

Bison Management Operations Winter 2018-19:**Table 1. Removal Summary.** Number of Yellowstone bison removed through state and treaty harvests and culled through consignment to slaughter or quarantine facilities, or dying within containment. Table abbreviations are adult (A), yearling (Y), calf (C), and unknown sex (Unk). Harvest numbers are preliminary, in-season totals that may change.

Date	Removal Method	NORTH						WEST						
		Male		Female		Unk		Male		Female		Unk		
		A	Y	A	Y	Unk	C	A	Y	A	Y	Unk	C	
Operations Year 2018- 19	Harvest (Mont)	0	0	0	0	0	0	0	0	0	0	0	1	0
	Harvest (CSKT)	2	0	0	0	0	0	0	0	0	0	0	0	0
	Harvest (NPT)	17	0	8	0	0	6	1	0	0	0	0	0	0
	Harvest (CTU)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Harvest (SB)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Harvest (YN)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Harvest (BT)	0	0	0	0	0	0	0	0	0	0	0	0	0
	NPS ¹	0	0	3	0	0	0	0	0	0	0	0	0	0
	MTFWP ²	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unattributed Harvests ³	39	4	8	0	14	11	0	0	0	0	0	0	0
	Captured and Consigned	27	46	13	41	0	98	0	0	0	0	0	0	0
	Removed to Quarantine	0	0	0	0	0	0	0	0	0	0	0	0	0
	Capture Pen Mortality	0	1	0	0	0	0	0	0	0	0	0	0	0
	MTDOL Management Shooting	0	0	0	0	0	0	0	0	0	0	0	0	0
Year to Date	HARVEST	58	4	19	0	14	17	1	0	0	0	1	0	
	CULL	27	47	13	41	0	98	0	0	0	0	0	0	
	TOTAL	85	51	15	41	14	11	1	0	0	0	1	0	
				4			5							2
							460							

¹ - Wounded animals shot within Yellowstone by YNP personnel² - Wounding loss reported by MTFWP³ - Observed harvests recorded by federal, state, and tribal wardens

<u>Disposition of Captured Bison:</u>	<u>Year to Date</u>
Transferred to Tribes:	347
Transferred for research:	0
Being held for quarantine:	0
Mortalities within the Stephens Creek Facility:	1
Released:	0
Approximate number of animals being held within the Stephens Creek Facility for eventual consignment or release:	0

Table 2. Brucellosis Testing Summary. Bison tested for brucellosis exposure (positive + negative -) within the Stephens Creek Capture Facility.

Date	Male						Female					
	Adult		Yearling		Calf		Adult		Yearling		Calf	
	+	-	+	-	+	-	+	-	+	-	+	-
Total	19	6	15	30	2	45	85	46	14	26	5	42
Total	117						218					

¹ In addition, 6 animals tested suspect for brucellosis and 6 were not tested

Table 3. Bison in Gardiner Basin Numbers of bison counted in the Gardiner basin by ground observers during winter 2018-19. Bison held within the Stephens Creek Capture Facility are not included in counts.

Date	Mammoth to Gardiner	North Entrance Station to Stephens Creek Facility	Stephens Creek Facility to Park Boundary	North of Park Boundary	Eagle Creek SMA	Total
11/18/2018	0	0	0	0	0	0
11/14/2018	0	0	0	0	0	0
11/27/2018	0	0	0	0	0	0
12/3/2018	0	0	0	0	0	0
1/28/2019	0	0	0	0	2	2
1/31/2019	2	3	0	0	2	7
2/4/2019	7	7	0	0	0	14
2/7/2019	6	0	0	0	2	8
2/15/2019	28	0	0	0	2	30
2/21/2019	82	29	0	0	0	111
2/25/2019	5	79+	7	0	0	91
2/28/2019	104	17	0	0	0	121
3/4/2019	242	25	0	0	2	269
3/5/2019	105	116	0	0	12	233
3/7/2019	128	57	28	0	11	224
3/10/2019	103	159	75	0	0	337
3/13/2019	94	318	0	0	0	412
3/14/2019	DNC	DNC	102	55	4	DNC
3/15/2019	114	105	17	124	5	365
3/16/2019	141	79	4	135	0	359
3/17/2019	DNC	DNC	45	1	0	DNC
3/18/2019	85	223	105	17	0	430
3/19/2019	DNC	168	84	10	0	DNC
3/20/2019	DNC	DNC	85	144	0	DNC
3/21/2019	DNC	DNC	163	0	DNC	DNC
3/22/2019	21	137	150	86	16	410
3/26/2019	49	124	15	0	0	188
3/28/2019	40	126	58	3	0	227
4/1/2019	40	78	68	1	2	189