

### 2024 Montana Fish Wildlife and Parks Commissioner Wolf Comments.

Chair Robinson and Commissioners,

25 July 2024

The killing of wolves should be avoided for several important reasons rooted in ecological balance, ethical considerations, and cultural significance. Ecologically, wolves play a critical role as apex predators in maintaining the health and balance of ecosystems. They help regulate prey populations, such as deer and elk, preventing overgrazing and promoting biodiversity. Without wolves, these prey populations can expand uncontrollably, leading to the degradation of vegetation and negatively impacting other species in the ecosystem. This trophic cascade demonstrates the essential role of wolves in fostering a balanced and thriving natural environment.

Ethically, many argue that wolves have an intrinsic right to live free from unnecessary harm inflicted by humans. Wolves, like all sentient beings, experience pain and suffering, raising significant animal welfare concerns. Furthermore, wolves exhibit complex social structures, living in family units and displaying strong bonds and cooperation within their packs. The disruption of these social structures through killing can cause immense distress and destabilization, further emphasizing the ethical considerations against their elimination.

Culturally, wolves hold significant value and symbolism in various human societies, from Indigenous cultures that view them as sacred and integral to their heritage, to modern conservationists who recognize their importance in the natural world. Respecting these cultural perspectives fosters greater appreciation and protection of wildlife, encouraging coexistence rather than conflict.

Economically, non-lethal methods of managing wolf populations, such as using guard animals, fencing, or compensation programs, can be more sustainable and beneficial to local communities than lethal control methods. These approaches can reduce livestock predation while preserving wolf populations, allowing for a balanced cohabitation where both human and wildlife interests are considered.

In conclusion, protecting wolves from being killed aligns with ecological, ethical, cultural, and economic arguments, supporting a multifaceted approach to wildlife conservation that benefits both the environment and humanity.

You have an opportunity to acknowledge and respect the desires of the nonconsumptive community Stop the slaughter of Yellowstone and Montana wolves. Please review supporting documents.

Marc Cooke
President
Wolves of the Rockies
Stevensville, Montana

Elk are counted in winter or spring by aircraft. It is not possible to count all elk in a management unit and elk plan objectives are based on 'Observed Elk", which may be elk observed on trend areas in some cases. Counting elk is an inexact exercise subject to a multitude of weather and timing variables and elk movements between hunting districts. Therefore, counts in some years may not accurately reflect elk numbers and better counts from previous years are reported.						
Hunting District(s)	Elk Management Unit (EMU)	Most Recent Elk Count (as of 2023)	Year of Count	Average Count <sup>1</sup>	Population Goal Range	Status <sup>2</sup>
100	PURCELL	Surveys not conducted due to difficulty observing elk in forested cover.				
101	EUREKA	Surv	eys not conducte	ed due to urban	low altitude flying co	onstraints.
103	SALISH	Population co	unt surveys not	conducted due t	o variable and incor	nsistent elk counts.
104	CABINET	Survey	s not conducted	due to difficulty	observing elk in fore	ested cover.
110	WHITEFISH	Survey	s not conducted	due to difficulty	observing elk in fore	ested cover.
120	SALISH	Survey	s not conducted	due to difficulty	observing elk in fore	ested cover.
121	LOWER CLARK FORK	1,497	2022	1,497	1,350-1,890	At
122	SALISH	Survey	s not conducted	due to difficulty	observing elk in fore	ested cover.
123	LOWER CLARK FORK	376	2023	344	360-510	Below
124	LOWER CLARK FORK	Survey	s not conducted	due to difficulty	observing elk in fore	ested cover.
130	BOB MARSHALL	Surveys not conducted due to difficulty observing elk in forested cover.				
140	BOB MARSHALL	67	2023	67	250-350	Below
141	BOB MARSHALL	Survey	s not conducted	due to difficulty	observing elk in fore	ested cover.
150	BOB MARSHALL	206	2023	206	450-630	Below
170	NORTH SWAN	Surveys not conducted due to difficulty observing elk in forested cover and urban flying constraints.				
	HOITHI OWNIT		a due to difficult	ly observing elk	in forested cover an	d urban flying constraints.
Region 1 Total <sup>3</sup>	NOITH OWN.	2,146	a due to difficult	2,114	2,410-3,380 <sup>3</sup>	d urban flying constraints.  Below <sup>3</sup>
	LOWER CLARK FORK		2021		-	_
Region 1 Total <sup>3</sup>		2,146		2,114	2,410-3,380 <sup>3</sup>	Below <sup>3</sup>
Region 1 Total <sup>3</sup> 200	LOWER CLARK FORK	2,146 265	2021	2,114 266 <sup>4</sup>	2,410-3,380 <sup>3</sup> 240-360	Below <sup>3</sup> At
Region 1 Total <sup>3</sup> 200 201	LOWER CLARK FORK MISSOULA/NINEMILE	2,146 265 2,297	2021 2023	2,114 266 <sup>4</sup> 2,208	2,410-3,380 <sup>3</sup> 240-360 1,600-2,400	Below <sup>3</sup> At At
Region 1 Total <sup>3</sup> 200  201  202  204, 261, 262  Skalkaho/Willow  204, 261, 262  Willow/Eight Mile	LOWER CLARK FORK MISSOULA/NINEMILE	2,146 265 2,297 536	2021 2023 2022	2,114 266 <sup>4</sup> 2,208 532	2,410-3,380 <sup>3</sup> 240-360 1,600-2,400 400-600	Below <sup>3</sup> At At At
Region 1 Total <sup>3</sup> 200 201 202 204, 261, 262 Skalkaho/Willow 204, 261, 262	LOWER CLARK FORK MISSOULA/NINEMILE LOWER CLARK FORK  NORTH SAPPHIRE	2,146 265 2,297 536 313	2021 2023 2022 2023	2,114 266 <sup>4</sup> 2,208 532 385	2,410-3,380 <sup>3</sup> 240-360 1,600-2,400 400-600 300-500	Below <sup>3</sup> At At At At
Region 1 Total <sup>3</sup> 200  201  202  204, 261, 262  Skalkaho/Willow  204, 261, 262  Willow/Eight Mile  204, 261, 262 Eight	LOWER CLARK FORK MISSOULA/NINEMILE LOWER CLARK FORK	2,146 265 2,297 536 313	2021 2023 2022 2023 2023	2,114 266 <sup>4</sup> 2,208 532 385 412	2,410-3,380 <sup>3</sup> 240-360 1,600-2,400 400-600 300-500 360-540 400-600 1,440-2,160	Below <sup>3</sup> At At At At At At
Region 1 Total <sup>3</sup> 200  201  202  204, 261, 262  Skalkaho/Willow  204, 261, 262  Willow/Eight Mile  204, 261, 262 Eight  Mile/North	LOWER CLARK FORK MISSOULA/NINEMILE LOWER CLARK FORK  NORTH SAPPHIRE  ROCK CREEK & FLINT	2,146 265 2,297 536 313 346	2021 2023 2022 2023 2023 2023	2,114 266 <sup>4</sup> 2,208 532 385 412 691	2,410-3,380 <sup>3</sup> 240-360 1,600-2,400 400-600 300-500 360-540 400-600	Below <sup>3</sup> At At At At At Over

122         SALISH         Surveys not conducted due to difficulty observing elk in forested cover.           123         LOWER CLARK FORK         376         2023         344         360-510         Below           124         LOWER CLARK FORK         Surveys not conducted due to difficulty observing elk in forested cover.           130         BOB MARSHALL         Surveys not conducted due to difficulty observing elk in forested cover.           140         BOB MARSHALL         67         2023         67         250-350         Below           141         BOB MARSHALL         Surveys not conducted due to difficulty observing elk in forested cover.           150         BOB MARSHALL         206         2023         206         450-630         Below           170         NORTH SWAN         Surveys not conducted due to difficulty observing elk in forested cover and urban flying constrain           Region 1 Total³         2,146         2,114         2,410-3,380³         Below³           200         LOWER CLARK FORK         265         2021         266⁴         240-360         At           201         MISSOULA/NINEMILE         2,297         2023         2,208         1,600-2,400         At           204, 261, 262         Skalkaho/Willow							
124 LOWER CLARK FORK Surveys not conducted due to difficulty observing elk in forested cover.  130 BOB MARSHALL Surveys not conducted due to difficulty observing elk in forested cover.  140 BOB MARSHALL 67 2023 67 250-350 Below  141 BOB MARSHALL Surveys not conducted due to difficulty observing elk in forested cover.  150 BOB MARSHALL 206 2023 206 450-630 Below  170 NORTH SWAN Surveys not conducted due to difficulty observing elk in forested cover and urban flying constrain  Region 1 Total <sup>3</sup> 2,146 2,114 2,410-3,380 <sup>3</sup> Below <sup>3</sup> 200 LOWER CLARK FORK 265 2021 266 <sup>4</sup> 240-360 At  201 MISSOULA/NINEMILE 2,297 2023 2,208 1,600-2,400 At  202 LOWER CLARK FORK 536 2022 532 400-600 At  204, 261, 262	122	SALISH	Survey	s not conducted	due to difficulty	observing elk in fore	ested cover.
130   BOB MARSHALL   Surveys not conducted due to difficulty observing elk in forested cover.	123	LOWER CLARK FORK	376	2023	344	360-510	Below
140         BOB MARSHALL         67         2023         67         250-350         Below           141         BOB MARSHALL         Surveys not conducted due to difficulty observing elk in forested cover.           150         BOB MARSHALL         206         2023         206         450-630         Below           170         NORTH SWAN         Surveys not conducted due to difficulty observing elk in forested cover and urban flying constrain           Region 1 Total³         2,146         2,114         2,410-3,380³         Below³           200         LOWER CLARK FORK         265         2021         266⁴         240-360         At           201         MISSOULA/NINEMILE         2,297         2023         2,208         1,600-2,400         At           202         LOWER CLARK FORK         536         2022         532         400-600         At           204, 261, 262         313         2023         385         300-500         At	124	LOWER CLARK FORK	Surveys not conducted due to difficulty observing elk in forested cover.				
141   BOB MARSHALL   Surveys not conducted due to difficulty observing elk in forested cover.	130	BOB MARSHALL	Surveys not conducted due to difficulty observing elk in forested cover.				
150   BOB MARSHALL   206   2023   206   450-630   Below	140	BOB MARSHALL	67	2023	67	250-350	Below
NORTH SWAN   Surveys not conducted due to difficulty observing elk in forested cover and urban flying constraint	141	BOB MARSHALL	Surveys not conducted due to difficulty observing elk in forested cover.				
Region 1 Total³         2,146         2,114         2,410-3,380³         Below³           200         LOWER CLARK FORK         265         2021         266⁴         240-360         At           201         MISSOULA/NINEMILE         2,297         2023         2,208         1,600-2,400         At           202         LOWER CLARK FORK         536         2022         532         400-600         At           204, 261, 262         313         2023         385         300-500         At	150	BOB MARSHALL	206	2023	206	450-630	Below
200         LOWER CLARK FORK         265         2021         266 <sup>4</sup> 240-360         At           201         MISSOULA/NINEMILE         2,297         2023         2,208         1,600-2,400         At           202         LOWER CLARK FORK         536         2022         532         400-600         At           204, 261, 262         313         2023         385         300-500         At	170	NORTH SWAN	Surveys not conducted due to difficulty observing elk in forested cover and urban flying constraint				
201         MISSOULA/NINEMILE         2,297         2023         2,208         1,600-2,400         At           202         LOWER CLARK FORK         536         2022         532         400-600         At           204, 261, 262         313         2023         385         300-500         At	Region 1 Total <sup>3</sup>		2,146		2,114	2,410-3,380 <sup>3</sup>	Below <sup>3</sup>
202         LOWER CLARK FORK         536         2022         532         400-600         At           204, 261, 262         313         2023         385         300-500         At							
204, 261, 262 313 2023 385 300-500 At	200	LOWER CLARK FORK	265	2021	266 <sup>4</sup>	240-360	At
I '' I AT I 7073 I 389 I 300-900 I AT							
	201	MISSOULA/NINEMILE	2,297	2023	2,208	1,600-2,400	At

1,958

562

741

750

105

4,554

463

583

2,734

206

1,006

633

540

24,405

963

1,247

994

2023

2023

2023

2022

2023

2023

2022

2023

2023

2022

2022

2023

2022

2023

2023

2023

1,834

672

697

778

105<sup>5</sup>

4,331

536

677

2,072

220

954

674

610

23,383

831

2,008

904

No Wintering Elk.

1,360-2,040

480-720

600-900

800-1,200

3,600-4,400

500-700

900-1,100

1,800-3,500

240-360

480-720

640-960

17,700-26,200

400-800

1,100-2,100

650-1,100

480-720

0-100

Αt

At

Αt

Below

Over

Αt

Αt

Below

Αt

Below

Over

Αt

Below

At

Over

Αt

Αt

215

217

240

250

260

270

280

281

282

284, 293, 339, 343

285 (Gold-Belmont)

291

292

Region 2 Total

301, 309

302

303

290, 298

**DEER LODGE** 

FLINT CK

BITTERROOT

WEST FORK BITTERROOT

BITTERROOT/CLARK FORK

EAST FORK BITTERROOT

BOB MARSHALL

**BOB MARSHALL** 

**BOB MARSHALL** 

**GRANITE BUTTE** 

**BOB MARSHALL** 

GARNET

GARNET

**GARNET** 

**BOZEMAN** 

**TENDOY** 

**TENDOY** 

304	LOWER MADISON	2,046	2023	2,056	1,500-3,000	At Page 2
310	GALLATIN/MADISON	326	2023	561	600-1,000	Below
311 North Tobacco Roots Herd	LOWER MADISON	655	2023	573	200-1,000	At
311 Red Mountain Herd		838	2023	678	200-1,000	At
312	BRIDGER	1,139	2023	1,196	1,000-2,000	At
7313	NORTHERN YELLOWSTONE	5,142	2023	5,075	3,000-5,000	Over
314	UPPER YELLOWSTONE	3,959	2023	3,965	2,900-4,200	At
315	CRAZY MOUNTAINS	2,519	2023	2,403	1,200-2,000	Over
316	NORTHERN YELLOWSTONE	4.024	2022	No Winterin	THE RESERVE OF THE PARTY OF THE	0.00
317 318	ABSAROKA DEER LODGE	1,834	2023	1,826 647	900-1,700 400-800	Over At
319 S	FLEECER	1,153	2023	970	850-1,100	At
319 NE	FLEECER	572	2023	487	450-600	At
320	TOBACCO ROOT	1,450	2023	1,288	500-1,500	At
321 S	WEST BIG HOLE	756	2023	1,001	800-1,000	At
321 N	WEST BIG HOLE	647	2023	804	800-1,000	At
322	GRAVELLY	8,509	2023	10,399	6,000-10,000	Over
329	PIONEER	1,086	2023	959	700-1,300	At
331	PIONEER	1,260	2023	1,441	1,250-1,950	At
335	DEER LODGE	967	2023	1,076	500-1,400	At
339, 343	GRANITE BUTTE		Counte	ed with 284 and	293 - see above	
340	HIGHLAND	806	2023	883	800-1,200	At
350	WHITETAIL-BULL MTN	356	2023	280	300-400	Below
360	GALLATIN-MADISON	4,653	2023	5,458	3,300-4,700	Over
361	GALLATIN-MADISON		Few winterin	ng elk. No stated	population size goa	al.
370	WHITETAIL-BULL MTN	378	2023	328	350-450	Below
380	ELKHORN	1,601	2023	1,698	1,700-2,300	Below
388	GRANITE BUTTE		Survey not cor	nducted. No stat	ed population size g	joal.
390	BRIDGER	1,829	2023	1,584	1,200-1,800	At
391	SW BIG BELT	1,953	2023	1,479	1,000-1,500	At
392	NW BIG BELT	212	2023	269	480-720	Below
393	BRIDGER	4,141	2023	3,778	2,700-4,000	At
Region 3 Total		54,657		56,904	38,230-62,620	At
400, 403, 404, 405, 406, 419, 444, 471	GOLDEN TRIANGLE		Survey not cor	nducted. No stat	ed population size g	joal.
401	SWEETGRASS HILLS	707	2023	654	450-650	Over
410	MISSOURI RIVER BREAKS	2,106	2023	2,698 <sup>6</sup>	2,600-3,200	At
411, 535	SNOWY	10,380	2023	9,858 <sup>6</sup>	6,000-12,000	At
412	SNOWY	1,188	2023	986	600-1,500	At
413	LITTLE BELT	1,200	2023	1,028	700-1,000	Over
415	BOB MARSHALL	154	2022	178	150-250	At
416	SW LITTLE BELT	195	2023	1,444	1,000-1,500	At
417	MISSOURI RIVER BREAKS	2,443	2023	2,452 <sup>6</sup>	1,500-2,500	At
418	NE LITTLE BELT	362	2023	303	200-300	Over
420, 448	NE LITTLE BELT	1,160	2023	1,137	1,000-1,500	At
421	BIRDTAIL	924	2023	727	400-600	Over
422	BOB MARSHALL	1,339	2023	1,124	600-800	Over
424, 425, 442	BOB MARSHALL	2,223	2023	2,223 <sup>5</sup>	2,250-2,750	Below
426	MISSOURI RIVER BREAKS	452	2023	317	150-350	At
441	BOB MARSHALL	740	2023	631	500-700	At
445, 455	DEVIL'S KITCHEN	5,989	2023	4,730	2,500-3,500	Over
446	EAST BIG BELT	2,322	2023	2,825	1,500-2,000	Over

447	HIGHWOOD	1,516	2023	1,572	800-1,200	Over Page 3	
450	TETON	577	2023	574	300-400	Over	
451	BRIDGER	961	2023	366 <sup>4</sup>	200-800	At	
452	CASTLE MOUNTAIN	1,683	2023	1,325	800-1,200	Over	
Region 4 Total		38,621		37,152	24,200-38,700	At	
502	ABSAROKA	202	2023	179	150-250	At	
515	MID-YELLOWSTONE	1,045	2022	1,054 <sup>6</sup>	900-1,500	At	
525	ABSAROKA	3,161	2022 & 2023	2,788	2,200-3,300	At	
535	SNOWY	Counted with 411 - see above					
540	SE LITTLE BELT	1,448	2023	1,651	1,500-2,000	At	
555	ABSAROKA	166	2022	138	150-250	Below	
565	ABSAROKA	351	2023	302	225-375	At	
575	ABSAROKA	908	2023	949	650-1,050	At	
580	CRAZY MOUNTAINS	5,141	2023	4,668 <sup>6</sup>	2,500-4,000	Over	
590	BULL MOUNTAINS	3,717	2023	3,297 <sup>6</sup>	2,400-3,600	At	
Region 5 Total		16,139		15,026	10,675-16,325	At	
600, 640, 650, 652, 670	PRAIRIE BREAKS	Survey not conducted. No stated population size goal.					
620, 621, 622	MISSOURI RIVER BREAKS	1,292	2022	1,642 <sup>6</sup>	1,600-2,400	At	
630	MISSOURI RIVER BREAKS	254	2022	330 <sup>6</sup>	400-600	Below	
690	BEARS PAW	696	2023	861 <sup>6</sup>	800-1,200	At	
Region 6 Total		2,242		2,833	2,800-4,200	At	
700	MISSOURI RIVER BREAKS	1,379	2022	1,314 <sup>6</sup>	1,600-2,400	Below	
701	PRAIRIE BADLANDS	Survey not conducted. No stated population size goal.					
702, 704, 705	SOUTHEASTERN MONTANA	3,721	2022 & 2023	2,726 <sup>6</sup>	3,240-4,860	Below	
703	HI LINE	Survey not conducted. No stated population size goal.					
Region 7 Total		5,100		4,040	4,840-7,260	Below	
STATE TOTAL		143,310		140,679	96,015-151,425	At	
<sup>1</sup> Average counts are for the past three years unless otherwise noted <sup>2</sup> Status is classified as At, Below or Over the population goal using the count average specified in the Elk Management Plan  At  Under  Under							



<sup>&</sup>lt;sup>4</sup>Avearge count is for the last five years

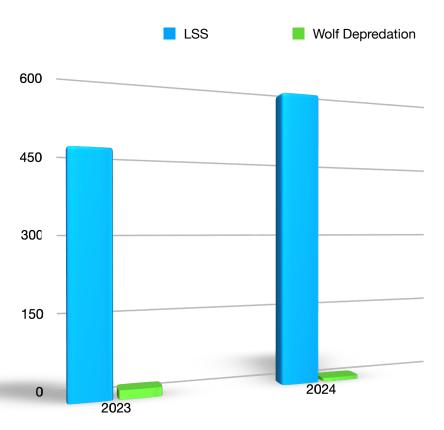
<sup>&</sup>lt;sup>5</sup>Avearge count is the most recent count

<sup>&</sup>lt;sup>6</sup>Avearge count is for the last four years



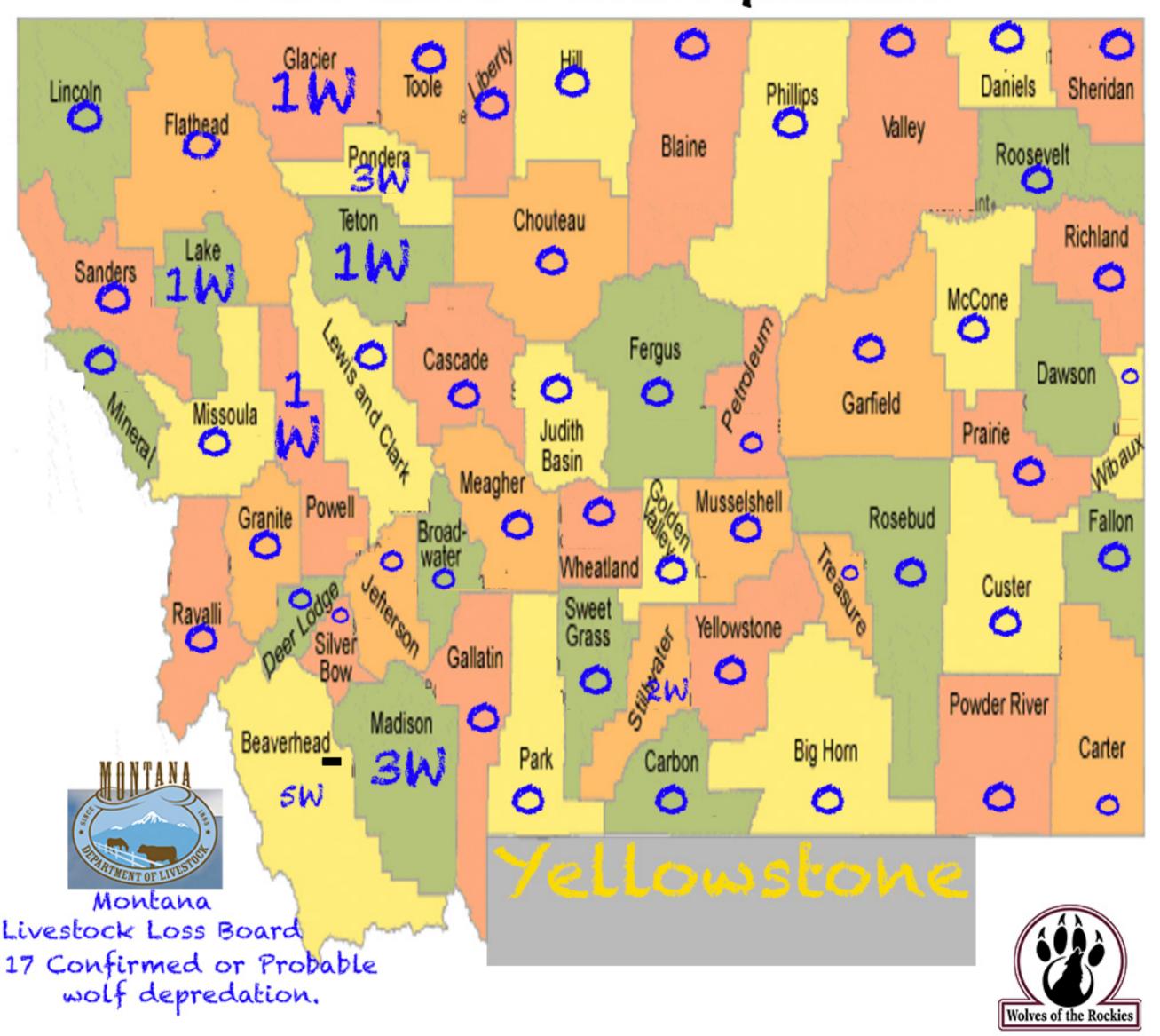
### Livestock Lost, Strayed or Stolen Compared to Wolf Depredation.

#### ~WHY ARE WE KILLING WOLVES ?~



Statistics provided by Montana Department of Livestock.

# Montana County Map 2023 Wolf Livestock Depredation



# Montana County Map 2024 Wolf Livestock Depredation

