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

Mathews Brake NWR Checklist for 2013

Data collection and return

Data returned on time	Yes
Jawbones cleaned and dried properly	Yes
Data sheets completed properly	Yes
Data sheets clean and legible	Yes
All jawbones collected and returned	Yes

Data was in good shape.

Thank you!

Harvest Summary

Bucks - Harvested 5 – No buck fawns taken. Great job!

Total buck fawns harvested	**0** (0%)	2012	2008-2012
Average wt of 1 1/2	0	↔ (0)	↔ (0)
Average wt of 2 1/2	0	↓ (156)	↓ (168)
Average wt of 3 1/2	154	↓ (172)	↓ (172)
Average wt of 4 1/2+	195	↑ (0)	↓ (210)
Average antler index 1 1/2	0	↔ (0)	↔ (0)
Average antler index 2 1/2	0	↓ (63)	↓ (55)
Average antler index 3 1/2	52	↓ (54)	↓ (54)
Average antler index 4 1/2+	62	↑ (0)	↓ (78)

Does - Recommended -15-20 - Harvested 3

% of harvest does 3 1/2+ yr old	**0%**	2012	2008-2012
Average wt of 1 1/2	0	↔ (0)	↓ (132)
Average wt of 2 1/2	114	↓ (136)	↓ (124)
Average wt of 3 1/2+	0	↓ (108)	↓ (119)
Lactation of 1 1/2	0	↔ (0)	↔ (0)
Lactation of 2 1/2	50	↑ (0)	↑ (0)
Lactation of 3 1/2+	0	↔ (0)	↓ (50)

2014 - 2015 Harvest Recommendations:

This year's antlerless 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.

Antler dimensions for most harvested bucks averaged close to the recommended antler criteria of 15 or 18. Historically, 3-yr. olds have had antlers that easily met these criteria on average. I have recommended implementation of buck harvest

criteria requiring a minimum 15 inch inside spread or a minimum 18 inch main beam length to reduce confusion within the Delta, because all State owned WMAs in this region have implemented the same criteria. Also, this will recruit more bucks into older age classes and will reduce rut stress, improve breeding success, and facilitate the harvest of an older, larger animal.

DynamicPDF Generator evaluation version. DynamicPDF.com

DMAP Harvest Report

Date 5/15/2014

*** MATHEWS BRAKE NWR ***

2013 Season

Club Number 'MS-5891'

County = Leflore
Soil Region = Delta
State = MS

Biologist = Lann Wilf

Acres = 2418
Years on DMAP = 4
% Data Collected = 100

Table 1. Harvest Summary

	Number Harvested	Acres/ Deer Harvested
Bucks	5	484
Does	3	806
Totals	8	302

Table 2. Harvest History

	2013	2012	2011	2010	D-WMA 2012	Club Avg
Acres	2418	2418	2418	2418	174919	2418
Total Deer	8	7	5	5	1251	6
Bucks	5	2	3	1	544	3
Does	3	5	2	4	707	4
Acres/Deer	302	345	484	484	140	387
Bucks	484	1209	806	2418	322	879
Does	806	484	1209	604	247	691

Table 3. Age Distribution

	Bucks		Does	
Age	Num	%	Num	%
0.5	0	0	1	33
1.5	0	0	0	0
2.5	0	0	2	67
3.5	1	20	0	0
4.5	0	0	0	0
5.5	1	20	0	0
6.5	3	60	0	0
7.5	0	0	0	0
8.5+	0	0	0	0
Totals	5		3	

DynamicPDF Generator evaluation version. DynamicPDF.com

DMAP Harvest Report

Date 5/15/2014 *** 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	0	0	0	0.0	0	0.0	0	0	0	0.0
3.5	1	154	1	5.0	1	3.1	1	15.8	1	14.0
4.5	0	0	0	0.0	0	0.0	0	0	0	0.0
5.5	1	222	1	8.0	1	4.6	1	19	1	12.0
6.5	3	185	3	8.0	3	4.3	3	20.5	3	15.3
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

DynamicPDF Generator evaluation version. DynamicPDF.com

DMAP Harvest Report

Date 5/15/2014 *** MATHEWS BRAKE NWR *** Club Number 'MS-5891'

Table 8. Buck Harvest History (All Bucks)

	2013	2012	2011	2010	D-WMA 2012	Club Avg
Bucks	5	2	3	1	544	3
Acres/Buck	484	1,209	806	2,418	322	879
% .5 Bucks	0	0	0	0	1.1	0
# .5 Bucks	0	0	0	0	6	0
Avg Weight	0	0	0	0	71	0
% 1.5 Bucks	0	0	0	0	13	0
# 1.5 Bucks	0	0	0	0	71	0
% Spikes	0	0	0	0	47	0
Avg Weight	0	0	0	0	128	0
Avg Points	0.0	0.0	0.0	0.0	4	0
Avg Base	0.0	0.0	0.0	0.0	2.4	0.0
Avg Length	0	0	0	0	7.8	0.0
Avg Spread	0.0	0.0	0.0	0.0	7.2	0.0
% 2.5 Bucks	0	50	67	100	25	36.4
# 2.5 Bucks	0	1	2	1	138	1
Avg Weight	0	156	154	193	172	164
Avg Points	0.0	8.0	8.0	8.0	8	8
Avg Base	0.0	3.9	3.1	3.0	3.7	3.3
Avg Length	0	19.8	16.4	16	16.0	17.1
Avg Spread	0.0	14.9	12.1	14.0	13.7	13.7
% 3.5 Bucks	20	50	0	0	33.6	18
# 3.5 Bucks	1	1	0	0	183	0
Avg Weight	154	172	0	0	189	163
Avg Points	5.0	8.0	0.0	0.0	8	7
Avg Base	3.1	3.5	0.0	0.0	4.2	3.3
Avg Length	15.8	15.2	0	0	18.3	15.5
Avg Spread	14.0	15.3	0.0	0.0	15.2	14.6
% 4.5+ Bucks	80	0	33	0	16	45.5
# 4.5+ Bucks	4	0	1	0	87	1.2
Avg Weight	195	0	210	0	205	198
Avg Points	8.0	0.0	8.0	0.0	9	8
Avg Base	4.4	0.0	5.0	0.0	4.7	4.5
Avg Length	20.1	0	25.1	0	20.2	21.1
Avg Spread	14.2	0.0	18.0	0.0	17.0	15.2

DynamicPDF Generator evaluation version. DynamicPDF.com

DMAP Harvest Report

Date 5/15/2014 *** 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	0	NA	NA	NA
3.5	1	86 3/8	95 0/8	110 1/8
4.5	0	NA	NA	NA
5.5+	4	118 2/8	118 2/8	118 2/8

Table 10. Top Five Bucks

Rank	Estimated Non-typical B&C Score for Mathews Brake NWR		2012 Estimated Non-typical B&C Score for Delta	
	Score	Age	Score	Age
1	109 4/8	5.5	178 3/8	3.5
2	86 3/8	3.5	160 6/8	5.5
3			158 5/8	5.5
4			158 0/8	3.5
5			156 3/8	4.5

Report prepared by Lann Wilf

DynamicPDF Generator evaluation version. DynamicPDF.com

DMAP Harvest Report

Date 5/15/2014 *** MATHEWS BRAKE NWR *** Club Number 'MS-5891'

Report prepared by Lann Wilf

DynamicPDF Generator evaluation version. DynamicPDF.com

DMAP Harvest Report

Date 5/15/2014 *** MATHEWS BRAKE NWR *** Club Number 'MS-5891'

DynamicPDF Generator evaluation version. DynamicPDF.com

DMAP Harvest Report

Date 5/15/2014 *** MATHEWS BRAKE NWR *** Club Number 'MS-5891'

Harvest Recommendations

Year	Doe	Buck	Obj.*	Spread	Beam	Buck Tags	Doe Tags
2013	-	-	2				

Criteria:

Instructions:

2012	-	-	2				
2011	-	-	2				
2010	-	-	2				

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

Report prepared by Lann Wilf

5 Bucks 3 Does

Landowner or Club Mathews Co-op# MS-5891 Season _____ Pg. 1 of 1

For Office Use Only	DEER NUMBER	HARVEST DATE Month	HARVEST DATE Day	SEX	WEIGHT Live	WEIGHT Dressed	MILK PRESENT ?	ANTLER MEASUREMENTS # Points	Circumference Left	Circumference Right	Length Left	Length Right	Inside Spread	HOOF SLOUGHING	TAG NUMBER	COMMENTS
4	001	12	17	☑ 1 Buck ☐ 2 Doe		177	☐ 1 Yes ☐ 2 No	8	4	4 3/8	20	20 1/2	16 5/8			Sam Cade
5	002	12	18	☑ 1 Buck ☐ 2 Doe		173	☐ 1 Yes ☐ 2 No	8	4 1/2	4 3/4	18 1/2	19 1/2	12			Drew Standland
2	003	11	05	☐ 1 Buck ☑ 2 Doe	122		☑ 1 Yes ☐ 2 No									Leonard H.
2	004	12	24	☐ 1 Buck ☑ 2 Doe	106		☐ 1 Yes ☑ 2 No									Trent Goss
6	005	12	14	☑ 1 Buck ☐ 2 Doe	175		☐ 1 Yes ☐ 2 No	8	4 1/2	4 1/2	21 3/4	21				Brett McCool
3	006	12	17	☑ 1 Buck ☐ 2 Doe		120	☐ 1 Yes ☐ 2 No	5	3/8	3	15 1/2	16 1/8	14			Keith Smith
6	007	01	04	☑ 1 Buck ☐ 2 Doe		120	☐ 1 Yes ☐ 2 No	8	4 3/8	4 1/4	20 1/2	19	14			Alton Cade
0	008	11	24	☐ 1 Buck ☑ 2 Doe	78		☐ 1 Yes ☑ 2 No									Trent Goss
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									
				☐ 1 Buck ☐ 2 Doe			☐ 1 Yes ☐ 2 No									

Rev.06/06/05 TAK