1985

Form D1 – Waterfowl Production Surveys

Units 1-24

Form D-1 Field Form Unit No. I

Observer: S. MacVean WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: MAY, 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back
1	71	5/22	212	Coot	10		X																X					6/19	X	8					
1	71	5/22	213	Coot	10		X																X					6/19						X	NOT LOCATED

Form D-1 Field Form Unit No. I

Observer: S. MacVean WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June, 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back
1	71	6/19	708	Coot	14		X																X				X	July 16	X	14					
1	59	6/20	163	Unk GW	7		X													X								" "	7						
1	57	6/20	164	Shoveller	9		X													X								"	8						AV Pred

Form D-1 **Field Form** Unit No. 2

Observer: ______ WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA **Year:** May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl. on back
2	73	5/22	57	Mallard	5	X	X													X	X						X	6/18		0					AV Pred

Form D-1 Field Form Unit No. 2

Observer: M. ERICKSON WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

Unit No.	Transect No.	First Observation				Nest Status							Cover Type															Fate							Remarks (No.& expl. on back
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
2	77	6/18	656	Unk.	2							X								X								7/23				X			SKUNK

Form D-1 Field Form Unit No. 3

Observer: Jason WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl on back
3	103	5/23	107	Gadwall	8	X														X						X		6/20	X	6				2	AV Pred
3	103	5/23	108	Gadwall	9	X													X									6/20	X	8				1	AV Pred
3	103	5/23	109	Mallard	8	X													X	X								6/20	X	5				3	11
3	103	5/23	110	Mallard	1					X										X								6/20				X		X	
3	103	5/23	111	GW Teal	5	X														X								6/20	X	11					
3	101	5/23	112	~~BW Teal~~ GADWALL	2	X														X									7						Check in July
3	101	5/23	113	~~UNK~~ GW Teal	2						X									X								6/20					X		
3	101	5/23	114	Mallard	4	X																		X				6/20	7						
3	101	5/23	115	Mallard	10		X													X								6/20	X	8				2	–
3	87	5/23	116	Mallard	8	X																	X					6/20	8						
3	87	5/23	117	Mallard	9	X																	X					6/21	8						
3	87	5/23	118	BW Teal	8	X														X								6/21					X		2 Eggs in H_2O
3	107	5/23	266	Mallard	8		X													X								6/20	X	7					
3	107	5/23	267	GW Teal	7		X	X												X								6/20						X	Not Located
3	105	5/23	268	Mallard	8		X													X								6/20	X	6					
3	105	5/23	269	GW Teal	10		X	X												X								6/20						X	Not Located
3	105	5/23	270	Pintail	6	X														X								6/20				X			
3	105	5/23	271	Mallard	3	X														X								6/20						X	Not Located
3	105	5/23	272	Mallard	9	X		X						X		X												6/20	X	4					2 Not Hatched
3	89	5/23	274	BW Teal	9		X													X								6/20	X	8					
3	83	5/24	124	Mallard	6	X														X								6/20						–	3
3	95	5/23	59	Mallard	7	X	X				X								X	X								6/20				X			unhatched
3	93	5/23	61	BW Teal	7					X		X								X								5/23			X		X		
3	99	5/23	216	Mallard	9		X													X								6/20				X			Skunk

Form D-1 S. MacVrain Field Form Unit No. 3

Observer: Jason WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
3	99	5/23	217	BW Teal	8		X													X							X	6/20					X		
3	97	5/23	219	BW Teal	7		X													X							X	6/20	X	7					
3	97	5/23	220	BW Teal	8		X													X							X	6/26						X	Not located

Form D-1 K. Crandall Field Form Unit No. 3

Observer: S MacVran Jason WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl. on back
3	85	6/21	714	BW/C Teal	9		X													X							X						X		hL
3	87	6/21	UNK	BW/C ~~Unk~~ Teal	3					X	X									X								Destroyed / Flooded							
3	87	6/21	716	Gadwall	9		X													X								7/23	9						
3	105	6/20	761	Mallard	7	X													X	X								7/23	9						
3	105	6/20	762	Gadwall	10		X												X	X								7/23	10		(avian?)				
3	95	6/20	763	Mallard	8.		X												X	X								7/23	5						
3	93	6/20	764	Pintail	6	X														X								7/23						X	found 3 whole eggs
3	103	6/20	555	Gadwall	7	X														X								7/23	9						
3	103	6/20	556	UNK	6	X														X								7/23							marsh Hawk
3	103	6/20	109	Mallard	8	X														X								6/20	X	5					
3	103	6/20	557	Gadwall	8.	X														X								6/23						X	
3	103	6/20	111	BW Teal	5.	X														X								6/20	X	11					
3	101	6/20	112	Gadwall	11.		X													X								?							
3	101.	6/20	558	Gadwall	9.	X											X											6/23	9						~~[illegible]~~k
3	101	6/20	559	Mallard	7.	X													X									6/23							Raven
3	101	6/20	115	Mallard																								6/20	X	8					
3	89	6/20	274	BW Teal																X								6/20	X	8					
3	99	6/20	547	BW Teal	10		X													X								7/23	16						
3	99	6/20	546	Mallard	10		X													X								7/23	10						
3	99	6/20	545	Mallard	5	X														X								7/23	5						

avian? most [illegible] Last [illegible] in

Form D-1 **Field Form** Unit No. 4

Observer: Jason WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back
4	111	5/22	103	BW Teal	0	X											X											6/19				X			Nest never built
4	111	5/22	104	Mallard	8	X											X											6/19						X	Wet down no shells
4	109	5/22	105	Mallard	9		X	X															X					6/19	X	9					~~[illegible]~~
4	109	5/22	106	GW Teal	7	X											X											6/16	X	7					

Form D-1 Field Form Unit No. 4

Observer: Jason WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

Unit No.	Transect No.	First Observation				Nest Status							Cover Type															Fate							Remarks (No.& expl on back
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No.Hatch.	Desert.	Destr.	Flooded	Unknown	
4	113	6/19	553	Mallard	8	X														X								6/20				X		X	

Form D-1 Field Form Unit No. 6

Observer: K. Crandall
Jason

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back
6	29	5/20	251	GW Teal	9		X										X			X								6/19				X			DOGS
6	31	5/20	252	Shoveller	8		X										X			X								6/19	X	8					
6	33	5/20	253	GW Teal	5	X								X														6/19	X	4					
6	33	5/20	254	Mallard	8		X													X								6/19	X	7					
6	35	5/20	255	Mallard	8		X													X								No						X	Not located
6	35	5/20	256	Mallard	6	X														X														X	Not located
6	35	5/20	257	Pintail	7		X													X								6/19	X	7					
6	35	5/20	258	Mallard	10		X													X								6/19	X	7					
6	35	5/20	259	Mallard	4	X														X								6/19	X	5					–
6	37	5/20	260	Mallard	4	X														X								6/20				X			DOGS
6	37	5/20	261	Mallard	6	X														X								"						X	
6	41	5/20	101	Mallard	3				X											X								"				X			Ra[illegible]
6	43	5/20	207	Coot	9		X																X					6/20						X	

Form D-1 Field Form Unit No. 6

Observer: MERRITT WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl. on back
6	31	6/19	556	BW Teal	9		X													X								7/17	9						
6	37	6/20	549	Mallard	8		X													X								7/17	.						AV Pred
6	37	6/20	548	Gadwall	9		X													X								7/17	9						
6	33	6/19	160	Mallard	8		X																					7/17	8						
6	35	6/19	161	Mallard	7		X													X								7/17	7						

Form D-1 K. Crandall Field Form Unit No. 7

Observer: D. Gomez, S. MacVean WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: MAY 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl on back
7	51	5/21	51	Coot	13		X			/										X							X	6/19						X	
7	63	5/21	206	Coot	0	X																	X				X	6/19						X	
7	55	5/21	262	Unk						X										X								6/20						X	
7	55	5/21	263	Unk						X										X								6/20						X	
7	57	5/21	264	Mallard			X	X												X								6/20	X	1					

Form D-1 M. Erickson Field Form Unit No. 7

Observer: S MacVean WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl. on back
7	63	6/20	709	BW Teal	7						X									X							X	6/20					X		
7	61	6/20	710	Mallard	5		X													X								July 16	X	5					
7	61	6/20	711	BW Teal	10		X													X								July 16	X	10					
7	43	6/20	712	Mallard	5		X							X														July 16	X	4				1	one unknown
7	65	6/19	659	Mallard	5	X														X								July 16	X	2				3	3 abandoned
7	53	6/19	660	UNK.	5		X													X												X			
7	57	6/20	165	Shoveller	7		X													X								7/16	X						

Form D-1 Field Form Unit No. 8

Observer: K. Crandell, D. Gunz

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: May 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
8	75	5/22	214	BW Teal	3					X										X								5/22				X			
8	81	5/23	58	Ruddy	12					X	X												X					5/23				X	X		

Form D-1 Field Form Unit No. 8

Observer: M. Erickson WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back
8	79	6/19	657	Gadwall	7		X	X						X														7/17	X	7			X		Eggs Gone [illegible]

Form D-1 Field Form Unit No. 9

Observer: S Mac Vean WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

Unit No.	Transect No.	First Observation				Nest Status							Cover Type															Fate							Remarks (No.& expl on back
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Gve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
9	87	5/23	119	Redhead	5	X																	X					6/21	X	6					
9	87	5/23	126	BW Teal	9		X													X								6/21	X	9					
9	87	5/23	121	Mallard	10		X																X					6/21	X	10					
9	85	5/23	122	Mallard	7	X										X												6/21	X	7					
9	85	5/23	123	BW Teal	9		X									X												6/21	X	2				7	
9	81	5/23	215	Ruddy	10		X													X								6/21	X	8				2	
9	97	5/23	219	Mallard	8		X												X									6/20	X	8					
9	95	5/23	60	Pintail	8		X							X														6/20	X	7				1	
9	91	5/23	273	UNK						X																		5/23				X			

Form D-1 Jason Field Form Unit No. 9

Observer: S. MacVean WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

K Crandall

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)	
9	85	6/21	715	Coot	6	X	X																X					7/17	6							
9	91	6/26	560	Mallard	9		X													X												X				*
9	89	6/20	561	Mallard	9		X													X												X				*
9	107	6/20	760	Coot	7		X													X								7/17	7							
9	99	6/20	544	Mallard	7	X														X								7/17						X		*
9	83	6/20	166	Bw Teal	8		X													X															hL	*

Form D-1 **Field Form** Unit No. 10

Observer: Jason K Crandall WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA **Year:** May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
10	113	5/24	126	BW Teal	7	X								X														6/19	X	4				3	GWL Prod
10	109	5/29	275	BW Teal	11		X	Y												X								6/19						X	
10	109	5/29	276	Mallard	8		X													X								6/20							off Transect

Form D-1 **Field Form** 10

Observer: K. Crandell WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Ix	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	N. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
10	109	6/19	756	BW Teal	2	X								X														7/16	3						
10	109	6/19	757	Mallard	9		X														X							7/16	8					1	
10	111	6/19	758	Gadwall	9		X	X						X														7/16	9						
10	121	6/19	759	Ruddy	6		X														X							7/16	5	1				1	

Form D-1 K. Crandall **Field Form** 11

Observer: Mrcrist Jason WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Ura	Dut	Jx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	N.Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl on back
11	129	5/21	4	Mallard	11		X							X														6/16	X	9				3	8. AU Prad
11	131	5/21	5	Bw Teal	9		X													X														X	NIT Locat
11	139	5/21	102	Mallard	7	X														X								6/18	X	7					
11	141	5/22	265	Bw Teal	8		X	X												X								6/18				X	X		AVIAN
11	139	5/21	102	Mallard	7	X								X													X	6/18					X		

Form D-1 **Field Form** 11

Observer: Jason WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Svc	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Flx	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	N. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
11	131	6/18	552	Mallard	7															X								6/18	X	7					

Form D-1 Field Form 12/

Observer: Merritt WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

Unit No.	Transect No.	First Observation				Nest Status							Cover Type																Fate							Remarks (No.& expl. on back
		Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dot	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
14	35	5/22	8	GW Teal	9		X																					6/18	X	7					
14	31	5/2	155	Shoveller																									X						5WSC hst
14	33	5/22	154	Mallard																									X						data

Form D-1 Field Form 14

Observer: ________ WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Oat	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	N. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
14	31	6-18	157	Gadwall	12		X							X														7/14				X			Avian Pred.
14	33	6-18	158	BW Teal	9		X							X														7/16	X	9					

Form D-1 Field Form 15

Observer: Merritt WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 85

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tia	Sva	Dike	Ditch	Flooded	Date	Hatched	No.Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl. on back)
15	49	5/22	6	Mallard	7	X														X								6/18	X	7					

Form D-1 Field Form 15

Observer: K. Crandall Jason WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 85

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Cx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	N. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
15	37	6/18	751	Shoveller	9		X													X								6/18				X			Skunk
15	39	6/18	752	Shoveller	3	X														X								"	X	7					
15	45	6/18	753	Coot	1	X															X							"						X	
15	51	6/18	754	Blw Teal	8		X													X								"	X	8					
15	51	6/18	755	Mallard	9		X												X	X								"	X	9					
15	41	6/18	551	Mallard	7	X														X								"	X	7					
15	49	6/18	6	Mallard	7															X								6/18	X	7					

Form D-1 **Field Form** 18

Observer: Merritt WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Gx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	N. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
18	95	5/24	10	Mallard	8	X																	X					6/18	X	8					
18	95	5/24	11	Mallard	10		X																X					7/16	4	6					AV. Pred
18	95	5/24	12	Mallard	7	X																	X					6/18	X	5					Avian Pred
18	95	5/24	13	Mallard	6	X																	X					6/18							AV. Pred

Form D-1 **Field Form** 18

Observer: Merritt WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	N.Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl. on back)
18	95	6/18	505	PinTail	9		X													X								7/16	9						
18	97	6/18	506	Gadwall	7	X														X								7/16	X	4				X	
18	97	6/18	507	Gadwall	9		X							X														7/16	9						

Form D-1 Field Form Unit No. 20

Observer: Merritt WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dat	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	N. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl on back)
20	27	5/20	1	Shoveller	10		X									X												6/17	X	9				X	

Form D-1 Field Form 20

Observer: Jason E. MacVean WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Svo	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	N. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back
20	23	6/17	701	Mallard	8		X													X								7/15	X6					1	A Pred

Form D-1 Field Form 21

Observer: S. Wilson Merritt WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Svc	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	N. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
21	41	5/21	151	Mallard	8		X							X														6/17	X	3				5	AV. Pred
21	41	5/21	152	Bw Teal	1	X								X																				X	Not loc.
21	45	5/21	2	Bw Teal	1	X														X								6/17						X	Not loc.
21	47	5/21	3	Pintail	10		X							X														6/17	X	10					

Form D-1 **Field Form** [illegible] 21

Observer: Merritt WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 1985

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Gx	Sve	Irx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tia	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
21	49	6/17	500	Gadwall	8	X								X														7/15				✓			Avian Pred.

Form D-1 Field Form 17

Observer: S MacVean
D Gomez

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 85

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sve	Crx	Dat	Sx	Mof	Wx	Jba	Ca	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	N. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
17	73	5/22	209	Coot	1				X														X	X			X	6/19					X		
17	73	5/22	210	BW Teal	5					X										X								6/19				X			wrong
17	73	5/22	211	Mallard	4					X										X								6/19				X			
~~17~~	~~83~~	~~5/22~~	~~55~~	~~Mallard~~																															
17	83	5/22	55	Gadwall	1	X														X								6/18				X			
17	83	5/22	56	BW Teal	10		X													X								6/18						X	NOT located
17	87	5/26	201	Coot	10		X															X	X	X				6/18						X	Not located
17	83	5/20	202	Coot	13		X																X	X				6/18						X	Not located
17	83	5/20	203	Coot	9		X																X	X				6/18	X					X	assume
17	83	5/20	204	Coot	7	X																	X	X				6/18	X						assume
17	81	5/20	205	Coot	5	X																	X	X				6/18						X	Not located
17	81	5/20	206	Coot	7	X																	X	X				6/19						X	NOT located
17	79	5/21	52	BW Teal	1					X	X									X								5/21				X	X		

Form D-1 Field form 17

Observer: S MacVean / M. Erickson WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 85

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Ost	Ix	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl on back)
17	81	6/18	651	Gadwall	2	X														X								7/16	X	2					(1 broken before)
17	81	6/18	652	Gadwall	9		X													X								7/16	X	6					3 unhatched
17	81	6/18	653	BW Teal	9		X													X								7/16	X	9					
17	79	6/18	654	Mallard	6	X														X								7/16	X	6		?			lots of fragments
17	83	6/18	702	Mallard	4															X								6/18	X	4					
17	77	6/18	703	BW Teal	9		X													X								7/16	X	3	6				
17	75	6/18	704	Mallard	6	X														X								7/16			X				raven/crow
17	73	6/18	705	Mallard	7					X										X								6/18				X			SKUNK

Form D-1 Field Form 24

Observer: Merritt WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: June 85

		First Observation				Nest Status							Cover Type															Fate							
Unit No.	Transect No.	Date	Nest No.	Species	No. Eggs	Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Sx	Sva	Irx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	N.Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No.& expl on back
24	119	6-19	159	Mallard	7	X										X												7/15	7						
24	117	6-19	160	Teal	8	X								X														7/15	8						
24	121	6-19	520	Mallard	8		X							X														7/15			X				fox?

Form D-1 **Field Form** 24

Observer: D Gomez WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 85

Unit No.	Transect No.	First Observation: Date	Nest No.	Species	No. Eggs	Nest Status: Laying	Incub.	Covered	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dat	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Fate: Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
24	123	5/24	62	Coot	10		X													X								6/19			X				AV Pred
24	121	5/24	63	Coot	6	X														X								6/19	X	6					
24	121	5/24	64	BW Teal	9		X													X								6/19			X				Flooded
24	14	5/24	65	Mallard	7	X														X								6/19		5					AV Pred
24	115	5/24	125	Ruddy	8	X								X														6/19	X	4					AV Pred

Forms D-4 thru D6a

D4 - WPS Duck Nesting Transects Individual Unit Summary

D5-WPS Duck Nesting Transects Refuge Annual Summary

D6 - Calculations For Determination of Corrected Species Composition

D6A - Calculations for Determination of Ducks Produced by Species

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. I Recorder: MERRITT Year: 1985

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

		Nests							Primary Covery Type (No. of nests in each primary type)														
	Total Nests on Transects	No. Hatched	% Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard																						
Pintail																						
Gadwall																						
Shoveller	1	1	100												1							
Teal B-W & Cinn.																						
G-W Teal	1	1	100												1							
Ruddy																						
Unknown																						
Total	2	2	100												2							
Coot	3	2	66															3				

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 2 Recorder: MERRITT Year: 1985

Transect Coverage in % 100 (All transects=100%, every other transect = 50%, etc.)

		Nests							Primary Covery Type (No. of nests in each primary type)													
	Total Nests on Transects	No. Hatched	% Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	1	0	0												1							
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown	1	0	0												1							
Total	2	0	0												2							
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 3 **Recorder:** MERRITT **Year:** 1985

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

	Total Nests on Transects	Nests		No. Deserted	No. Destroyed	No. Flooded	Unknown	Primary Covery Type (No. of nests in each primary type)														
		No. Hatched	% Hatched					Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	20	14	70		3	1	2		3		1				13			2	1			
Pintail	2	0	0		1		1								2							
Gadwall	9	7	78		1		1							1	8							
Shoveller																						
Teal B-W & Cinn.	11	5	45			5	1								11							
G-W Teal	4	1	25			2	1								4							
Ruddy																						
Unknown	1	0	0		1										1							
Total	47	27	57		6	8	6		3		1			1	39			2	1			
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 4 **Recorder:** MERRITT **Year:** 85

Transect Coverage in % ____ (All transects=100%, every other transect = 50%, etc.)

	Total Nests on Transects	Nests: No. Hatched	Nests: % Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Primary Covery Type (No. of nests in each primary type): Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	3	1	33		1		1								1	1		1				
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.	1	0	0		1											1						
G-W Teal	1	1	100													1						
Ruddy																						
Unknown																						
Total	5	2	40		2	~~[illegible]~~	1								1	3		1				
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 7 Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%, etc.)

	Total Nests on Transects	Nests: No. Hatched	Nests: % Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type): Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	4	4	100						1						3							
Pintail																						
Gadwall																						
Shoveller	1	1	100												1							
Teal B-W & Cinn.	2	1	50			1									2							
G-W Teal																						
Ruddy																						
Unknown	3				1		2								3							
Total	10	6	60		1	1	2		1						9							
Coot	2						2											2				

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 6 Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%, etc.)

	Total Nests on Transects	Nests: No. Hatched	Nests: % Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type): Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	11	5	45		3		3								11							
Pintail	1	1	100												1							
Gadwall	1	1	100												1							
Shoveller	1	1	100												1							
Teal B-W & Cinn.	1	1	100												1							
G-W Teal	2	1	50		1				1						1							
Ruddy																						
Unknown																						
Total	17	10	59		4		3		1						16							
Coot	1						1											1				

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 8 Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

	Total Nests on Transects	Nests: No. Hatched	Nests: % Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type): Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard																						
Pintail																						
Gadwall	1	1	100						1													
Shoveller																						
Teal B-W & Cinn.	1	0	0		1										1							
G-W Teal																						
Ruddy	1	0	0		1													1				
Unknown																						
Total	3	1	33		2				1						1			1				
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 9 Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

	Total Nests on Transects	Nests: No. Hatched	Nests: % Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type): Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	6	4	67		2						1			1	3			1				
Pintail	1	1	100						1													
Gadwall																						
Shoveller																						
Teal B-W & Cinn.	3	2	67		1										3							
G-W Teal																						
Ruddy	1	1	100												1							
Redhead	1	1	100															1				
Unknown	1	0	0		1											1						
Total	13	9	69		4				1		1			1	7	1		2				
Coot	2	2	100												1			1				

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 10 Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

	Total Nests on Transects	Nests		No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type)													
		No. Hatched	% Hatched						Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	2	1	50				1								1	1						
Pintail																						
Gadwall	1	1	100						1													
Shoveller																						
Teal B-W & Cinn.	3	2	67				1		2						1							
G-W Teal																						
Ruddy	1	1	100													1						
Unknown																						
Total	7	5	71				2		3						2	2						
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 11   Recorder: MERRITT   Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

	Total Nests on Transects	Nests: No. Hatched	Nests: % Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type): Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	4	3	75			1			2						2							
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.	2	1	50		1										2							
G-W Teal																						
Ruddy																						
Unknown																						
Total	6	4	67		1	1			2						4							
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 14 **Recorder:** MERRITT **Year:** 85

Transect Coverage in % 100 **(All transects=100%, every other transect = 50%, etc.)**

	Total Nests on Transects	Nests		No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type)													
		No. Hatched	% Hatched						Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Swa	Dike	Ditch	Flooded
Mallard	1	1	100						1													
Pintail																						
Gadwall	1	0	0		1				1													
Shoveller	1	1	100												1							
Teal B-W & Cinn.	1	1	100												1							
G-W Teal	1	1	100												1							
Ruddy																						
Unknown																						
Total	5	4	80		1				2						3							
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 15 Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%, etc.)

	Total Nests on Transects	Nests: No. Hatched	% Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type): Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	4	4	100												4							
Pintail																						
Gadwall																						
Shoveller	2	1	50		1										2							
Teal B-W & Cinn.	1	1	100												1							
G-W Teal																						
Ruddy																						
Unknown																						
Total	7	6	86		1										7							
Coot	1						1									1						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 17 Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

	Total Nests on Transects	Nests		No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type)													
		No. Hatched	% Hatched						Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	5	1	20	1	2		1								5							
Pintail																						
Gadwall	3	2	67			1									3							
Shoveller																						
Teal B-W & Cinn.	5	2	40		3										5							
G-W Teal																						
Ruddy																						
Unknown																						
Total	13	5	38	1	5	1	1								13							
Coot	7	2	29			1	4											7				

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 18 **Recorder:** MERRITT **Year:** 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

	Total Nests on Transects	Nests: No. Hatched	Nests: % Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type): Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	4	3	75		1													4				
Pintail	1	1	100												1							
Gadwall	2	2	100						1						1							
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	7	6	86		1				1						2			4				
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 20 **Recorder:** MERRITT **Year:** 85

Transect Coverage in % 100 **(All transects=100%, every other transect = 50%,etc.)**

	Total Nests on Transects	Nests		No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Primary Covery Type (No. of nests in each primary type)													
		No. Hatched	% Hatched						Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	1	1	100												1							
Pintail																						
Gadwall																						
Shoveller	1	1	100								1											
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	2	2	100								1				1							
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 21 Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%, etc.)

		Nests							Primary Covery Type (No. of nests in each primary type)													
	Total Nests on Transects	No. Hatched	% Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	1	1	100						1													
Pintail	1	1	100						1													
Gadwall	1				1				1													
Shoveller																						
Teal B-W & Cinn.	2				1		1		1						1							
G-W Teal																						
Ruddy																						
Unknown																						
Total	5	2	40		2		1		4						1							
Coot																						

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 24 **Recorder:** MERRITT **Year:** 85

Transect Coverage in % 100 (All transects=100%, every other transect = 50%,etc.)

	Total Nests on Transects	Nests: No. Hatched	Nests: % Hatched	No. Deserted	No. Destroyed	No. Flooded	Unknown	Primary Covery Type (No. of nests in each primary type): Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	3	2	67		1				1		1				1							
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.	2	1	50		1				1						1							
G-W Teal																						
Ruddy	1	1	100						1													
Unknown																						
Total	6	4	67		2				3		1				2							
Coot	2	1	50		1										2							

*Obtain data from Field Form D-1

Form D-5

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----REFUGE ANNUAL SUMMARY*

Recorder: MERRITT Year: 85

Transect Coverage in % 100 (All transects 100%, every other transect 50%, etc.)

Species	(1) No. Nests on transect (2) % Refuge total (3) No. Nests Hatched	1	2	3	4	5	6	7	8	9	10	11	14	15	16	17	18	19	20	21	22	23	Total	%
Mallard	(1)		1	20	3		11	4		6	2	4	1	4		5	4		1	1		3	71	
	(2)																							63
	(3)		0	14	1		5	4		4	1	3	1	4		1	3		1	1		2	45	
Pintail	(1)			2			1			1							1			1			6	
	(2)																							83
	(3)			0			1			1	1						1			1			5	
Gadwall	(1)			9			1		1		1		1			3	2			1			19	
	(2)																							74
	(3)			7			1		1		1		0			2	2			0			14	
Shov.	(1)	1					1	1					1	2					1				7	
	(2)																							86
	(3)	1					1	1					1	1					1				6	
B-W & Cinn. Teal	(1)			11	1		1	2	1	3	3	2	1	1		5				2		2	35	
	(2)																							49
	(3)			5	0		1	1	0	2	2	1	1	1		2				0		[illegible]	17	
G-W Teal	(1)	1		4	1		2						1										9	
	(2)																							56
	(3)	1		1	1		1						1										5	
Redhead	(1)																					1		
	(2)																							
	(3)																						1	
Ruddy	(1)								1	1	1											1	4	
	(2)																							75
	(3)									1	1											1	3	
REDHEAD	(1)								0	1													1	
	(2)																							100
	(3)									1													1	
	(1)																							
	(2)																							
	(3)																							
Unknown	(1)		1	1				3		1													6	
	(2)																							0
	(3)		0	0				0		0													0	
Total	(1)																							
	(2)																							
	(3)																							
Coot	(1)	3					1	2		2				1		7						2	18	
	(2)																							33
	(3)	2					0	0		2				0		2						1	6	

* Obtain data from Summary Form D-4

Total Duck Nests = 158
" Coot " = 18
176

1985 *
MERRITT

Form D-6

CALCULATIONS FOR DETERMINATION OF CORRECTED SPECIES COMPOSITION

(1)	Species Composition of Transect Data			Species Composition of Breeding Population				Corrected Sp. Comp. of Nests	
Species	(2) No. Nests From Form D-5)	(3) Sp. Comp. Known Nests in %	(4) Weight (Col. 3 x Col. 2	(5) No. Breeding Ducks	(6) Sp. Comp. in %	(7) Weight (Col. 6 x 1)	(8) Weight (Col. 4 + Col. 7)	(9) Sp. Comp. in % (Col. 8 / 3)	(10) Sp.Comp. in Nos. (Col. 9 x total
Mallard	71	44.9	89.8	4900	47.8	47.8	137.6	45.9	2610
Pintail	6	3.8	7.6	500	4.9	4.9	12.5	4.2	239
Gadwall	19	12.0	24.0	1600	15.6	15.6	39.6	13.2	751
Shoveller	7	4.4	8.8	1200	11.7	11.7	20.5	6.8	387
Cinn.Teal	35	22.2	44.4	1500	14.6	14.6	59.0	19.7	1120
G.W. Teal	9	5.7	11.4	300	2.9	2.9	14.3	4.8	273
Redhead	1	0.6	1.2	200	1.9	1.9	3.1	1.0	57
Ruddy	4	2.5	5.0	50	0.5	0.5	5.5	1.8	102
(Total)	152								
Unknown	6							2.6	148
TOTAL	158	100	200	10,250	100%	100%	300	100	5687
Coot	18								

MV Duck Production – 1985

MERRITT

Form D-6a

CALCULATIONS FOR DETERMINATION OF DUCKS PRODUCED BY SPECIES

Species	(10) Sp. Comp. in Nos. (Col. 9 x total	Hatching Success of Nests: (11) No. Nests Hatched on Transects (From Form D-5)	Hatching Success of Nests: (12) Hatching Success in % $\left(\frac{\text{Col.11}}{\text{Col. 2}}\right)$	Hatching Success of Nests: (13) Total Nests Hatched (Col. 10 x Col.12)	Average Class IIc & III Broods: (14) No. Broods Recorded (From Form D-3)	Average Class IIc & III Broods: (15) No. Ducklings Recorded (From Form D-3)	Average Class IIc & III Broods: (16) Average Brood Size $\left(\frac{\text{Col.15}}{\text{Col.14}}\right)$	Sp.Comp.of Ducks Produced to Flight Age: (17) No. Ducks Produced (Cols.13 x 16)	Sp.Comp.of Ducks Produced to Flight Age: (18) Sp. Comp. in %
Mallard	2610	45	.63	1644	16	104	6.5	10,686	41.7
Pintail	239	5	.83	198	10	76	7.6	1,505	5.9
Gadwall	751	14	.74	556	15	122	8.1	4504	17.6
Shoveller	387	6	.86	333	10	78	7.8	2597	10.1
B.W. Teal									
Cinn. Teal	1120	17	.49	549	14	103	7.4	4063	15.9
G.W. Teal	273	5	.56	153	6	54	9.0	1377	5.4
Redhead	57	1	1.00	57	8	63	7.9	450	1.8
Ruddy	102	3	.75	76	11	61	5.5	418	1.6
Unknown	148		0	0				0	
TOTAL	5687	96	$\bar{x}$ .65	3566	90	661	$\bar{x}$ 7.5	25,600	100
			weighted figure				weighted figure		

Alamosa Duck Production with Map

ALAMOSA DUCK PRODUCTION

1985

SPECIES	NORTH	MIDDLE	SOUTH	TOTAL
Mallard	369	722	121	1,212
Gadwall	515	946	171	1,632
BW/C Teal	519	974	186	1,679
Pintail	107	227	26	360
Redhead	193	369	55	617
G.W. Teal	41	131	0	172
Shoveler	75	150	0	225
Ruddy	31	73	22	126
			TOTAL	6,023

Notes:

1) Overall production dropped 26% from 1984.

2) There was a significant decline in nesting on the south section which is probably the result of flooding.

ALAMOSA DUCK PRODUCTION - 1985

NORTH SECTION

SPECIES	No. Broods Seen	X 3(1/3 Seen)	X 1.67(60% Sample)	X Avg. Brood Size	= TOTAL
Mallard	11	33	55.11	6.7	369
Gadwall	13	39	65.13	7.9	515
BW/C Teal	14	42	70.14	7.4	519
Pintail	3	9	15.03	7.1	107
Redhead	5	15	25.05	7.7	193
G.W. Teal	1	3	5.01	8.2	41
Shoveler	2	6	10.02	7.5	75
Ruddy	1	3	5.01	6.1	31
				TOTAL	1,850

ALAMOSA DUCK PRODUCTION - 1985

MIDDLE SECTION

SPECIES	No. Broods Seen	X 3(1/3 Seen)	X 1.33(75% Sample)	X Avg. Brood Size	= TOTAL
Mallard	27	81	107.73	6.7	722
Gadwall	30	90	119.7	7.9	946
BW/C Teal	33	99	131.67	7.4	974
Pintail	8	24	31.92	7.1	227
Redhead	12	36	47.88	7.7	369
G.W. Teal	4	12	15.96	8.2	131
Shoveler	5	15	19.95	7.5	150
Ruddy	3	9	11.97	6.1	73
				TOTAL	3,592

ALAMOSA DUCK PRODUCTION - 1985

SOUTH SECTION

SPECIES	No. Broods Seen	X 3(1/3 seen)	X 1.2(85% Sample)	X Avg. Brood Size	= TOTAL
Mallard	5	15	18	6.7	121
Gadwall	6	18	21.6	7.9	171
BW/C Teal	7	21	25.2	7.4	186
Pintail	1	3	3.6	7.1	26
Redhead	2	6	7.2	7.7	55
G.W. Teal	0	0	0	8.2	0
Shoveler	0	0	0	7.5	0
Ruddy	1	3	3.6	6.1	22
				TOTAL	581

ALAMOSA 1985

SPECIES COMPOSITION:

SPECIES	PERCENT OF BREEDING POPULATION	PERCENT OF PRODUCTION
Mallard	18.7	20.7
Gadwall	16.4	26.4
Pintail	5.8	5.6
BW/C Teal	27.9	27.4
G. W. Teal	7.0	3.8
Shoveler	18.6	3.8
Redhead	4.7	10.4
Ruddy	0.9	1.9

BROOD DATA:

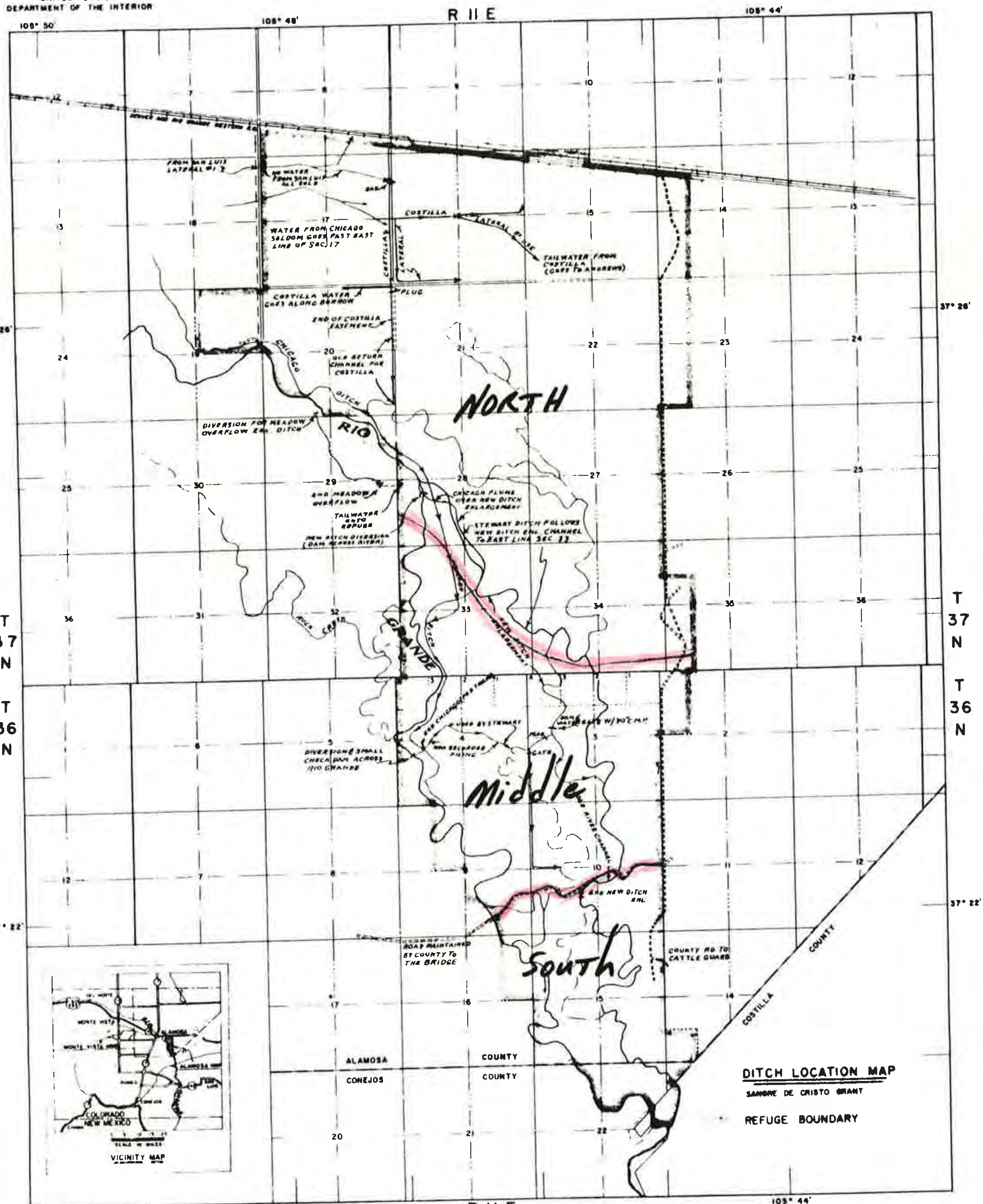
SPECIES	TOTAL BROODS (COUNT + ESTIMATE)	AVERAGE BROOD SIZE
Mallard	190	6.7
Gadwall	205	7.9
Pintail	49	7.1
BW/C Teal	226	7.4
G.W. Teal	28	8.2
Shoveler	31	7.5
Redhead	83	7.7
Ruddy	19	6.1
TOTAL	831	TOTAL $\overline{x}$ 7.3 (unweighted)

ALAMOSA NATIONAL WILDLIFE REFUGE

ALAMOSA AND COSTILLA COUNTIES, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE



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COMPILED IN THE BRANCH OF ENGINEERING FROM B L M SURVEYS AND AERIAL PHOTOGRAPHS
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ALBUQUERQUE NEW MEXICO APRIL 1962

NEW MEXICO PRINCIPAL MERIDIAN

Scale

TOWNSHIP DIAGRAM

MEAN DECLINATION 1960