

ROCKY MOUNTAIN BIGHORN SHEEP

Colorado Division of Wildlife

2006 POST-HUNT POPULATION ESTIMATES - DRAFT 1/2/07

Units With Public Hunting Seasons

UNIT	Notes	DAU UNITS*	UNIT NAME	Region	2004 Pop Est	2005 Pop Est	2006 Pop Est	Estimate Basis*	Licenses (Includes RFW Licenses)								Harvest		Harvest Rate (%) 2005**
									2006				2007 Recommended				2005		
									Archery		Rifle		Archery		Rifle		Ram	Ewe	
Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe	Ram	Ewe						
S1		S18	Poudre River	NE	95	65	55	MR	0	0	2	0	0	0	2	0	2	0	2.9
S2			Gore-Eagle's Nest	NW	100	100	100	GAO	0	0	1	0	0	0	1	0	0	0	0.0
S3		S4	Mount Evans	NE	125	175	100	CGC	0	0	3	8	0	0	3	0	1	2	3.0
S4		S3	Grant	NE	110	100	100	CGC	0	0	9	12	0	0	6	0	5	3	8.0
S6		S46	Pike's Peak	SE	350	300	300	CGC	0	0	12	22	0	0	12	22	6	7	4.3
S7		S49	Arkansas River	SE	85	85	85	GAO, PR	0	0	2	0	0	0	2	0	2	0	2.4
S8			Huerfano	SW	70	65	65	GAO	0	0	2	0	0	0	2	0	2	0	3.1
S9			Sangre de Cristo	SE, SW	400	400	325	CGC, AC	10	0	10	5	8	0	6	5	5	2	2.2
S10			Trickle Mtn.	SW	50	50	50	GAO	0	0	1	0	0	0	1	0	1	0	2.0
S11		S17	Collegiate, North	SE	160	160	160	GAO, PR	0	0	7	0	0	0	7	0	3	0	1.9
S12			Buffalo Peaks	SE	200	200	200	GAO, PR	10	0	6	0	10	0	6	0	5	0	2.5
S13			Snowmass, East	NW	115	110	110	GAO	0	0	2	0	0	0	2	0	1	0	0.9
S15			Sheep Mtn.	SW	100	100	100	AC	0	0	6	0	0	0	5	0	2	0	2.0
S16			Cimarrona Peak	SW	100	90	90	AC	0	0	2	0	0	0	3	0	1	0	1.1
S17		S11	Collegiate, South	SE	100	100	100	GAO, PR	0	0	6	0	0	0	6	0	1	0	1.0
S18	1	S1	Rawah	NE	45	20	15	GAO, PR	0	0	0	0	0	0	0	0	0	0	0.0
S19	2		Never Summer Range	NW, NE	25	25	25	MR (04)	0	0	1	0	0	0	1	0	1	0	4.0
S20			Marshall Pass	SE	75	75	75	GAO, PR	4	0	3	0	4	0	3	0	2	0	2.7
S21		S33, S71	Cow Creek	SW	90	100	110	AC	0	0	3	0	0	0	3	0	3	0	2.7
S22			San Luis Peak	SW	80	80	85	AC	0	0	3	0	0	0	3	0	3	0	3.5
S23		S27	Kenosha	NE	75	60	60	CGC, AC	0	0	1	0	0	0	1	0	0	0	0.0
S25			Snowmass, West	NW	125	125	125	GAO, CGC	0	0	2	0	0	0	2	0	1	0	0.8
S26	3		Taylor River	SW	150	75	75	GAO	0	0	2	0	0	0	2	0	5	0	6.7
S27		S23	Tarryall	NE, SE	100	100	100	GAO, PR	0	0	1	0	0	0	1	0	1	0	1.0
S28			Vallecito	SW	125	125	125	AC	0	0	3	0	0	0	3	0	3	0	2.4
S29			Alamosa Canyon	SW	35	35	35	GAO	0	0	1	0	0	0	1	0	1	0	2.9
S30			Conejos River	SW	75	75	75	AC, GAO	0	0	1	0	0	0	1	0	1	0	1.3
S31			Blanco River	SW	100	100	100	AC, CGC	0	0	4	0	0	0	4	0	2	0	2.0
S32			Georgetown	NE	300	300	400	MR, PR, CGC	18	8	13	17	24	7	20	16	12	4	4.0
S33		S21, S71	Lake Fork/Pole Mtn	SW	60	60	90	BSO	0	0	2	0	0	0	2	0	0	0	0.0
S34			Rampart Range	SE	65	75	75	BSO	4	2	0	0	4	2	0	0	0	1	1.3
S35			Greenhorn	SE	50	70	70	CGC	5	0	1	0	5	0	1	0	1	0	1.4
S37			St. Vrain	NE	100	100	100	CGC	2	0	0	0	2	0	0	0	1	0	1.0
S38			Apishpa	SE	55	70	70	CGC	2	0	0	0	2	0	0	0	1	0	1.4
S44			Basalt	NW	100	100	100	GAO	5	0	0	0	5	0	0	0	1	0	1.0
S46	4	S6	Dome Rock	SE	85	85	85	BSO	2	2	0	0	2	2	0	0	2	2	4.7
S47			Brown's Canyon	SE	150	150	150	GAO, PR	0	0	3	0	0	0	3	0	3	0	2.0
S48			Carrizo Canyon	SE	45	45	45	GAO, PR	0	0	1	0	0	0	1	0	1	0	2.2
S49		S7, S68	Grape Creek	SE	290	225	225	GAO	5	0	2	0	5	0	2	0	3	0	1.3
S50		S51	Mt. Maestas	SE	120	125	125	GAO	0	0	2	0	0	0	2	0	1	0	0.8
S51		S50, S65	Spanish Peaks, Culebra	SE	225	250	250	CGC	2	0	4	4	2	0	4	4	6	0	2.4
S53	6		Bristol Head	SW	50	50	85	GAO	0	0	1	0	0	0	1	0	1	0	1.2
S54			West Elk-Dillon Mesa	SW	110	110	105	GAO	1	0	2	0	1	0	2	0	1	0	1.0
S57			Big Thompson Canyon	NE	80	80	80	CGC	2	0	0	0	2	0	0	0	0	0	0.0
S59			Derby Creek	NW	115	90	90	GAO	0	0	2	0	0	0	2	0	2	0	2.2
S60			Shelf Road	SE	150	150	150	GAO, PR	0	0	4	0	0	0	4	0	2	0	1.3
S61			Purgatorie Canyon	SE	240	240	240	PR, GAO, CGC	0	0	4	0	0	0	3	0	4	0	1.7
S65	5	S51	Costilla	SW	400	400	400	GAO	0	0	0	3	0	0	3	0	3	0	0.8
S66			Mt. Elbert	SE	75	75	125	CGC, GAO	0	0	4	0	0	0	6	0	2	0	1.6
S67			White River, South Fork	NW	60	40	40	GAO, AC	0	0	1	0	0	0	1	0	1	0	2.5
S68		S49	Cotopaxi	SE	60	60	60	GAO, PR	0	0	2	0	0	0	2	0	1	0	1.7
S69			Lower Cochetopa Canyon	SW	55	55	55	GAO	0	0	1	0	0	0	1	0	1	0	1.8
S70	3		Fossil Ridge	SW	60	60	55	GAO	0	0	1	0	0	0	1	0	0	0	0.0
S71	7	S21, S33	West Needles	SW	50	70	75	GAO, PR	0	0	0	0	0	0	1	0	0	0	0.0
Sub-total					6,350	6,230	6,290		72	12	146	71	76	11	151	47	110	21	2.1

ROCKY MOUNTAIN BIGHORN SHEEP

Colorado Division of Wildlife

2007 POST-HUNT POPULATION ESTIMATES - DRAFT 1/2/07

Units/Areas Without Public Hunting Seasons

UNIT	Notes	DAU Units*	UNIT/AREA NAME	Region	2004 Pop Est	2005 Pop Est	2006 Pop Est	Estimate Basis*
S5			Beaver Creek	SE	30	30	30	NI
S14			Clinetop Mesa	NW	10	5	5	GAO
S24			Battlement Mesa	NW	20	20	25	GAO, CGC
S36			Bellows Creek	SW	35	35	35	GAO
S40			Lone Pine	NE	5	15	15	GAO
S45			Cross Mountain	NW	10	0	0	GAO
S52			Rock Creek	SW	20	25	25	GAO
S55	8		Natural Arch, Carnero Creek	SW	25	20	20	GAO
S58			Lower Poudre River	NE	30	25	25	MR
NA			Black Canyon	SW	25	30	30	GAO, PR
NA			DeBeque Canyon	NW	20	40	45	GAO, O
NA			Dinosaur National Monument	NW				
			Harper's Corner-Jone's Hole	NW	40	40	40	AC, GAO
			Green River-Ladore Canyon	NW	90	90	90	AC, GAO
			Yampa River	NW	35	35	35	AC, GAO
NA			Glenwood Canyon - Grizzly Creek/No Name Creek	NW	15	35	35	MR, CGC
NA			Greenland Ranch - GMU 104	NE	20	35	50	CGC, AC
NA			Lower Lake Fork, Gunnison River	SW	10	10	10	GAO
NA			Mesa Verde	SW	25	20	20	GAO
NA			Mount Silverheels	SE	25	25	25	CGC, GAO
NA	5		Mount Zirkel	NW	5	45	50	GAO, O
NA			Pueblo Reservoir	SE		20	20	GAO
NA			Rio Grande River, Box Canyon	SW	35	35	NA	NA
NA			Rocky Mountain National Park	NE				
			East Side, Fall River/Mummy Range	NE	75	75	75	MR (04)
			Continental Divide	NE, NW	125	100	100	MR (04)
	2	S19	Never Summer Range	NE, NW	250	200	200	MR (04)
NA			Sawpit	SW	10	10	10	PR
NA			Waterton Canyon	NE	25	25	25	CGC, AC
Sub-total					1,015	1,045	1,040	
GRAND TOTAL					7,365	7,275	7,330	

* Units that would likely be considered part of the same DAU because of movement across unit boundaries.

** Year herd summary report was completed. "Year" Brief = Year an abbreviated summary was completed.

*** 2005 Harvest rate based on 2006 population estimate.

♦ Estimate Basis (listed in order by weight):

MR = Mark/Resight

CGC = Coordinated Ground Count

AC = Aerial Count

BSO = Bait Site Observations

GAO = General Agency Observation (by CDOW, USFS, BLM, USGS, or NPS)

PR = Public Reports (by hunters, outfitters, landowners, RMBS, etc.)

PM = Population Model

NI = No Information Available.

O = Other

Notes:

1 S1 licenses are also valid in S18.

2 Animals in this unit are moving back and forth across the NPS boundary in the Never Summer Range and may not be accessible to hunters.

3 S26 was split into S26 and S70 in 2005.

4 2005 population estimate is for both resident and migratory sheep from S6 that winter in S46.

5 Accounts for 40 sheep translocated from S65 to Mt Zirkel in 2005

6 Rio Grande River and Box Canyon included with S53 in 2006.

7 S71 Opened to hunting in 2007.

8 S55 closed to hunting beginning in 2006.