



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



Morgan Brake NWR Checklist for 2013

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>Yes</u>

Data was in good shape.

Thank you!

Harvest Summary

Bucks - Harvested 22 – One buck fawn taken. Great job!

Total buck fawns harvested	1 (5%)	2012	2008-2012
Average wt of 1 1/2	<u>90</u>	↑(0)	↑(0)
Average wt of 2 1/2	<u>155</u>	↓(158)	↓(158)
Average wt of 3 1/2	<u>156</u>	↓(189)	↓(184)
Average wt of 4 1/2+	<u>185</u>	↑(183)	↓(189)
Average antler index 1 1/2	<u>39</u>	↑(0)	↑(0)
Average antler index 2 1/2	<u>56</u>	↑(54)	↑(52)
Average antler index 3 1/2	<u>57</u>	↓(70)	↓(61)
Average antler index 4 1/2+	<u>62</u>	↓(65)	↓(64)

Does - Recommended -45-55 - Harvested 19

% of harvest does 3 1/2+ yr old	50%	2012	2008-2012
Average wt of 1 1/2	<u>91</u>	↓(109)	↓(110)
Average wt of 2 1/2	<u>108</u>	↑(104)	↓(110)
Average wt of 3 1/2+	<u>117</u>	↓(126)	↓(124)
Lactation of 1 1/2	<u>0</u>	↓(20)	↓(20)
Lactation of 2 1/2	<u>20</u>	↓(67)	↓(67)
Lactation of 3 1/2+	<u>56</u>	↓(67)	↓(83)

2014 - 2015 Harvest Recommendations:

Antlerless harvest was stable this past season, which is acceptable. The harvest of one doe per 410 acres is less than optimal, but much improved over a doe per 1054 acres in 2010. Antlerless harvest has consistently improved each year, with this year's harvest being the best on record. The doe age structure is skewed toward older age classes, with 50% of the antlerless harvest being 3-yrs. old or older. This suggests chronic under harvest, stockpiling of older age class does, and a rapidly expanding deer herd. Body weights in the yearling age class were reduced by 18

pounds, which is troubling. This is likely related to the severe winter and some late EHD presence. Mature doe body weights were stable, which is logical, since EHD does not have as major of an impact on older deer. Lactation is problematic in adult doe age classes, but this is likely a function of voluntary data collection by the public. It would be a sound decision to provide more firearm opportunity in order to increase antlerless harvest. Harvest should be increased to a doe per 175 – 200 acres or 37 – 42 does, but this may not be feasible. Therefore, at least try to encourage hunters to maintain the current harvest of one doe/318 acres or about **18 – 22 does**.

Buck harvest was sound with 66% of harvested bucks being 3-years old or older, which is great for public land. Antler dimensions for these 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.

DMAP Harvest Report

Date 5/15/2014

*** MORGAN BRAKE NWR ***

Club Number 'MS-5902'

2013 Season

County = Leflore
Soil Region = Delta
State = MS

Biologist = Lann Wilf

Acres = 7381
Years on DMAP = 4
% Data Collected = 100

Table 1. Harvest Summary

	Number Harvested	Acres/ Deer Harvested
Bucks	22	336
Does	19	388
Totals	41	180

Table 2. Harvest History

	2013	2012	2011	2010	D-WMA 2012	Club Avg
Acres	7381	7381	7381	7381	174919	7381
Total Deer	41	27	42	25	1251	34
Bucks	22	16	28	18	544	21
Does	19	11	14	7	707	13
Acres/Deer	180	273	176	295	140	219
Bucks	336	461	264	410	322	351
Does	388	671	527	1054	247	579

Table 3. Age Distribution

	Bucks		Does	
Age	Num	%	Num	%
0.5	1	4	1	6
1.5	1	4	3	17
2.5	6	26	5	28
3.5	2	9	0	0
4.5	8	35	0	0
5.5	3	13	3	17
6.5	2	9	3	17
7.5	0	0	1	6
8.5+	0	0	2	11
Totals	23		18	

DMAP Harvest Report

Date 5/15/2014

*** MORGAN BRAKE NWR ***

Club Number 'MS-5902'

Table 4. Statistics for Doe Harvest

Age	Number Harvested	Average Live Weight	Percent Lactating
0.5	1	85	0
1.5	3	91	0
2.5	5	108	20
3.5	0	0	0
4.5	0	0	0
5.5	3	109	67
6.5	3	124	67
7.5	1	135	0
8.5+	2	109	50
Totals	18	108	

Table 5. Doe Harvest History

	2013	2012	2011	2010	D-WMA 2012	Club Avg
Does	18	11	14	7	707	12
Acres/Doe	410	671	527	1054	247	590
Doe Age-Wgt						
% 0.5	6	0	14	0	14	6
% 1.5	17	45	7	0	22	18
% 2.5	28	27	21	57	17	30
% 3.5+	50	27	57	43	40	46
Wght 0.5	85	0	75	0	70	80
Wght 1.5	91	109	111	0	109	103
Wght 2.5	108	104	105	122	115	110
Wght 3.5+	117	126	123	123	124	121
% Lactation						
1.5	0	20	0	0	10	11
2.5	20	67	67	67	51	50
2.5+	43	67	90	33	52	58
3.5+	56	67	100	0	53	64

DMAP Harvest Report

Date 5/15/2014

*** MORGAN BRAKE NWR ***

Club Number 'MS-5902'

Table 6. Statistics for Yearling Bucks

	Number	Percent	Avg. Live Weight	Average Points
Spikes	0	0	0	0.0
Forks	1	100	90	5.0
Totals	1			

Table 7. Buck Statistics

Age	Live Weight		Points		Base		Length		Spread	
	Num	Avg	Num	Avg	Num	Avg	Num	Avg	Num	Avg
0.5	1	70	1	0.0	1	0.0	1	0	1	0.0
1.5	1	90	1	5.0	1	3.5	1	10.2	1	10.0
2.5	6	155	6	8.2	6	3.8	6	16.9	6	14.8
3.5	2	156	2	8.5	2	3.3	2	17.2	2	15.5
4.5	8	185	8	8.1	8	4.4	8	18.8	8	15.1
5.5	3	203	3	8.7	3	5.0	3	21.6	3	15.3
6.5	2	160	2	8.5	2	3.5	2	18	2	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

DMAP Harvest Report

Date 5/15/2014

*** MORGAN BRAKE NWR ***

Club Number 'MS-5902'

Table 8. Buck Harvest History (All Bucks)

	2013	2012	2011	2010	D-WMA 2012	Club Avg
Bucks	23	16	20	18	544	19
Acres/Buck	321	461	369	410	322	383
% .5 Bucks	4	0	0	11	1.1	3.9
# .5 Bucks	1	0	0	2	6	0.75
Avg Weight	70	0	0	67	71	68
% 1.5 Bucks	4	0	0	0	13	1.3
# 1.5 Bucks	1	0	0	0	71	0.2
% Spikes	0	0	0	0	47	0
Avg Weight	90	0	0	0	128	90
Avg Points	5.0	0.0	0.0	0.0	4	5
Avg Base	3.5	0.0	0.0	0.0	2.4	3.5
Avg Length	10.2	0	0	0	7.8	10.3
Avg Spread	10.0	0.0	0.0	0.0	7.2	10.0
% 2.5 Bucks	26	19	35	22	25	26
# 2.5 Bucks	6	3	7	4	138	5
Avg Weight	155	158	149	166	172	156
Avg Points	8.2	5.7	7.4	8.0	8	8
Avg Base	3.8	3.9	3.4	3.6	3.7	3.6
Avg Length	16.9	16.6	14.9	15.8	16.0	15.9
Avg Spread	14.8	13.0	13.3	13.4	13.7	13.7
% 3.5 Bucks	9	62	45	39	33.6	36
# 3.5 Bucks	2	10	9	7	183	7
Avg Weight	156	189	180	184	189	183
Avg Points	8.5	9.4	8.1	8.3	8	9
Avg Base	3.3	4.9	4.3	4.1	4.2	4.4
Avg Length	17.2	21.3	16.6	18.1	18.3	18.7
Avg Spread	15.5	17.1	14.9	13.2	15.2	15.3
% 4.5+ Bucks	57	19	20	28	16	32.5
# 4.5+ Bucks	13	3	4	5	87	6.2
Avg Weight	185	183	199	185	205	187
Avg Points	8.3	9.0	9.3	7.4	9	8
Avg Base	4.4	4.4	4.5	4.4	4.7	4.4
Avg Length	19.3	20.4	20	20	20.2	19.7
Avg Spread	15.2	16.1	15.8	15.4	17.0	15.4

DMAP Harvest Report

Date 5/15/2014

*** MORGAN BRAKE NWR ***

Club Number 'MS-5902'

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	6	103 0/8	133 6/8	167 4/8
3.5	2	104 5/8	114 7/8	133 2/8
4.5	8	114 5/8	117 0/8	125 3/8
5.5+	5	122 1/8	122 1/8	122 1/8

Table 10. Top Five Bucks

Rank	Estimated Non-typical B&C Score for Morgan Brake NWR		2012 Estimated Non-typical B&C Score for Delta	
	Score	Age	Score	Age
1	137 5/8	5.5	178 3/8	3.5
2	136 0/8	5.5	160 6/8	5.5
3	123 7/8	4.5	158 5/8	5.5
4	123 7/8	4.5	158 0/8	3.5
5	123 3/8	4.5	156 3/8	4.5

Report prepared by Lann Wilf

DMAP Harvest Report

Date 5/15/2014

*** MORGAN BRAKE NWR ***

Club Number 'MS-5902'

DMAP Harvest Report

Date 5/15/2014

*** MORGAN BRAKE NWR ***

Club Number 'MS-5902'

DMAP Harvest Report

Date 5/15/2014

*** MORGAN BRAKE NWR ***

Club Number 'MS-5902'

Harvest Recommendations

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

Instructions:

2012	-	-	1				
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2011	-	-	1				
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2010			1				
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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.

22 Bucks (2 Nov, 20 Dec)
19 does (3 Oct, 5 Nov, 11 Dec)

Landowner or Club Morgan Brake NWB

Co-op# N5-5902

Season 2013-2014

Pg. 1 of

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		Length		Inside Spread			
	6	10	01	11	10	5	☐ Buck ☐ Doe									Donald Ross
	2	10	02	12	11		☐ Buck ☐ Doe	8	4	4	16	17	14 1/4			Jim Witley
	2	10	03	12	11		☐ Buck ☐ Doe									Heath Demick
	2	10	04	11	30		☐ Buck ☐ Doe	8	4	4	17 1/2	17 1/2	14 3/4			Cott Powell
	4	10	05	12	02		☐ Buck ☐ Doe	8	4 1/4	4 1/4	20 1/4	19 3/4	17			Deis Hill Jr.
	2	10	06	12	04		☐ Buck ☐ Doe									Rick Dillard
	0	10	07	12	10		☐ Buck ☐ Doe	8	4 1/4	4 1/2	17	18	15 1/2			John Davenport III
	2	10	08	12	11		☐ Buck ☐ Doe	✓	✓	✓	✓	✓	✓			David Taylor
	4	10	09	12	15		☐ Buck ☐ Doe	8	4	4	20 1/4	20 1/2	16 1/2			Brett McCol
	5	10	10	12	13		☐ Buck ☐ Doe	10	5	5	20	19	13			Todd Buck
	0	10	11	12	14		☐ Buck ☐ Doe	Button Head								Edgar Barrett
	1	10	12	12	14		☐ Buck ☐ Doe									TJ Conrad
	1	10	13	12	07		☐ Buck ☐ Doe	5	3.5	3.5	11.5	9	10	11 1/2		Edgar Barrett
	6	10	14	12	14		☐ Buck ☐ Doe									Mike Page
	2	10	15	12	07		☐ Buck ☐ Doe									Brandon Lunsford
	2	10	16	12	10		☐ Buck ☐ Doe									Jerry Caldwell
	3	10	17	12	14		☐ Buck ☐ Doe	8	3	3	17	18	16			Hunter Sumner
	7	10	18	10	11		☐ Buck ☐ Doe									Josh Carpenter
	4	01	19	12	14		☐ Buck ☐ Doe	8	4	4	20	20 1/4	14			Ray Barrett
	1	02	01	12	02		☐ Buck ☐ Doe									Ray Aycock

Landowner or Club Morgan Brake NWR

Co-op#

Season 2013-2014Pg. 2 of

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		Length		Inside Spread			
1 ✓	0281	11	03	☒ Buck ☐ Doe	90		☒ Yes ☐ No									Brett McNeal
6 ✓	0222	11	07	☒ Buck ☐ Doe		120	☐ Yes ☒ No	8	3 1/2	3 1/2	17	17 1/2	14 5/8			James Chambers
5 ✓	0223	12	03	☒ Buck ☐ Doe		90	☒ Yes ☐ No									William Carpenter
2 ✓	0224	12	24	☒ Buck ☐ Doe		175	☐ Yes ☒ No	7	3	3 1/2	15 1/2	18	14 1/2			Ricky Kypar
4 ✓	0225	12	07	☒ Buck ☐ Doe		185	☐ Yes ☒ No	8	8 1/2	4 1/4	18	18	17			Bradley Shake
4 ✓	0226	12	12	☒ Buck ☐ Doe		150	☐ Yes ☒ No	8	3 1/2	3 1/2	16	16	13			David Babin
4 ✓	0227	12	07	☒ Buck ☐ Doe		178	☐ Yes ☒ No	9	5	5	20	19.5	15 1/4			Andy Lloyd
8 ✓	0228	11	24	☒ Buck ☐ Doe		115	☐ Yes ☒ No	Blind -	Let hunter walk up to head - down							Brett McNeal
6 ✓	0229	12	05	☒ Buck ☐ Doe		165	☐ Yes ☒ No	9	3.5	3.5	19	18.5	16			Andy Lloyd
2 ✓	0230	12	08	☒ Buck ☐ Doe		82	☐ Yes ☒ No	8	3	3	15 1/2	16 1/2	14 1/2	✓		Gary Cranioe
5 ✓	0231	11	07	☒ Buck ☐ Doe		100	☐ Yes ☒ No									Blake Taylor
5 ✓	0232	12	07	☒ Buck ☐ Doe		157	☐ Yes ☒ No	8	5	4 3/4	22 1/2	22	17			Wayne Brasice
5 ✓	0233	11	03	☒ Buck ☐ Doe		110	☒ Yes ☐ No									Drew Baird
2	0234	10	20	☒ Buck ☐ Doe		106	☒ Yes ☐ No									Terry Tharp
4 ✓	0235	12	09	☒ Buck ☐ Doe		180	☐ Yes ☒ No		4	4	17 1/2	18	14 1/2			Henry Phillips Sr
5	0236	12	15	☒ Buck ☐ Doe		248	☐ Yes ☒ No	8	5	5	23 1/2	22 1/2	16			Wesley Wilson
4 ✓	0237	12	12	☒ Buck ☐ Doe		200	☐ Yes ☒ No	8	4 1/4	4 1/4	17 1/2	18 1/2	13 1/2			Colt Powell
2 ✓	0238	12	07	☒ Buck ☐ Doe		160	☐ Yes ☒ No	10	4	4	17 1/2	17	15			Carl Davis Jr
23 ✓	0239	12	05	☒ Buck ☐ Doe		152	☐ Yes ☒ No	9	3 1/2	3 1/2	17	17	15			Randy Lloyd
6 ✓	0240	10	18	☒ Buck ☐ Doe		120	☐ Yes ☒ No									Josh Carpenter

Landowner or Club Morgan Brake NW Co-op# _____ Season 2013 - 2014 Pg. _____ of _____

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		Length					Inside Spread
									Left	Right	Left	Right				
85	0411207			☒ Buck ☐ Doe	102		☒ Yes ☐ No								Ray Barnett	
				☐ Buck ☐ Doe			☐ Yes ☐ No									
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				☐ Buck ☐ Doe			☐ Yes ☐ No									
				☐ Buck ☐ Doe			☐ Yes ☐ No									
				☐ Buck ☐ Doe			☐ Yes ☐ No									