

Results of aerial surveys for elk in the Livingston area for winter 2013

2013 fixed-wing elk surveys:

HD	Dates Flown	Survey Conditions	Total Count	Total Classified	BTB	YRL Bull	Antlerless	Unclassified	2012 count*	Objective
313	2/18/2013	Very Good	3000	1676	129	17 .56%	1530	1324	2734	4000 -25%
314	3/12 & 3/13	Good to Fair	3126	603	131	22	450	2523	2707	3000
317	3/6 & 3/16	Good to Fair	756	238	17	7 .9%	214	518	651	900 -16%
315	2/19 & 2/20	Very Good	1440	1114	40	98	976	326	1054	1000
393	2/20, 2/21, 3/5	Good	4211	2185	155	123	1907	2026	3658	1500

\*2012 was a poor survey year for most areas due to sparse snow cover and unusually windy conditions

Northern Yellowstone Elk Classification Survey; conducted by helicopter on 2/19/13, good survey conditions:

Area	Total Elk	Calves	Cows	YRL Bull	BTB	Calves/ 100Cows	YrlBulls/ 100Cows	BTB/ 100Cows	Total Bulls/ 100Cows
Montana (HD313)	1257	201	960	70	26	20.9	7.3	2.7	10.0
Yellowstone Park	Lower	1061	162	843	30	26	19.2	3.6	6.6
	Middle	1081	106	735	38	202	14.4	5.2	32.7
	Upper	108	12	74	2	20	16.2	2.7	29.7
Grand Total	3507	481	2612	140	274	18.4	5.4	10.5	15.8

“BTB” indicates the number of brow-tined bulls observed, “YRL Bull” indicates the number of “spikes”, or yearling bulls observed.

No calf classifications were done during fixed-wing flights; classifications for these flights were limited to antlerless/brow-tined bull/yearling bull