

Table D1: Devils Gate KEY AREA DG-01 MATRIX (Lower Indian Creek Pasture)

Range Site: Similar to Loamy 8-10" P.Z., but ecological site not yet verified by soil
 Key Species: Needlegrasses (STIPA); 50% Utilization Objective

Year	Actual Use AUMs ²	Period of Use	KA Util (%)	Date Read	Pre-CAF Capacity (AUMs)	CAF ⁵	Post-CAF Capacity (AUMs)
2014 ¹	(2451) 2607 Cattle	4/15-6/15	AGSP 75%	6/30/14	6678	1.10	6071
	999 Sheep	4/15-6/21	STIPA 27%	10/30/14			
2013 ¹	(1894) 2015 Cattle ???Sheep	6/1-10/31				0.74	
2012 ¹	(1372) 1460 Cattle	5/15-8/31				0.69	
	1111 Sheep	4/14-6/21 8/25-9/28					
2011 ¹	(2424) 2579 Cattle	5/15-9/30				1.70	
	841 Sheep	5/8-6/26 8/25-9/28					
2010 ¹	(2591) 2756 Cattle	5/10-10/31				0.99	
2009 ¹	(2276) 2421 Cattle	5/1-10/30	Partial Fire Closure but not key area			1.35	
2008 ¹	(1577) 1678 Cattle	4/28-10/3	Partial Fire Closure but not key area			1.02	
2007	(1201) 1278 Cattle	4/20-9/30	Partial Fire Closure but not key area			0.83	
	69 Sheep	6/17-6/23					
2006	(3658) 3891 Cattle	5/21-8/30	STIPA 25%	10/5/06	9950	1.44	6910
	1084 Sheep	4/20-6/30					
2005						1.75	
2004	(3840) 4085 Cattle	5/2-10/15				0.94	
2003	(2374) 2526 Cattle	4/15-9/30	STIPA 20%	10/8/03	8148	0.97	8400
	733 Sheep	5/10-7/25					
2002	(1535) 1633 Cattle	7/13-10/15				1.01	
2001	(1312) 1396 Cattle	4/12-9/10				0.76	
	502 Sheep	5/19-6/20 8/5-8/31					
2000	(2451) 2607 Cattle 1265 Sheep	4/1-10/15 5/19-6/30 8/11-9/30				0.83	

1999	(3081) 3278 646 Sheep	4/4-10/25 6/6-8/25	STIPA 41% STIPA 47%	7/28/99 11/30/99	4175	1.32	3163
1998	(4933) 5248 Cattle 1844 Sheep	4/18-9/12 4/29-9/21	STIPA 59%	11/10/98	6010	1.50	4007
1997	(5368) 5711 Cattle 1772 Sheep	4/14-8/31 4/22-6/15 8/25-9/22	STIPA 48%	8/5/97	6555 ⁴	1.49	4399
1996	(4892) 5204 Cattle (94%PL) 1188 Sheep	4/25-9/30 4/29-7/16 8/15-9/26	STIPA 39%	11/13/96	8195	1.28	6402
1995	(2642) 2903 Cattle (91%PL) 909 Sheep	5/3-8/26 4/30-6/10 7/1-7/17 8/26-9/24	STIPA 24% Use patterns showed slight to light use on south half of pasture	11/7/95	7942	1.60	4964
1994	(5104) 5609 Cattle 1413 Sheep	5/2-8/26 5/8-6/28 9/6-9/26				0.77	
1993	(5099) 5603 Cattle 617 Sheep	5/16-8/30 5/10-7/5 9/7-9/23	STIPA 57%	8/27/93	5249 ⁴	1.30	4038
1992	(4500) 4945 Cattle 701 Sheep	4/22-11/28 5/3-6/16 9/1-9/22	STIPA 51%	11/16/92	5535	0.76	7283
1991	(5795) 6368 Steers 1133 Sheep	7/22-10/17 5/13-7/5 8/27-9/25				0.75	
1990	(5149) 5658 Steers 1199 Sheep	4/24-8/27 4/22-7/1 8/26-9/22				1.02	
1989	(5229) 5746 Steers 1177 Sheep	4/19-9/13 4/23-7/4 8/25-9/24	STIPA 55%	10/12/89	6294 w/steers 4988 ³ w/cow-calf	0.99	6358 w/steers 5038 ³ w/cow-calf
1988	(4611) 5067 Steers 1145 Sheep	4/16-8/31 4/22-7/1 8/26-9/24	STIPA 24%	8/29/88	11,981 ⁴ w/steers 9342 ^{3,4} w/cow-calf	0.82	14,611 ⁴ w/steers 11,393 ^{3,4} w/cow-calf
1987	(3482) 3826 Cattle 799 Sheep	5/1-9/5 5/5-7/1 8/26-9/20	STIPA 53%	10/16/87	4363	0.98	4452

AVG.	3,633 Cattle 1,007 Sheep				6,702 w/cow-calf & sheep		5,886 w/cow- calf & sheep
------	-----------------------------	--	--	--	--------------------------------	--	------------------------------

¹ Actual use reports for these years appear to be only by allotment and not by pasture within the allotment; therefore, actual use numbers may include use in the lower Devils Gate Field in addition to use in the main Indian Creek Pasture. Does not include use in the N. Fork Humboldt River Riparian Pasture.

² The actual use AUMs for cattle has been summarized in two ways. The numbers **not** in parenthesis () are the total number of cattle AUMs harvested from both public and intermingled private lands in the pasture. This number is useful in calculating the carrying capacity/grazing capacity of the pasture without regard to land ownership. The number of AUMs enclosed in parenthesis () is a calculation of the AUMs harvested only from public lands in the pasture based on the percentage of forage in the pasture located on public lands. From 1987 through 1995, total cattle AUMs/year were calculated based on 91% of the total forage use being grazed/harvested from public lands (91% PL). From 1996 to the present, total cattle AUMs are calculated based on 94% of the forage being harvested on public lands (94% PL) with the remaining 6% of the forage/AUMs being located on intermingled private lands owned/controlled by the cattle operator. The increase in the public land percentage in 1996 was due to the BLM acquiring some of the intermingled private lands as part of a land exchange program. When the cattle are licensed/billed each year, the cattle operator pays the grazing fees for only the percentage of AUMs to be grazed on public lands. For example, the cattle operator requests to graze 100 cattle for one month for a total of 100 AUMs of use in the pasture. If 94% of the total AUMs in the pasture are located on public lands, the cattle operator only pays for 94 AUMs of use, with the remaining 6 AUMs expected to be harvested from the intermingled private lands owned/controlled by the cattle operator in the pasture for which the cattle operator does not pay a fee to the BLM.

³ There is a rule of thumb that yearling cattle (in this case steers) consume about 75% of the amount of forage consumed by cow/calf pairs. To calculate the capacity with cow/calf pairs, the actual use AUMs shown for the steers was reduced by 25% before adding-in the sheep AUMs and calculating the capacity. The capacity calculation for cow/calf pairs doesn't take into account the tendency for yearlings to distribute more widely especially in mountainous terrain.

⁴ In some years, there was substantial livestock use after the date when the utilization data were collected. In those cases, the AUMs of actual use for calculating the carrying capacity included only those AUMs used to the date the utilization data were collected.

^{5 3} CAF is a climate Adjustment Factor that is used in an effort to normalize data to what would be expected in a median precipitation year. Please refer to Appendix Q for details.

Table D2: Devils Gate KEY AREA DG-02 MATRIX (Upper Indian Creek Pasture)

Range Site: Similar to Loamy Slope 12-16" P.Z. but ecological site not yet verified by soil

Key Species: Idaho fescue (FEID); bluebunch wheatgrass (AGSP); bitterbrush (PUTR2)

Utilization Objectives: 50% for FEID and AGSP, and 25% spring/45% summer/fall for PUTR2

Year	Actual Use AUMs ²	Period of Use	KA Util (%)	Date Read	Pre-CAF Capacity (AUMs) ⁴	CAF ⁵	Post-CAF Capacity (AUMs) ⁴
2014 ¹	(2451) 2607 Cattle	4/15-7/1 10/3-11/10	PUTR2 10% (Deer)	6/30/14	9545	0.97	9841
	999 Sheep	4/15-6/21	FEID 8% AGSP 7% PUTR2 17%	10/30/14			
2013 ¹	(1894) 2015 Cattle ???Sheep	6/1-10/31				0.75	
2012 ¹	(1372) 1460 Cattle	5/15-8/31				0.75	
	1111 Sheep	4/14-6/21 8/25-9/28					
2011 ¹	(2424) 2579 Cattle	5/15-9/30				1.66	
	841 Sheep	5/8-6/26 8/25-9/28					
2010	(2591) 2756 Cattle	5/10-10/31				1.00	
2009	(2276) 2421 Cattle	5/1-10/30	Partial Fire Closure but not key area			1.32	
2008	(1577) 1678 Cattle	4/28-10/3	Partial Fire Closure but not key area			1.06	
2007	(1201) 1278 Cattle	4/20-9/30	Partial Fire Closure but not key area			0.86	
	69 Sheep	6/17-6/23					
2006	(3658) 3891 Cattle	5/21-8/30				1.46	
	1084 Sheep	4/20-6/30					
2005						1.48	
2004	(3840) 4085 Cattle	5/2-10/15				1.00	
2003	(2374) 2526 Cattle outside closure area 733 Sheep	4/15-9/30; Key area under Fire Closure 5/10-7/25	FEID 4% PUTR2 0% Partial Fire Closure including key area	10/8/03	Not applicable due to fire closure	0.92	
2002	(1535) 1633 Cattle	7/13-10/15	Partial Fire Closure including key area			1.00	
2001	(1312) 1396 Cattle	4/12-9/10				0.77	
	502 Sheep	5/19-6/20 8/5-8/31					
2000	(2451) 2607 Cattle 1265 Sheep	4/1-10/15 5/19-6/30 8/11-9/30				0.84	

1999	(3081) 3278 Cattle 646 Sheep	4/4-10/25 6/6-8/25	AGSP 17% FEID 20% PUTR2 36%	11/30/99	4905	1.23	3989
1998	(4933) 5248 Cattle 1844 Sheep	4/18-9/12 4/29-9/21	AGSP 41% FEID 47% PUTR2 52%	11/10/98	6137	1.39	4415
1997	(5368) 5711 Cattle 1772 Sheep	4/14-8/31 4/22-6/15 8/25-9/22	AGSP 25% FEID 33% PUTR 3% AGSP 67% FEID 63% PUTR2 39%	8/5/97 11/25/97	5584	1.47	3799
1996	(4892) 5204 Cattle (94%PL) 1188 Sheep	4/25-9/30 4/29-7/16 8/15-9/26	AGSP 38% FEID 55% PUTR2 39% Use patterns showed heavy to severe use in most lower drainages with light to moderate use in upper areas	11/13/96	5811	1.28	4540
1995	(2642) 2903 Cattle (91%PL) 909 Sheep	5/3-8/26 4/30-6/10 7/1-7/17 8/26-9/24	AGSP 33% FEID 46% PUTR2 18% Use patterns showed moderate to heavy use on north half of pasture with heavy to severe use around the waters	11/21/95	4143	1.45	2857
1994	(5104) 5609 Cattle 1413 Sheep	5/2-8/26 5/8-6/28 9/6-9/26	AGSP 15% FEID 50% PUTR2 41%	9/14/94	6849 ⁵	0.77	8895
1993	(5099) 5603 Cattle 617 Sheep	5/16-8/30 5/10-7/5 9/7-9/23	AGSP 42% FEID 51% PUTR2 28% North of this key area, use patterns show light to moderate use on side slopes and heavy/severe in all drainages	11/8/93	6098	1.32	4620
1992	(4500) 4945	4/22-11/28	AGSP 60%	11/16/92	4705	0.69	6819

	Cattle 701 Sheep	5/3-6/16 9/1-9/22	FEID 53% PUTR2 25%				
1991	(5795) 6368 Steers 1133 Sheep	7/22-10/17 5/13-7/5 8/27-9/25				0.80	
1990	(5149) 5658 Steers 1199 Sheep	4/24-8/27 4/22-7/1 8/26-9/22				0.99	
1989	(5229) 5746 Steers 1177 Sheep	4/19-9/13 4/23-7/4 8/25-9/24	AGSP 37% FEID 53% PUTR2 44%	10/12/89	6531 w/Steers 5176 ³ w/cow-calf	1.09	5998 w/Steers 4749 ³ w/cow-calf
1988	(4611) 5067 Steers 1145 Sheep	4/16-8/31 4/22-7/1 8/26-9/24	AGSP 37% FEID 50% PUTR2 48%	8/29/88	5392 w/Steers 4204 ^{3,4} w/cow-calf	0.81	6657 w/Steers 5190 ^{3,4} w/cow-calf
1987	(3482) 3826 Cattle 799 Sheep	5/1-9/5 5/5-7/1 8/26-9/20	AGSP 25% FEID 48% PUTR2 46%	10/16/87	4524	0.84	5386
AVG.	3,633 Cattle 1,007 Sheep				5,640 w/cow- calf & sheep		5,425 w/cow- calf & sheep

¹ Actual use reports for these years appear to be only by allotment and not by pasture within the allotment; therefore, actual use numbers may include use in the lower Devils Gate Field in addition to use in the main Indian Creek Pasture. Does not include use in the N. Fork Humboldt/Devils Gate Riparian Pasture.

² The actual use AUMs for cattle has been summarized in two ways. The numbers **not** in parenthesis () are the total number of cattle AUMs harvested from both public and intermingled private lands in the pasture. This number is useful in calculating the carrying capacity/grazing capacity of the pasture without regard to land ownership. The number of AUMs enclosed in parenthesis () is a calculation of the AUMs harvested only from public lands in the pasture based on the percentage of forage in the pasture located on public lands. From 1987 through 1995, total cattle AUMs/year were calculated based on 91% of the total forage use being grazed/harvested from public lands and, from 1996 to the present, total cattle AUMs are calculated based on 94% of the forage being harvested on public lands with the remaining 6% of the forage/AUMs being located on intermingled private lands owned/controlled by the cattle operator. The increase in the public land percentage in 1996 was due to the BLM acquiring some of the intermingled private lands as part of a land exchange program. When the cattle are licensed/billed each year, the cattle operator pays the grazing fees for only the percentage of AUMs to be grazed on public lands. For example, the cattle operator requests to graze 100 cattle for one month for a total of 100 AUMs of use in the pasture. If 94% of the total AUMs in the

pasture are located on public lands, the cattle operator only pays for 94 AUMs of use, with the remaining 6 AUMs expected to be harvested from the intermingled private lands owned/controlled by the cattle operator in the pasture for which the cattle operator does not pay a fee to the BLM.

³ There is a rule of thumb that yearling cattle (in this case steers) consume about 75% of the amount of forage consumed by cow/calf pairs. To calculate the capacity with cow/calf pairs, the actual use AUMs shown for the steers was reduced by 25% before adding-in the sheep AUMs and calculating the capacity. The capacity calculation for cow/calf pairs doesn't take into account the tendency for yearlings to distribute more widely especially in mountainous terrain.

⁴ In some years, there was substantial livestock use after the date when the utilization data were collected. In those cases, the AUMs of actual use for calculating the carrying capacity included only those AUMs used to the date the utilization data were collected.

⁵ CAF is a climate Adjustment Factor that is used in an effort to normalize data to what would be expected in a median precipitation year. Please refer to Appendix Q for details.

Table D3: Devils Gate (Devils Gate Field)

Range Site: No Upland Key Area Established

Key Species: Needlegrass (STIPA); Indian ricegrass (ORHY)

Year	Actual Use AUMs	Period of Use	KA Util (%)	Date Read	Pre-CAF Capacity (AUMs)	CAF	Post-CAF Capacity (AUMs)
2014	864 Cattle	7/12-11/6					
2013	?						
2012	?						
2011	?						
2010	?						
2009	?						
2008	?						
2007	0						
2006	0						
2005							
2004	27 Cattle	5/1					
2003	0						
2002	686 Cattle	6/12-7/12					
2001	742 Cattle	6/11-7/20					
2000	805 Cattle	4/3-7/31					
1999	323 Cattle	5/13-6/30					
1998	365 Cattle	4/1-5/14					
1997	745 Cattle	4/1-6/8					
1996	316 Cattle	4/28-7/3					
1995	565 Cattle	5/5-8/8					
1994	276 Cattle	6/6-8/28					
1993	99 Cattle	5/22-6/5					
1992	629 Cattle	4/16-6/3					
1991	741 Cattle	5/23-6/15					
1990	758 Cattle	4/15-5/18					
1989	745 Cattle	4/16-5/17					
1988	793 Cattle	4/23-6/14					
1987	385 Cattle	4/1-10/15					
1977			STIPA 67% ORHY 60%	10/13/77			

Table D4: Devils Gate (North Fork Humboldt River) Riparian Pasture

Range Site: No Upland Key Area Established

Key Species:

Year	Actual Use AUMs	Period of Use	KA Util (%)	Date Read	Pre-CAF Capacity (AUMs)	CAF	Post-CAF Capacity (AUMs)
2014	58 Cattle	6/15-8/16					
2013	675 Yearling Cattle	8/16-10/31					
2012	223 Cattle	5/15-6/15					
2011	95 Cattle	10/16-10/30					
2010		Closure					
2009		Closure					
2008		Closure					
2007		Closure					
2006							
2005							