

DMAP Harvest Summary

Date: 08/12/2025

*** Charles Ray Nix WMA ***

Club ID: 6481

Season: 2024	Acres: 4000
Location: Panola County, MS	Years on DMAP: 29
Soil Region: Upper Thick Loess	Biologist: Brad Holder
	% Data Collected: 99

Table 1. Harvest Summary

	Number Harvested	Acres Per Deer Harvested
Bucks	26	154
Does	70	57
Totals	96	42

Table 2. Harvest History

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Acres	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	177354	4000
Total Deer	96	68	76	71	58	57	48	87	97	90	1908	75
Buck	26	27	25	27	33	23	12	32	29	36	669	27
Doe	70	41	51	44	25	34	36	55	68	54	1239	48
Acres/Deer	42	59	53	56	69	70	83	46	41	44	93	53
Acres/Buck	154	148	160	148	121	174	333	125	138	111	265	148
Acres/Doe	57	98	78	91	160	118	111	73	59	74	143	84

Table 3. Age Distribution

	Bucks		Does		Management Bucks		Criteria Bucks	
Age	#	%	#	%	#	%	#	%
0.5	3	12	13	19	0	0	3	12
1.5	1	4	8	12	0	0	1	4
2.5	13	50	18	26	0	0	13	50
3.5	6	23	7	10	0	0	6	23
4.5	3	12	8	12	0	0	3	12
5.5	0	0	6	9	0	0	0	0
6.5	0	0	4	6	0	0	0	0
7.5	0	0	2	3	0	0	0	0
8.5	0	0	3	4	0	0	0	0

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Table 4. Statistics for Doe Harvest

Age	Number Harvested	Avg Live Weight	Percent Lactating
0.5	13	58	0
1.5	8	94	0
2.5	18	107	61
3.5	7	113	43
4.5	8	113	75
5.5	6	118	67
6.5	4	101	75
7.5	2	120	100
8.5	3	107	33
Totals	69	103	

Table 5. Doe Harvest History

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Total Does	69	36	50	43	25	34	36	55	68	54	2052	47
Acres/Doe	58	111	80	93	160	118	111	73	59	74	84	85
% Harvest By Age												
% 0.5	19	3	18	14	20	24	8	18	21	15	7	16
% 1.5	12	22	18	16	24	29	14	18	28	17	17	19
% 2.5	26	25	4	5	20	6	17	16	10	9	18	14
% 3.5+	43	50	60	65	36	41	61	47	41	59	56	50
Average Weight												
0.5	58	50	56	67	54	54	63	60	54	59	63	57
1.5	94	84	93	81	83	82	93	93	85	85	98	87
2.5	107	97	88	97	93	110	103	96	89	96	109	99
3.5+	111	108	104	104	103	100	105	106	109	105	116	104
% Lactation												
% 1.5	0	0	12	0	0	0	20	0	0	0	10	2
% 2.5	61	33	100	0	20	0	20	67	43	40	52	46
% 2.5+	62	56	53	66	50	20	57	69	66	59	63	59
% 3.5+	63	67	50	68	67	23	67	69	71	62	67	62

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Table 6. Statistics for Yearling Bucks

	Number	Percent	Avg. Live Weight	Average Points
Spikes	0	0	0	0
Forks	0	0	0	0
Totals	1			

Table 7. Buck Statistics

	Live Weight		Points		Base		Length		Spread	
Age	Number	Average	Number	Average	Number	Average	Number	Average	Number	Average
0.5	3	56	0	N/A	0	N/A	0	N/A	0	N/A
1.5	1	120	1	1	0	N/A	0	N/A	0	N/A
2.5	12	158	12	7.2	12	3.7	13	17.6	12	14.0
3.5	6	188	6	8	6	4.4	6	20.4	6	14.4
4.5	3	148	3	8.7	3	4.4	3	19.6	3	15.0
5.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A
6.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A
7.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A
8.5	0	0	0	N/A	0	N/A	0	N/A	0	N/A

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Table 8. Buck Harvest History (All Bucks)

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Bucks	26	24	24	27	33	23	12	32	28	36	1000	26
Acres/Buck	154	167	167	148	121	174	333	125	143	111	172	151
% .5 Bucks	12	12	21	19	9	9	0	9	4	22	6	12
# .5 Bucks	3	3	5	5	3	2	0	3	1	8	59	33
Avg Weight	56	61	65	55	61	75	0	65	60	64	63	62
% 1.5 Bucks	4	8	17	11	9	4	0	16	11	6	14	9
# 1.5 Bucks	1	2	4	3	3	1	0	5	3	2	135	2.4
% Spikes	100	0	50	67	67	100	0	60	67	0	77	54
Avg Weight	120	112	110	100	108	80	0	101	74	105	110	101
Avg Points	1	4	3.67	2	2	2	0	2	1	1.5	2	2
Avg Base	0.8	2.4	2.3	2.1	2.0	0.5	0	1.7	1.0	0	1.9	1.8
Avg Length	6.0	8.2	6.0	6.7	5.2	1.0	0	3.9	6.5	6.8	3.9	5.4
Avg Spread	0	7.0	6.5	6.0	0	3.0	0	10.0	0	5.0	4.5	6.1
% 2.5 Bucks	50	17	4	11	6	35	25	9	4	3	6	15
# 2.5 Bucks	13	4	1	3	2	8	3	3	1	1	62	3.9
Avg Weight	158	142	100	127	148	138	162	135	0	129	148	145
Avg Points	7.25	7.75	6	5	8.5	6.38	9	6	0	8	6	7
Avg Base	3.7	2.9	3.5	2.6	3.7	3.4	3.9	3.0	2.5	3.0	3.3	3.4
Avg Length	17.6	17.3	17.2	12.2	17.0	14.8	18.5	15.8	15.5	13.8	14.3	16.3
Avg Spread	14.0	14.4	14.0	10.0	13.0	12.3	14.4	12.2	13.0	12.0	12.0	13.1
% 3.5 Bucks	23	25	17	26	39	30	25	34	36	25	16	29
# 3.5 Bucks	6	6	4	7	13	7	3	11	10	9	164	7.6
Avg Weight	188	139	137	145	151	148	150	162	147	145	172	152
Avg Points	8	7.6	8	8.67	7.92	8.29	7.67	7.82	6.8	7.89	7	8
Avg Base	4.4	3.9	4.0	4.0	3.9	3.9	3.8	4.0	3.7	4.1	3.9	4.0
Avg Length	20.4	18.9	16.4	19.3	18.8	18.0	18.0	17.2	17.5	18.4	17.6	18.3
Avg Spread	14.4	15.0	13.3	14.8	14.7	13.2	13.2	13.6	14.2	14.3	14.4	14.1
% 4.5 + Bucks	12	38	42	33	36	22	50	31	46	44	55	35
# 4.5 + Bucks	3	9	10	9	12	5	6	10	13	16	235	9.3
Avg Weight	148	160	155	158	160	163	151	160	149	154	186	156
Avg Points	8.67	7.67	7.78	7.5	8.42	8	7.5	7.7	7.23	8	8	8
Avg Base	4.4	4.2	4.1	4.6	4.3	4.4	4.7	4.3	3.9	4.0	4.6	4.6
Avg Length	19.6	19.6	17.6	18.9	19.6	19.3	19.0	19.4	19.2	17.7	20.1	18.8
Avg Spread	15.0	14.9	14.7	13.9	14.5	14.2	14.7	15.2	15.2	13.1	16.1	14.5

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Table 9. Criteria Buck Harvest History

	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	RG 2023	Club Avg
Bucks	26	24	24	27	33	23	12	32	28	36	817	26
Acres/Buck	154	167	167	148	121	174	333	125	143	111	210	151
% .5 Bucks	12	12	21	19	9	9	0	9	4	22	7	12
# .5 Bucks	3	3	5	5	3	2	0	3	1	8	57	33
Avg Weight	56	61	65	55	61	75	0	65	60	64	63	62
% 1.5 Bucks	4	8	17	11	9	4	0	16	11	6	9	9
# 1.5 Bucks	1	2	4	3	3	1	0	5	3	2	76	2.4
% Spikes	100	0	50	67	67	100	0	60	67	0	62	54
Avg Weight	120	112	110	100	108	80	0	101	74	105	111	101
Avg Points	1	4	3.67	2	2	2	0	2	1	1.5	2	2
Avg Base	0.8	2.4	2.3	2.1	2.0	0.5	0	1.7	1.0	0	2.1	1.8
Avg Length	6.0	8.2	6.0	6.7	5.2	1.0	0	3.9	6.5	6.8	5.4	5.4
Avg Spread	0	7.0	6.5	6.0	0	3.0	0	10.0	0	5.0	4.9	6.1
% 2.5 Bucks	50	17	4	11	6	35	25	9	4	3	6	15
# 2.5 Bucks	13	4	1	3	2	8	3	3	1	1	49	3.9
Avg Weight	158	142	100	127	148	138	162	135	0	129	148	145
Avg Points	7.25	7.75	6	5	8.5	6.38	9	6	0	8	7	7
Avg Base	3.7	2.9	3.5	2.6	3.7	3.4	3.9	3.0	2.5	3.0	3.4	3.4
Avg Length	17.6	17.3	17.2	12.2	17.0	14.8	18.5	15.8	15.5	13.8	14.8	16.3
Avg Spread	14.0	14.4	14.0	10.0	13.0	12.3	14.4	12.2	13.0	12.0	12.0	13.1
% 3.5 Bucks	23	25	17	26	39	30	25	34	36	25	17	29
# 3.5 Bucks	6	6	4	7	13	7	3	11	10	9	135	7.6
Avg Weight	188	139	137	145	151	148	150	162	147	145	172	152
Avg Points	8	7.6	8	8.67	7.92	8.29	7.67	7.82	6.8	7.89	8	8
Avg Base	4.4	3.9	4.0	4.0	3.9	3.9	3.8	4.0	3.7	4.1	4.0	4.0
Avg Length	20.4	18.9	16.4	19.3	18.8	18.0	18.0	17.2	17.5	18.4	17.9	18.3
Avg Spread	14.4	15.0	13.3	14.8	14.7	13.2	13.2	13.6	14.2	14.3	14.7	14.1
% 4.5 + Bucks	12	38	42	33	36	22	50	31	46	44	58	35
# 4.5 + Bucks	3	9	10	9	12	5	6	10	13	16	207	9.3
Avg Weight	148	160	155	158	160	163	151	160	149	154	186	156
Avg Points	8.67	7.67	7.78	7.5	8.42	8	7.5	7.7	7.23	8	8	8
Avg Base	4.4	4.2	4.1	4.6	4.3	4.4	4.7	4.3	3.9	4.0	4.6	4.6
Avg Length	19.6	19.6	17.6	18.9	19.6	19.3	19.0	19.4	19.2	17.7	20.3	18.8
Avg Spread	15.0	14.9	14.7	13.9	14.5	14.2	14.7	15.2	15.2	13.1	16.2	14.5

Description of the Data and Glossary of Terms

This report is based on data MDWFP receives from DMAP clubs. The club/cooperator information in the heading, including acres under management and soil region, is based on the Annual DMAP Application. Please contact your DMAP Biologist if any of the information in the heading is incorrect. The “% Data Collected” field is the percentage of deer reported on the DMAP datasheet for which jawbones were received. Harvest totals in Tables 1 and 2 are based on deer harvest reported on the DMAP datasheet (regardless of whether a jawbone was received). All other tables are based on submitted jawbones in adequate condition to age using the tooth wear and replacement technique. For all tables including Soil Region Average data, the regional data column is labeled “RG20xx.” For all tables, Criteria Buck and Management Buck are defined below. Buck designations are made by the DMAP Biologist. If no designations are made, all bucks are classified as Criteria. If you have questions about Management and Criteria bucks, please contact your DMAP Biologist.

Soil Region Average (e.g., Regional Average or RG20xx) – the average of all deer in a specified parameter (i.e., harvest total, lactation, weight, etc.) reported for the year in question is used as an indicator of overall deer herd health by comparing club averages to other DMAP clubs in the same soil region.

Criteria Buck or perhaps a “trophy buck” – a buck deemed to have antler characteristics that satisfy the club’s goals for antler quality. This determination is generally made by the DMAP biologist in collaboration with the DMAP club and considers buck age, antler characteristics, soil region averages, and the goals of the DMAP club.

Management Buck or perhaps a “cull buck” – a harvested buck deemed to have below average antler characteristics compared to other bucks in the same age class and soil region. As with Criteria bucks, this determination is generally made by the DMAP biologist in collaboration with the DMAP club.

Lactation Index – the percentage of does for which a DMAP club recorded “detecting lactation” on the datasheet. Where sample sizes are sufficient, this index is used to determine the number of adult does that successfully raised fawns and is used to help estimate fawn recruitment. These data may be highly variable based on the timing of doe harvest in the annual cycle, as well as how thoroughly club members check for lactation. Generally, a favorable lactation index would be 60% or greater for adult does. A low lactation index (with adequate sample size) may indicate poor habitat, overpopulation, or a significant predation influence. Doe harvest early in the season (Oct- Dec) is generally better in estimating fawn recruitment vs late season harvest (after does finish lactating). For this report, lactation index is adjusted to account for late-season harvest.

Dressed Weights - average weight to the nearest pound of a dressed animal. A dressed animal should have both the forward (heart and lungs and rear (intestines) viscera removed but not any part of the remaining carcass. Comparing club average body weights from year to year or to the coordinating soil region average can be an indicator of overall herd health. Typically, doe carcass condition is a more reliable indicator of herd health than that of bucks due to the drastic fluctuation of buck body weights during the rut. Significant annual changes in carcass condition may indicate changes in habitat, mast crop, herd density, disease influence, or even severe weather conditions.

Age Distribution of Harvest – an estimate of age structure of the population, though generally only the doe segment is assessed, as buck harvest is often biased. Balanced deer herds typically show some harvest across all age classes. However, an age structure with more older animals (>40% 3 years old or greater) may indicate a stockpile of older animals which could signal an overabundant deer herd. Age distribution data is generally best considered in context with other harvest data (i.e., lactation index, doe body weights), as well as observation data (i.e., adult sex ratio, fawn recruitment) and even camera survey data (i.e., deer density, buck age structure).

Fawn Recruitment – a measurement of the number of fawns per adult doe that survive to at least 4-6 months of age. Recruitment tends to improve with increased harvest due to freeing up available resources. Generally fawn recruitment is measured using hunter observation data or camera surveys.

Adult Sex Ratio – ratio of the total number of does to total number of bucks in a deer herd. Typically, adult sex ratio is measured using observation data or camera surveys. Deer are born at nearly a 1:1 ratio of does to bucks. Thus, adult sex ratios closer to 1:1 are ideal. In trophy management scenarios adult sex ratio may be skewed towards more bucks, but most deer herds range from 1.5:1 to 3:1.

Important DMAP Reminders for Each Season

- For more information, visit www.mdwfp.com/DMAP and check out the Deer Managers Toolkit.
- If club acreages are incorrect, they should be updated on your DMAP Application. Contact your DMAP Biologist for help updating your DMAP Application.
- Calibrate your body weight scale(s) each year, especially if your club has multiple scales.
- Don't forget to retrieve jawbones from taxidermy bucks. The mature bucks are the most important to have aged.
- Do your best to collect all data completely. Check udders thoroughly for lactation.
- Hunter observation data can provide useful information, especially in clubs with small harvest data sets. Ask your biologist about hunter observation books.