

For:
Data
manager

Exclosure Study (GZTX)
Bite Count Utilization

July 1999

Data sheets

DATE 6 July 1999

COMPUTER FILE NAME=

YEAR	SITE #	TREATMENT (GZ or UN)		TRAN SECT	SPECIE	COUNT	DOTS	NOTES
		Previous	Now					
99	5A	GZ	GZ	01	AGSM	01	:	no bites
					BOGR	12	☒:	
99	5A	GZ	GZ	02	/ / / /	/ /	—	
99	5A	GZ	GZ	03	BOGR	01	'	
99	5A	GZ	GZ	04	BOGR	63	☒☒☒☒☒☒;	
					CAHE	04	::	
					SPCO	04	::	
					AGSM	16	☒☒X#~~~~~	
99	5A	GZ	GZ	05	BOGR	72	☒☒☒☒☒☒;	
					CAHE	01	.	
					AGSM	03	::	
					SPCO	01	'	
99	5A	UN	UN	01	—	—		} no bites
99	5A	UN	UN	02	—	—		
99	5A	UN	UN	03	—	—		
99	5A	UN	UN	04	—	—		
99	5A	UN	UN	05	—	—		
99	5A	UN	GZ	01	AGSM	17	☒☐	
					BOGR	05	::	
					CAHE	01	'	
99	5A	UN	GZ	02	BOGR	08	☐	
					AGSM	06	☐	
					SEPA	02	"	
					ASOX	03	::	
99	5A	UN	GZ	03	AGSM	06	☐	
					SEPA	02	"	
					BOGR	02	"	
99	5A	UN	GZ	04	AGSM	08	☐	
					BOGR	08	☐	
99	5A	UN	GZ	05	BOGR	04	::	

Site 5B
p. 1 of 1

Chris + Sarah

EXCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

DATE 6 July 1999

COMPUTER FILE NAME=

YEAR	SITE #	TREATMENT (GZ or UN)		TRAN SECT	SPECIE	COUNT	DOTS	NOTES
		Previous	Now					
99	5B	U	N G Z	01	A G S M	02	::	
					B O G R	12	⊗	
					C A H E	05	::	
99	5B	U	N G Z	02	B O G R	04	::	
					A S O X	01	.	
99	5B	U	N G Z	03	A G S M	09	⊗	
					C A H E	04	::	
					B O G R	08	⊗	
99	5B	U	N G Z	04	B O G R	02	::	
99	5B	U	N G Z	05	A G S M	04	::	
					B O G R	04	::	
					C A H E	03	::	
99	5B	U	N U N	01	/ / / /	/ /	—	no bites
99	5B	U	N U N	02	S T C O	01	.	
99	5B	U	N U N	03	S T C O	01	.	
99	5B	U	N U N	04	/ / / /	/ /	—	no bites
99	5B	U	N U N	05	/ / / /	/ /	—	no bites
99	5B	G	Z G Z	01	B O G R	03	::	
					A G S M	04	::	
99	5B	G	Z G Z	02	C A H E	01	.	
					B O G R	07	⊗	
					A G S M	02	::	
99	5B	G	Z G Z	03	B U D A	01	.	
					B O G R	07	⊗	
					C A H E	01	.	
99	5B	G	Z G Z	04	C A H E	02	::	
					B O G R	09	⊗	
					A S O X	01	.	
99	5B	G	Z G Z	05	—	—	—	no bites

EXCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

DATE 6 July 1999

COMPUTER FILE NAME=

Sarah
Quinn
Laurel
Harley

YEAR	SITE #	TREATMENT (GZ or UN) Previous Now	TRAN SECT	SPECIE	COUNT	DOTS	NOTES
99	074	N	01				
99	074	N	02				
99	074	N	03				
99	074	N	04				
99	074	N	05				
99	074	N	06	BOG	71	XXXXXX	XXXXXX
				CAHE	14	XX	
				AGSM	46	XXXXXX	
				SIHY	01		
				BUDA	02		
				STCO	21	XX	
				SPCO	01		
				ARLO	03		

DATE 6 July 1999 COMPUTER FILE NAME=

DATE 6 July 1999

COMPUTER FILE NAME=

From
Laurie & Sarah

UN G2 03 " is on p. 1 of these 3

EXCLOSURE STUDY (GTX) BITE COUNT UTILIZATION

DATE 6 JUL / 1999 COMPUTER FILE NAME=

YEAR	SITE #	TREATMENT (GZ or UN) Previous Now	TRAN SECT	SPECIE	COUNT	DOTS	NOTES
99	07	GZ	01	AGSM	35	XXXX	
99	07	GZ	02	BGGR	44	XXXX	
99	07	GZ	03	CAHE	03		
99	07	GZ	04	OE	01		
99	07	GZ	05	SPCR	16	XXXX	
99	07	GZ	06	BGGR	45	XXXX	
99	07	GZ	07	SPCR	01		
99	07	GZ	08	AGSM	03		
99	07	GZ	09	SPCO	01		
99	07	GZ	10	SIHY	01		
99	07	GZ	11	CAHE	15	XX	
99	07	GZ	12	CAHE	11	XX	
99	07	GZ	13	BGGR	22	XX	
99	07	GZ	14	STCO	03		
99	07	GZ	15	STCO	17	XX	
99	07	GZ	16	CAHE	20	XX	
99	07	GZ	17	BGGR	36	XXXX	
99	07	GZ	18	AGSM	08	XX	
99	07	GZ	19	SPCR	07		
99	07	GZ	20	SIHY	03		
99	07	GZ	21	BGGR	55	XXXX	
99	07	GZ	22	CAHE	26	XXXX	
99	07	GZ	23	AGSM	02		
99	07	GZ	24	SPCO	03		
99	07	GZ	25	SPCR	03		

580

DATE 6 July 1999

COMPUTER FILE NAME=

[illegible]

EXCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

DATE 6 July 1999

COMPUTER FILE NAME=

YEAR	SITE #	TREATMENT (GZ or UN)		TRAN SECT	SPECIE	COUNT	DOTS	NOTES
		Previous	Now					
99	11	U	N	GZ	01	AGSM	07	□
						CAHE	07	□
99	11	U	N	GZ	02	BOGR	12	□
						BUDA	03	□
						CAHE	06	□
						AGSM	01	□
99	11	U	N	GZ	03	CAHE	04	□
						BOGR	06	□
99	11	U	N	GZ	04	CAHE	02	□
						BOGR	08	□
						AGSM	02	□
99	11	U	N	GZ	05	BOGR	18	□ □
						AGSM	08	□
						THFI	01	□
						CAHE	06	□
						BUDA	04	□
99	11	U	N	UN	01	—	—	
99	11	U	N	UN	02	—	—	
99	11	U	N	UN	03	—	—	
99	11	U	N	UN	04	—	—	
99	11	U	N	UN	05	—	—	

140 Bites

7 July 1999

Site 19

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EXCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

DATE

COMPUTER FILE NAME=

YEAR	SITE #	TREATMENT (GZ or UN)		TRAN SECT	SPECIE	COUNT	DOTS	NOTES
		Previous	Now					
9.9	1.9	U.N	U.N	0.1	---	0.0	---	} NO BITES
9.9	1.9	U.N	U.N	0.2	---	0.0	---	
9.9	1.9	U.N	U.N	0.3	---	0.0	---	
9.9	1.9	U.N	U.N	0.4	---	0.0	---	
9.9	1.9	U.N	U.N	0.5	---	0.0	---	
9.9	1.9	U.N	G.Z	0.1	STCO	0.2	..	
					BOGR	0.1	.	
9.9	1.9	U.N	G.Z	0.2	STCO	0.1	..	
					BOGR	0.1	.	
					BUDA	0.2	..	
9.9	1.9	U.N	G.Z	0.3	STCO	0.4	::	
					BOGR	0.1	.	
9.9	1.9	U.N	G.Z	0.4	STCO	0.2	..	
9.9	1.9	U.N	G.Z	0.5	BOGR	0.2	..	
					STCO	0.1	.	
9.9	1.9	G.Z	G.Z	0.1	BOGR	1.0	☒	
					AGSM	1.3	☒ ::	
9.9	1.9	G.Z	G.Z	0.2	STCO	0.2	..	
					BOGR	0.2	..	
					SPCR	0.1	.	
					AGSM	4.2	☒☒☒☒	
					LEDE	0.1	.	
9.9	1.9	G.Z	G.Z	0.3	SPCR	0.2	..	
					BOGR	0.4	::	
					AGSM	5.6	☒☒☒☒☒☒	
					STCO	0.1	.	
9.9	1.9	G.Z	G.Z	0.4	BOGR	1.1	☒	
					MILI	0.1	.	
					LEDE	0.2	..	
					PIOP	0.3	..	
					STCO	0.1	.	
					SPCO	0.4	::	
					SPCR	0.1	.	

Data
CollectorsL. Hartley
K. WoodmanseeS. Caulkins
C. FarbyS. Quintivan
D. Leiker

P. 2 of 2

COMPUTER FILE NAME=

DATE _____

[illegible]

p. 1 of 2

EXCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

COMPUTER FILE NAME=

very few fresh
cow pies
in the
area

Nicole & Seth

p. 2 of 2

Site 24

EXCLOSURE STUDY (GTX) BITE COUNT UTILIZATION

COMPUTER FILE NAME=

DATE 6 July 1999

YEAR	SITE #	TREATMENT (GZ or UN) Previous Now	TRAN SECT	SPECIE	COUNT	DOTS	NOTES
99	24	G2	01	B OG R	09		
99	24	G2		B U D A	16		
				S P C O	03		
99	24	G2	02	B OG R	04		
				L E M O	01		
99	24	G2	03	B OG R	08		
				S C P A	02		
				B U D A	07		
				S P C O	01		
99	24	G2	04	B U D A	11		
				S P C O	01		
99	24	G2	05	B OG R	04		
				C A H E	01		

file = zxbite 99. ---

Exclosure Study (GZTX)
Bite Count Utilization

July 1999

Data sheets

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DATE _____

COMPUTER FILE NAME=

[illegible]

Site 5B
P. 1 of 1

ENCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

DATE 6 July 1999

COMPUTER FILE NAME=

YEAR	SITE #	TREATMENT (GZ or UN)		TRAN SECT	SPECIE	COUNT	DOTS	NOTES
		Previous	Now					
99	5B	UN	GZ	01	AGSM	02	:	
					BOGR	12	⊗	
					CAHE	05	!:	
99	5B	UN	GZ	02	BOGR	04	::	
					ASOX	01	.	
99	5B	UN	GZ	03	AGSM	09	⊗	
					CAHE	04	::	
					BOGR	08	⊗	
99	5B	UN	GZ	04	BOGR	02	..	
99	5B	UN	GZ	05	AGSM	04	::	
					BOGR	04	::	
					CAHE	03	::	
99	5B	UN	UN	01	/ / / /	/ /	—	no bites
99	5B	UN	UN	02	STCO	01	.	
99	5B	UN	UN	03	STCO	01	.	
99	5B	UN	UN	04	/ / / /	/ /	—	no bites
99	5B	UN	UN	05	/ / / /	/ /	—	no bites
99	5B	GZ	GZ	01	BOGR	03	::	
					AGSM	04	::	
99	5B	GZ	GZ	02	CAHE	01	.	
					BOGR	07	⊞	
					AGSM	02	..	
99	5B	GZ	GZ	03	BUDA	01	.	
					BOGR	07	⊞	
					CAHE	01	.	
99	5B	GZ	GZ	04	CAHE	02	..	
					BOGR	09	⊞	
					ASOX	01	.	
99	5B	GZ	GZ	05	—	—	—	no bites

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Sarah
Quinlivan
& Laurel
Hartley

DATE 6 July 1999

COMPUTER FILE NAME=

[illegible]

DATE 6 July 1999

+	2
+	8
+	47

From
Louise + Sarah

UN G2 03 is on p. 1 of these 3

COMPUTER FILE NAME=



DATE 6 July 1999

COMPUTER FILE NAME=

[illegible]

EXCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

DATE 6 July 1999

COMPUTER FILE NAME=

[illegible]

No Bites

ENCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

COMPUTER FILE NAME=

DATE

YEAR	SITE #	TREATMENT (GZ or UN) Previous Now	TRAN SECT	SPECIE	COUNT	DOTS	NOTES
------	--------	--------------------------------------------	--------------	--------	-------	------	-------

NO BITES

99	19	UN	UN	01			
99	19	UN	UN	02			
99	19	UN	UN	03			
99	19	UN	UN	04			
99	19	UN	UN	05			
99	19	UN	UN	06			
99	19	UN	UN	07			
99	19	UN	UN	08			
99	19	UN	UN	09			
99	19	UN	UN	10			
99	19	UN	UN	11			
99	19	UN	UN	12			
99	19	UN	UN	13			
99	19	UN	UN	14			
99	19	UN	UN	15			
99	19	UN	UN	16			
99	19	UN	UN	17			
99	19	UN	UN	18			
99	19	UN	UN	19			
99	19	UN	UN	20			
99	19	UN	UN	21			
99	19	UN	UN	22			
99	19	UN	UN	23			
99	19	UN	UN	24			
99	19	UN	UN	25			
99	19	UN	UN	26			
99	19	UN	UN	27			
99	19	UN	UN	28			
99	19	UN	UN	29			
99	19	UN	UN	30			
99	19	UN	UN	31			
99	19	UN	UN	32			
99	19	UN	UN	33			
99	19	UN	UN	34			
99	19	UN	UN	35			
99	19	UN	UN	36			
99	19	UN	UN	37			
99	19	UN	UN	38			
99	19	UN	UN	39			
99	19	UN	UN	40			
99	19	UN	UN	41			
99	19	UN	UN	42			
99	19	UN	UN	43			
99	19	UN	UN	44			
99	19	UN	UN	45			
99	19	UN	UN	46			
99	19	UN	UN	47			
99	19	UN	UN	48			
99	19	UN	UN	49			
99	19	UN	UN	50			
99	19	UN	UN	51			
99	19	UN	UN	52			
99	19	UN	UN	53			
99	19	UN	UN	54			
99	19	UN	UN	55			
99	19	UN	UN	56			
99	19	UN	UN	57			
99	19	UN	UN	58			
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99	19	UN	UN	62			
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99	19	UN	UN	66			
99	19	UN	UN	67			
99	19	UN	UN	68			
99	19	UN	UN	69			
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99	19	UN	UN	98			
99	19	UN	UN	99			
99	19	UN	UN	100			
99	19	UN	UN	101			
99	19	UN	UN	102			
99	19	UN	UN	103			
99	19	UN	UN	104			
99	19	UN	UN	105			
99	19	UN	UN	106			
99	19	UN	UN	107			
99	19	UN	UN	108			
99	19	UN	UN	109			
99	19	UN	UN	110			
99	19	UN	UN	111			
99	19	UN	UN	112			
99	19	UN	UN	113			
99	19	UN	UN	114			
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99	19	UN	UN	116			
99	19	UN	UN	117			
99	19	UN	UN	118			
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99	19	UN	UN	122			
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99	19	UN	UN	124			
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99	19	UN	UN	126			
99	19	UN	UN	127			
99	19	UN	UN	128			
99	19	UN	UN	129			
99	19	UN	UN	130			
99	19	UN	UN	131			
99	19	UN	UN	132			
99	19	UN	UN	133			
99	19	UN	UN	134			
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99	19	UN	UN	136			
99	19	UN	UN	137			
99	19	UN	UN	138			
99	19	UN	UN	139			
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99	19	UN	UN	141			
99	19	UN	UN	142			
99	19	UN	UN	143			
99	19	UN	UN	144			
99	19	UN	UN	145			
99	19	UN	UN	146			
99	19	UN	UN	147			
99	19	UN	UN	148			
99	19	UN	UN	149			
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99	19	UN	UN	151			
99	19	UN	UN	152			
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99	19	UN	UN	160			
99	19	UN	UN	161			
99	19	UN	UN	162			
99	19	UN	UN	163			
99	19	UN	UN	164			
99	19	UN	UN	165			
99	19	UN	UN	166			
99	19	UN	UN	167			
99	19	UN	UN	168			
99	19	UN	UN	169			
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99	19	UN	UN	171			
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99	19	UN	UN	191			
99	19	UN	UN	192			
99	19	UN	UN	193			
99	19	UN	UN	194			
99	19	UN	UN	195			
99	19	UN	UN	196			
99	19	UN	UN	197			
99	19	UN	UN	198			
99	19	UN	UN	199			
99	19	UN	UN	200			
99	19	UN	UN	201			
99	19	UN	UN	202			
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99	19	UN	UN	204			
99	19	UN	UN	205			
99	19	UN	UN	206			
99	19	UN	UN	207			
99	19	UN	UN	208			
99	19	UN	UN	209			
99	19	UN	UN	210			
99	19	UN	UN	211			
99	19	UN	UN	212			
99	19	UN	UN	213			
99	19	UN	UN	214			
99	19	UN	UN	215			
99	19	UN	UN	216			
99	19	UN	UN	217			
99	19	UN	UN	218			

COMPUTER FILE NAME=

very few fresh
cows pies
in the
area

Site 24

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Nicole & Seth.

EXCLOSURE STUDY (GZTX) BITE COUNT UTILIZATION

DATE 6 July 1999

COMPUTER FILE NAME=

[illegible]

1999 SGS/LTER PROJECTS

Activity	Description	Frequency	Amount	Crew Size	Time w/ travel	Person Hours & Crew Days**
Flagging Small Mammal Trapping Webs	clearly mark each station on the trapping web	2 / year April and Sept.	6 webs	2	50 min / web	20 hr / year 1.25 days
Moving/Placing Traps on Webs	place trap at each station on the web	2 / year April and Sept.	6 webs	2	1.25 hr / web	30 hr / year 1.87 days
Small Mammal Trapping	open traps, process animals, close traps, wash traps	2 / year April and Sept.	6 webs	3	28 hr / 6 webs	168 hr / year 7 days
Roadside Rodents	flag trap stations, place traps, open and close traps, handle animals, wash traps	1 / year April	6 sites (ea. with trt. and control)	3	24 hr / 6 sites	72 hr / year 3 days
Place Traps for thirteen-lined ground squirrels	place traps at every other station on the web	2/ year June and late July	6 webs	2	50 min / web	20 hr / year 1.25 days
SPTR trapping	open and close traps, process animals, wash traps	2/year June and late July	6 webs	3	50 min / web	30 hr / year 1.25 days
Phenology	record growth stage of selected individuals of different plant species	2 / month April-Oct	1 site	2	1 hr / site	28 hr / year 1.75 days
Minirhizotron	collect video images of roots and below-ground biomass	3 / year April, June, August	7 sites C14 & GZTX	2	2.5 hr / site	105 hr / year 6.56 days
N-Harvest	collect samples of three plant species for nitrogen analysis	1 / month April-October	4 sites	2	1.5 hr / 4 sites	21 hr / year 1.3 days
N-Harvest on Burns	collect samples of three plant species for nitrogen analysis	1 / month April-September	4 sites	2	1 hr / 1 site	48 hr / year 3 days
Root Harvest	take soil cores in ESA to depth of 20 cm	1 / month April-Sept.	1 site w/ 40 cores	4	3 hr / site	72 hr / year 2.25 days
Root Washing	separate roots from soil	1 / month April-Sept.	1 site w/ 40 cores	4	4 hr / site	96 hr / year 3 days
X-Site Clipping	clip vegetation on 10 plots and separate by species	1 / year (every other year) early August	8 blocks	8	1.5 hr / block	96 hr / year 1.5 days
Bite Count	count number of bites on vegetation in grazed areas	1 / year July	6 sites	8	1.5 hr / site	72 hr / year 1.13 days
Bogr Removal Experiment	collect density data of plant species using point-frame and basal cover methods, take digital photos of plots	1 / year June	6 sites	4	2 hr / site	48 hr / year 1.5 days
Oppo Project - GZTX	locate plots and installed plot markers, take digital photos	1 / year June	6 sites	3	45 min. / site	13.5 hr / year 0.56 day
Chart Project	map individuals of different plant species	1 / year June	6 sites with 4 m ² plots in ea.	6	24 hr / site	864 hr / year 18 days

Activity	Description	Frequency	Amount	Crew Size	Time w/ travel	Person Hours & Crew Days**
Point-Frame on ESA	measure density in different ESA blocks	1 (every other year) July	8 blocks	2	2.5 hr / block	40 hr / year 2.5 days
Density on ESA	collect density data in different ESA blocks	1 (every other year) July	8 blocks	8	1.5 hr / block	96 hr / year 1.5 days
Basal Cover and Density in GZTX	collect basal cover and density data of vegetation	1 / year August	6 sites	10	4 hr / site	240 hr / year 3 days
NPP and UTIL Clipping at Grazing Exclosures	harvest plants by species from random plots within each site, move exclosure cages, take digital photos	1 / year August	6 sites (201 plots)	10	5 hr / site	300 hr / year 3.75 days
LTNPP Clipping	harvest plants by species, move exclosure cages, take digital photos	1 / year August	6 sites (90 plots)	4	5 hr / site	120 hr / year 3.75 days
Burn Clipping	harvest plants by species, move exclosure cages	1 / year September	8 sites (80 plots) (we clipped 4 sites, 40 plots)	4	5 hr / site	80 hr / year 2.5 days
Oppo and Shrub Studies on 1998 and 1999 Burns	study oppo density and health on 1998 and 1999 burns, measure shrub dimensions on 1999 burn (nails missing from 1998 burn so study couldn't be conducted there)	1 / year Sept. (normally done in June)	8 sites	2	1 hr / site	16 hr / year 1 day
Bogr Seed Harvest	collect culms of bogr and measure individual plants	1 / year Sept.	10 sites (only 9 in 1999)	2	2 hr / site	36 hr / year 2.25 days
Moving Cages On and Off Burn Sites	install cages in spring, remove cages in fall	2 / year April and late Sept.	8 plots (80 cages)	2	1 hr / plot	32 hr / year 2 days
Rabbit Count	conduct a night-time census of rabbits along a designated road route	4 / year Jan., April, July (3X), Oct extra trials conducted in July this year to test statistical errors	1 transect	5	4 hr / transect	120 hr / year 3 days
Scat Count	pre-census and census carnivore scat on a designated road route	8 / year 2x each month Jan., April, July, Oct.	1 transect	3	4 hr / transect	96 hr / year 4 days
Arthropod Census on Trapping Webs Arthropod Census on Catena	open/repair pitfall traps, identify captured inverts, close traps	1 / month April-Sept.	6 sites	3	1 hr / site	108 hr / year 4.5 days
	open/repair pitfall traps, identify captured inverts, close traps	1 / month April-Sept.	1 site	3	1.5 hr / site	81 hr / year 3.38 days
Data Management	proof-read data sheets, copy data sheets, enter data in computer files	4 / month April-October	NA	2	1 hr	48 hr / year 3.5 days

Projects conducted on and off Prairie Dog Towns: Activity	Description	Frequency	Amount	Crew Size	Time w/ travel	Person Hours & Crew Days**
Animal Survey	survey for vertebrates	2 / month April-Oct.	8 plots	5	50 min/plot	467 hr / season 12 days
*Small Mammal Pop.	determine population densities	4 nights in Sept.	8 plots	3	1.5 hr in pm + 3 hr in am includes all plots	54 hr / year 2.25 days
*Bird Population Surveys	survey for abundance of different bird species	2/month May-Sept	8 plots	1	4 hr at dawn Includes all plots	40 hr / season 5 days
*Herpetology Survey	sample herp and insect pop in pitfall traps	5days/month May-Sept.	8 plots	2	4 hr / day includes all plots	200 hr / season 12.5 days
*Rabbit Abundance	survey rabbit abundance	1/month April-Oct.	8 plots	6	2.5 hr in evening includes all plots	105 hr / year 2.2 days
Counts of Cattle Fecal Pats	count cow fecal pats	1 / year June, July, or Aug.	10 plots	4	1 hr / plot	40 hr / season 1.25 days
Count and Describe Mounds	count and describe mounds (p-dog, ant, gopher, badger, etc.)	1 / year June, July, or Aug.	10 plots	8	1 hr / plot	80 hr / season 1.25 days
Vegetation on P-dog Mounds On Towns	describe vegetation on dome mounds	1 / year in June (along with Veg Cover)	5 plots	8	2.4 hr / plot	96 hr / season 1.5 days
Vegetation Cover	describe vegetation cover	1 / year in June (along with Veg on Mounds)	10 plots	8	2.4 hr / plot	192 hr / season 3 days
Soil Coring	soil cores taken at three depths	1 / year in June	10 plots	6	1.6 hr /plot	96 hr / season 2 days
Vegetation Clipping	clip plants and separate by species, standing dead, and litter; move exclosure cages; take digital photos	1 / year in August	10 plots (125 sub-plots)	9	2.5 hr /plot	225 hr / season 3.10 days
Creating Grid Plots	prepare for later studies by delineating inner and outer grid (for outer 150 x 80 m) (for inner 95 x 45)	1 / year prior to sampling	Up to 10 plots (5 control & 5 town)	2	4 hr / plot	80 hr / year 5 days
*Install Pitfall Traps	install trapping system at N and S ends of grid plots for herp study	1 / year prior to sampling	8 plots	4	2 hr / plot	64 hr / year 2 days
*Selection of P-dog Study Sites	select locations of p-dog plots and control plots based on soil and veg characteristics	1 / year prior to sampling	Up to 10 plots (5 control & 5 town)	2	8 hr includes all plots	16 hr / year 1 day

* Special Projects

** Crew Days were calculated based on an 8 hour day of work and accounted for each project's crew size

Summary Information

Total Person Hours : 4971.5 hours

(This number is the total from the Person Hour column.)

Total Crew Days (with a constant crew size of 10) : 62 days

The field season traditionally lasts 70 days. The crew size, however, is not constant and varies between 2 and 10.

This allows 8 days during the season for regular site maintenance, labeling bags for collection, and unanticipated projects.

Total Crew Days : 150.88 days

(This number is the total from the Crew Day column. This accounts for a variable crew size for every project.)

Date	Crew Size
7 April – 17 May	2
17 May – 20 August	7 – 10
20 August – 7 October	2