

Technical Report No. 87
PRONGHORN ANTELOPE FIELD FOOD CONSUMPTION STUDIES

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ABSTRACT

This investigation started in December 1969 and will continue during 1971. Methodology was emphasized in the first year of the study. The major objectives are to determine the botanical and chemical composition of the pronghorn diet.

METHODS

The method used to obtain botanical and chemical composition data of the pronghorn diet was the bite count in conjunction with a hand pluck estimate of intake. Four animals were used in the study, and they were paired according to their compatibilities. Each pair was observed for five days by two observers in each season of trials. The animals were released in the field and the observers walked with the animals, recording on tape the plant species and plant parts taken, number of bites, condition of plant, and estimated bite size. After an hour's observation, the animals were reloaded and the observers collected the plants and plant parts in the same areas grazed by the animals. These daily samples were later composited for each animal and analyzed for chemical composition. Chemical analysis involved Van Soest's (1963) method of fiber analysis, micro Kjeldahl determination of nitrogen, and bomb calorimetry. There were three sets of field trials, winter, spring, and summer, during which the animals received a restricted concentrate and hay ration and were transported every other day for field studies. Following the summer trials, the animals were kept at Pawnee and grazed freely throughout the day. One hour observations were taken in the morning, and the same procedure was followed as in the previous trials.

RESULTS

It was found that pronghorn when well trained could be observed while grazing at a very close range. They are very selective ⁱⁿ of their grazing habits. Pronghorn select specific portions of plants, pause to smell each bite before taking it, and then bite ^{it} ~~them~~ off with a pronounced click.

These bites are ~~of a~~ more or less consistent ⁱⁿ size ranging from 3/4 of an inch to 2 inches depending on the species of plant and the season of year.

Botanical composition of the diet is shown in Fig. 1 by forage type used in the seasons observed. Browse, fringed sage (*Artemisia frigida*) predominates during winter; grasses, blue grama (*Bouteloua gracilis*), western wheat (*Agropyron smithii*), and needle and thread (*Stipa comata*) were important during spring; and the use of forbs, scarlet globemallow (*Sphaeralcea coccinea*) increased during the summer. This data is in agreement with rumen content analysis samples obtained from wild pronghorn (Dirschl 1963, Yoakum 1958, Ferrel and Leach 1950) and suggests that the gross characteristics of trained pronghorn diet are similar to those of wild pronghorn.

In winter trials, blue grama was the predominant species taken by the first pair of animals and fringed sage by the second pair. Some of the effects of dietary supplement may be shown in the second winter trial where the level of feed was changed for one pair of animals. Fig. 2 is a comparison of the samples of two animals receiving ad libitum concentrate and hay and then a restricted level of supplement. There is an increase in dry weight per hour estimate and a change in species. From the data of this trial, it was felt that the intake of trained pronghorn can be influenced by supplemental feeding. Therefore, in the spring and summer trials, these animals were restricted in supplement to increase their intake ^{in the summer} and improve their cooperation.

In all subsequent trials, it was noted that the species and individual plants taken appeared to be the highest in moisture content (succulence) available and that there was an increase of species making up the diet from the winter trials to the summer intensive trial. In the intensive trial,

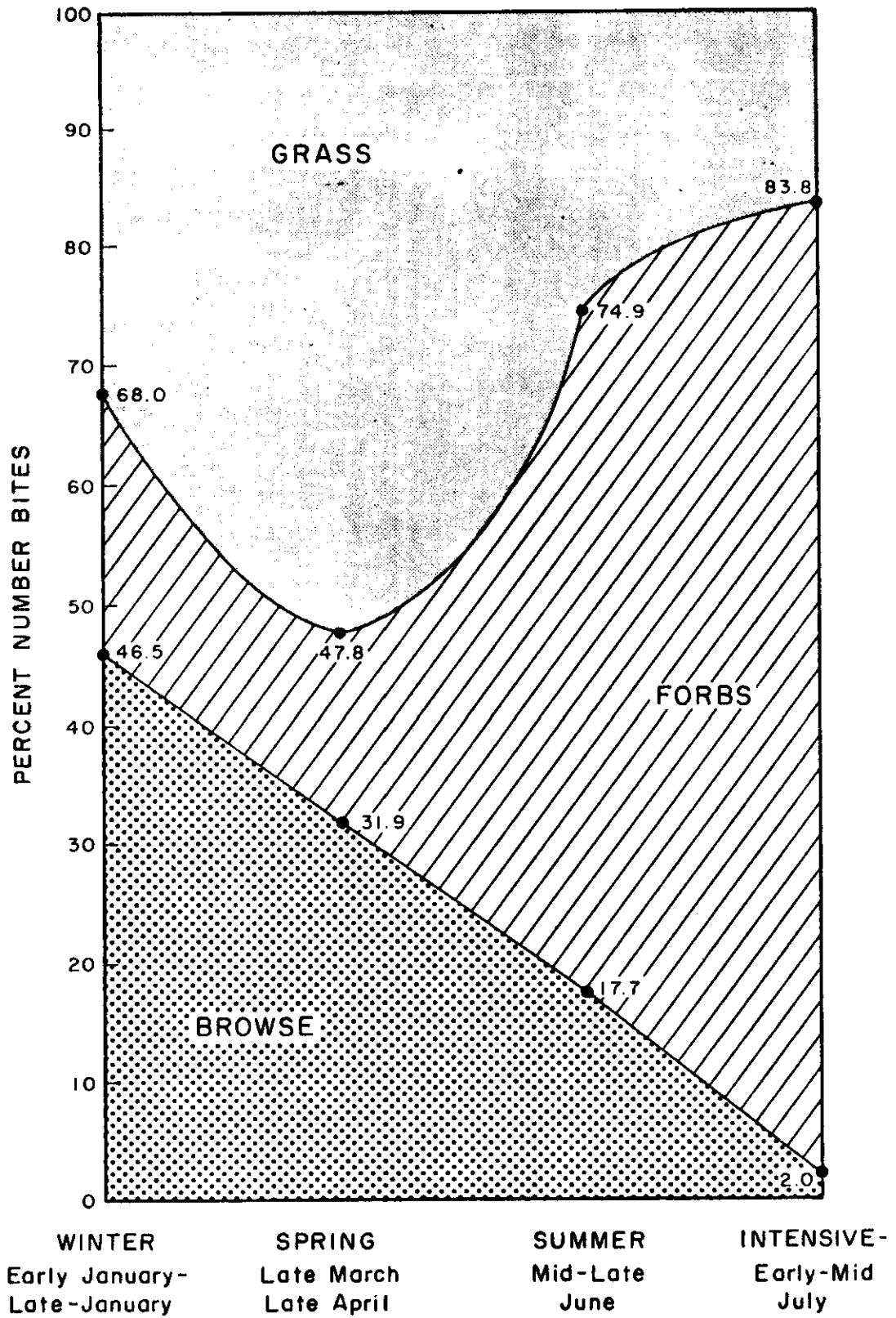


Fig. 1. Relative use of forage types by season.

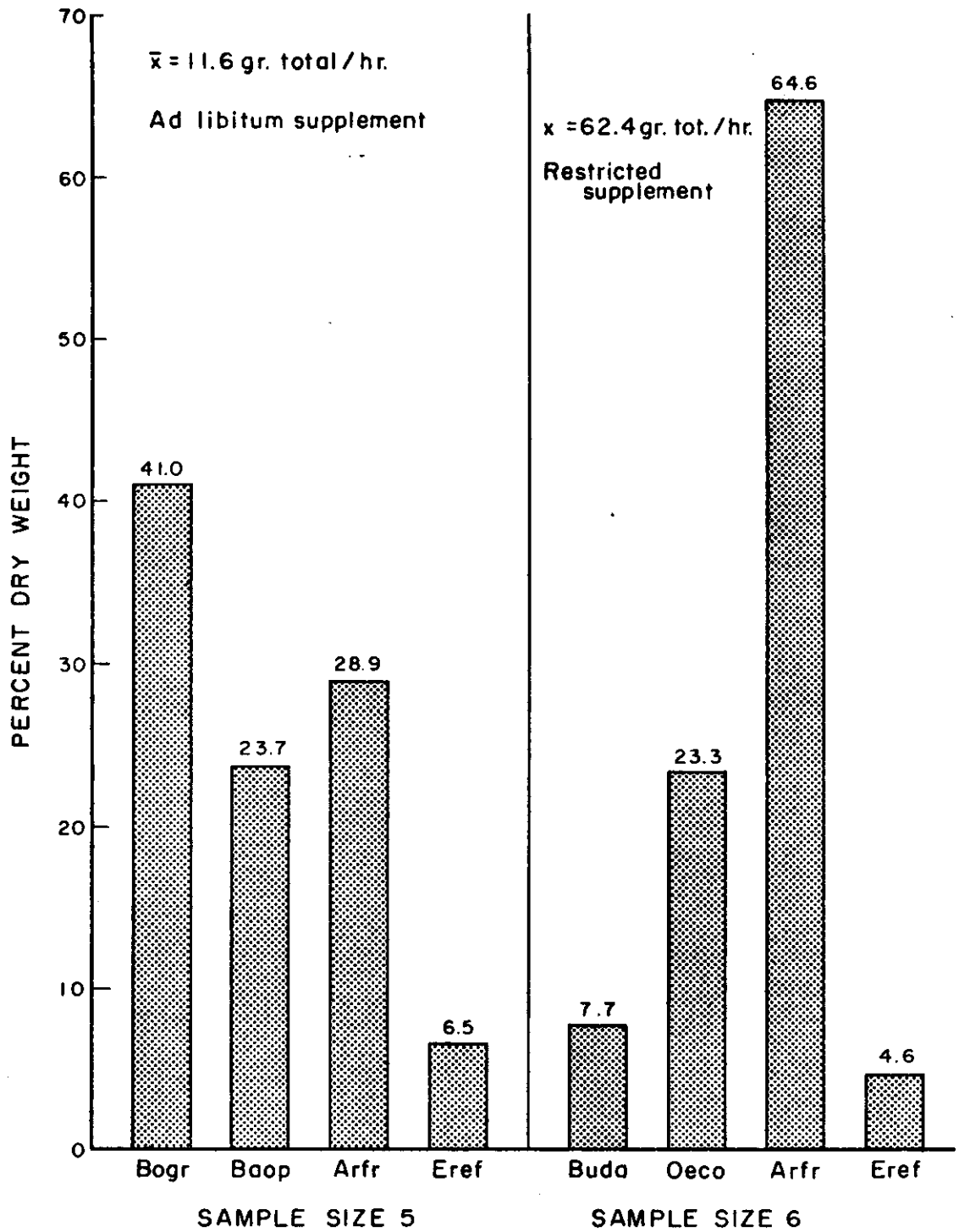


Fig. 2 Total collected hand plucked samples for winter.
Date: 12/15/69, 1/20/70-1/22/70 1/27/70-1/31/70

there was a great increase in the intake of these animals and a large number of species taken (Fig. 3). Scarlet globemallow was the predominant species, and Russian thistle (*Salbala kali*) became increasingly important while it was growing and succulent.

In a seasonal comparison of the hand pluck samples collected for each animal, for the cell wall constituents (CWC) (Fig. 4) and the crude protein (Fig. 5), we found a steady decrease in CWC from winter to intensive trials and an increase in crude protein from the winter to spring and summer trials. The CWC is variable in its digestibility and is inversely proportioned ^{ate} to the cell contents (CC), which are highly digestible (Van Soest 1963).

DISCUSSION

Considering the way pronghorn graze and the manner in which they bite, we feel that the bite count technique is uniquely applicable to pronghorn and may ^{provide} be the most precise ~~in terms of~~ descriptive data available on pronghorn food habits.

The intake of trained pronghorn in field trial sampling may be influenced by prior supplemental feeding and, therefore, the most representative samples can probably be gained in intensive trials where the animals are not fed supplements and are maintained on the study site.

Fringed sage and scarlet globemallow are important forage species for pronghorn on Pawnee, and some of the cool season grasses are occasionally important. The number of species comprising the diet greatly increased in the summer months over those taken in the winter months. In addition, pronghorn were observed to be very selective in their grazing habits and

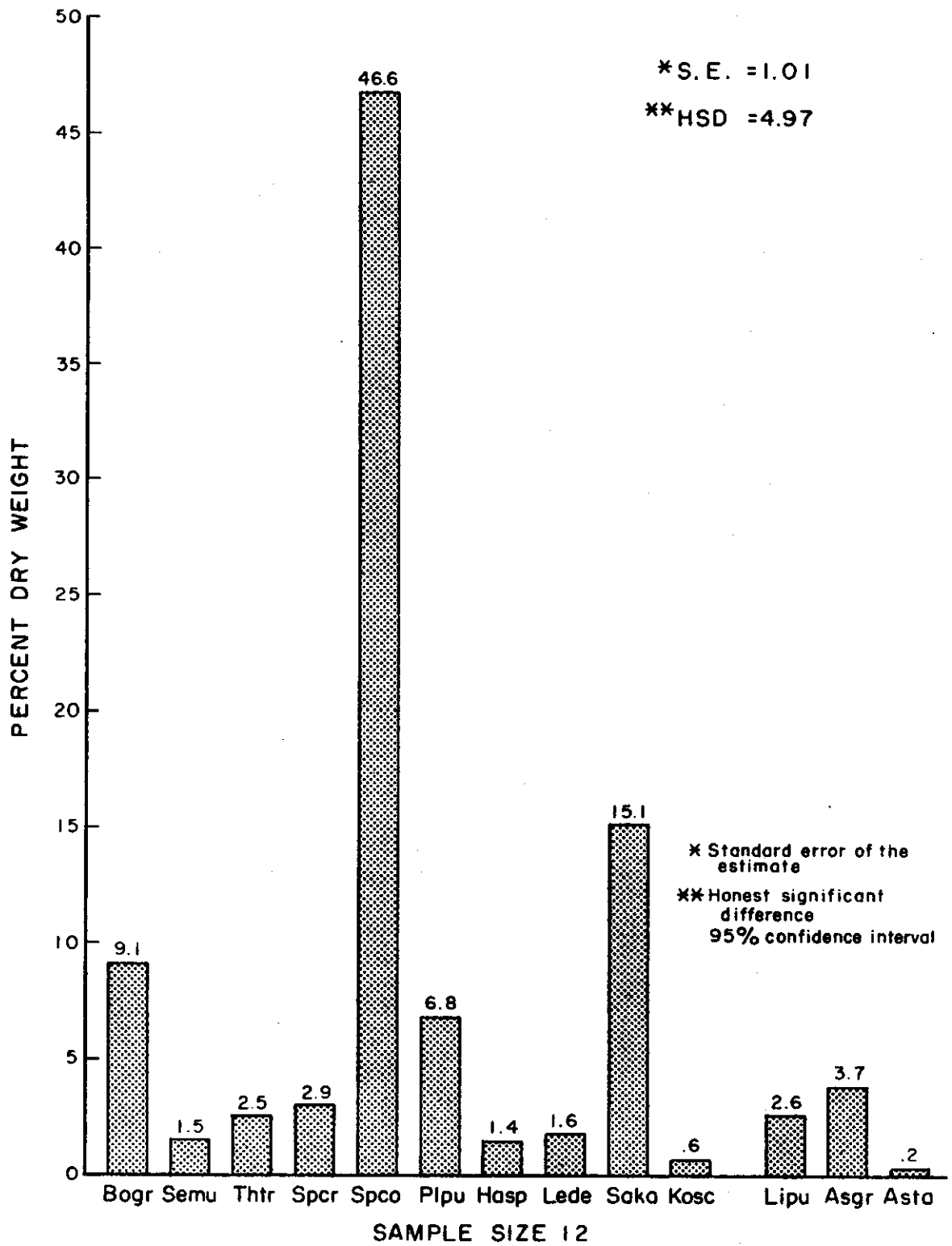


Fig. 3 Average percent of species taken by dry weight in summer-intensive.
Date: 7/8/70 - 7/13/70

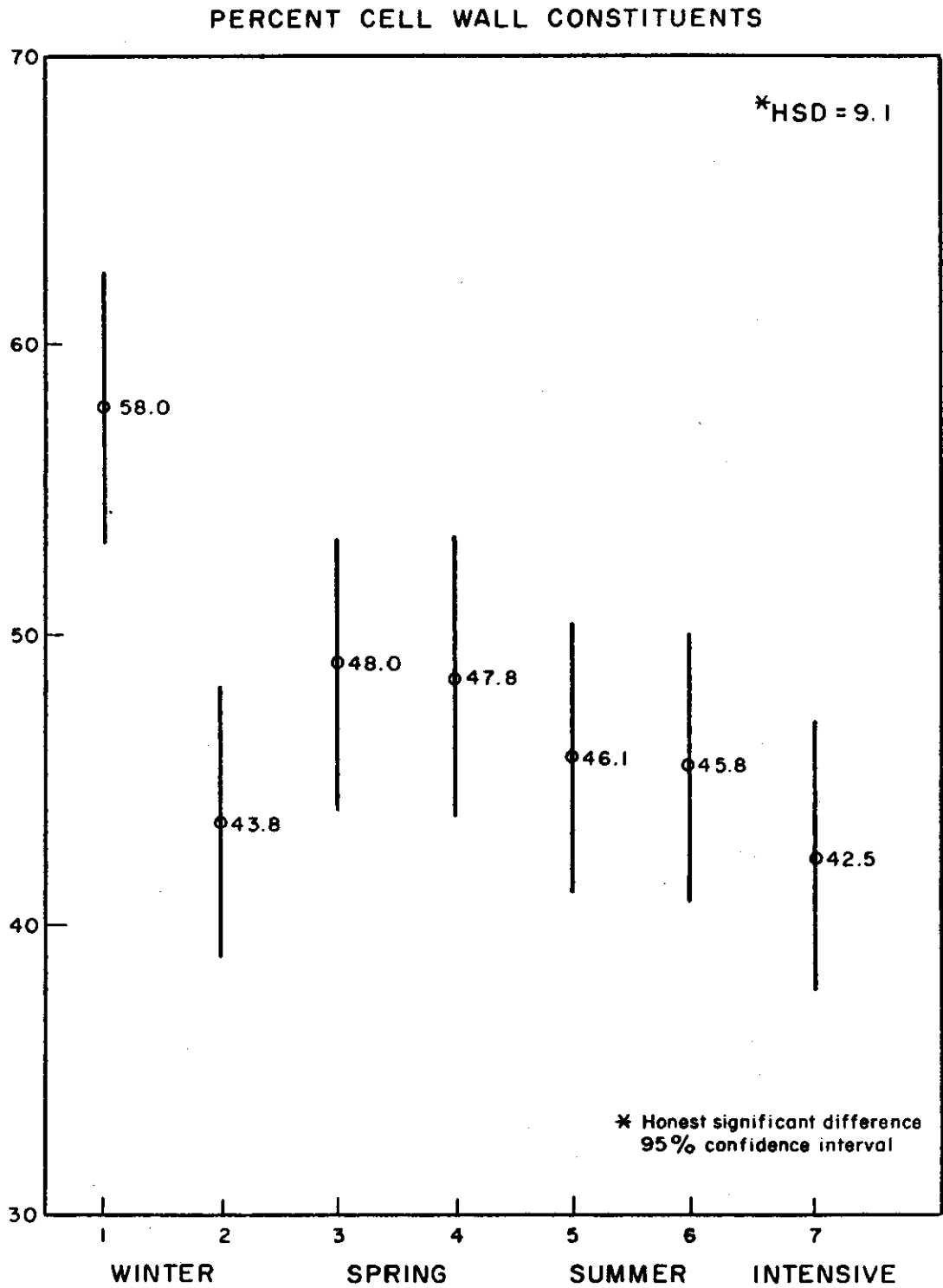


Fig. 4 Chemical constituents of the diet taken from hand pluck samples.

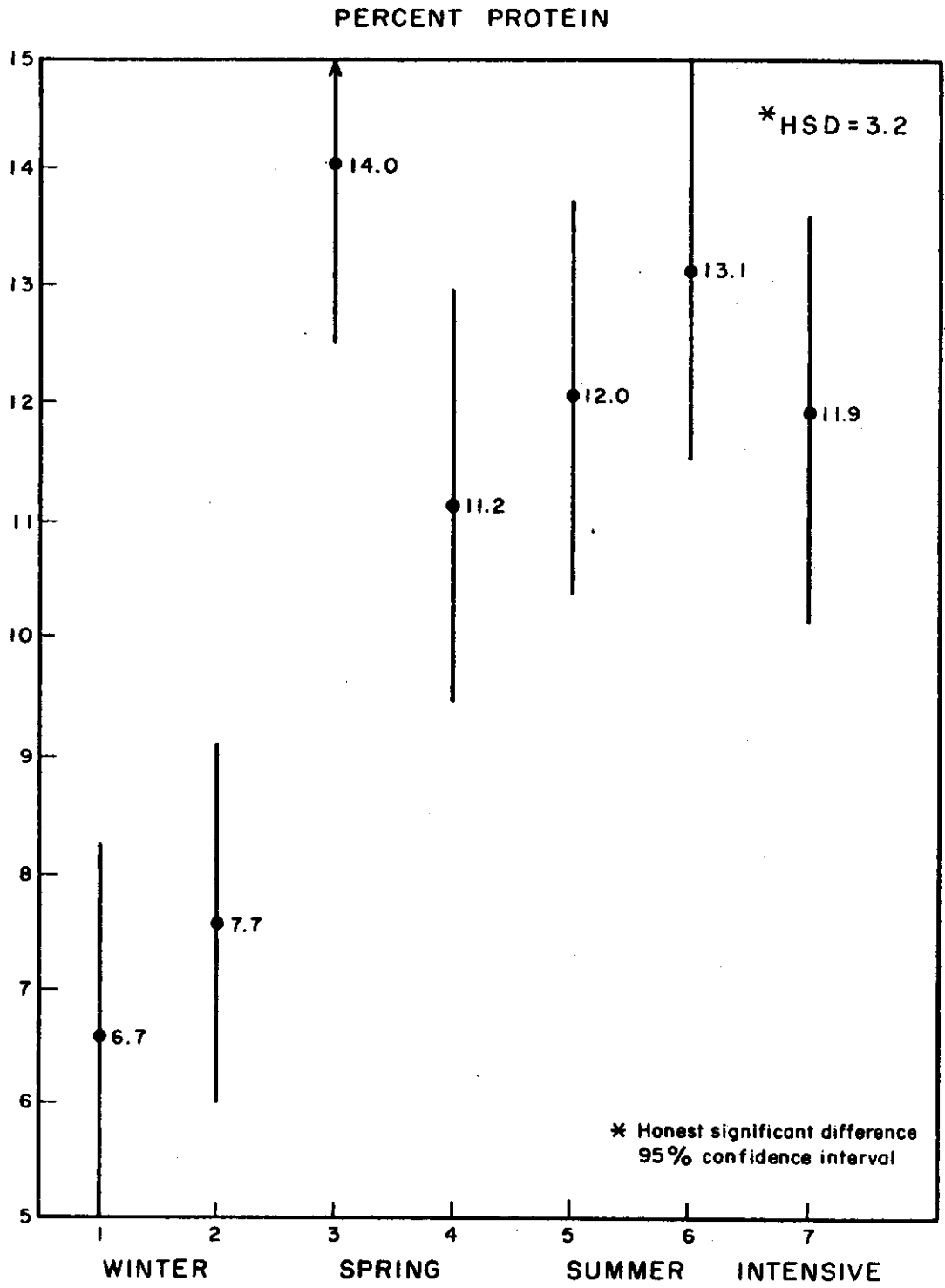


Fig. 5 Chemical constituents of the diet taken from hand pluck samples.

appear to take the most succulent forage available that is palatable to them. The chemical constituent of the diet gained from hand-pluck samples should best represent an average of the forage taken by the animals on trials.

LITERATURE CITED

- Dirschl, J. H. 1963. Food habits of pronghorn in Saskatchewan. *J. Wildlife Manage.* 27(1):81-93.
- Ferrel, C. M. and H. R. Leach. 1950. Food habits of pronghorn antelope of California. *Calif. Fish and Game* 36(1):21-26.
- Van Soest, P. J. 1963. The use of detergents in analysis of fibrous feeds: 11. A rapid method for the determination of fiber and lignin. *J. Ass. Offic. Agric. Chem.* 46:829-835.
- Yoakum, J. 1958. Season food habits of the Oregon pronghorn antelope (*Antilocapra americana oregona* Bailey). *Inter. Antelope Confer., Trans.* 9:42-59.

APPENDIX I

FIELD DATA

During the course of this study, data comprising ten data sets were collected or generated. A list of the codes employed in the data sets follows; followed by, for each data set, a format description and a listing of the data.

Codes Used in Data

Species

1 BOGR	8 TA sp.	15 SPCR	22 SAKA	29 GUCO
2 OEEO	9 AGSM	16 SPCO	23 SESP	30 GUSA
3 BAOP	10 STCO	17 PLPU	24 KOSC	40 CHNA
4 ARFR	11 BRTE	18 HASP	25 POAV	50 ARLO
5 EREF	12 CAFI	19 LEDE	26 LIPU	70 SIHY
6 SEMU	13 CAEL	20 CROR	27 ASGR	80 PSTE
7 THTR	14 FEOC	21 LARE	28 ASTA	90 LIIN

Season

1 Winter, 1970	3 Summer, 1970
2 Spring, 1970	4 Summer intensive trial, 1970

Diet Regimen

- 1 As libidum intake of concentrated alfalfa hay when not on natural forage.
- 2 Restricted intake of concentrated alfalfa hay when not on natural forage.
- 3 Maintained on natural forage ad libidum.

Season/Diet

- 1 Season 1, Diet regimen 1
- 2 Season 1, Diet regimen 2
- 3 Season 2, Diet regimen 2

Codes Used in Data

- 4 Season 2, Diet regimen 2
- 5 Season 3, Diet regimen 2
- 6 Season 3, Diet regimen 2
- 7 Season 4, Diet regimen 3

Adjusted Grazing Level

- 0 No bites
- 1 ≤ 6 bites per animal per day
- 2 > 6 and ≤ 12 bites per animal per day
- 3 > 12 and ≤ 18 bites per animal per day
- 4 > 18 bites per animal per day

Method

- 1 Esophageal
 - 2 Hand plucked
-

Antelope Forage Intake

Antelope forage intake data collected at the Pawnee Site are Grassland Biome Data Set A2U603B. A description and listing of the data follows:

Columns	Contents
1	Animal number
3 - 4	Day within the entire trial
6 - 7	Plant species code
9 - 11	Percent by wet weight that this species comprised of total forage intake that day (F3.1)
13 - 15	Percent by dry weight that this species comprised of total forage intake that day (F3.1)
17 - 19	Percent of total bites which were taken on this species (F3.1)
21	Season code
23	Diet regimen code

	8	3	205	248	200	1	2
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3	8	5	108	126	154	1	2
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Antelope Forage Intake--Summer Intensive

Antelope forage intake--summer intensive data collected in 1970 at the Pawnee Site are Grassland Biome Data Set A2U604B. A description and listing of the data follows:

Columns	Contents
1 - 4	Plant species--four letter abbreviation
7 - 8	Day within the summer intensive trial (day 1 of this trial equals day 28 of entire trial)
9	Animal number (animal 1 equals animal 1 of entire trial; animal 2 = animal 4 of entire trial; only two animals studied)
10	Observer
17 - 19	Percent of total bites which were taken on this species (F3.1)
27 - 29	Actual percent by dry weight in hand plucked sample (F3.1)
37 - 39	Estimated percent by dry weight in hand plucked sample (F3.1)
47 - 49	Percent by dry weight in fecal material, estimated by microscopy (F3.1)

+++ DATA +++

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ASGR 0112		00					
HASP 0112		34					
KOSC 0112		66				77	
LEDE 0112		66					
LIPU 0112		34				10	
PLPU 0112		209					
PO 0112		84					
SAKA 0112		48					
SPCO 0112		192				278	
THTR 0112		122					
BOGR 0121		1				345	
SP 0121		00					
ASTA 0121		10					
ASGR 0121		00					
HASP 0121		33					
KOSC 0121		132				53	
LEDE 0121		101					
LIPU 0121		5					
PLPU 0121		204					
F 0121		36					
SAKA 0121		22					
SPCO 0121		133				509	
THTR 0121		267					
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SP 0211		9					
ASTA 0211		25					
ASGR 0211		00					
HASP 0211		5					
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LEDE 0211		31					
LIPU 0211		4					
PLPU 0211		124					
PO 0211		209					
SAKA 0211		36					
SPCO 0211		267				393	
THTR 0211		15					
BOGR 0222		47				448	
SP 0222		7				17	
ASTA 0222		10					
ASGR 0222		8					
HASP 0222		7					
KOSC 0222		271				45	
LEDE 0222		45					
LIPU 0222		00					
PLPU 0222		36					
PO 0222		43					
SAKA 0222		65					
SPCO 0222		292				481	
THTR 0222		122					
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SPCO	0312	242	380
THTR	0312	46	
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SP	0321	00	
ASTA	0321	37	
ASGR	0321	4	
HASP	0321	00	
KOSC	0321	309	20
LEDE	0321	31	
LIPU	0321	8	
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SAKA	0321	10	
SPCO	0321	475	564
THTR	0321	44	
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TA	0411	45	
ASGR	0411	00	12
HASP	0411	45	
KOSC	0411	11	62
LEDE	0411	64	
LIPU	0411	5	
PLPU	0411	205	
PO	0411	00	
SAKA	0411	57	
SPCO	0411	252	338
THTR	0411	68	
BOGR	0422	27	364
SP	0422	00	
ASTA	0422	43	
ASGR	0422	00	
HASP	0422	3	
KOSC	0422	28	39
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PO	0422	2	
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SPCO	0422	342	507
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SAKA 0512	28	
SPCO 0512	221	425
THTR 0512	00	
BOGR 0521	00	262
SP 0521	00	
ASTA 0521	10	
ASGR 0521	0	
HASP 0521	00	
KOSC 0521	332	23
LEDE 0521	20	
LIPU 0521	10	
PLPU 0521	6	
PO 0521	44	
SAKA 0521	45	
SPCO 0521	494	692
THTR 0521	19	
BOGR 0611	30	405
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SAKA 0611	164	
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SPCO 0622	267	654
THTR 0622	36	

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BOGR 0721	95	90	114	294
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ASGR 0721	3			
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LEDE 0721	2			
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SAKA 0721	148	102		
SPCO 0721	541	698	814	639
THTR 0721	20	7		
BOGR 0811	88	65	201	362
SP 0811	226	151	17	33
ASTA 0811	14	13		
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LEDE 0811	19	23		
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PO 0811	6			
SAKA 0811	128	102	26	
SPCO 0811	198	336	678	564
THTR 0811	13	4		
BOGR 0822	43	24	33	229
SP 0822	00	00		
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SAKA 0822	78	138	48	
SPCO 0822	204	379	887	721
THTR 0822	296	112		

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SP 0912	5			39
ASTA 0912	2			
ASGR 0912	58	25		
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KOSC 0912	00	00		
LEDE 0912	26	29		
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PLPU 0912	150	143		
PO 0912	5			
SAKA 0912	297	264	73	
SPCO 0912	254	371	892	659
THTR 0912	28	10		
BOGR 0921	110	91	63	187
SP 0921	4			
ASTA 0921	9			
ASGR 0921	53	40	35	
HASP 0921	23	20		
KOSC 0921	9	1	17	71
LEDE 0921	5			
LIPU 0921	6			
PLPU 0921	117	134		
PO 0921	2			
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SPCO 0921	362	477	779	724
THTR 0921	63	32		
BOGR 1011	82	44	22	357
SP 1011	27	21	11	
ASTA 1011	10			
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HASP 1011	21	11		
KOSC 1011	8			
LEDE 1011	34	39		
LIPU 1011	24	1		
PLPU 1011	54	65		
PO 1011	00	00		
SAKA 1011	299	291	258	
SPCO 1011	264	414	687	585
THTR 1011	29	12		
BOGR 1022	82	26	58	186
SP 1022	1			
ASTA 1022	3			
ASGR 1022	46	43	117	13
HASP 1022	3			
KOSC 1022	4			56
LEDE 1022	23	21		
LIPU 1022	1			
PLPU 1022	128	97	177	
PO 1022	2			
SAKA 1022	230	176	246	
SPCO 1022	329	527	295	739
THTR 1022	63	47		

BOGR 1112	85	33	20	212
" 1112	26	14		83
ASTA 1112	9			
ASGR 1112	109	74		
HASP 1112	13	17		
KOSC 1112	00	00		
LEDE 1112	00	00		
LIPU 1112	140	137	13	11
PLPU 1112	54	37		
PO 1112	00	00		
SAKA 1112	124	97		
SPCO 1112	331	500	689	661
THTR 1112	33	9		
BOGR 1121	22	10		121
SP 1121	00	00		
ASTA 1121	15			
ASGR 1121	90	66	12	
HASP 1121	37	32		
KOSC 1121	30	6	6	50
LEDE 1121	18	13		
LIPU 1121	12	14		
PLPU 1121	36	40		
PO 1121	7			
SAKA 1121	160	101	37	
SPCO 1121	437	625	939	813
THTR 1121	64	31		
BOGR 1211	257	218	404	251
" 1211	98	159		91
ASTA 1211	1			
ASGR 1211	94	58		
HASP 1211	17	11		
KOSC 1211	00	01	16	37
LEDE 1211	1			
LIPU 1211	112	135	33	
PLPU 1211	4			
PO 1211	00	00		
SAKA 1211	99	75		
SPCO 1211	203	238	498	584
THTR 1211	44	17		
BOGR 1222	445	275	164	122
SP 1222	4			
ASTA 1222	7			
ASGR 1222	4			
HASP 1222	3			
KOSC 1222	5			27
LEDF 1222	3			
LIPU 1222	2			
PLPU 1222	16	20		
PO 1222	00	00		
SAKA 1222	73	91	8	
SPCO 1222	297	456	391	820
THTR 1222	16	19		

Chemical Constituents of Forage Species

Data on chemical constituents of forage species collected on the Pawnee Site is Grassland Biome Data Set A2U605B. A description and listing of the data follows:

Columns	Contents
2	Season/diet code
6	Season code
8 - 9	Plant species code
11 - 14	Animal number of the animals that used this species (411)
16	Diet regimen code
18 - 21	Dry weight as percent of wet weight (F4.2)
23 - 26	Percent water (F4.2)
28 - 31	Percent cell wall constituents, by dry weight (F4.2)
33 - 36	Percent cell contents, by dry weight (F4.2)
38 - 41	Percent acid detergent fiber, by dry weight (F4.2)
43 - 46	Percent lignin, by dry weight (F4.2)
48 - 51	Percent protein, by dry weight (F4.2)
53 - 56	Calories per gram dry weight (14)
58 - 61	Availability index $100 - (100 * \% \text{ lignin} / \% \text{ cell contents})$ (F4.2)

+++ DATA +++

	1	2	3	4	5	6	7	8
1	1 01 1234	1 9650 0350	6709 3291	4354 0539	0512 3979	8362		
1	1 03 1234	1 9150 0850	3864 6136	3875 1150	0826 4579	8126		
1	1 04 1234	1 9450 0550	5008 4992	4016 1000	0536 4738	7997		
1	1 05 1234	1 9250 0750	3943 6057	5428 2943	1020 4521	5142		
2	1 01 34	2 9600 0400	6802 3198	4051 0583	0570 4161	8177		
2	1 02 34	2 9430 0570	3620 6380	3581 1042	0587 4558	8367		
2	1 04 34	2 8950 1050	4287 5713	3931 0916	0978 4533	8397		
2	1 05 34	2 9120 0880	4733 5267	5872 3021	0682 4495	4264		
3	2 01 34	2 9600 0400	6802 3198	4051 0583	0570 4161	8177		
3	2 04 34	2 4820 5180	4303 5297	4086 0882	1154 4392	8452		
3	2 06 34	2 3100 6900	2730 7270	2526 0869	1585 4384	8805		
3	2 09 34	2 3910 6090	4197 5803	1622 0609	2028 4262	8959		
3	2 10 34	2 6910 3090	6211 3789	4110 0574	1105 4287	8485		
3	2 12 34	2 7840 2160	6455 3545	4573 0545	0756 4236	8463		
4	2 01 12	2 9600 0400	6802 3198	4051 0583	0570 4161	8177		
4	2 04 12	2 4660 5340	4356 5644	3964 0491	1277 4116	9133		
4	2 06 12	2 2560 7440	1974 8126	1623 0450	1677 4683	9446		
4	2 09 12	2 3990 6010	5197 4803	2622 0219	2914 4582	9544		
4	2 10 12	2 6160 3840	6708 3992	4031 0491	1277 4116	8509		
4	2 11 12	2 3410 6590	5596 4404	3274 0415	1969 4291	9058		
4	2 12 12	2 6710 3290	6487 3513	4213 0582	1221 4329	8342		
4	2 13 12	2 6360 3640	6396 3604	3163 0636	1478 4276	8236		
5	3 01 12	2 5730 4270	7213 2787	3676 0452	0789 4345	8378		
5	3 04 12	2 3930 6070	4606 5394	3606 0791	1057 4806	8534		
5	3 06 12	2 3180 6820	2173 7827	1846 0625	1027 4668	9202		
5	3 07 12	2 2910 7090	4487 5513	3368 0984	0880 4592	8216		
5	3 11 12	2 9600 0400	6802 3198	4051 0583	0570 4161	8177		
5	3 14 12	2 6120 3880	5115 3885	3282 0514	0599 4364	8677		
5	3 16 12	2 3920 6080	5054 4946	3051 0854	1261 4121	8273		
5	3 17 12	2 3970 6030	5544 4456	3405 0887	0703 4323	8009		
5	3 18 12	2 3620 6380	3272 6728	2979 0747	1202 4338	8890		
5	3 19 12	2 3570 6430	4425 5575	2994 0971	1639 4563	8259		
5	3 20 12	2 2610 7390	3756 6244	4051 1034	0887 3903	8344		
6	3 01 1	4 2 6250 3750	7370 2630	3771 0539	0603 4266	7951		
6	3 04 1	4 2 3970 6030	4482 5518	3506 0760	1523 4819	8623		
6	3 06 1	4 2 3440 6560	2046 7954	1796 0708	0891 4792	8858		
6	3 07 1	4 2 2420 7580	4301 5699	3378 0984	0880 4592	9194		
6	3 11 1	4 2 3510 6490	6205 3795	2853 0357	1260 4417	9059		
6	3 16 1	4 2 3820 6180	4437 5563	3342 1004	1165 4129	8195		
6	3 17 1	4 2 3640 6360	6219 3781	3083 0860	1024 4427	7725		
6	3 18 1	4 2 3280 6720	3455 6545	2641 0721	1342 4362	8898		
6	3 19 1	4 2 3080 6920	4904 5096	3290 1036	1755 4666	7967		
6	3 20 1	4 2 2820 7180	4268 5732	4207 1168	0947 3987	7962		
6	3 21 1	4 2 3200 6800	3274 6726	3532 1213	1284 4100	8197		
6	3 22 1	4 2 1740 8260	2588 7412	1511 0322	1818 3224	9566		
6	3 24 1	4 2 3290 6710	3186 6814	1491 0262	2109 3786	9615		
7	4 01 1	4 3 6120 3880	4060 5940	4044 0623	0623 4187	8951		
7	4 06 1	4 3 3440 6560	2046 7954	1796 0708	0891 4792	8858		
7	4 07 1	4 3 3410 6590	4676 5324	4017 1055	1007 4723	8018		
7	4 16 1	4 3 4180 5820	4224 5776	2891 0776	1053 4398	8660		
7	4 17 1	4 3 4550 5450	3261 6739	4296 0864	0876 4511	8718		
7	4 18 1	4 3 4250 5750	3084 6915	2723 0767	1108 4514	8891		
7	4 19 1	4 3 5710 4290	3883 6117	4465 1102	1060 4744	8195		

4	22	1	4	3	2200	7800	2893	7192	1615	0320	1518	3440	9555	
7	4	26	1	4	3	3220	6780	3456	6544	3481	0781	0917	4368	8807
7	4	27	1	4	3	3410	6590	3809	6191	3290	0735	1588	4507	8813
7	4	28	1	4	3	3370	6630	4420	5580	3338	0838	1153	4256	8499

Goat Forage Intake

Goat forage intake data collected in 1970 at the Pawnee Site is Grassland Biome Data Set A2U606B. A description and listing of the data follows:

Columns	Contents
2 - 5	Plant species--four letter abbreviation (bb01 = BOGR + BUDA + CAHE)
8	Day within goat trial
9	Observer
17 - 20	Percent of total bites which were taken on this species (F4.2)
27 - 30	Actual percent by dry weight in hand plucked sample (F4.2)
37 - 40	Estimated percent by dry weight in hand plucked sample (F4.2)
47 - 50	Estimated percent by dry weight in esophageal sample (F4.2)
57 - 60	Estimated percent by dry weight in fecal sample (F4.2)

01	21	3740	3200	1879	3135	4999
7 M	21	40	40		712	4271
SICO	21					
SP	21					
ARLO	21					
FEOC	21	100	100			
SPCO	21					202
EVNU	21	200	170	1417	92	99
THTR	21	2080	2000	1262		
LEDE	21	1200	670	334		
EREF	21					
PSTE	21	80	80	144	92	
LIPU	21					
GA	21					
MILI	21					
GUSA	21	2340	3670	3070	5939	0033
ORLU	21			10	10	
SAKA	21	20	40	575		
SIHY	21	20	20	373		0066
ASGR	21					33
STPA	21	100	100	182		
01	22	6960	4770	4022	3256	5032
AGSM	22	2110	2600	4693	5568	4271
STCO	22					
SP	22	20				
ARLO	22	10				
FEOC	22					
S J	22			10	10	
EVNU	22	40	40		244	53
THTR	22	20				
LEDE	22					
EREF	22	10				
PSTE	22	900	1900	817	448	
LIPU	22	10	20	66		
GA	22	20				
MILI	22					
GUSA	22	980	580	169	244	33
ORLU	22					
SAKA	22					
SIHY	22	10				
ASGR	22					
STPA	22					

01	31	3720	4720	4452	3196	5624
ASM	31	170	150		329	3679
CO	31					
SP	31	200	200	113	142	70
ARLO	31			10	10	
FEOC	31					
SPCO	31					
EVNU	31				142	175
THTR	31	800	430	474	106	
LEDE	31	130				
EREF	31	130	240		35	
PSTE	31	230	130		779	
LIPU	31					
GA	31	20				
MILI	31					
GUSA	31	4530	4050	3789	4445	
ORLU	31					
SAKA	31	20	60	603	142	
SIHY	31	30	30	37		
ASGR	31					
STPA	31					
01	32	1500	2020	2426	3231	5693
AGSM	32	80	80	239	461	3679
STCO	32					
SP	32	200	200	79	393	
ARLO	32					69
FEOC	32					
CO	32					211
EVNU	32					175
THTR	32	3220	1990	1180	1579	
LEDE	32	550	880	239	530	
EREF	32			10	10	
PSTE	32	50	50	79		
LIPU	32			10	10	
GA	32			13	18	
MILI	32	20	20			
GUSA	32	2700	2810	1180	670	
ORLU	32					
SAKA	32	1320	1830	4264	2087	
SIHY	32			25	31	
ASGR	32			47	53	
STPA	32	20	20	95	87	

Site Influences on Antelope Grazing

Data on site influences on antelope grazing collected at the Pawnee Site are Grassland Biome Data Set A2U607B. A description and listing of the data follows:

Columns	Contents
1 - 2	Plot number
3	Plot row
4	Plot column
5 - 7	Soil texture index ^{1/} (F3.2)
8 - 10	Plot slope ^{2/} (F3.2)
11 - 12	Relative abundance ^{3/} BOGR
13 - 14	Relative abundance BUDA
15 - 16	Relative abundance OECO
17 - 18	Relative abundance BAOP
19 - 20	Relative abundance EREF
21 - 22	Relative abundance ARFR
23 - 24	Relative abundance CHNA
25 - 27	Total number bites taken in this plot by all antelope during winter trial (13)
28 - 30	Mean number bites per animal per day
31	Adjusted grazing level code
32 - 34	Total animal time units ^{4/} spent in plot by all antelope during winter trial

^{1/} Soils were ranked from coarsest (Ascalon) to finest (Nunn undifferentiated clay) and assigned values from 1 to 5. The soil texture index is the sum of these values weighted by the proportion of the plot represented by each soil type.

^{2/} Slopes were ranked from flat to most steep and assigned values from 1 to 7. Plot slope is the sum of these values weighted by the proportion of the plot falling within each slope class.

- 3/ Two observers walked through each plot and independently rated the abundance of each plant species, assigning each a numerical value from 0 to 4, where: 0 = none, 1 = present, 2 = frequent, 3 = common, 4 = abundant. For each plot, the two assigned values were added and multiplied by two to get "relative abundance."
- 4/ Each time a pair of grazing animals entered a plot and left it without going halfway into it, the plot accumulated 0.5 animal time units. Each time a pair went halfway or more into a plot, that plot accumulated 1 animal time unit.

+++ DATA +++

1	2	3	4	5	6	7	8
1234567890123456789012345678901234567890123456789012345678901234567890							
5113155751612	610	610	6100	501	55		
4124353251616	810	4 8	6 0	00	15		
3133604201616	6 6	4 4	4 0	00	05		
2142754751616	416	8 2	4 0	00	05		
1152505501616	416	4 4	6 50	251	40		
6212403501612	8 6	812	62601303	70			
7222806501616	4 6	410	2120	601	20		
8233953751616	8 8	812	6100	501	25		
92440536516161010	6 4	6 0	00	35			
10253055251616	4 8	2 4	6 0	00	20		
153120020016	8 8	8 814	62601303	70			
143230541816	8 8	8 816	62601303	60			
133329066016	412	8 810	6 30	151	65		
123436453616	4 8	8 410	8 10	51	20		
11354952351612	4 4	4 8	4 0	00	10		
164120020016	4 8	8 8 8	84002004	195			
174220020016	416141610	65002504	115				
18 19042516	4 8	8 8 8	6 20	101	60		
194425055016	410	4 6	8 6 10	51	30		
204537535016	8 4	4 6	6 6 0	00	05		
255120020016	4 8	8 6	8 44002004	155			
245220020016	4 8	41010	63001503	185			
235317530516	2 4	2 6	8 6 80	401	35		
225419052516	4 4	410	6 2 20	101	50		
215513047516	4 4	2 810	6 10	51	40		
266120020016	412	8 810102601303	130				
276220020016	4 4	61010	4 40	201	80		
286320020016	4 8	8 8 6	6 0	00	40		
296436060016	8 6	4 8	6 8 10	51	20		
306531055516	8 4	2 810	6 10	51	30		
357114023016	6 6	610	8 4140	702	100		
347212523916	4 6	8 810	6180	902	60		
337315022516	4 6	6 8	8 8180	902	55		
327429045516	4 8	012	810180	902	55		
317549056516	8 6	4 812	6 10	51	20		
368119520316	4 4	6 0	8 8 70	351	40		
378215022616	4 6	12 8	8 4120	604	40		
388311024816	4 8	810	8 8160	802	50		
398413027516	2 6	612	8 82001002	50			
408528043616	8 6	41010	4 0	00	15		

Mean Chemical Composition of Hand Plucked Plants

Data on mean chemical composition of hand plucked plants taken at the Pawnee Site is Grassland Biome Data Set A2U608B. A description and listing of the data follows:

Columns	Contents
1	Animal number
6	Season code
10	Always punched with a number 1 indicating a hand plucked sample
14	Season/diet code
18 - 61	Same as A2U605B; "Chemical Constituents of Forage Species"

Chemical Composition of Hand Plucked Plants--Summer Intensive
Chemical composition of hand plucked plants--summer intensive data
collected at the Pawnee Site is Grassland Biome Data Set A2U609B. A
description and listing of the data follows:

Columns	Contents
1	Animal number
3 - 4	Day within the entire trial
18 - 61	Same as A2U605B; "Chemical Constituents of Forage Species"

+++ DATA +++

	1	2	3	4	5	6	7	8			
	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890			
1 34		3654	6346	3891	6109	2892	0600	1254	3952	9018	
1 35		3941	6059	4700	5300	3372	0724	1170	4263	8634	
1 36		3593	6407	4144	5856	3067	0700	1208	4075	8805	
1 37		3411	6589	3953	6047	3153	0745	1287	4063	8768	
1 38		3901	6099	3998	6002	3124	0785	1168	4272	8692	
1 39		4220	5780	4824	5176	3348	0628	0995	4179	8787	
4 34		3931	6069	4196	5804	3028	0751	1355	4179	8706	
4 35		3566	6434	4181	5819	3159	0769	1301	4346	8678	
4 36		3925	6075	4319	5681	3075	0713	1202	4284	8745	
4 37		3708	6292	4199	5801	3154	0825	1105	4234	8578	
4 38		3848	6152	4337	5663	3008	0723	1224	4206	8724	
4 39		4405	5595	4298	5702	3005	0831	1099	4261	8543	

Chemical Constituents of Goat Diet

Data on chemical constituents of goat diet collected at the Pawnee Site is Grassland Biome Data Set A2U60AB. A description and listing of the data follows:

Columns	Contents
1	Method code
9	Observer
17	Day within goat trial
26 - 30	Percent nitrogen by dry weight (F4.1)
31 - 35	Percent acid detergent fiber by dry weight (F4.1)
36 - 40	Percent lignin by dry weight (F4.1)

+++ DATA +++

1										2										3										4										5										6										7										8																																							
1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890																																																																						
1	1									1										1																		160	4152	926	156	4108	887	160	3971	991	165	4057	1011	147	4131	1136	148	4125	1067	172	4264	862	171	4356	840	173	3785	785	180	3142	705	177	3976	1054	169	3942	1013	133	3507	669	133	3498	644	129	4124	926	126	3918	855	129	3913	932	126	4009	856	149	3700	482	145	3243	617	128	3074	579	124	3595	661	147	3438	792	146	3515	776

Estimated Chemical Composition of Daily Antelope

Consumption by Species

Data on estimated chemical composition of daily antelope consumption by species is Grassland Biome Data Set A2U60BB. This is a derived data set, derived from data sets A2U603B, "Antelope Forage Intake," and A2U605B, "Chemical Constituents of Forage Species." A description and listing of the data follows:

Columns	Contents
1	Animal number
3	Season/diet code
6	Day within entire trial
8 - 9	Plant species code
11	Season code
13	Diet regimen code
15 - 19	Percent dry weight this species (F5.2)
21 - 25	Percent moisture this species (F5.2)
27 - 31	Percent cell wall constituents by dry weight (F5.2)
33 - 37	Percent cell contents by dry weight (F5.2)
39 - 43	Percent acid detergent fiber by dry weight (F5.2)
45 - 49	Percent lignin by dry weight (F5.2)
51 - 55	Percent protein by dry weight (F5.2)
57 - 61	Hundreds of calories per gram F(5.2)
63 - 67	Availability index 100 - (100* % lignin/% cell contents) (F5.2)
69 - 72	Percent by dry weight that this species comprised of total diet of this animal on this day

+++ DATA +++

		1		2		3		4		5		6		7		8	
1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
1	1	1	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	37.0			
1	1	1	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	37.0			
1	1	1	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	45.6			
1	1	1	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	12.4			
1	1	1	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	3.1			
1	1	2	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	59.1			
1	1	2	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	24.0			
1	1	2	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	4.5			
1	1	2	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	9.9			
1	1	3	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	67.5			
1	1	3	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	24.7			
1	1	3	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	5.4			
1	1	3	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	.7			
1	1	4	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	77.5			
1	1	4	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	13.3			
1	1	4	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	3.0			
1	1	4	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	0.0			
1	1	5	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	34.0			
1	1	5	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	28.4			
1	1	5	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	9.4			
1	1	5	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	18.7			
1	1	6	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	85.7			
1	1	6	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	10.6			
1	1	6	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	0.0			
1	1	6	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	3.1			
2	1	2	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	68.1			
2	1	2	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	0.0			
2	1	2	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	27.6			
2	1	2	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	0.0			
2	1	3	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	77.1			
2	1	3	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	0.0			
2	1	3	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	19.5			
2	1	3	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	3.5			
2	1	4	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	51.8			
2	1	4	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	30.2			
2	1	4	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	0.0			
2	1	4	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	0.0			
2	1	5	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	83.8			
2	1	5	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	6.1			
2	1	5	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	0.0			
2	1	5	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	3.1			
2	1	6	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	59.8			
2	1	6	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	20.8			
2	1	6	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	0.0			
2	1	6	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	3.3			
3	1	1	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	49.6			
3	1	1	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	31.7			
3	1	1	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	16.7			
3	1	1	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	2.3			
3	1	7	1	1	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	59.5			
3	1	7	3	1	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	36.1			
3	1	7	4	1	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	0.0			
3	1	7	5	1	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	0.0			

3	8	1	1	2	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	2.8	
3	8	3	1	2	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	24.8	
3	1	8	4	1	2	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	56.7
3	1	8	5	1	2	97.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	12.6
3	2	9	1	1	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	36.5
3	2	9	2	1	2	94.30	5.70	36.20	63.80	35.81	10.42	5.87	45.58	83.67	22.2
3	2	9	4	1	2	89.50	10.50	42.87	57.13	39.31	9.16	9.78	45.33	83.97	16.8
3	2	9	5	1	2	91.20	8.80	47.33	52.67	58.72	30.21	6.82	44.95	42.64	23.4
3	2	10	1	1	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	2.1
3	2	10	2	1	2	94.30	5.70	36.20	63.80	35.81	10.42	5.87	45.58	83.67	16.2
3	2	10	4	1	2	89.50	10.50	42.87	57.13	39.31	9.16	9.78	45.33	83.97	73.8
3	2	10	5	1	2	91.20	8.80	47.33	52.67	58.72	30.21	6.82	44.95	42.64	1.5
3	2	11	1	1	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	5.6
3	2	11	2	1	2	94.30	5.70	36.20	63.80	35.81	10.42	5.87	45.58	83.67	17.7
3	2	11	4	1	2	89.50	10.50	42.87	57.13	39.31	9.16	9.78	45.33	83.97	70.3
3	2	11	5	1	2	91.20	8.80	47.33	52.67	58.72	30.21	6.82	44.95	42.64	0.0
4	1	7	1	1	2	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	79.8
4	1	7	3	1	2	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	2.1
4	1	7	4	1	2	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	4.9
4	1	7	5	1	2	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	0.0
4	1	8	1	1	2	96.50	3.50	67.09	32.91	43.54	5.39	5.12	39.79	83.62	28.2
4	1	8	3	1	2	91.50	8.50	38.64	61.36	38.75	11.50	8.26	45.79	81.26	11.7
4	1	8	4	1	2	94.50	5.50	50.08	49.92	40.16	10.00	5.36	47.38	79.97	46.2
4	1	8	5	1	2	92.50	7.50	39.43	60.57	54.28	29.43	10.20	45.21	51.42	12.9
4	2	9	1	1	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	20.2
4	2	9	2	1	2	94.30	5.70	36.20	63.80	35.81	10.42	5.87	45.58	83.67	28.1
4	2	9	4	1	2	89.50	10.50	42.87	57.13	39.31	9.16	9.78	45.33	83.97	29.3
4	2	9	5	1	2	91.20	8.80	47.33	52.67	58.72	30.21	6.82	44.95	42.64	16.0
4	2	10	1	1	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	6.3
4	2	10	2	1	2	94.30	5.70	36.20	63.80	35.81	10.42	5.87	45.58	83.67	19.7
4	2	10	4	1	2	89.50	10.50	42.87	57.13	39.31	9.16	9.78	45.33	83.97	62.7
4	2	10	5	1	2	91.20	8.80	47.33	52.67	58.72	30.21	6.82	44.95	42.64	4.5
4	2	11	1	1	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	.5
4	2	11	2	1	2	94.30	5.70	36.20	63.80	35.81	10.42	5.87	45.58	83.67	24.4
4	2	11	4	1	2	89.50	10.50	42.87	57.13	39.31	9.16	9.78	45.33	83.97	73.6
4	2	11	5	1	2	91.20	8.80	47.33	52.67	58.72	30.21	6.82	44.95	42.64	.3
4	3	12	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	33.9
4	3	12	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	27.7
4	3	12	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	0.0
4	3	12	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	0.0
4	3	12	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	0.0
4	3	12	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	4.9
4	3	13	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	10.3
4	3	13	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	74.9
4	3	13	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	0.0
4	3	13	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	0.0
4	3	13	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	0.0
4	3	13	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	0.0
4	3	14	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	0.0
4	3	14	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	76.4
4	3	14	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	0.0
4	3	14	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	0.0
4	3	14	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	7.2
4	3	14	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	0.0

4	3	15	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	6.2
4	3	15	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	40.1
4	3	15	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	18.9
4	3	15	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	4.9
4	3	15	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	1.2
4	3	15	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	5.7
4	3	16	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	1.3
4	3	16	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	56.2
4	3	16	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	25.0
4	3	16	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	8.6
4	3	16	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	3.5
4	3	16	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	0.0
3	3	12	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	47.3
3	3	12	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	34.5
3	3	12	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	0.0
3	3	12	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	0.0
3	3	12	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	0.0
3	3	12	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	0.0
3	3	13	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	1.8
3	3	13	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	78.6
3	3	13	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	5.3
3	3	13	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	0.0
3	3	13	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	0.0
3	3	13	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	0.0
3	3	14	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	2.9
3	3	14	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	73.1
3	3	14	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	8.0
3	3	14	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	1.1
3	3	14	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	0.0
3	3	14	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	4.3
3	3	15	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	15.0
3	3	15	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	39.6
3	3	15	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	1.8
3	3	15	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	2.7
3	3	15	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	9.7
3	3	15	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	3.6
3	3	16	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	1.1
3	3	16	4	2	2	48.20	51.80	43.03	52.97	40.86	8.82	11.54	43.92	84.52	70.5
3	3	16	6	2	2	31.00	69.00	27.30	72.70	25.26	8.69	15.85	43.84	88.05	2.6
3	3	16	9	2	2	39.10	60.90	41.97	58.03	16.22	6.09	20.28	42.62	89.59	8.7
3	3	16	10	2	2	69.10	30.90	62.11	37.89	41.10	5.74	11.05	42.87	84.85	5.8
3	3	16	12	2	2	78.40	21.60	64.55	35.45	45.73	5.45	7.56	42.36	84.63	5.6
1	4	17	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	6.1
1	4	17	4	2	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	33.5
1	4	17	6	2	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	4.2
1	4	17	9	2	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	6.1
1	4	17	10	2	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	10.0
1	4	17	11	2	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	0.0
1	4	17	12	2	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	40.0
1	4	17	13	2	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	0.0

1	4	18	1	2	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	7.8
1	4	18	4	2	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	16.3
1	4	18	6	2	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	0.0
1	4	18	9	2	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	4.4
1	4	18	10	2	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	20.4
1	4	18	11	2	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	20.1
1	4	18	12	2	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	10.4
1	4	18	13	2	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	0.0
1	4	19	4	2	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	57.3
1	4	19	6	2	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	1.2
1	4	19	9	2	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	8.9
1	4	19	10	2	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	15.2
1	4	19	11	2	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	0.0
1	4	19	12	2	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	0.0
1	4	19	13	2	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	16.9
1	4	20	4	2	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	15.2
1	4	20	6	2	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	11.4
1	4	20	9	2	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	2.5
1	4	20	10	2	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	5.8
1	4	20	11	2	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	0.0
1	4	20	12	2	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	0.0
1	4	20	13	2	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	45.1
1	4	21	4	2	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	12.9
1	4	21	6	2	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	1.3
1	4	21	9	2	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	5.8
1	4	21	10	2	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	32.2
1	4	21	11	2	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	22.3
1	4	21	12	2	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	10.0
1	4	21	13	2	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	10.5
2	4	17	1	3	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	20.5
2	4	17	4	3	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	30.3
2	4	17	6	3	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	20.2
2	4	17	9	3	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	14.3
2	4	17	10	3	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	7.9
2	4	17	11	3	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	0.0
2	4	17	12	3	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	6.7
2	4	17	13	3	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	0.0
2	4	18	1	3	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	0.0
2	4	18	4	3	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	6.8
2	4	18	6	3	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	20.1
2	4	18	9	3	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	6.3
2	4	18	10	3	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	5.8
2	4	18	11	3	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	.9
2	4	18	12	3	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	.8
2	4	18	13	3	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	5.5
2	4	19	4	3	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	50.9
2	4	19	6	3	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	36.7
2	4	19	9	3	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	4.0
2	4	19	10	3	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	4.3
2	4	19	11	3	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	0.0
2	4	19	12	3	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	0.0
2	4	19	13	3	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	4.1

2	4	20	4	3	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	37.5
2	4	20	6	3	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	40.4
2	4	20	9	3	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	.1
2	4	20	10	3	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	8.2
2	4	20	11	3	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	0.0
2	4	20	12	3	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	0.0
2	4	20	13	3	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	10.5
2	4	21	4	3	2	46.60	53.40	43.56	56.44	39.64	4.91	12.77	41.16	91.33	44.5
2	4	21	6	3	2	25.60	74.40	19.74	81.26	16.53	4.50	16.77	46.83	94.46	4.5
2	4	21	9	3	2	39.90	60.10	51.97	48.03	26.22	2.19	29.14	45.82	95.44	6.8
2	4	21	10	3	2	61.60	38.40	67.08	39.92	40.31	4.91	12.77	41.16	85.09	12.7
2	4	21	11	3	2	34.10	65.90	55.96	44.04	32.74	4.15	19.69	42.91	90.58	.9
2	4	21	12	3	2	67.10	32.90	64.87	35.13	42.13	5.82	12.21	43.29	83.42	.6
2	4	21	13	3	2	63.60	36.40	63.96	36.04	31.63	6.36	14.78	42.76	82.36	.8
1	5	22	1	3	2	57.30	42.70	72.13	27.87	36.76	4.52	7.89	43.45	83.78	8.3
1	5	22	4	3	2	39.30	60.70	46.06	53.94	36.06	7.91	10.57	48.06	85.34	12.6
1	5	22	6	3	2	31.80	68.20	21.73	78.27	18.46	6.25	10.27	46.68	92.02	0.0
1	5	22	7	3	2	29.10	70.90	44.87	55.13	33.68	9.84	8.80	45.92	82.16	5.2
1	5	22	11	3	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	0.0
1	5	22	16	3	2	39.20	60.80	50.54	49.46	30.51	8.54	12.61	41.21	82.73	34.3
1	5	22	17	3	2	39.70	60.30	55.44	44.56	34.05	8.87	7.03	43.23	80.09	1.8
1	5	22	18	3	2	36.20	63.80	32.72	67.28	29.79	7.47	12.02	43.38	88.90	0.0
1	5	22	19	3	2	35.70	64.30	44.25	55.75	29.94	9.71	16.39	45.63	82.59	0.0
1	5	22	20	3	2	26.10	73.90	37.56	62.44	40.81	10.34	8.87	39.03	83.44	0.0
1	5	23	1	3	2	57.30	42.70	72.13	27.87	36.76	4.52	7.89	43.45	83.78	2.4
1	5	23	4	3	2	39.30	60.70	46.06	53.94	36.06	7.91	10.57	48.06	85.34	23.9
1	5	23	6	3	2	31.80	68.20	21.73	78.27	18.46	6.25	10.27	46.68	92.02	0.0
1	5	23	7	3	2	29.10	70.90	44.87	55.13	33.68	9.84	8.80	45.92	82.16	0.0
1	5	23	11	3	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	0.0
1	5	23	16	3	2	39.20	60.80	50.54	49.46	30.51	8.54	12.61	41.21	82.73	23.2
1	5	23	17	3	2	39.70	60.30	55.44	44.56	34.05	8.87	7.03	43.23	80.09	1.5
1	5	23	18	3	2	36.20	63.80	32.72	67.28	29.79	7.47	12.02	43.38	88.90	14.7
1	5	23	19	3	2	35.70	64.30	44.25	55.75	29.94	9.71	16.39	45.63	82.59	6.5
1	5	23	20	3	2	26.10	73.90	37.56	62.44	40.81	10.34	8.87	39.03	83.44	0.0
1	5	24	1	3	2	57.30	42.70	72.13	27.87	36.76	4.52	7.89	43.45	83.78	1.9
1	5	24	4	3	2	39.30	60.70	46.06	53.94	36.06	7.91	10.57	48.06	85.34	2.2
1	5	24	6	3	2	31.80	68.20	21.73	78.27	18.46	6.25	10.27	46.68	92.02	0.0
1	5	24	7	3	2	29.10	70.90	44.87	55.13	33.68	9.84	8.80	45.92	82.16	11.9
1	5	24	11	3	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	9.8
1	5	24	16	3	2	39.20	60.80	50.54	49.46	30.51	8.54	12.61	41.21	82.73	2.1
1	5	24	17	3	2	39.70	60.30	55.44	44.56	34.05	8.87	7.03	43.23	80.09	23.8
1	5	24	18	3	2	36.20	63.80	32.72	67.28	29.79	7.47	12.02	43.38	88.90	23.8
1	5	24	19	3	2	35.70	64.30	44.25	55.75	29.94	9.71	16.39	45.63	82.59	10.1
1	5	24	20	3	2	26.10	73.90	37.56	62.44	40.81	10.34	8.87	39.03	83.44	3.9
2	5	22	1	3	2	57.30	42.70	72.13	27.87	36.76	4.52	7.89	43.45	83.78	0.0
2	5	22	4	3	2	39.30	60.70	46.06	53.94	36.06	7.91	10.57	48.06	85.34	7.2
2	5	22	6	3	2	31.80	68.20	21.73	78.27	18.46	6.25	10.27	46.68	92.02	25.8
2	5	22	7	3	2	29.10	70.90	44.87	55.13	33.68	9.84	8.80	45.92	82.16	0.0
2	5	22	11	3	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	0.0
2	5	22	16	3	2	39.20	60.80	50.54	49.46	30.51	8.54	12.61	41.21	82.73	58.3
2	5	22	17	3	2	39.70	60.30	55.44	44.56	34.05	8.87	7.03	43.23	80.09	0.0
2	5	22	18	3	2	36.20	63.80	32.72	67.28	29.79	7.47	12.02	43.38	88.90	1.3

2	5	22	19	3	2	35.70	64.30	44.25	55.75	29.94	9.71	16.39	45.63	82.59	0.0
2	5	22	20	3	2	26.10	73.90	37.56	62.44	40.81	10.34	8.87	39.03	83.44	0.0
2	5	23	1	3	2	57.30	42.70	72.13	27.87	36.76	4.52	7.89	43.45	83.78	2.1
2	5	23	4	3	2	39.30	60.70	46.06	53.94	36.06	7.91	10.57	48.06	85.34	27.7
2	5	23	6	3	2	31.80	68.20	21.73	78.27	18.46	6.25	10.27	46.68	92.02	17.7
2	5	23	7	3	2	29.10	70.90	44.87	55.13	33.68	9.84	8.80	45.92	82.16	0.0
2	5	23	11	3	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	0.0
2	5	23	16	3	2	39.20	60.80	50.54	49.46	30.51	8.54	12.61	41.21	82.73	35.4
2	5	23	17	3	2	39.70	60.30	55.44	44.56	34.05	8.87	7.03	43.23	80.09	1.7
2	5	23	18	3	2	36.20	63.80	32.72	67.28	29.79	7.47	12.02	43.38	88.90	0.0
2	5	23	19	3	2	35.70	64.30	44.25	55.75	29.94	9.71	16.39	45.63	82.59	0.0
2	5	23	20	3	2	26.10	73.90	37.56	62.44	40.81	10.34	8.87	39.03	83.44	1.0
2	5	24	1	3	2	57.30	42.70	72.13	27.87	36.76	4.52	7.89	43.45	83.78	1.8
2	5	24	4	3	2	39.30	60.70	46.06	53.94	36.06	7.91	10.57	48.06	85.34	1.7
2	5	24	6	3	2	31.80	68.20	21.73	78.27	18.46	6.25	10.27	46.68	92.02	8.0
2	5	24	7	3	2	29.10	70.90	44.87	55.13	33.68	9.84	8.80	45.92	82.16	25.5
2	5	24	11	3	2	96.00	4.00	68.02	31.98	40.51	5.83	5.70	41.61	81.77	0.0
2	5	24	16	3	2	39.20	60.80	50.54	49.46	30.51	8.54	12.61	41.21	82.73	18.4
2	5	24	17	3	2	39.70	60.30	55.44	44.56	34.05	8.87	7.03	43.23	80.09	20.7
2	5	24	18	3	2	36.20	63.80	32.72	67.28	29.79	7.47	12.02	43.38	88.90	13.3
2	5	24	19	3	2	35.70	64.30	44.25	55.75	29.94	9.71	16.39	45.63	82.59	0.0
2	5	24	20	3	2	26.10	73.90	37.56	62.44	40.81	10.34	8.87	39.03	83.44	1.6
1	6	25	1	3	2	62.50	37.50	73.70	26.30	37.71	5.39	6.03	42.66	79.51	3.1
1	6	25	4	3	2	39.70	60.30	44.82	55.18	35.06	7.60	15.23	48.19	86.23	0.0
1	6	25	6	3	2	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	6	25	7	3	2	24.20	75.80	43.01	56.99	33.78	9.84	8.80	45.92	91.94	17.1
1	6	25	16	3	2	38.20	61.80	44.37	55.63	33.42	10.04	11.65	41.29	81.95	8.0
1	6	25	17	3	2	36.40	63.60	62.19	37.81	30.83	8.60	10.24	44.27	77.25	1.2
1	6	25	18	3	2	32.80	67.20	34.55	65.45	26.41	7.21	13.42	43.62	88.98	38.2
1	6	25	19	3	2	30.80	69.20	49.04	50.96	32.90	10.36	17.55	46.66	79.67	8.5
1	6	25	20	3	2	28.20	71.80	42.68	57.32	42.07	11.68	9.47	39.87	79.62	4.6
1	6	25	21	3	2	32.00	68.00	32.74	67.26	35.32	12.13	12.84	41.00	81.97	3.1
1	6	25	22	3	2	17.40	82.60	25.88	74.12	15.11	3.22	18.18	32.24	95.66	0.0
1	6	25	24	3	2	32.90	67.10	31.86	68.14	14.91	2.62	21.09	37.86	96.15	0.0
1	6	26	1	3	2	62.50	37.50	73.70	26.30	37.71	5.39	6.03	42.66	79.51	0.0
1	6	26	4	3	2	39.70	60.30	44.82	55.18	35.06	7.60	15.23	48.19	86.23	0.0
1	6	26	6	3	2	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	6	26	7	3	2	24.20	75.80	43.01	56.99	33.78	9.84	8.80	45.92	91.94	14.3
1	6	26	16	3	2	38.20	61.80	44.37	55.63	33.42	10.04	11.65	41.29	81.95	46.3
1	6	26	17	3	2	36.40	63.60	62.19	37.81	30.83	8.60	10.24	44.27	77.25	1.2
1	6	26	18	3	2	32.80	67.20	34.55	65.45	26.41	7.21	13.42	43.62	88.98	2.5
1	6	26	19	3	2	30.80	69.20	49.04	50.96	32.90	10.36	17.55	46.66	79.67	1.6
1	6	26	20	3	2	28.20	71.80	42.68	57.32	42.07	11.68	9.47	39.87	79.62	20.5
1	6	26	21	3	2	32.00	68.00	32.74	67.26	35.32	12.13	12.84	41.00	81.97	3.7
1	6	26	22	3	2	17.40	82.60	25.88	74.12	15.11	3.22	18.18	32.24	95.66	0.0
1	6	26	24	3	2	32.90	67.10	31.86	68.14	14.91	2.62	21.09	37.86	96.15	6.4
1	6	27	1	3	2	62.50	37.50	73.70	26.30	37.71	5.39	6.03	42.66	79.51	1.3
1	6	27	4	3	2	39.70	60.30	44.82	55.18	35.06	7.60	15.23	48.19	86.23	0.0
1	6	27	6	3	2	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	6	27	7	3	2	24.20	75.80	43.01	56.99	33.78	9.84	8.80	45.92	91.94	10.7
1	6	27	16	3	2	38.20	61.80	44.37	55.63	33.42	10.04	11.65	41.29	81.95	26.7
1	6	27	17	3	2	36.40	63.60	62.19	37.81	30.83	8.60	10.24	44.27	77.25	3.3
1	6	27	18	3	2	32.80	67.20	34.55	65.45	26.41	7.21	13.42	43.62	88.98	0.0
1	6	27	19	3	2	30.80	69.20	49.04	50.96	32.90	10.36	17.55	46.66	79.67	3.1
1	6	27	20	3	2	28.20	71.80	42.68	57.32	42.07	11.68	9.47	39.87	79.62	6.7
1	6	27	21	3	2	32.00	68.00	32.74	67.26	35.32	12.13	12.84	41.00	81.97	4.7
1	6	27	22	3	2	17.40	82.60	25.88	74.12	15.11	3.22	18.18	32.24	95.66	1.3
1	6	27	24	3	2	32.90	67.10	31.86	68.14	14.91	2.62	21.09	37.86	96.15	10.9

4	6	25	1	3	2	62.50	37.50	73.70	26.30	37.71	5.39	6.03	42.66	79.51	7.7
4	6	25	4	3	2	39.70	60.30	44.82	55.18	35.06	7.60	15.23	48.19	86.23	14.5
4	6	25	6	3	2	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	15.9
4	6	25	7	3	2	24.20	75.80	43.01	56.99	33.78	9.84	8.80	45.92	91.94	14.8
4	6	25	16	3	2	38.20	61.80	44.37	55.63	33.42	10.04	11.65	41.29	81.95	22.3
4	6	25	17	3	2	36.40	63.60	62.19	37.81	30.83	8.60	10.24	44.27	77.25	3.6
4	6	25	18	3	2	32.80	67.20	34.55	65.45	26.41	7.21	13.42	43.62	88.98	5.7
4	6	25	19	3	2	30.80	69.20	49.04	50.96	32.90	10.36	17.55	46.66	79.67	2.9
4	6	25	20	3	2	28.20	71.80	42.68	57.32	42.07	11.68	9.47	39.87	79.62	0.0
4	6	25	21	3	2	32.00	68.00	32.74	67.26	35.32	12.13	12.84	41.00	81.97	2.2
4	6	25	22	3	2	17.40	82.60	25.88	74.12	15.11	3.22	18.18	32.24	95.66	0.0
4	6	25	24	3	2	32.90	67.10	31.86	68.14	14.91	2.62	21.09	37.86	96.15	0.0
4	6	26	1	3	2	62.50	37.50	73.70	26.30	37.71	5.39	6.03	42.66	79.51	0.0
4	6	26	4	3	2	39.70	60.30	44.82	55.18	35.06	7.60	15.23	48.19	86.23	0.0
4	6	26	6	3	2	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
4	6	26	7	3	2	24.20	75.80	43.01	56.99	33.78	9.84	8.80	45.92	91.94	5.6
4	6	26	16	3	2	38.20	61.80	44.37	55.63	33.42	10.04	11.65	41.29	81.95	30.3
4	6	26	17	3	2	36.40	63.60	62.19	37.81	30.83	8.60	10.24	44.27	77.25	0.0
4	6	26	18	3	2	32.80	67.20	34.55	65.45	26.41	7.21	13.42	43.62	88.98	14.5
4	6	26	19	3	2	30.80	69.20	49.04	50.96	32.90	10.36	17.55	46.66	79.67	1.9
4	6	26	20	3	2	28.20	71.80	42.68	57.32	42.07	11.68	9.47	39.87	79.62	10.9
4	6	26	21	3	2	32.00	68.00	32.74	67.26	35.32	12.13	12.84	41.00	81.97	2.1
4	6	26	22	3	2	17.40	82.60	25.88	74.12	15.11	3.22	18.18	32.24	95.66	15.3
4	6	26	24	3	2	32.90	67.10	31.86	68.14	14.91	2.62	21.09	37.86	96.15	9.4
4	6	27	1	3	2	62.50	37.50	73.70	26.30	37.71	5.39	6.03	42.66	79.51	93.8
4	6	27	4	3	2	39.70	60.30	44.82	55.18	35.06	7.60	15.23	48.19	86.23	0.0
4	6	27	6	3	2	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
4	6	27	7	3	2	24.20	75.80	43.01	56.99	33.78	9.84	8.80	45.92	91.94	2.7
4	6	27	16	3	2	38.20	61.80	44.37	55.63	33.42	10.04	11.65	41.29	81.95	0.0
4	6	27	17	3	2	36.40	63.60	62.19	37.81	30.83	8.60	10.24	44.27	77.25	0.0
4	6	27	18	3	2	32.80	67.20	34.55	65.45	26.41	7.21	13.42	43.62	88.98	0.0
4	6	27	19	3	2	30.80	69.20	49.04	50.96	32.90	10.36	17.55	46.66	79.67	1.1
4	6	27	20	3	2	28.20	71.80	42.68	57.32	42.07	11.68	9.47	39.87	79.62	0.0
4	6	27	21	3	2	32.00	68.00	32.74	67.26	35.32	12.13	12.84	41.00	81.97	0.0
4	6	27	22	3	2	17.40	82.60	25.88	74.12	15.11	3.22	18.18	32.24	95.66	0.0
4	6	27	24	3	2	32.90	67.10	31.86	68.14	14.91	2.62	21.09	37.86	96.15	0.0
1	7	34	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	14.4
1	7	34	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	7	34	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	0.0
1	7	34	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	55.7
1	7	34	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	2.3
1	7	34	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	0.0
1	7	34	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	0.0
1	7	34	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	26.6
1	7	34	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	0.0
1	7	34	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	0.0
1	7	34	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
1	7	35	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	6.5
1	7	35	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	7	35	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	.4
1	7	35	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	33.6
1	7	35	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	15.8
1	7	35	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	3.7
1	7	35	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	2.3
1	7	35	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	10.2
1	7	35	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	0.0
1	7	35	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	.8
1	7	35	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	1.3

1	7	36	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	6.9
1	7	36	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	7	36	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	1.0
1	7	36	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	37.1
1	7	36	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	14.3
1	7	36	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	3.7
1	7	36	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	2.9
1	7	36	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	26.4
1	7	36	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	0.0
1	7	36	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	2.5
1	7	36	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
1	7	37	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	4.4
1	7	37	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	7	37	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	1.2
1	7	37	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	41.4
1	7	37	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	6.5
1	7	37	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	1.1
1	7	37	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	3.9
1	7	37	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	29.1
1	7	37	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	.1
1	7	37	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	4.2
1	7	37	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
1	7	38	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	3.3
1	7	38	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	7	38	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	.9
1	7	38	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	50.0
1	7	38	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	3.7
1	7	38	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	1.7
1	7	38	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	0.0
1	7	38	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	9.7
1	7	38	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	13.7
1	7	38	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	7.4
1	7	38	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
1	7	39	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	21.8
1	7	39	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
1	7	39	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	1.7
1	7	39	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	23.8
1	7	39	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	0.0
1	7	39	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	1.1
1	7	39	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	0.0
1	7	39	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	7.5
1	7	39	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	13.5
1	7	39	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	5.8
1	7	39	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
4	7	34	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	9.0
4	7	34	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	2.6
4	7	34	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	.7
4	7	34	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	69.8
4	7	34	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	2.1
4	7	34	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	0.0
4	7	34	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	0.0
4	7	34	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	10.2
4	7	34	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	0.0
4	7	34	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	0.0
4	7	34	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	1.0

4	7	35	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	2.4
4	7	35	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
4	7	35	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	11.2
4	7	35	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	37.9
4	7	35	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	8.3
4	7	35	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	0.0
4	7	35	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	6.6
4	7	35	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	13.8
4	7	35	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	2.9
4	7	35	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	8.4
4	7	35	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
4	7	36	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	9.1
4	7	36	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	9.0
4	7	36	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	3.2
4	7	36	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	47.7
4	7	36	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	13.4
4	7	36	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	2.0
4	7	36	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	0.0
4	7	36	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	11.3
4	7	36	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	0.0
4	7	36	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	4.0
4	7	36	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
4	7	37	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	2.6
4	7	37	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	3.0
4	7	37	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	4.7
4	7	37	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	52.7
4	7	37	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	9.7
4	7	37	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	0.0
4	7	37	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	2.1
4	7	37	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	17.6
4	7	37	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	0.0
4	7	37	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	4.3
4	7	37	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
4	7	38	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	1.0
4	7	38	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	0.0
4	7	38	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	3.1
4	7	38	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	62.5
4	7	38	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	4.0
4	7	38	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	3.2
4	7	38	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	1.3
4	7	38	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	10.1
4	7	38	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	1.4
4	7	38	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	6.6
4	7	38	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0
4	7	39	1	4	3	61.20	38.80	40.60	59.40	40.49	6.23	6.23	41.87	89.51	27.5
4	7	39	6	4	3	34.40	65.60	20.46	79.54	17.96	7.08	8.91	47.92	88.58	2.9
4	7	39	7	4	3	34.10	65.90	46.76	53.24	40.17	10.55	10.07	47.23	80.18	1.9
4	7	39	16	4	3	41.80	58.20	42.24	57.76	28.91	7.76	10.53	43.98	86.60	46.6
4	7	39	17	4	3	45.50	54.50	32.61	67.39	42.96	8.64	8.76	45.11	87.18	2.0
4	7	39	18	4	3	42.50	57.50	30.84	69.16	27.23	7.67	11.08	45.14	88.91	0.0
4	7	39	19	4	3	57.10	42.90	38.83	61.17	44.65	11.02	10.60	47.44	81.98	0.0
4	7	39	22	4	3	22.00	78.00	28.08	71.92	16.15	3.20	15.18	34.40	95.55	9.1
4	7	39	26	4	3	32.20	67.80	34.56	65.44	34.81	7.81	9.17	43.68	88.07	0.0
4	7	39	27	4	3	34.10	65.90	38.09	61.91	32.90	7.35	15.88	45.07	88.13	0.0
4	7	39	28	4	3	33.70	66.30	44.20	55.80	33.38	8.38	11.53	42.56	84.99	0.0

Estimated Chemical Composition of Daily Antelope Consumption

Data on estimated chemical composition of daily antelope consumption is Grassland Biome Data Set A2U60CB. This is a derived data set, derived from data set A2U60BB, "Estimated Chemical Composition of Daily Antelope Consumption by Species." A description and listing of the data follows:

Columns	Contents
1	Animal number
5	Season/diet code
8 - 9	Day within entire trial
15	Season code
22 - 26	Percent dry weight of consumed forage (F5.2)
28 - 32	Percent moisture (F5.2)
34 - 38	Percent cell wall constituents by dry weight (F5.2)
40 - 44	Percent cell contents by dry weight (F5.2)
46 - 50	Percent acid detergent fiber by dry weight (F5.2)
52 - 56	Percent lignin by dry weight (F5.2)
58 - 62	Percent protein by dry weight (F5.2)
64 - 70	Hundreds of calories per gram (F5.2)
72 - 76	Availability index 100 - (100* % lignin/% cell contents) (F5.2)

+++ DATA +++

1		2		3		4		5		6		7		8	
1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
1	1	1	1	93.74	6.26	50.44	49.16	41.22	9.56	6.77	43.71	81.04			
1	1	2	1	94.77	5.23	56.48	43.52	43.29	9.55	6.42	42.17	79.60			
1	1	3	1	95.11	4.89	58.81	41.19	42.23	7.36	5.96	41.76	82.59			
1	1	4	1	95.72	4.28	62.51	37.49	42.74	6.41	5.58	40.88	83.18			
1	1	5	1	93.90	6.10	50.57	49.33	43.90	12.75	7.18	43.57	75.86			
1	1	6	1	95.85	4.15	63.20	36.80	43.36	6.79	5.62	40.59	82.35			
2	1	2	1	95.92	4.04	62.14	37.82	42.56	6.72	5.19	41.99	82.57			
2	1	3	1	95.97	4.03	62.32	37.18	43.26	7.13	5.35	41.46	81.78			
2	1	4	1	94.66	5.34	56.61	43.39	41.77	7.63	6.27	42.00	82.76			
2	1	5	1	96.04	3.96	64.30	35.70	43.58	6.59	5.49	40.35	82.39			
2	1	6	1	95.10	4.90	58.95	41.05	42.78	7.84	6.10	41.48	81.76			
3	1	1	1	94.50	5.50	54.64	45.36	41.71	8.64	6.27	43.08	81.53			
3	1	7	1	94.61	5.39	56.35	43.65	41.74	7.70	6.31	42.06	82.72			
3	1	8	1	93.53	6.48	46.26	53.74	41.73	12.78	6.73	46.47	76.69			
3	2	9	1	93.38	6.62	51.72	48.28	43.56	13.20	6.69	43.93	73.32			
3	2	10	1	90.51	9.49	42.35	57.65	39.04	9.64	8.96	45.27	83.21			
3	2	11	1	90.80	9.20	43.12	56.88	38.72	9.20	8.80	45.16	83.78			
4	1	7	1	95.27	3.73	65.44	34.56	43.23	5.79	5.21	40.36	83.36			
4	1	8	1	94.45	5.55	52.19	47.81	42.79	11.40	6.27	44.75	77.44			
4	2	9	1	92.63	7.37	47.05	52.95	41.84	12.41	7.22	44.54	76.34			
4	2	10	1	91.04	8.96	43.35	56.62	39.58	10.21	8.54	45.11	81.76			
4	2	11	1	90.72	9.28	41.36	58.64	38.51	9.51	8.79	45.36	83.77			
4	3	12	2	74.78	25.22	57.35	40.98	41.04	7.05	8.27	42.65	83.13			
4	3	13	2	53.98	46.02	40.06	50.42	40.81	8.46	10.83	43.65	84.19			
4	3	14	2	50.00	50.00	44.57	51.07	40.89	8.55	11.51	43.83	84.55			
4	3	15	2	49.82	50.18	43.03	54.90	35.78	8.08	12.38	43.49	85.49			
4	3	16	2	44.25	55.74	39.81	57.80	34.49	8.38	13.37	43.71	85.88			
3	3	12	2	75.84	24.16	57.45	40.83	40.66	7.09	8.17	42.58	82.93			
3	3	13	2	48.14	51.86	42.58	53.75	39.89	8.74	11.68	43.86	84.68			
3	3	14	2	44.54	56.46	43.45	53.28	39.36	8.52	11.67	43.76	84.81			
3	3	15	2	61.64	38.36	51.33	45.44	39.77	7.51	10.50	43.16	84.28			
3	3	16	2	50.53	49.47	45.24	51.77	38.46	8.14	12.12	43.62	85.08			
1	4	17	2	58.04	41.96	55.46	45.29	38.96	5.15	13.28	42.58	87.35			
1	4	18	2	54.47	45.53	58.41	43.38	37.72	4.77	14.66	42.19	87.81			
1	4	19	2	50.92	49.08	51.10	50.00	36.90	4.89	14.62	41.92	89.25			
1	4	20	2	54.06	45.94	53.64	47.01	31.47	5.57	14.94	43.62	85.40			
1	4	21	2	52.08	47.92	59.14	43.25	36.47	4.82	15.51	42.54	87.52			
2	4	17	3	54.10	45.90	48.26	52.49	33.43	4.69	14.44	43.20	89.56			
2	4	18	3	40.58	59.42	40.32	61.00	26.80	4.52	17.12	44.55	91.28			
2	4	19	3	39.98	50.02	36.99	63.67	30.33	4.71	14.98	43.49	92.02			
2	4	20	3	40.93	59.05	37.32	63.17	29.17	4.89	14.68	43.72	91.15			
2	4	21	3	47.51	52.49	47.53	53.70	35.82	4.62	14.69	42.05	90.64			
1	5	22	3	40.80	59.77	52.19	47.81	32.81	8.01	11.09	43.36	83.25			
1	5	23	3	38.92	61.08	45.69	54.31	32.44	8.09	11.91	44.45	84.82			
1	5	24	3	42.84	57.16	47.33	52.67	33.42	8.32	9.82	43.62	83.59			
2	5	22	3	37.10	62.90	41.92	58.08	27.58	7.84	11.79	43.29	85.60			
2	5	23	3	38.00	62.00	43.51	56.39	30.16	7.78	11.20	44.61	85.48			
2	5	24	3	35.52	64.48	45.14	54.96	31.44	8.51	9.76	43.91	84.77			

6	25	3	32.29	57.75	40.57	59.11	30.97	07.05	12.17	+3.85	86.67
6	26	3	33.13	56.87	42.77	57.43	33.93	9.87	11.55	41.63	83.95
1	6	27	33.42	56.58	42.49	57.51	31.11	8.85	12.78	41.54	85.40
4	6	25	36.73	63.27	42.44	57.55	30.85	8.53	11.05	44.90	85.42
4	6	26	30.25	59.14	37.47	62.13	23.36	7.89	13.73	39.99	87.19
4	5	27	61.40	38.59	73.21	26.79	33.51	5.73	6.42	44.01	82.13
1	7	34	39.38	50.52	37.98	62.02	27.49	6.33	11.12	41.13	89.45
1	7	35	+1.50	58.20	37.44	62.56	31.73	7.31	10.51	42.90	88.14
1	7	36	38.47	61.53	36.11	63.89	28.95	6.62	11.41	41.55	89.32
1	7	37	36.92	63.03	36.57	63.43	27.39	6.45	11.92	41.18	89.45
1	7	38	38.37	61.63	38.58	61.42	29.83	7.25	11.04	43.03	88.02
1	7	39	41.72	58.28	41.69	58.11	33.81	7.16	10.29	44.12	91.90
4	7	34	41.25	58.74	39.40	60.20	28.77	7.15	10.55	42.91	87.84
4	7	35	38.81	61.19	38.87	61.13	31.64	7.66	11.36	43.32	87.15
4	7	36	40.62	59.38	36.97	63.03	29.91	7.23	10.49	43.37	88.05
4	7	37	38.47	61.53	37.94	62.06	29.04	7.15	11.24	42.71	88.19
4	7	38	39.30	60.69	39.57	60.43	29.16	7.40	11.27	43.22	87.58
4	7	39	45.41	54.59	39.43	61.52	31.34	6.89	9.59	42.58	88.34