



MISSISSIPPI DEPARTMENT OF WILDLIFE,
FISHERIES, AND PARKS
MISSISSIPPI COOPERATIVE DEER MANAGEMENT ASSISTANCE
PROGRAM



Mathews Brake NWR Checklist for 2012

Data collection and return

Data returned on time	<u>Yes</u>
Jawbones cleaned and dried properly	<u>Yes</u>
Data sheets completed properly	<u>Yes</u>
Data sheets clean and legible	<u>Yes</u>
All jawbones collected and returned	<u>No</u>

Data was in good shape.

Thank you!

Harvest Summary

Bucks - Harvested 2- No buck fawns taken. Good job!

		2011	2007-2011
Total buck fawns harvested	0 (0%)		
Average wt of 1 1/2	<u>0</u>	↔ (0)	↔ (0)
Average wt of 2 1/2	<u>156</u>	↑ (154)	↓ (174)
Average wt of 3 1/2	<u>172</u>	↑ (0)	↑ (0)
Average wt of 4 1/2+	<u>0</u>	↓ (210)	↓ (210)
Average antler index 1 1/2	<u>0</u>	↔ (0)	↔ (0)
Average antler index 2 1/2	<u>63</u>	↑ (51)	↑ (52)
Average antler index 3 1/2	<u>54</u>	↑ (0)	↑ (0)
Average antler index 4 1/2+	<u>0</u>	↓ (78)	↓ (78)

Does - Recommended -15-20- Harvested 5

		2011	2007-2011
% of harvest does 3 1/2+ yr old	50%		
Average wt of 1 1/2	<u>0</u>	↓ (132)	↓ (132)
Average wt of 2 1/2	<u>136</u>	↑ (0)	↑ (113)
Average wt of 3 1/2+	<u>108</u>	↓ (128)	↓ (124)
Lactation of 1 1/2	<u>0</u>	↔ (0)	↔ (0)
Lactation of 2 1/2	<u>0</u>	↔ (0)	↔ (0)
Lactation of 3 1/2+	<u>0</u>	↓ (50)	↓ (50)

2013 - 2014 Harvest Recommendations:

This year's harvest does not provide enough data to analyze and draw accurate inferences from. Hopefully, hunters will take the DMAP min. of 10 does in the upcoming season. Both harvested bucks were 2 and 3-years old.

DMAP Harvest Report

Date 8/26/2013

*** MATHEWS BRAKE NWR ***

Club Number 'MS-5891'

2012 Season

County = Leflore
Soil Region = Delta
State = MS

Biologist = Lann Wilf

Acres = 2418
Years on DMAP = 3
% Data Collected = 85.7

Table 1. Harvest Summary

	Number Harvested	Acres/ Deer Harvested
Bucks	2	1209
Does	5	484
Totals	7	345

Table 2. Harvest History

	2012	2011	2010	D-WMA 2011	Club Avg
Acres	2418	2418	2418	177119	2418
Total Deer	7	5	5	1235	6
Bucks	2	3	1	558	2
Does	5	2	4	677	4
Acres/Deer	345	484	484	143	427
Bucks	1209	806	2418	317	1209
Does	484	1209	604	262	659

Table 3. Age Distribution

	Bucks		Does	
	Num	%	Num	%
Age				
0.5	0	0	1	25
1.5	0	0	0	0
2.5	1	50	1	25
3.5	1	50	0	0
4.5	0	0	2	50
5.5	0	0	0	0
6.5	0	0	0	0
7.5	0	0	0	0
8.5+	0	0	0	0
Totals	2		4	

DMAP Harvest Report

Date 8/26/2013

*** MATHEWS BRAKE NWR ***

Club Number 'MS-5891'

Table 4. Statistics for Doe Harvest

Age	Number Harvested	Average Live Weight	Percent Lactating
0.5	1	59	0
1.5	0	0	0
2.5	1	136	0
3.5	0	0	0
4.5	2	108	0
5.5	0	0	0
6.5	0	0	0
7.5	0	0	0
8.5+	0	0	0
Totals	4	103	

Table 5. Doe Harvest History

	2012	2011	2010	D-WMA 2011	Club Avg
Does	4	3	4	677	4
Acres/Doe	604	806	604	262	659
Doe Age-Wgt					
% 0.5	25	0	0	10	9
% 1.5	0	33	0	15	9
% 2.5	25	0	75	19	36
% 3.5+	50	67	25	38	45
Wght 0.5	59	0	0	75	59
Wght 1.5	0	132	0	112	132
Wght 2.5	136	0	113	119	119
Wght 3.5+	108	128	120	127	118
% Lactation					
1.5	0	0	0	7	0
2.5	0	0	0	45	0
2.5+	0	50	0	53	17
3.5+	0	50	0	57	25

DMAp Harvest Report

Date 8/26/2013

*** MATHEWS BRAKE NWR ***

Club Number 'MS-5891'

Table 6. Statistics for Yearling Bucks

	Number	Percent	Avg. Live Weight	Average Points
Spikes	0	0	0	0.0
Forks	0	0	0	0.0
Totals	0			

Table 7. Buck Statistics

Age	Live Weight		Points		Base		Length		Spread	
	Num	Avg	Num	Avg	Num	Avg	Num	Avg	Num	Avg
0.5	0	0	0	0.0	0	0.0	0	0	0	0.0
1.5	0	0	0	0.0	0	0.0	0	0	0	0.0
2.5	1	156	1	8.0	1	3.9	1	19.8	1	14.9
3.5	1	172	1	8.0	1	3.5	1	15.2	1	15.3
4.5	0	0	0	0.0	0	0.0	0	0	0	0.0
5.5	0	0	0	0.0	0	0.0	0	0	0	0.0
6.5	0	0	0	0.0	0	0.0	0	0	0	0.0
7.5	0	0	0	0.0	0	0.0	0	0	0	0.0
8.5+	0	0	0	0.0	0	0.0	0	0	0	0.0

DMAP Harvest Report

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*** MATHEWS BRAKE NWR ***

Club Number 'MS-5891'

Table 8. Buck Harvest History (All Bucks)

	2012	2011	2010	D-WMA 2011	Club Avg
Bucks	2	3	1	558	2
Acres/Buck	1,209	806	2,418	317	1209
% .5 Bucks	0	0	0	2.51	0
# .5 Bucks	0	0	0	14	0
Avg Weight	0	0	0	79	0
% 1.5 Bucks	0	0	0	16	0
# 1.5 Bucks	0	0	0	91	0
% Spikes	0	0	0	57	0
Avg Weight	0	0	0	135	0
Avg Points	0.0	0.0	0.0	3	0
Avg Base	0.0	0.0	0.0	2.3	0.0
Avg Length	0	0	0	6.9	0.0
Avg Spread	0.0	0.0	0.0	6.5	0.0
% 2.5 Bucks	50	67	100	19	66.7
# 2.5 Bucks	1	2	1	105	1.3
Avg Weight	156	154	193	166	164
Avg Points	8.0	8.0	8.0	7	8
Avg Base	3.9	3.1	3.0	3.5	3.3
Avg Length	19.8	16.4	16	15.5	17.1
Avg Spread	14.9	12.1	14.0	13.1	13.7
% 3.5 Bucks	50	0	0	23.5	17
# 3.5 Bucks	1	0	0	131	0
Avg Weight	172	0	0	190	172
Avg Points	8.0	0.0	0.0	8	8
Avg Base	3.5	0.0	0.0	4.1	3.5
Avg Length	15.2	0	0	18.1	15.3
Avg Spread	15.3	0.0	0.0	15.1	15.3
% 4.5+ Bucks	0	33	0	18	16.7
# 4.5+ Bucks	0	1	0	100	0.3
Avg Weight	0	210	0	214	210
Avg Points	0.0	8.0	0.0	8	8
Avg Base	0.0	5.0	0.0	4.6	5.0
Avg Length	0	25.1	0	20.2	25.1
Avg Spread	0.0	18.0	0.0	16.9	18.0

DMAP Harvest Report

Date 8/26/2013

*** MATHEWS BRAKE NWR ***

Club Number 'MS-5891'

Table 9. Estimated B&C Score

Age	Num	Estimated Non-typical B&C Score	Estimated Non-typical B&C Score at Maturity Minimum	Estimated Non-typical B&C Score at Maturity Maximum
2.5	1	116 3/8	151 2/8	189 3/8
3.5	1	95 2/8	104 5/8	121 2/8
4.5	0	NA	NA	NA
5.5+	0	NA	NA	NA

Table 10. Top Five Bucks

Rank	Estimated Non-typical B&C Score for Mathews Brake NWR		2011 Estimated Non-typical B&C Score for Delta	
	Score	Age	Score	Age
1	116 3/8	2.5	184 2/8	4.5
2	95 2/8	3.5	169 3/8	4.5
3			163 0/8	3.5
4			162 4/8	5.5
5			156 5/8	4.5

Report prepared by Lann Wilf

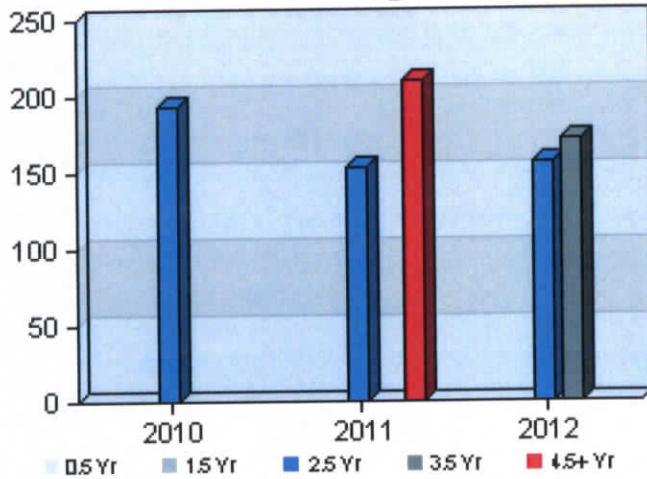
DMAP Harvest Report

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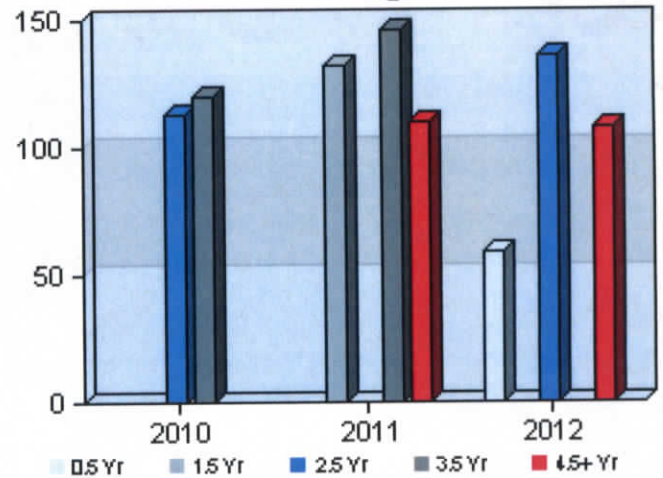
*** MATHEWS BRAKE NWR ***

Club Number 'MS-5891'

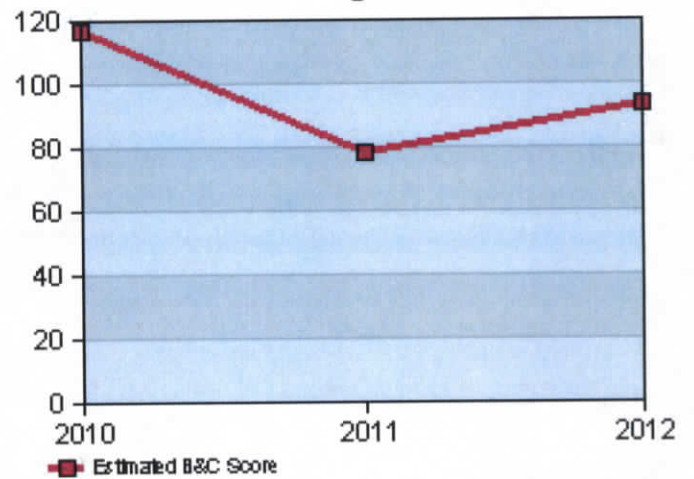
Buck Live Weights



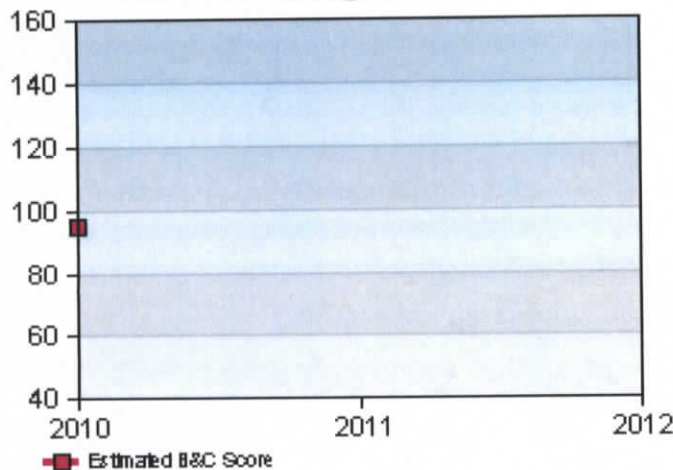
Doe Live Weights



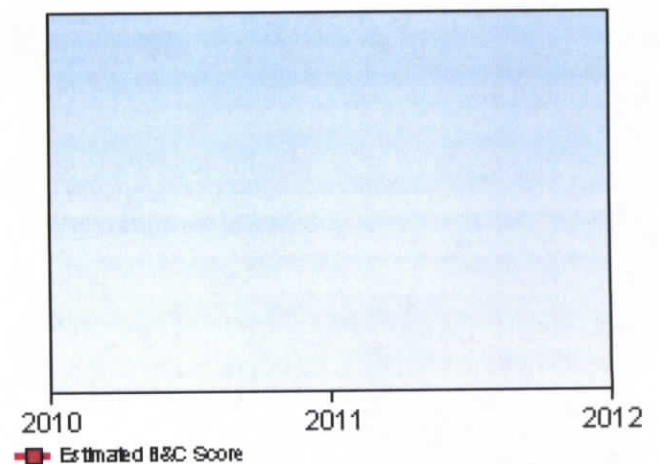
2.5 Year Old Average B&C Scores



3.5 Year Old Average B&C Scores



4.5 Year Old Average B&C Scores

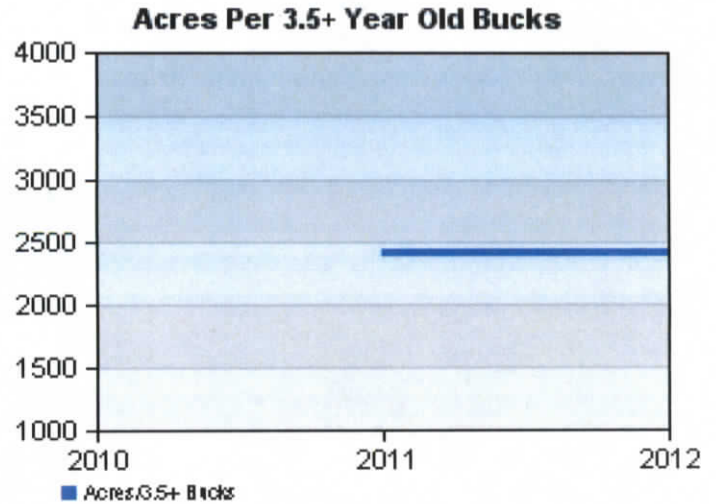
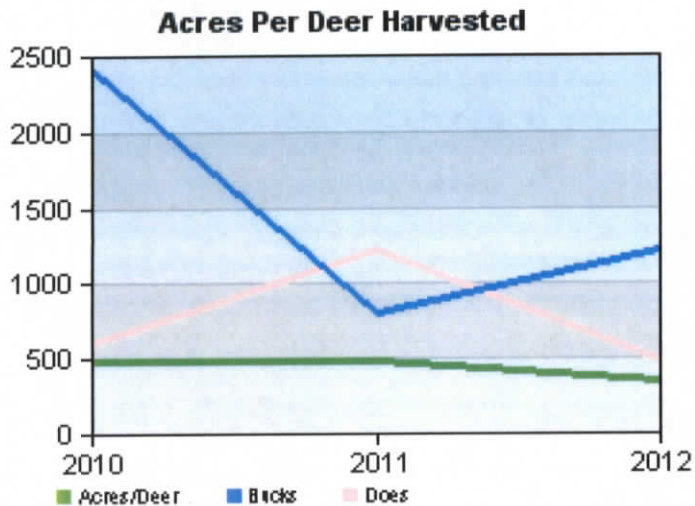
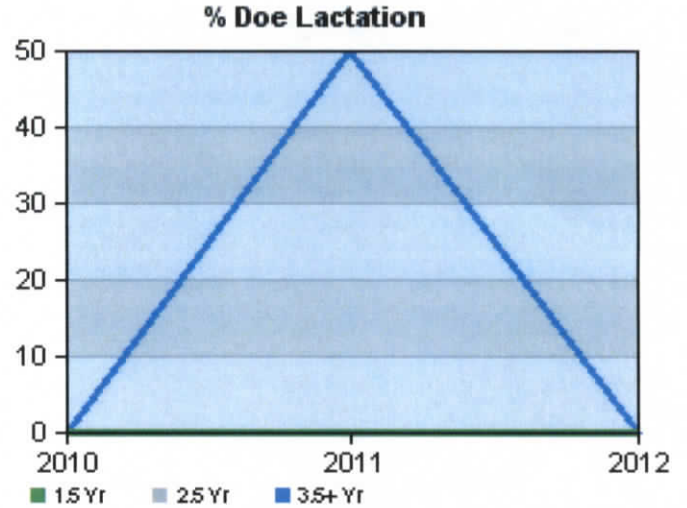
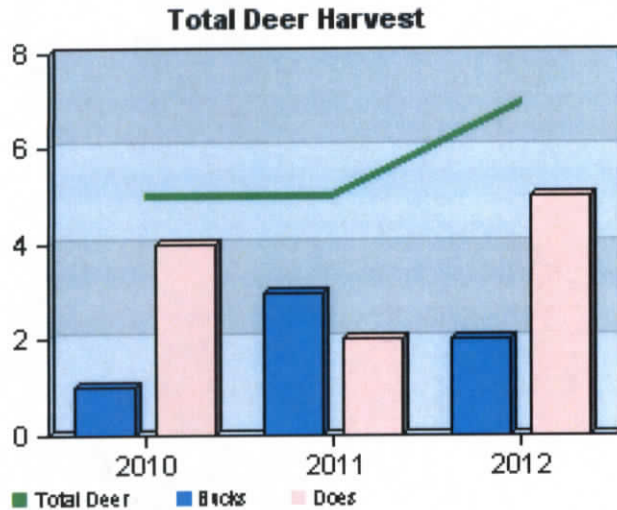
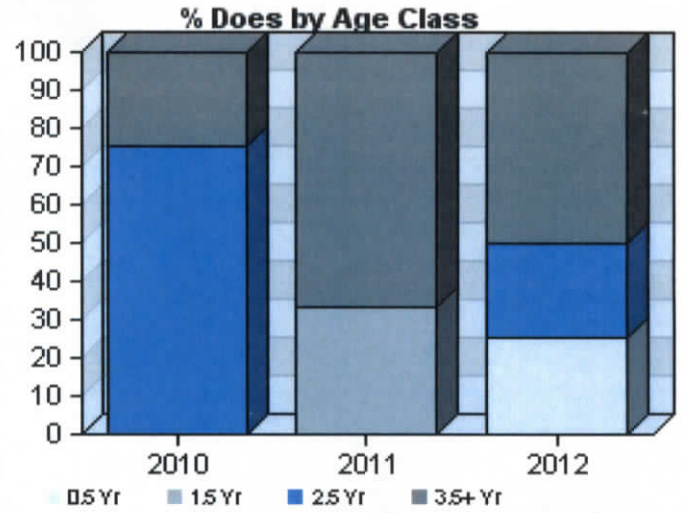
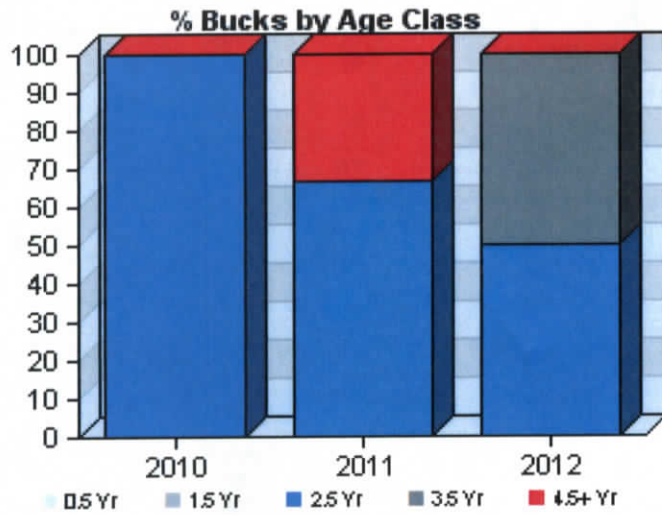


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DMAP Harvest Report

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*** MATHEWS BRAKE NWR ***

Club Number 'MS-5891'

Harvest Recommendations

Year	Doe	Buck	Obj.*	Spread	Beam	Buck Tags	Doe Tags
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2012	-	-	2				
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Criteria:

Instructions:

2011	-	-	2				
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2010	-	-	2				
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1. Harvest as many legal bucks as possible.
2. Harvest fewer but larger-antlered bucks.
3. Harvest a limited number of trophy bucks.

Landowner or Club

Mathews Brake NWB

Co-op#

Season

2012-2013

Pg.

of

1

For Office Use Only	DEER NUMBER	HARVEST DATE		SEX	WEIGHT		MILK PRESENT ?	ANTLER MEASUREMENTS					HOOF SLOUGHING	TAG NUMBER	COMMENTS
		Month	Day		Live	Dressed		# Points	Circumference Left	Right	Length Left	Right			
24	111	23		☐ Buck ☒ Doe	106		☐ Yes ☒ No								Trent Goss
24	110	09		☐ Buck ☒ Doe	98		☐ Yes ☒ No								Daniel Mitchell
2	310	21		☐ Buck ☒ Doe	136	98	☐ Yes ☒ No								Trent Goss
0	410	29		☐ Buck ☒ Doe	59		☐ Yes ☒ No								Trent Goss
4	510	06		☐ Buck ☒ Doe	110		☐ Yes ☒ No								Keith Smith
2	610	28		☐ Buck ☒ Doe	156		☐ Yes ☒ No	8	3 7/8	4	19 7/8	19 9/8	14 7/8		Patrick Griffin
3	710	15		☐ Buck ☒ Doe	172		☐ Yes ☒ No	8	3 1/2	3 1/2	15 1/2	15	15 1/4		Trent Goss
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