

2000 LTER/Forest Service Burn NPD

2000 burn rw.xls
(includes initial wts. and sorted wts.)

2000 burn - final.xls
(includes sorted weights only)

2000 LTER FIELD SEASON

pg 1 of 19

1 = S	1 Burn Date	2 Harvest Date	3 Trt.	4 Transct	5 Plot	6 Species	7 Weight	8 Weight 2	9
✓ 1	2000	8/8/00	Burn	1	4	Boqr	4.94	4.90	
2		8/8/00				STCO	2.87	2.86	
3						SHIV	.64	.64	
4						SPCO	.98	1.00	
5						ARLU	1.39	1.38	
6						Litter	.80	.81	
✓ 7	2000	8/8/00	Burn	1	5	STCO	2.60	2.59	
8						SPCO	.47	.46	
9						AGSM	1.29	1.25	
10						Boqr	4.96	4.98	
11						Litter	1.47	1.50	
✓ 12	2000	8/8/00	Burn	1	2	Boqr	.83	.83	
13						PROP	.49	.48	
14						AGSM	.19	.20	
15						SPCO	1.44	1.47	
16						UTER	.79	.80	
17						Shed Dead	.70	.72	
18						STCO	4.22	4.20	
✓ 19	2000	8/8/00	Burn	1	1	Boqr	2.11	2.10	
20						OPPO Litter	1.06		
21						Litter	1.61	same	
22						STCO	1.40	1.42	
23						CAHE	.09	.10	
24						Shed Dead	.24	.24	
✓ 24	2000	8/8/00	Burn	1	3	STCO	1.07	1.08	
25						SHIV	.23	.23	
26						ARLU	.50	.51	
27						SPCO	.69	.70	
28						Boqr	3.36	3.27	
29						OPPO Litter	.03		
30						Litter	.96	same	
✓ 30	2000	8/8/00	Control	1	3	Litter	25.39	23.48	
31						SPCO	.94	.91	

→ Did not use these reweighs on the 2000 burn transect 1. The heavy was that there recently burned area would have no standing dead from the previous season. And it looks like a reweighing without the way the weights are varying and slightly the original weights.

2000 UTEP FIELD STATION

Pg. 2 of 19

	1	2	3	4	5	6	7	8	9	
	Burn Date	Harvest Date	Trb.	Transsect	Plot	Species	Weight	Weight 2		
1						Bogr	2.75	1.65		
2						LIN	.44	.41		
3						ARLO	9.99	4.96		
4						STCO	6.69	4.86		
5						SPCE	1.09	1.02		
6						Strnd Dead	8.31	15.61		
7	✓ 2000	8/8/00	Control	1	1	Siny	6.45	2.61		
8						Cane	.34	.36		
9						Bogr	6.64	4.44		
10						STCO	3.89	2.73		
11						Strnd Dead	.19	10.40		
12						Litter	30.79	30.82		
13	✓ 2000	8/8/00	control	1	5	Litter	12.46	same		
14						Buda	2.55	1.75		
15						Strnd Dead	1.05	7.14		
16						SPCE	.19	.18		
17						Cane	.60	.14		
18						Bogr	3.52	2.38		
19						STCO	7.00	5.01		
20						ARLO	3.53	3.00		
21	✓ 2000	8/8/00	Control	1	4	STCO	4.01	4.01		
22						SPCO	1.48	1.47		
23						Litter	15.58	same		
24						Strnd Dead	.31	1.26		
25						Bogr	5.69	3.30		
26						OTHE	.59	.60		
27						SPCE	.83	.83		
28	✓ 2000	8/8/00	Control	1	2	STCO	7.85	4.58		
29						Bogr	6.33	3.32		
30						SPCE	1.15	1.09		
31						Strnd Dead	4.45	10.40		

2000 LTER FIELD STATION

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	BURN DATE	HARVEST DATE	TRE	TORRENT	PLOT	SPECIES	Weight	Weight 2																							
1						OPPOLITER	62.13																								
2	2000	8/8/00	Control	2	1	litter	30.28	same																							
3						STCO	13.36	9.34																							
4						BOGE	2.02	1.28																							
5						Stnd																									
6						Dead	1.88	6.80																							
7						OPPO																									
8						SPCO	.43	.43																							
9						OPPOLITER	6.16																								
10						litter	14.97	same																							
11	2000	8/8/00	Control	2	3	OPPOLITER	28.21	same																							
12						litter	9.82	same																							
13						ARLO	12.01	7.58																							
14						SPCD	.13	.15																							
15						CAHE	.03	.07																							
16						OGAL	.30	.32																							
17						Stnd																									
18						Dead	2.74	9.12																							
19						BOGI	4.98	3.04																							
20	2000	8/8/00	Control	2	4	BOGI	8.93	6.47																							
21						ELEF	.69	.70																							
22						ARLO	1.17	1.03																							
23						UTIC	5.56	same																							
24						STCO	2.85	2.21																							
25	2000	8/8/00	Control	2	2	LITR	6.10	6.01																							
26						Stnd																									
27						Dead	.42	2.21																							
28						ARLO	2.78	1.45																							
29						CAHE	.03	.06																							
30						SPCO	1.43	1.40																							
31						BOGE	3.35	2.62																							
32	2000	8/8/00	Control	2	5	BOGE	12.17	7.31																							
33						CAHE	.38	.35																							
34						LITR	13.95	13.02																							
35						Stnd																									
36						Dead	.32	5.07																							
37	2000	8/8/00	Burn	2	5	LITR	7.82	6.48																							
38						CAHE	1.06	1.08																							

* where to
This is with
the 2000 OPPThese weights
were corrected
by 0.29-02standing
dead 2.99See note
on page 4

2000 LTER FIELD STATION

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EFFICIENCY LINE® 22-206

	1 BURN DATE	2 HARVEST DATE	3 TR	4 TRANSECT	5 PLOT	6 Species	Weight	Weight 2
1						BOGR	3.76	3.89
2						STCO	5.01	5.22
3						Shnd Dead	.97	1.05
4						SPCO	.25	.26
5						ARLD	.52	.54
6	2000	8/8/00	BURN	2	4	BOGR	2.74	2.64
7						STCO	2.35	2.36
8						Shnd Dead	.70	.73
9						WTKR	2.91	2.90
10	2000	8/8/00	BURN	2	3	WTKR	6.49	6.39
11						BOGR	3.30	3.28
12						Shnd Dead	.57	.56
13						STCO	4.61	4.55
14	2000	8/8/00	BURN	2	1	ARLD	4.71	4.69
15						AGSM	2.12	2.09
16						CHHE	2.12	2.10
17						BOGR	12.55	12.42
18						PIUP	.37	.39
19						VUCC	.04	.05
20						STCO	3.04	3.03
21						SPCO	.21	.21
22						SPCR	.12	.12
23						GACO	1.28	1.07
24	2000	9/8/00	BURN	2	2	BOGR	4.06	4.06
25						ARLD	1.12	1.10
26						WTKR	.56	.55
27						SPCR	.52	.50
28						STCO	.09	.09
29								
30								
31								

*
Did not
use se-
weights of
the 2000
Burn Trans. 2
for the same
reason as of
Burn Trans. 1.

2000burnrw.xls
(includes initial weights and sorted wts.)

2000burn_final.xls
(includes sorted weights only)

2000 LTER FIELD STATION

pg 5 of 19

	1	2	3	4	5	6	7	8	9	
	Burn Date	Harvest Date	Trt	Transect	Plot	Species	Weight			
+ 1	2000	8/8/00	Control	3	4	arlo	1.98			
2						standing	10.53			
3						bogr	9.21			
4						oppolitter	.93			
5						litter	11.63			
6	2000	8/8/00	Control	3	3	SPCO	.20			
7						arlo	26.80			
8						standing	14.12			
9						oppolitter	0			
10						litter	35.20			
11						SPCR	3.22			
12						SPCO	.62			
13						Liin	1.27			
14						cahe	.28			
15	2000	8/8/00	Control	3	5	oppolitter	0			
16						litter	21.44			
17						cahe	.36			
18						spcr	.67			
19						arlo	2.75			
20						bogr	5.72			
21						stco	1.25			
22						standing	11.75			
23						oppolitter	0			
24	2000	8/8/00	Control	3	2	litter	13.83			
25						standing	19.45			
26						arlo	1.41			
27						stco	1.24			
28						bogr	.02			
29						cahe	.88			
30	2000	8/8/00	Control	3	1	oppolitter	0			
31						litter	14.65			
32						bogr	2.25			
33						cahe	1.39			
34						standing	1.62			
35	2000	8/8/00	Burn	4	5	bogr	4.89			
36						spcr	.79			

2000 LTER FIELD STATION

Pg 6 of 19

	1 Burn Date	2 Harvest Date	3 Trt	4 Transect	5 Plot	6 Species	7 Weight	8	9	
1	2000	8/8/00	Burn	4	5	SPCO	2.79			
+ 2	2000	8/8/00	Burn	4	4	bogr	4.78			
3						stco	.18			
+ 4	2000	8/8/00	Burn	4	2	bogr	0.26			
5						stco	1.24			
6						standing	.69			
7						SPCO	1.28			
8						oppo litter	0			
						litter	2.06			
+ 9	2000	8/8/00	Burn	4	1	bogr	5.41			
10						SPCO	.54			
11						cahe	.40			
+ 12	2000	8/8/00	Burn	4	3	stco	1.42			
13						bogr	3.99			
14						SPCO	.58			
+ 15	2000	8/8/00	Burn	3	1	stco	1.58			
16						hasp	2.21			
17						bogr	4.24			
18						arlo	.81			
+ 19	2000	8/8/00	Burn	3	3	bogr	5.48			
20						stco	.81			
21						cahe	.23			
22						SPCO	.14			
+ 23	2000	8/8/00	Burn	3	4	bogr	3.67			
24						stco	1.48			
+ 25	2000	8/8/00	Burn	3	5	stco	3.85			
26						bogr	3.86			
+ 27	2000	8/8/00	Burn	3	2	bogr	7.30			
28						stco	.25			
29						arlo	.48			
30						SPCO	.76			
31						oppo litter	.10			
						litter	1.47			

2000 Iter/FS Burn Npp: 1999 Burns Biomass

2000 burn rw.xls
(includes initial weights
and sorted weights)

2000 burn final.xls
(includes sorted
weights only)
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2000 LTER Field Station: 1999 Burns

	1 Burn DATE	2 Harvest DATE	3 Site	4 TR	5 Plot	6 Species	7 Weight	8	9
1	1999	8-9-00	OWL	Control	1	Litter	9.61		
2						SiHy	1.36		
3						BuDA	4.17		
4						BOGR	1.41		
5						PIPA	.12		
6						ARLO	.20		
7						LIJA	.41		
8						SPCO	.42		
9						CAHE	.40		
10	1999	8-9-00	OWL	Control	4	Litter	60.79		
11						standing Dead	24.55		
12						BuDA	2.98		
13						SPCO	1.40		
14						SIHy	1.93		
15						ARLO	6.30		
16	1999	8-9-00	OWL	Control	2	Litter	11.71		
17						BuDA	4.47		
18						DECO	.83		
19						CAHE	.88		
20						SPCO	.10		
21						ARLO	9.26		
22	1999	8-9-00	OWL	Control	3	BuDA	4.25		
23						Litter	22.63		
24						PIPA	.08		
25						ARLO	2.13		
26						CAHE	.05		
27						ASOX	2.49		
28	1999	8-9-00	OWL	Control	5	Litter	15.42		
29						BuDA	1.04		
30						DEAL	.43		
31						CAHE	.70		

2000 LTER Field Station: 1999 Burns Page 9 of 19

	1 Burn DATE	2 Harvest DATE	3 Site	4 TR	5 Plot	6 Species	7 Weight	8	9
1						standing Dead	26.65		
2						AGSM	1.56		
3						SPCO	.16		
4						ARLO	10.11		
5	1999	8-9-00	OWL	BURN	P1	Litter	10.79		
6						standing Dead	2.23		
7						BOGR	.75		
8						SPCO	.43		
9						ARLO	1.99		
10						GALD	.28		
11						STCO	11.60		
12	1999	8-9-00	OWL	BURN	P2	ARLO	13.80		
13						GUSA	16.12		
14						Litter	4.10		
15						SPCO	.33		
16						standing Dead	3.89		
17						AGSA	8.01		
18						BUDA	1.60		
19						SETR	.07		
20	1999	8-9-00	OWL	Burn	P3	Litter	3.16		
21						PIOP	.19		
22						GUSA	3.05		
23						standing DEAD	.19		
24						BOGR	2.48		
25						SPCO	.08		
26						STCO	2.32		
27						BUDA	1.97		
28	1999	8-9-00	OWL	Burn	P4	STCO	.35		
29						AGSM	3.36		
30						GUSA	3.04		
31						ARLO	.62		

2000 LTER Field Station : 1999 Burns Page 10 of 19

	1 Burn DATE	2 Harvest DATE	3 Site	4 TR	5 Plot	6 Species	7 Weight	8	9
1						Buda	4.10		
2						Standing Dead	2.99		
3						Litter	14.14		
4	1999	8-9-00	owl	Burn	P5	Litter	14.58		
5						Buda	2.24		
6						SPCO	.40		
7						AGSM	11.30		
8						Standing Dead	6.71		
9						CAHE	.29		
10						ARLO	6.58		
11	1999	8-9-00	Jackpot	Burn	P3	Buda	1.72		
12						Litter	1.51		
13						OPPO	9.2		✓
14						standing dead	.78		was this OPPO cut up & dried?
15						SPCO	.17		
16						Agsm	.60		
17						Gusa	10.77		
18	1999	8-9-00	Jackpot	Burn	P1	Litter	10.23		
19						OPPO Litter	14.35		
20						ASOX	1.61		
21						OPPO	1.90		✓
22						AGSM	.90		was this OPPO cut up & dried?
23						HASP	.64		
24						Standing Dead	1.69		
25						SPCO	.17		
26						ARLO	1.76		
27						Buda	2.91		
28	1999	8-9-00	Jackpot	Burn	P4	Litter	3.85		
29						OPPO Litter	5.27		
30						ASOX	1.02		
31						Standing dead	2.57		

[illegible]

2000 LTER Field Station: 1999 Burns Page 12 of 19

EFFICIENCY LINE® 22-206



	1 Burn DATE	2 Harvest DATE	3 Site	4 TIR	5 Plot	6 Species	7 Weight	8	9
1	1999	8-9-00	Jackpot	Control	P-1	Litter	3.94		
2						Agsm	.95		
3						Bogr	.77		
4						Gusa	.93		
5						Buda	5.16		
6						standing dead	.63		
7	1999	8-9-00	Jackpot	Control	P-2	Litter	9.73		
8						Gusa	4.59		
9						Buda	2.48		
10						Piop	.06		
11						OPPO			was this oppo cut up + dried? ✓
12						AGSM	1.90		
13						standing dead	1.91		
14	1999	8-9-00	Jackpot	Control	P-3	Litter	7.45		
15						standing dead	.27		
16						Lgja	.33		
17						Pach	.28		
18						ASox	.09		
19						Agsm	2.24		
20						Bogr	6.68		
21	1999	8-9-00	Jackpot	control	P4	Buda	.27		
22						Litter	3.21		
23						OPPO Litter	.68		
24						LITJA	.47		
25						AGSM	.19		
26						PACH	4.65		
27						ASOX	3.55		
28						Bogr	3.26		
29	1999	8-9-00	Jackpot	Control	P5	Litter	5.74		
30						Agsm	1.63		
31						Sihy	.35		

	1 Buin Date	2 Harvest Date	3 site	4 TR	5 plot	6 species	7 weight	8	9	
1	1999	8-9-00	Jackpot	Control	5	haco	.07			
2					(cont'd from p.12)	Gusa	1.14			
3						SPCO	.07			
4						standing dead	.67			
5						Pach	2.33			
6						Bog r	3.00			
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
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25										
26										
27										
28										
29										
30										
31										

WH = midhouse

2000 burn rw.xls
(includes initial weights
and sorted weights)2000 burn Final.xls
(includes sorted weights
only)

2000 LTER FIELD STATION: 1999 BURNS

PG 14 OF 19

	1 Burn Date	2 Harvest Date	3 Site	4 Tre	5 Plot	6 Species	7 Weight	8	9	10 Oppo found on opposite
✓ ①	1999	8/9/00	WH	Burn	5	Boqr	3.84	2.56		
2						Oppo				✓
3						Stnd Dead	.96	2.21		
4						Oppo litter	29.71			
5						Litter	8.02			
6	999	8/9/00	WH	Burn	2	SPCO	.28			
7						Oppo litter	16.21			
8						Litter	8.32			
9						OPP.				✓
10						Buda	.46			
11						Stnd Dead	1.17			
12						CAHE	.32			
13	1999	8/9/00	WH	BURN	3	Boqr	3.83	3.34		
14						litter	4.82			
15						SPCO	.49			
16						CAHE	2.53	2.26		
17						WDC	.01			
18						Buda	5.50	3.15		
19						Stnd Dead	.92	3.85		
20	1999	8/9/00	WH	BURN	4	Boqr	9.83	4.66		
21						CAHE	1.28			
22						Stnd Dead	.47	5.44		
23						SPCO	.40			
24						Oppo litter	27.87			
25						Litter	7.34			
26	1999	8/9/00	WH	BURN	1	Oppo				✓
27						Boqr	4.01	2.30		
28						Oppo				✓
29						CAHE	.54			
30						SPCO	.42			
31						Stnd Dead	.08	1.26		
						BUDA	.16			

2000 LTER FIELD STATION: 1999 BURNIS

PG. 15 OF 19

	1 Burn Date	2 Home Date	3 Site	4 TRB	5 Plot	6 Species	7 Weight	8	9	10 Oppo found on test
1						Litter	2.00			
✓ 2	1999	8/8/00	WH	control	4	Bogr	9.84	7.26		↙
3						Oppo				
4						SPCO	1.02			
✓ 5	1999	8/9/00	WH	control	4	ASUX	.16			
6						Oppo Litter	23.88			
7						Litter	15.92			
8	1999	8/9/00	WH	control	3	Small Dead	1.62	4.11		
9						Oppo Litter	10.46			
10						Litter	18.93			
11						Oppo				✓
12						SPCO	1.79			
13						SiHy	.72			
14						Bogr	8.52	4.91		
15	1999	8/9/00	WH	control	2	Small Dead	7.0	10.42		
16						ICOSC	.06			
17						Bogr	11.90	7.92		
18						Oppo				
19						Small Dead	2.36	6.49		
20						Oppo Litter	.14			
21						Litter	4.31			
22						PACH	.86			
23						SiHy	.25	.23		
24						SPCO	.35			
✓ 25	1999	8/9/00	WH	control	5	Bogr	4.19	3.23		
26						SPCO	.47			5. Dead = 1.17
27						BUDA	1.05	.81		
28						Litter	2.90			
29						Oppo				✓
✓ 30	1999	8/9/00	WH	control	1	GLSA	10.69			
31						Oppo				✓
						Bogr	1.43	1.32		
						SPCO	.43			
						CATE	.42			

5 Dead 4.72 →

* Half sample sorted - Weight doubled

2000 LTER FIELD STATION: 1999 BURNS

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	1 Burn Date	2 Harvest Date	3 Site	4 Trb	5 Plot	6 Species	Weight	8 New Weight	9	✓ OPPD found on list
1						Strnd Dead	4.59			
2						OPPO L.	3.20			
3	1999	8/10/00	Allen control		5	Litter	10.70			
4						Strnd Dead	5.32	6.36		
5						AGSM	.13			
6						ARLU	7.95	7.01		
7						BUDA	.64	.59		
8						BGR	3.02	2.22		
9						Litter	10.84			
10	1999	8/10/00	Allen control		3	SPCO	.06			
11						BUDA	16.52	11.50		
12						ARLU	6.18	4.97		
13						Strnd Dead	4.31	5.82		
14						Shiv	.31			
15						WOC	.04			
16						SPCO	.12			
17						Litter	7.45			
18						PSTE	.23			
19						AGSM	.22			
20	1999	8/10/00	Allen control		4	Cane	1.32			
21						ARLU	23.59	13.84*		- Half sample sorted then weight doubled
22						STCO	6.17	6.01		
23						OPPO				✓
24						GUST	6.78			
25						BUDA	.98	.90		
26						PSTE	5.49			
27						Litter	14.70	14.70		
28						Strnd Dead	3.0	(7.54		+4.87) 12.41 (to double sorted side dead)
29	1999	8/10/00	Allen control		2	LXJU	.65			
30						OPPO L.	.25			
31						Litter	35.37			
						SPCO	.05			
						Cane	3.59	3.46		



2000 LTER FIELD STATION: 1999 BURNS

Pg. 17 of 19

	1 Burn date	2 Harvest date	3 Site	4 Trt	5 Plot	6 Species	7 Weight	8 New weight	9 Doubled
trace 1						SHIB	.05		
2						Buda	1.08	.95	
3						Stand dead	5.15	6.42	
4						VUOC	.24		
5						ARW	10.71	9.52	
6						Pstc	2.17		
✓ 7	1999	8/10/00	Allen	Control	1	ARW	38.99	13.15 x 2 = 26.30	
8						CATE	1.37	1.20	
9						LWJU	.59		
10						SPCO	.04		
11						SPCR	2.48	2.03	
12						HAST	2.89		
13						PSTE	4.13		
14						Stand dead	2.92	(9.91 + 6.25) = 16.16	
15						Litter	9.48	(to double standing dead)	
16	1999	8/10/00	Allen	Burn	4	BOGR	6.45	3.19	
17						UPROL	23.89		
18						Litter	5.33		
19						AGSM	.44	VUOC .36	
20						OECO	.72	Standing Dead	3.45
trace 20						SPCO	.05		
✓ 21	1999	8/10/00	Allen	Burn	5	BOGR	6.89	5.07	
22						OECO	.89		standing dead = 2.22
trace 23						SPCO	.05		
24						Litter	3.53		
25	1999	8/10/00	Allen	Burn	1	Litter	28.78		
26						ARW	22.75	12.96	
27						Stand dead	11.08	20.66	
28						AGSM	3.71		
29						SPCO	.67		
30						GUST	3.49		
31	1999	8/10/00	Allen	Burn	2	Litter	17.6		

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[illegible]

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Burn Year	Date	Treatment	Transect	Plot	Species	Wt.	
1999	8-9-00	Burn	Jackpot	1	OPPO	6.30	✓
1999	8-9-00	Control	Wildhorse	3	OPPO	23.13	✓
1999	8-9-00	Control	Wildhorse	5	OPPO	0.19	✓
1999	8-9-00	Control	Wildhorse	1	OPPO	6.97	✓
1999	8-10-00	Control	Allenbaugh	4	OPPO	0.86	✓
1999	8-9-00	Burn	Wildhorse	1	OPPO	1.19	✓
1999	8-9-00	Burn	Jackpot	3	OPPO	9.13	✓
1999	8-9-00	Burn	Wildhorse	5	OPPO	21.18	✓
1999	8-9-00	Control	Jackpot	2	OPPO	31.68	✓
2000	8-8-00	Control	2	1	OPPO	2.48	✓
1999	8-9-00	Burn	Wildhorse	4	OPPO	0.99	✓
1999	8-9-00	Burn	Wildhorse	2	OPPO	16.74	✓
1999	8-9-00	Control	Wildhorse	2	OPPO	16.91	✓
1999	8-9-00	Burn	Jackpot	5	OPPO	8.19	✓
1999	8-9-00	Control	Wildhorse	4	OPPO	35.11	✓