, Anchorage, AK.
Monthly reports on file, ADF&G, Douglas.

Southeast

February 1, 2000





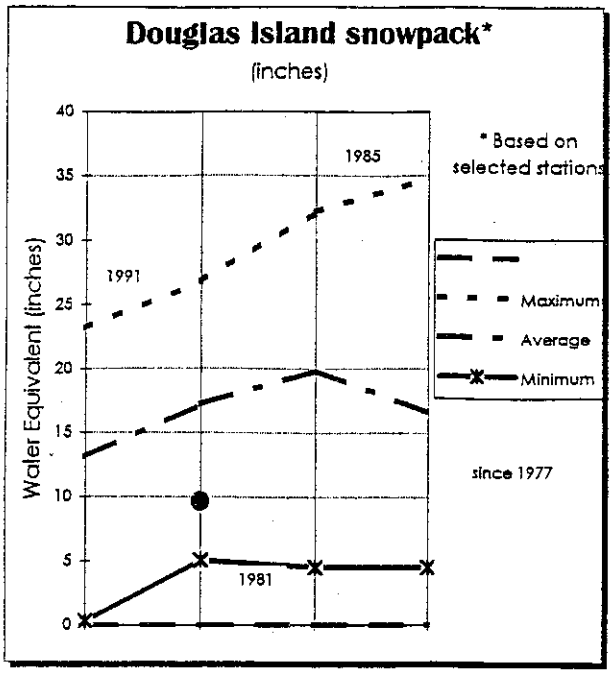
SNOWCOVER:

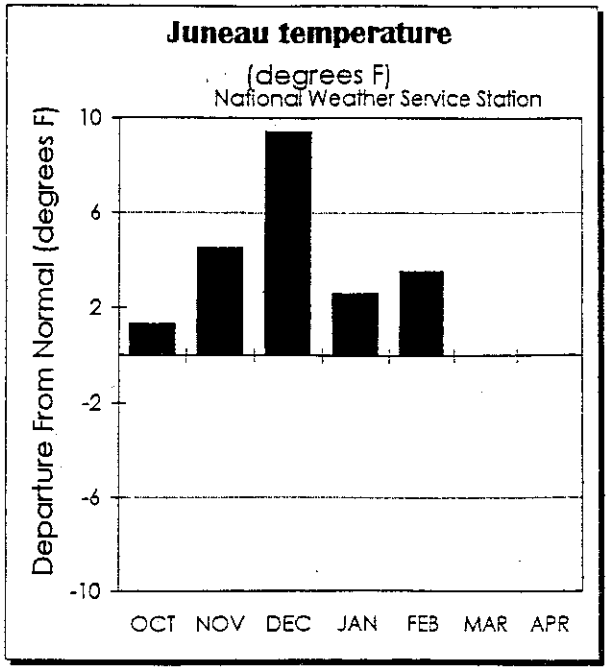
The Swan Lake snow courses near Ketchikan were measured. Lake Grace Pass has 97 inches of snow with 37.0 inches of water content. This is probably a near normal of slightly above normal snowpack. The Long Lake SNOTEL site, at the Snettisham Hydro-electric project near Juneau showed 82 inches of snow and 36.3 inches of water content. This is 132 percent greater than the average snow water content recorded from the 1967 to 1975 period.
The Douglas Island snow courses near Juneau were not measured, we need a volunteer.

For more information contact your local Natural Resources Conservation Service in Anchorage: (907) 271-2424

Southeast

March 1, 2000





SNOWCOVER:

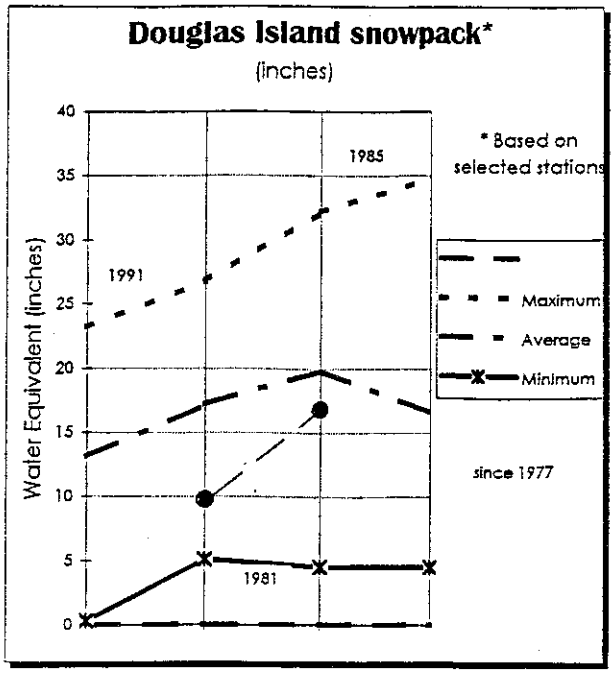
The Douglas Island snow courses were measured: Cropely Lake is 55 percent of normal, Eagle Crest is 89 percent of normal and Fish Creek, elevation 500 feet, has no snow where it generally has nearly 2 feet, 23 inches.

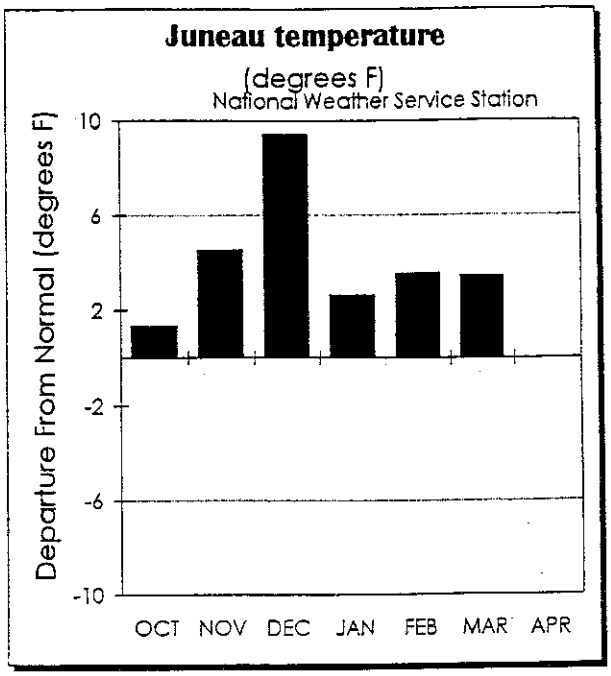
The Petersburg snow courses are currently 76 percent of last year and 96 percent of normal. The Long Lake SNOTEL site, southeast of Juneau, has a depth of 97 inches and 44.7 inches of water content. This is 122 percent of the average snow water content recorded from the 1968 through 1975 period.

For more information contact your Natural Resource Conservation Service office in Anchorage: (907) 271-2424.

Southeast

April 1, 2000





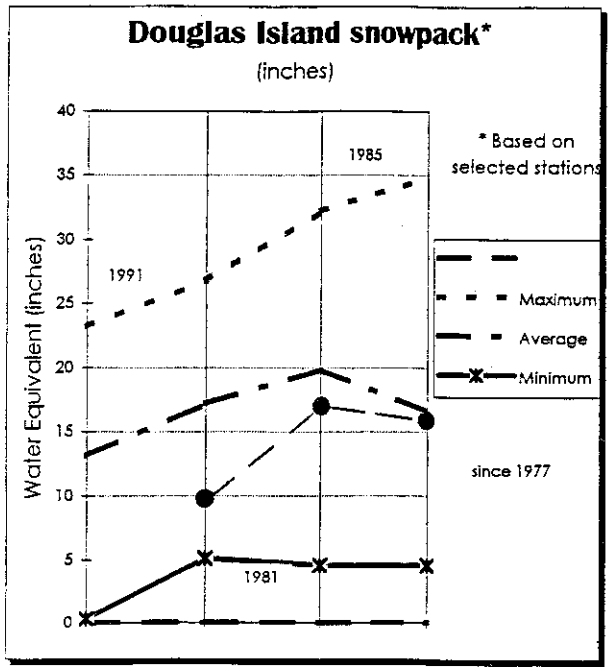
SNOWCOVER:

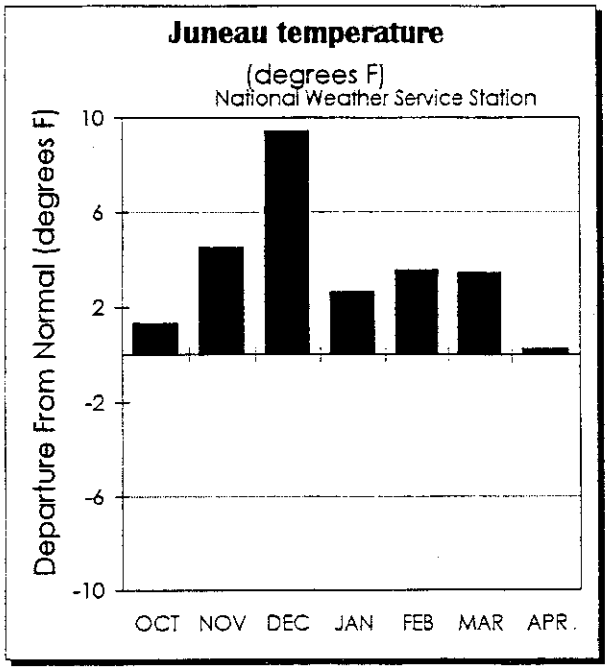
The upper elevation snow courses measured at Petersburg, Petersburg Ridge, and Douglas Island, Cropley Lake both had better than 230 percent their normal monthly increase of snow water content. Cropley Lake is still below normal at 84 percent while Petersburg Ridge jumped up from normal last month to 138 percent of normal this month. The Long Lake SNOTEL site, southeast of Juneau, near the Snettisham Hydroelectric facility currently reads as of April 1st, 112 inches of snow with 56.8 inches of snow water content. This was an increase of 8.1 inches of water content from last month.

For more information contact the Anchorage Natural Resources Conservation Service office in Anchorage: (907) 271-2424.

Southeast

May 1, 2000





SNOWCOVER:

The Long Lake SNOTEL site had 99 inches of snow and 47.8 inches of water content. Using an average of 6 years (1968-74) when snow was measured, it is 96 percent of that six year normal. Cropley Lake snow course on Douglas Island is 101 percent of normal.

The Petersburg Ridge snow course is 133 percent of normal while the lower elevation snow course Petersburg Reservoir, has melted out.

For more information contact the Anchorage Natural Resources Conservation Service office in Anchorage: (907)271-2424.

APPENDIX III

Pellet-Group Densities
Reported by Transect and Elevation

Table 2. Mean Pellet-group counts per 20-m plot, by Transect, Spring 2000.

			Pellet-group count
North Douglas	Transect	1	.97
		2	.71
		3	.95
Inner Point	Transect	1	1.53
		2	1.00
		3	.83
Hood Bay	Transect	1	.89
		2	1.15
		3	1.07
Finger Mountain	Transect	1	3.02
		2	3.42
		3	1.16
Nakwasina	Transect	2	1.77
		3	3.24
		8	2.59
Sealion Cove	Transect	1	.62
		2	2.16
		3	1.02
Cape Ommaney	Transect	2	1.88
		3	.94
		4	1.23
Whale Bay	Transect	1	1.36
		2	1.66
		3	1.10
West Crawfish	Transect	1	.52
		2	2.37
		3	1.39
Yakutat Islands	Transect	1	.90
Security Bay	Transect	1	.10
		3	.09
Pillar Bay	Transect	1	.07
		2	.18
		3	.24
Malmesbury	Transect	1	.06
		2	.04
		3	.10
Woewodski	Transect	1	1.35
		2	1.27
		3	1.21
Protection	Transect	1	.54
		2	.67
		3	.49
Sarheen	Transect	1	.83
		2	.96
		3	1.26
Warm Chuck	Transect	1	1.20
		2	.75
		3	1.02

Table 2. Mean Pellet-group counts per 20-m plot, by Transect, Spring 2000.

			Pellet-group count
Honker Divide	Transect	1	1.99
		2	1.20
		3	.69
Snakey Lakes	Transect	1	1.97
		2	1.22
		3	1.72
Sal Creek	Transect	1	1.01
		2	1.25
		3	1.95
		4	1.57
Port Refugio	Transect	1	.60
		2	1.47
		3	.79
George Inlet	Transect	1	.85
		2	.57
		3	.22
Dall Head	Transect	1	1.43
		2	1.04
		3	.30
Duke Island	Transect	1	.12
		2	.19
		3	.08
Alava Bay	Transect	1	1.09
		2	.62
		3	.51
Gravina	Transect	1	1.33
		2	1.20
		3	1.20

Table 3. Mean Pellet-group counts per 20-m plot, by Elevation, Spring 2000.

		Pellet-group count
North Douglas	0-500 ft	.70
	501-1000 ft	.66
	1001-1500 ft	1.55
Inner Point	0-500 ft	1.19
	501-1000 ft	1.00
	1001-1500 ft	.74
Hood Bay	0-500 ft	.90
	501-1000 ft	1.56
	1001-1500 ft	1.14
Finger Mountain	0-500 ft	3.25
	501-1000 ft	1.88
	1001-1500 ft	.92
Nakwasina	0-500 ft	3.10
	501-1000 ft	2.78
	1001-1500 ft	1.58
Sealion Cove	0-500 ft	1.71
	501-1000 ft	1.28
	1001-1500 ft	.30
Cape Ommaney	0-500 ft	1.06
	501-1000 ft	1.75
	1001-1500 ft	1.41
Whale Bay	0-500 ft	1.35
	501-1000 ft	2.08
	1001-1500 ft	.70
West Crawfish	0-500 ft	1.09
	501-1000 ft	1.96
	1001-1500 ft	2.10
Yakutat Islands	0-500 ft	.90
Security Bay	0-500 ft	.07
	501-1000 ft	.18
Pillar Bay	0-500 ft	.18
	501-1000 ft	.13
	1001-1500 ft	.17
Malmesbury	0-500 ft	.04
	501-1000 ft	.09
	1001-1500 ft	.09
Woewodski	0-500 ft	.73
	501-1000 ft	1.19
	1001-1500 ft	1.79
Protection	0-500 ft	.56
Sarheen	0-500 ft	.99
	501-1000 ft	.86
Warm Chuck	0-500 ft	.94
	501-1000 ft	1.37
	1001-1500 ft	1.27
Honker Divide	0-500 ft	.82
	501-1000 ft	1.73
	1001-1500 ft	3.06

Table 3. Mean Pellet-group counts per 20-m plot, by Elevation, Spring 2000.

		Pellet-group count
Snakey Lakes	0-500 ft	1.52
	501-1000 ft	.21
	1001-1500 ft	2.43
Sal Creek	0-500 ft	1.47
	501-1000 ft	1.60
	1001-1500 ft	.94
Port Refugio	0-500 ft	.73
	501-1000 ft	1.26
	1001-1500 ft	2.00
George Inlet	0-500 ft	.37
	501-1000 ft	1.00
	1001-1500 ft	2.36
Dall Head	0-500 ft	1.03
	501-1000 ft	.38
	1001-1500 ft	.00
Duke Island	0-500 ft	.13
Alava Bay	0-500 ft	.88
	501-1000 ft	.41
	1001-1500 ft	.39
Gravina	0-500 ft	1.41
	501-1000 ft	.99
	1001-1500 ft	.56