

Census Stats. 10/14/93

NV020
DISTRICT SUMMARY -

10-14-93

93 ESTIMATED Horse Population

6600 = 6700 - Agosta added
RPT by CARSON LAST
YEAR -

93 ESTIMATED Burro Population

337

93 NO'S REMOVED Horses

1693

93 NO'S REMOVED Burros

139

92-93 ESTIMATED MORTALITY - NO.

1708

Estimated Burro population may be closer to 400.

Average annual mortality in the Winnemucca District is estimated at 9%.

Average Population growth rate is 11%.

mortality is believed to be highest in our northern mountains and this is reflected in the census data.

$6600 + 1693 + 1708 = 10001$. - Considering mortality and the addition of the 93 FOAL CROP this figure compares in a logical way to the estimated population of horses on the STATISTICAL REPORT OF SEPT 30, 1992 of 9,630.

10-14-1993

WINNEMUCCA DISTRICT
WILD HORSE & BURRO STATISTICS
SEPT. 30, 1993
MORTALITY SUMMARY
WINTER 92-93

THE FOLLOWING DATA WAS COMPILED FROM THREE SOURCES:
1. HMA'S THAT WERE CENSUSED IN OCTOBER 1992 AND IN SEPT. 1993, 2. HMA'S THAT WERE CENSUSED IN OCT., 1992, GATHERED IN EARLY 1993 & THEREFORE CENSUSED IN 1993. 3. HMA'S THAT WERE NOT CENSUSED IN 1993, AND IN SOME CASES FOR SEVERAL YEARS.

HMA'S CENSUSED 92-93 - CHART # 1 (SEPT 18-25)

HMA	92 AD. + FOALS	93 AD.	MORTALITY NO/O/O	93 FOALS NO	93 COUNT	93 ESTIMATED HORSE POP.	92 FOAL/ADULTS	93 FOALS/ADULTS	93 BURROS COUNT.
BLACK ROCK E.	351	221	130/37%	26	247	275	20.2%	9%	0
BLACK ROCK W.	745	636	109/15%	52	688	725	17.6%	8%	0
CALICO MTS.	1172	669	503/43%	53	722	760	23.2%	8%	7
Warm Spgs.	754	359	395/52%	22	381	400	22%	6%	16
SHAWAWE	675	427	248/37%	68	495	525	23%	16%	3
LAWA BEDS	438	375	63/14%	40	415	450	22%	11%	0
NGHTGALS	237	155	82/35%	22	177	200	28.4%	14%	5
TOTALS	4372	2842	1530/35%	283	3125	3335			112

It is recognized that using direct count to estimate mortality may result in underestimating the number of animals that actually died.

- The mortality estimate on the SHAWAWE MTS. is probably high. This is indicated by a higher foal crop & a higher average band size. Movement of horses into the seven troughs HMA may have occurred. To some extent this may also be true in the LAWA BEDS. However this overestimate may be compensated by under-estimates in areas NOT censused.
- mortality in the Burro population is not estimated to be significant. Direct numbers of Burros are presented due to the difficulty in counting Burros.

10-14-93

A's CENSUSED / GATHERED / Re-CENSUSED

	92 CENSUS	92 Estimate	93 ¹¹ Estimate	TTL Captured	CHART #2 No's ¹² Removed	93 ¹³ Projected ADULTS	93 ¹⁴ CENSUS ADULTS	93 ¹⁵ Estimate ADULTS	Estimated MORTALITY NO / %	Estimated 93 POP. ADULTS ¹⁸ + FOALS	93 CENSUS Error
Antelope	208	230	255	274	235	—	66 ¹⁶	70	—	75	
Burros	7	10	12	15	15	—	3	—	—	—	3
Buffalo Hills	709	745	— ¹⁷	485	384	361	276	300	60/17%	315	
Granite MTS	1150	1200	—	1055	642	558	417	440	118/21%	500	
FOX LAKE ¹⁹	618	700	—	325	231	—	230	262	—	275	
Eugene Mt.	—	10	—	28	28	—	—	—	—	0	
HOT Springs Burros	36	40	45	73	73	—	—	—	—	0	
HumboldtS	74	80	90	173	173	—	—	—	—	6	
TRINITY Burros	33	40	—	28	22	—	—	—	—	—	
LITTLE Owyhee	1393	700	780	831	892	780	780	—	—	780	
								178		1951	9

- 11 - 93 Estimate obtained by increasing 92 estimate by 11% (District Average)
- 12 - Numbers removed includes no. Destroyed
- 13 - 93 projected Adults was obtained by subtracting numbers removed from 92 pop. estimate. Gather of checkerboard included 93 FOALS
- 14 - 93 Census adults was all part gather.
- 15 - estimated adults obtained by adding the same % error used in 1992
- 16 - No. includes some Humboldt Release horses that were released in KAMMERS CND migrated to Antelope Rg.
- 17 - 93 estimate not provided on gathers that included 93 FOAL CRIP OR Burros
- 18 - mortality no/% obtained by subtracting estimated adult pop. from projected adults
- 19 - mortality DATA FOR FOX LAKE not provided due to movement of horses onto Pyramid Lake Indian Reservation and their concurrent gather activity.
- 10/ Represents TOTAL Removal
- 11/ Burros released through NMA but probably returned to Trinity
- 12/ Little Owyhee gathered Aug 1992 - census was by fixed wing Oct 93 & believed correct

HERD AREA STATISTICS AS OF 9-30-92

WINNEMUCCA DISTRICT WILD HORSE AND BURRO HERD AREAS

STATE	HERD AREA NAME	H.A. CODE	BLM AC	NON-BLM AC	HERD AREA AC	HERD AREA STATUS	FY HMAP SIGNED	HORSE A.M.L.	LAST HORSE COUNT	ESTIMATED HORSE POP.	BURRO A.M.L.	LAST BURRO COUNT	ESTIMATED BURRO POP.	FY LAST CENSUS
NEVADA	Agosta	NV211	210,000	48,751	211,600	HMA		688?	488	150				
	ANTELOPE RANGE	NV211	83,009	48,751	131,760	REMOVE ANIMALS		0	44 208	44 230	0	0 7	0 10	89 92
	BLACK ROCK RANGE EAST	NV209	91,300	3,804	95,104	HERD MGT AREA		59	500 351	600 375 1)	0	0	0	89 92
	BLACK ROCK RANGE WEST	NV227	92,543	8,047	100,590	HERD MGT AREA		424	424 745	424 705 2)	0	0	0	89 93
	BLOODY RUNS	NV204	43,991	31,856	75,847	REMOVE ANIMALS		0	0	0	0	0	0	
	BLUE WING MTS	NV217	17,913	0	17,913	HERD MGT AREA	87	50	20 34	27 40	39	24 20	20 30	89 92
	BUFFALO HILLS	NV220	123,141	9,269	132,410	HERD MGT AREA		272	272 709	272 745	0	0	0	89 93
	CALICO MTN	NV222	155,594	1,572	157,166	HERD MGT AREA		514	514 1171	1,000 1225	0	0	0	89 93
	EAST RANGE	NV225	310,605	120,790	431,395	REMOVE ANIMALS		0	0	0	0	0	0	
	EUGENE MTS	NV207	39,540	37,989	77,529	REMOVE ANIMALS		0	8	10	0	0	0	89
	FOX-LAKE RANGE	NV228	171,956	5,307	177,263	HERD MGT AREA		434	565 618	627 700	1	1	1	89 93
	GRANITE RANGE	NV221	88,436	13,214	101,650	HERD MGT AREA		176	270 1150	900 1200	0	0	0	89 93
	HOT SPRING MTS	NV203	49,324	21,139	70,463	REMOVE ANIMALS		0	0	0	0	0 36	0 40	92
	HUMBOLDT	NV224	243,046	198,886	441,932	REMOVE ANIMALS		0	0 74	0 80	0	0	0	89 92
	JACKSON MTS	NV208	274,510	8,490	283,000	HERD MGT AREA		215	335	424 335 4)	0	0	0	89
	KAMMA MTS	NV214	54,573	2,872	57,445	HERD MGT AREA	87	50	0 31	0 40	0	0 1	0 1	89 92
	KRUM HILLS	NV206	30,780	23,220	54,000	REMOVE ANIMALS		0	0	0	0	0	0	
	LAVA BEDS	NV215	231,744	0	231,744	HERD MGT AREA	87	375	207 438	257 460	40	50 40	50 50	89 92
	LITTLE OWYHEE	NV200	398,160	16,560	414,720	HERD MGT AREA	87	200	250 1393	280 700 3)	0	0	0	89 92
	MCGEE MTN	NV210	50,000	0	50,000	HERD MGT AREA		0	0	0	41	5	0 40 5)	91
	NIGHTENGALE MTS	NV219	72,218	3,801	76,019	HERD MGT AREA	87	87	200 237	227 250	0	0 1	0 1	89 92
	NORTH STILLWATER	NV229	131,104	1,325	132,429	HERD MGT AREA		82	152	187 170	0	0	0	91
	OSGOOD MTS	NV202	68,273	53,643	121,916	REMOVE ANIMALS		0	0	0	0	0	0	
	SELEWITE RANGE	NV212	126,186	3,903	130,089	REMOVE ANIMALS		0	20 93	20 100	0	20 11	20 15	89 92
	SEVEN TROUGHS	NV216	130,161	17,749	147,910	HERD MGT AREA	87	215	204 402	240 425	64	24 163	24 175	89 92
	SHAWAVE MTS	NV218	88,927	18,214	107,141	HERD MGT AREA	87	100	200 675	200 700	0	20 15	20	89 92
	SLUMBERING HILLS	NV205	64,962	14,585	79,547	REMOVE ANIMALS		0	0	0	0	0	0	
	SNOWSTORM MTS	NV201	133,138	12,400	145,538	HERD MGT AREA	87	50	108	100 170	0	0	0	89
	SONOMA RANGE	NV223	148,799	60,779	209,578	REMOVE ANIMALS		0	0	0	0	0	0	
	SOUTH SLUMBERING HILLS	NV230	15,181	14,585	29,766	REMOVE ANIMALS		0	0	0	0	0	0	
	TOBIN RANGE	NV231	185,322	9,754	195,076	HERD MGT AREA		19	33	20 60	0	0	0	91
	TRINITY RANGE	NV232	89,712	46,215	135,927	REMOVE ANIMALS		0	0 33	0 40	0	20 38	2 40	89 92
	TRUCKEE RANGE	NV213	91,664	78,084	169,748	REMOVE ANIMALS		0	0 2	0	0	0	0	
	WARM SPRINGS CANYON	NV226	82,305	831	83,136	HERD MGT AREA		294	200 754	240 790	10	20 12	24 30	89 93

ACREAGE TOTAL: 3,978,117 887,634 4,865,751 ANIMAL TOTAL: 3,616 7,315 8,107 195 230 232

9,734 9,630 858 453

* Note Agosta's reported by Carson City
 SIGNED HMAP's: 8 STATE WH&B POPULATION: 8,399 STATE WH&B A.M.L.: 3,811 EXCESS WH&B'S: 4,586

* Black Rock East 2/92 Gather (Shipped 489, Destroyed 6, Released 137)
 * Little Owyhee 8/92 Gather (Shipped 692, " 4, Released 135)

- 1) Black Rock East - 28 outside HMA (DATA included above)
- 2) Black Rock West - 148 outside HMA (DATA included above)
- 3) Little Owyhee - 45 outside HMA

4) Fixed wing flights have indicated approx 160 Horses - Considered 50% accurate maybe?
 A.M.L.'s are numbers established in LAND USE Plan

5) Numbers determined by fixed wing flights
 ESTIMATED numbers obtained by adding 5% to both areas & 10% to Agostier Topo.

10-14-93

HMA's were comparable census DATA is NOT available

CHART # 3

HMA	92 CENSUS	92 Projection	93 CENSUS	93 ESTIMATED HORSES	93 ESTIMATED BURROS
AGUSTA					
BLUE WING MI.	34	40	—	45	35
JACKSON MT.	—	335	335 ¹	375	0
KAMMA MIS	31	40	—	45	1
SNOWSTORMS	—	170	310 ²	350	0
TOBINS	—	60	—	60	
SEVEN TROUPS	402	425	—	450	180
				<u>1325</u>	<u>216</u>

MORTALITY NOT ESTIMATED FOR ABOVE HMA'S BUT IS BELIEVED TO BE INSIGNIFICANT.

Results

July/August Distribution Flight 1991

The following table lists the number of WH&B's observed during the distribution flights in each HMA/HA by allotment. There were no animals found in the Truckee Range.

HMA/HA	Adults Horses/Burros	Foals Horses/Burros	Total Horses/Burros
Selenite Range			
Blue Wing	<u>20/0</u>	<u>4/0</u>	<u>24/0</u>
Total	20/0	4/0	24/0
Fox & Lake Range			
Rodeo Creek	251/0	35/0	286/0
Pole Cyn.	<u>69/0</u>	<u>8/0</u>	<u>77/0</u>
Total	320/0	43/0	363/0
Granite Range			
Buffalo Hills			
N of drift fence	358/0	58/0	416/0
S of drift fence	<u>292/0</u>	<u>52/0</u>	<u>344/0</u>
Total	650/0	110/0	760/0
Calico Mtns.			
Buffalo Hills	273/0	47/0	320/0
Leadville	212/0	38/0	250/0
Soldier Meadows	<u>106/0</u>	<u>19/0</u>	<u>125/0</u>
Total	591/0	104/0	695/0
Black Rock Range-West			
Soldier Meadows	<u>359/0</u>	<u>56/0</u>	<u>415/0</u>
Total	359/0	56/0	415/0
Warm Springs Cyn.			
Total	<u>491/20</u>	<u>58/3</u>	<u>549/23</u>
Total	491/20	58/3	549/23
Seven Troughs			
Blue Wing	0/6	0/2	0/8
Seven Troughs	<u>105/14</u>	<u>20/1</u>	<u>125/15</u>
Total	105/20	20/3	125/23
Antelope Range			
Seven Troughs	64/0	13/0	77/0
Majuba	<u>113/0</u>	<u>23/0</u>	<u>136/0</u>
Total	177/0	36/0	213/0
Kamma Mtns.			
Seven Troughs	<u>5/0</u>	<u>0/0</u>	<u>5/0</u>
Total	5/0	0/0	5/0
Nightingale Mtns.			
Blue Wing	<u>128/0</u>	<u>23/0</u>	<u>151/0</u>
Total	128/0	23/0	151/0
Shawave Mtns.			
Blue Wing	<u>416/0</u>	<u>84/0</u>	<u>500/0</u>
Total	416/0	84/0	500/0
Blue Wing Mtns.			
Blue Wing	<u>20/12</u>	<u>2/1</u>	<u>22/13</u>
Total	20/12	2/1	22/13
Augusta Mtns.			
Jersey Valley	<u>70/0</u>	<u>12/0</u>	<u>82/0</u>
Total	70/0	12/0	82/0
Hot Springs Mtns.			
Desert Queen	<u>0/27</u>	<u>0/5</u>	<u>0/33</u>
Total	0/27	0/5	0/33
Buffalo Hills			
Buffalo Hills	277/0	49/0	326/0
Coyote (outside HMA)	<u>36/0</u>	<u>9/0</u>	<u>45/0</u>
Total	313/0	58/0	371/0
Lava Beds			
Blue Wing	323/14	49/0	372/14
Seven Troughs	<u>56/1</u>	<u>17/1</u>	<u>73/2</u>
Total	379/15	66/1	445/16

The foal count may not be accurate in all areas however total number of animals is correct.