1965

Form D1

Waterfowl Production Surveys

Units 1-23

Form D-1 Stratton & Espinosa — Field Form — UNIT 1 — MAY 12 & 13

Observer: K. Kang — WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA — Year: 1965

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
1	No	Nests	on	Transects																															
		Transect Marker Missing																																	
1	55	6-17-65	360	Ma	5		X										X			X							X	7-13-65	X	5					
1	56	6-17-65	359	Ma	5	X														X							X	7-13-65			X				
1	58	6-17-65	193	Mallard	5		X									X				X							X	7-13-65						X	X
1	65	6-17-65	197	Mallard	8		X													X							X		X	4					4 eggs not hatched
~~1~~	~~60~~	~~6-17-65~~	—	~~Pheasant~~	~~7~~	~~hatched~~																													
1	68	6-17-65	361	Shoveller	10		X										X									X		7-13	X	10					
1	69	6-17-65	362	Mallard	5		X													X						X		7-13	X	5					

Form D-1 Stratton & Espinosa

Field Form

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Observer: SHELDON WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

		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
2	81	13 MAY	202	PINTAIL	—					X						X												—							[illegible] [illegible]

Form D-1 Field Form

Observer: Stratton WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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~~	~~92~~	~~5/18/65~~	~~106~~	~~Mallard~~	~~3~~	X								X														6-17-65							RE-LISTED (STILL IN INCUBATION)
3	96	~~5/18/65~~	107	Unknown	0							X								X								6-18-65	X	?					
	~~87~~	~~6-17-65~~	~~263~~	Mallard	6		X							X						X							X	7-13-65	X	6					
	92	6-17/65	106	Ma	5		X							X																			X	X	
3	~~96~~	~~6-17-65~~	~~275~~	Gw	0					X	X									X							X								
3	~~97~~	~~6-17-65~~	~~276~~	Redhead	0					X	X									X							X								
	~~98~~	~~6-18-65~~	~~277~~	Ma	3	X														X							X	~~8-4-65~~	X	3					
	~~98~~	~~6-18-65~~	~~278~~	Vx	4											X												6-18-65	X	1	3				TOTAL HATCH Unk.
3	~~104~~	~~6-18-65~~	~~344~~	Mallard	11		X									X				X							X	7-14-65	X	8	3				
	~~105~~	~~6-18-65~~	~~345~~	Redhead	8		X													X							X	7-13	X	8					
3	95	5-18-65	279	Ma	3	X														X									X	8					

Form D-1 Field Form

Observer: Stratton Shelton WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965 4

Unit No.	Transect No.	First Observation				Nest Status							Cover Type														Fate							
		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	118	21 May	211	Ma	1					X					X												X								
4	124	21 May	216	Ma	1					X				X													X								
	109	6-22-65	370	Ct	11		X												X	(X)								7-14-65						X	X

Form D-1 Field Form

Observer: Bullard WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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	Gx	Gve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	
5	138	5/17	305	Mallard	6+					✓				✓																					
5	138	6-22-65	371	Mallard	10		X							X														7-14-65	X	10					

Form D-1 Field Form 6

Observer: D. R. Anderson WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

Unit No.	Transect No.	First Observation				Nest Status						Cover Type at nest														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	
6	31	5-12	1	Mallard	1	X														X								6-9			X	X			1 Note
6	31	5-12	2	Mallard	7	?	?													X								6-9				X			
6	33	5-12	3	Mallard	6	X														X								6-9	X						
6	35	5-13	4	? Pintail	6	X														X								6-10				X			
6	37	5-13	5	Pintail	6	X								X						X								6-10 7/7/65				X			2 Note
6	31	6-9	15	Mallard?	7-9														X									6-9	X						
6	33	6-9	16	Unknown	1	X								X		X												7/7/65	X						
6	34	6-9	17	Pintail	7		X									X			X	X								7/7/65	X						
6	37	6-10	18	Unknown	8		X													X								7/4/65			X				
6	39	6-10	19	Cinnamon Teal	10		X													X														X	
6	42	6-10	20	Unknown	4	X														X								7/7/65				X	X		Flooded

Form D-1 DARNELL & McARTHUR Field Form

Observer: Sheldon KING WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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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)
7	62	17 May	209	Pintail ✓	3	X											X				X							6-15-65	X	3					
7	65	17 May	210	TEAL ✓	0	NEW FORM						X					X											6-16-65						X	SEE NOTE ON BACK
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]															X															
7	57	5-15-65	151	MALLARD ✓	6		X							X														6-15-65						X	KING
7	42	6-14-65	271	GADWALL ✓	11															X								7-13-65	X	7	4				
7	45	6/14/65	Co	Coot —	3		X														X						X	6-14-65 7-13-65	X X	3 3					x 3 remain all hatched
7	45	6-14-65	272	Ma ✓	11		X													X								7-13						X	✓
7	46	6-14-65	Co	Coot —	9		X														X						X	7-13-65	X	9					
7	47	6-14-65	273	Ma ✓	8		X													X							X	7-13-65				X			X
7	52	6-15-65	274	Ma ✓	3	X															X						X	7-13-65			X				
7	54	6-15-65	354	Ma ✓	10		X													X	X					X		7-13-65	X	7					
7	55	6-15-65	355	Ma ✓																X								6-15-65	X					X	Vx 11 eggs hatched
7	63	6-15-65	356	Ma ✓	4	X														X							X	7-13-65			X				
7	64	6-16-65	357	Ma ✓	6		X														X					X		7-13-65						X	
7	65	6-16-65	358	Ma See Note on Back ✓	6		X										X							X				7-13-65						X	✓
7	45	7-13-65	325	Ma ✓	9		X													X								8-4-65	X						X

Pi 6 I Jba
Mb 6 I cf

Form D-1 Field Form

Observer: SHELDON WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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
8	77	13 May	203	Mallard	—					X										X															
8	77	"	204	Mallard	—					X										X															
~~8~~	~~81~~	~~"~~	~~Goose~~	~~Lay~~ ~~Scared~~	~~3~~	~~X~~	~~Nest with Shade~~																X											
8	79	"	205	Mallard	—		X			X						X				X															
8	76	14 May	206	Mallard	—					X										X															
8	76	14 May	207	Mallard	3	X	X													X								6-16-65				X			
8	73	14 May	208	Mallard	—					X										X			X												
8	81	6-15-65	188	Mallard	Ux	hatched														X							X	6-15	X	Ux					
~~8~~	~~72~~	~~6-15-65~~	~~192~~	~~Unknown~~	~~Ux~~					~~X~~				~~X~~																					
8	79	6-15-65	173	Mallard	7	X								X													X	8-4-65						X	
8	78	6-15-65	174	Mallard	7		X							X													X	8-4-65	X	7					
8	77	6-16-65	189	Mallard	Ux					X				X													X								
8	75	6-16-65	175	Mallard	9		X							X													X	7-13-65	X	9					
8	74	6-16-65	195	Mallard	5		X	X												X							X		X	5					
8	74	6-16-65	196	Mallard	6		X													X							X		X	6					
8	73	6-16-65	190	Mallard	4	X	X													X							X				X				
8	73	6-16-65	191	Mallard	3	X								X													X		X	3					
8	73	6-16-65	192	Mallard	7		X													X							X		X	7					

Form D-1 Darnell Charlie Bryant

Observer: Stratton

Field Form

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1965

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	86	5-20-65	253	UNK	0					X				X		X																			
9	89	5-20-65	108	Mallard	9	X								X													X	6-18-65						X	
9	90	5-20-65	109	Unknown	0					X										X							X								
9	93	5-20-65	110	Mallard	7		X							X													X	6-18-65	X	7					
9	93	5-20-65	111	Mallard	0							X																6-18-65						X	
9	93	5-20-65	112	Mallard	2	X														X							X	6-18-65			X		X		
9	93	5-20-65	113	Mallard	5		X													X							X	6-18-65	X	2					
9	94	5-20-65	114	Mallard	2	X														X							X	6-18-65	X	2					mallard incubating 9 eggs now.
9	92	5-20-65	264	MA	?					X										X							X								
9	92	5-20-65	255	MA	10		X													X							X	6-18-65	X	9					
9	95	5-20-65	256	MA	6	X								X			X										X	6-18-65	X	6					
9	98	5-21-65	115	Mallard	8		X													X							X	6-18-65			X		X		
9	99	5-21-65	257	MA	10		X							X			X										X	6-18-65	stiff egg	X		incubating, however,			only five See note on back
9	107	6-17-65	194	Unknown	9		X													X							X	7-13-65				X			
9	107	6-17-65	451	Mallard	7		X													X							X	7-14-65	X	3	4				
9	105	6-17-65	452	Mallard	Ux					X										X							X								
9	103	6-17-65	453	Ma	Ux		hatched													X							X		X	U					
9	101	6-17-65	454	Redhead	4	X														X							X	7-14-65						X	
9	100	6-17-65	198	Mallard	5				X		X			X													X								
9	100	6-17-65	199	Redhead	13		X													X							X	7-14-65	X	6	7				
9	100	6-17-65	200	Mallard	5		X													X							X	7-13-65	X	5					

Form D-1 Stratton + Observer: Espinosa

Field Form

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1965

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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	99	6-18-65	455	Mallard	6	X														X							X	7-13-65			X				
9	99	6-18-65	456	Teal Blue-winged	1	X														X							X	7-13-65			X				
9	95	6-18-65	457	Mallard	9		X													X							X	7-14	X	9					
9	95	6-18-65	458	Mallard	8		X													X							X	7-14	X	8					
9	95	6-18-66	459	Cinnamon	9		X							X		X				X							X	7-14	X	6					
9	95	6-18-65	460	Pintail	10									X		X											X	7-14	X	6					
9	93	6-18-65	461	Mallard	6	X								X		X											X	7-14				X			
9	94	6-18-65	401	Mallard	8		X													X							X	7-14	X	8					
9	94	6-18-65	402	Gadwall	8		X													X							X	7-14	X	5					
9	91	6-18-65	462	Mallard	11		X													X							X	7-14-65	X	11					
9	91	6-18-65	463	Mallard	Ux	hatched all but 2 eggs														X							X		X						
9	90	6-18-65	403	Redhead	3	X														X							X	7-14-65			X				
9	90	6-18-65	404	Mallard	9		X													X							X	7-14-65	X	8	1				
9	88	6-18-65	405	Redhead	4	X														X							X	7-13-65				X			
9	88	6-18-65	406	Pintail	7		X							X													X	7-13-65					X	X	
9	87	6-18-65	464	Mallard	7		X													X							X	7-13-65				X			
9	86	6-18-65	407	Unknown	Ux					X										X							X								

Form D-1 Field Form

Observer: Shelter WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

10

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	
10	117	21 May	212	Mu	12	X								X						X							X					X			at 11 AM 5 eggs at 4 pm one egg
10	111	"	213	Teal	1	X								X													X	6-28-65						X	
10	114	"	214	Ma	—					X				X																					
10	114	"	215	Ma	2	X								X														7-4-65						X	
	116		317	Ux																														?	

Form D-1 Darnell Stratton

Observer: _____

Field Form

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1965

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	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back)
11	129	5-25-65	900	Pintail	6		X							X														7-14-65	X	9					0
11	129	5-25-65	901	Cinnamon Teal	9		X													X							X	6-23-65			9				
11	135	5-25-65	265	Ma	7	X	X										X											6-23-65	X	7					
11	139	5-25-65	902	Mallard	Ux										X													"	X						
11	139	5-25-65	903	Unknown	2	X														X							X	6-23-65	?					X	NEST NOT FOUND
	133	6-23-65	372	Mallard	7		X							X						X							X	7-14-65			X				X
	133	6-23-65	273	Mallard	8		X							X						X							X	7-14-65	X	8					
	131	6-23-65	318	Redhead	12		X													X							X	7-14				X			
	132	6-23-65	319	MALLARD	4	X														X								7-14				X			X
11	137	6-23-65	320	MALLARD	12		X													X							X	7-14	X	10					
11	140	6-23-65	284	GADWALL	5		X													X							X	7-14-65	X	5					X LATH MARKED RM
	136	6-23-65	283	Ma	3		X													X								8-4-65	X	4	4				X

Form D-1 Stratton Field Form UNIT # 14 14

Observer: DARNELL WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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	Gx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Date	Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown		
14	32	5-11-65	521	Ma	1	X								X														6/8/65						X	CSU	MOORE STUDENTS
14	34	5-11-65	531	Ma	6		X												X						X			6/8/65	X	6					CSU	KRAUN
[illegible]																																				
14	26	6-8-65	366	Ma	0x					X				X																						
[illegible]																									X											
14	34	6-8-65	[redacted]	Coot	5	X														X							X	7- -65	X	5						

Form D-1 CSU STUDENTS SHELDON

Field Form

Unit No. 15 15

Observer: DARNELL McARTHUR

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1965

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)
15	39	5-11-65	557	MALLARD	8		X							X																				X	TO REES McMANN & LARSON
15	41	"	101	PINTAIL	7		X													X								6-9-65						X	STRATTON & KING
	43	"	201	MA	3	X								X														6-9-65	X	?	?				
	50	"	102	MA	8		X							X						X								6-10-65	X	8					STRATTON-KING
	51	5-11-65	103	MA	7		X							X						X								6-10-65	X	7					" "
	46	"	511	MA	13		X							X						X														X	0 AMES K.
	52	"	532	MA	8		X							X							X							7-5-65	8	8					0
15	40	6-9-65	267	MA	8		X							X					X										X	8					
15	40	6-9-65	268	MA	16															X							X	8-2-65						X	X
	43	6-9-65	269	UX	0					X				X														—							—
	44	6-9-65	355	Ma	7		X							X						X							X	8-2-65	X	7	7				
	44	5-11-55	501	Ma	9		X															X						6-9-65	X	4	5				1(500)
15	53	6-10-65	311	Ma						X									X																X
15	53	6-10-65	Co	Coot	11		X																X					7-6-65	X	11					
15	53	6-10-65	Co	Coot	6	X								X						X								8-2-65	X	5	1				X

[illegible]

Form D-1 DARNELL & McARTHUR, McCOLLUM Field Form 16

Observer: Butler WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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	
16		NO NESTS MAY SURVEY																																
16	68	6-14-65	312	GAdwall	7		X							X						X								8-5-65	X	12				X	
16	69	6/14/65	270	MA	1															X							X	7-6-65						X	X 270

Form D-1 Stratton & Espinosa

Field Form

UNIT 17

Observer: Bulen

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1965

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)
17	75	5/15/65	301	Mallard	7				X		X						✓											6-15-65		9				X	
	79	5/16	302	Pintail	8		X							✓														6-14-65	X	8					
	81	5/16	303	Mallard	7		X															✓						6-14-65	X	7					
	88	5/16	304	Mallard	8		X							✓								✓						6-14-65	X	8					
17	89	6-14-65	161	Mallard	Ux					X										X															
17	89	6-14-65	163	Cinnamon Teal	8		X													X								7-7-65	X	7					
17	88	6-14-65	175	Bw. Teal	11		X							X		X				X								7-7-65	X	10	1				
17	84	6-14-65	176	Mallard	?		hatched																						X						
17	84	6-14-65	177	Mallard	0				X		X																								
17	82	6-14-65	164	Gadwall	10		X													X								7-7-65	X	10					
17	80	6-14-65	178	Mallard	3	X														X								7-7-65	X	3					
17	80	6-14-65	179	Pintail	5	X														X								7-7-65	X	5					X
17	77	6-15-65	181	Unknown	Ux	hatched					X									X						X			X						
17	76	6-15-65	165	Mallard	7		X													X						X			X	7					
17	76	6-15-65	166	Mallard	5	X														X						X		8-3-65	X	10					X
17	75	6-15-65	167	Pintail	6		X													X						X		8-3-65						X	X
17	75	6-15-65	168	Mallard	8		X													X						X		7-7-65	X	8					
17	74	6-15-65	183	Cinnamon	10		X													X						X		8-3-65	X	10					X
17	74	6-15-65	184	~~Gadwall~~ Sh	2	X														X						X		8-3-65						X	X
17	74	6-15-65	185	Gw Teal	10		X													X						X						X			

Unit 17

Form D-1 Field Form

Observer: Stratton & Espinosa WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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	
17	74	6/15/65	186	Unknown	1	X														X							X	7-7-65				X			
17	74	6-15-65	187	Cinnamon	10	X														X							X	7-7-65	X	9					
17	73	6-15-65	169	Mallard	7		X													X							X	8-3-65	X	7					X
17	73	6-15-65	170	Mallard	Ux					X										X							X								
17	73	6-15-65	171	Gadwall	10		X													X							X	8-3-65						X	

Form D-1 Darnell

Observer: Stratton

Field Form

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1965

18

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	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back
18	105	5-21-65	116	Cinnamon Teal	8		X							X														6-21-65	X	8					
18	105	5-21-65	117	Mallard	6	X								X													X	6-21-65	X	2					4 STILL ENGGS
18	105	5-21-65	118	Mallard	6		X							X														6-21-65	X	6					
18	102	5-24-65	119	Mallard	10									X						X							X	6-21-65	X	9	1				
18	102	5-24-65	120	Mallard	7		X							X						X							X	6-21-65	X	3	4				
18	101	5-24-65	126	Unknown	Ux		X			X				X													X	6-21-65				X			DEST
18	101	5-24-65	127	Pintail	8		X							X													X	6-21-65	X	8					
18	100	5-24-65	128	Unknown	2				X		X	X		X						X							X	6-21-65			X				
18	100	5-24-65	130	Mallard	Ux							X							X								X							X	—
18	98	5-24-65	121	Mallard	6		X	X						X						X							X	6-21-65	X	3	3				
18	98	5-24-65	122	Mallard	9		X													X							X	6-21-65	X	9					
18	93	5-24-65	123	Mallard	7		X							X						X							X	6-21-65	X	3	4				
18	93	5-24-65	141	Pintail	4		X							X													X	6-21-65	X	4					
18	95	5-24-65	143	Mallard	7		X							X													X	6-21-65	X	3					JUST HATCHING
18	95	5-24-65	144	Cinnamon Teal	9		X													X							X	6-21-65	X	7	2				✓
18	99	5-24-65	259	UK	?0				X		X			X		X											X								~~DESTROYED~~
18	97	5-24-65	262	MA	2	X														X							X	7-8-65	X	5	2				~~DESTROYED~~
18	97	5-24-65	260	MA	0					X										X							X								~~DESTROYED~~
18	97	5-24-65	261	MA	8		X							X													X	6-21-65	X	7	1				
18	97	"	263	Ux	4					X				X													X								~~DESTROYED~~
18	92	5-24-65	124	Gadwall	8		X							X													X	6-21-65	X	6	2				
18	88	5-24-65	264	MA	9	X														X							X	6-18-65	X	6					
18	91	5-24-65	145	Mallard	9		X													X							X	6-21-65	X	9					

17

TRANSECT

23

Form D-1 DARNELL

Observer: [illegible]

Field Form

WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA

Year: 1965

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	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Remarks (No. & expl. on back
18	86	6-18-65	366	Redhead	11		X							X		X				X							X	7-7-65			X				X
18	89	6-21-65	313	Ux	~							X		X					X														X		
	89	6-21-65	314	CT	11		X													X						X		7-7-65	X	11					
18	91	6-21-65	280	CT	9		X													X								7-7-65	X	8	1				
18	94	6-21-65	315	Ma	7		X							X														7-8-65	X	7					
18	94	6-21-65	316	PI	5		X							X													X	7-8-65	X	5					
18	96	6-21-65	279	Ma	9		X													X							X	7-8-65						X	
18	97	6-21-65	367	Ma	8		X													X							X	7-8-65	X	8					
18	97	6-21-65	368	Ma	7		X							X					X								X	7-8-65	X	7					
18	98	6-21-65	369	Ma	14		X													X							X	7-8-65	X	9	5				
18	101	6-21-65	281	Rh	9		X													X								7-8-65	X	8	1				
18	102	6-21-65	282	MA	9		X													X							X	7-8-65	X	7					X
	99	7-8-65	381	Ma	10		X							X					X	X							X	8-3-65	X	5	5				
	96	7-8-65	382	Gadwall	10		X													X							X	8-3-65	X	9	1				
	97	7-8-65	383	Pintail	5		X													X							X	8-3-65	X	4	1				

Form D-1 DARNELL & McARTHUR Field Form UNIT 19

Observer: Stratton WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: May 12, 1965

Unit No.	Transect No.	First Observation				Nest Status						Cover Type														Fate							
		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
19	11	5-13-65	105	Mallard	0					X										X												X			—
	12	6-8-65	266	Mallard	7		X							X		X											X	7-6-65	X	5					X 266
	13	6-9-65	358	Mallard	6		X												X								X	7-6-65	X	6					

Form D-1 Stratton   Field Form   UNIT 2020

Observer: DARNELL   WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA   Year: 1965

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	
20		5-12-13		NO NESTS		ON TRANSECT																													
20	26	6-9-65	153	Mallard	8		X							X															X	8					
20	35	6-9-65	154	Mallard	4	X								X															X	4					

Form D-1 STRATTON & McCOLLUM Field Form UNIT 21

Observer: STUDENTS WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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
21	46	5-11-65	533	MA	7		X								X													6-9-65	X	7					
21	38	6-9-65	308	Sh	11		X													X								7-6-65	X	11					
21	44	6-9-65	155	Mallard	8		X							X														7-6	X	6					
21	48	6-9-65	156	Mallard	0									X						X								starting to build nest					X		X
	50	6-10-65	309	Ga	9		X							X														7-6	X	9					
	50	6-10-65	310	Sh	7		X													X								7-6	X	7					

Form D-1 Stratton + Espinosa

Field Form

UNIT 22

Observer: DARNELL WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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	
22	69	5/18/65	251	MAL.	10		X													X								6/14/65	X	10					
22	69	5/18/65	252	MALLARD	6		X													X								6/14/65	X	6					
																																			—
22	61	6/10/65	152	Mallard	9		X							X														7-7-65	X	8					
22	69	6/14/65	157	Unknown	1				X											X								7-7-65						X	—
22	71	6/14/65	158	Mallard	4	X														X								8-3-65	X	2	6				X
22	71	6/14/65	159	Mallard	Ux					X										X															—

Form D-1 Stratton & Espinosa Field Form 23

Observer: Bullen WATERFOWL PRODUCTION SURVEY DUCK & COOT NESTING DATA Year: 1965

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	
23				NO NESTS				ON					TRANSECT																						
23	75	6-14-65	160	Unknown	0				X		X									X							X								— ✓

Forms D2 & D3

D2: WPS – Wildlife Trend Data

D3 WPS – Duck Brood Sample Data

Form D-2
Unit No: 1

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Stratton & Espinosa 1

Obs: X. King

May 12 + 13
Year: 1965

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X X	60	6/17	7	X	7																		
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX	0	XXXXXXXX																									
G.H.Owl	X			XXXXX	0	XXXXXXXX																									
Magpie	X			XXXXX	1	XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX	~~HHI~~																									
Muskrat omit	X			XXXXX	XXXXXX																										
Badger omit	X			XXXXX	XXXXXX																										
Skunk omit	X			XXXXX	XXXXXX																										
Cottontail	X			0	XXXXXX																										
Jack Rabbit	X			2	XXXXXX																										
Mourn Dove		X			XXXXXX																										

Form D-2
Unit No: 2

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA Obs: Sheldon 2 Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.	1	X		XXXXX	XXXXXX																										
Avocet	5	X		XXXXX	XXXXXX																										
Phalarope	75	X		XXXXX	XXXXXX																										
Short-ear.Owl	2	X		XXXXX	XXXXXX																										
Marsh Hawk	—	X		XXXXX	XXXXXX																										
R.-T.Hawk	—	X		XXXXX		XXXXXXXX																									
G.H Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird Many		X		XXXXX	XXXXXX																										
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX																										
Jack Rabbit	X				XXXXXX																										
Mourn. Dove	12	X			XXXXXX																										

3

Field Form

Form D-2
Unit No: 3

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: Stratton

Year: 1965

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. hatd.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX	6	IIII																								
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X			~~IIII~~ 5	XXXXXX																										
Jack Rabbit	X			~~IIII~~ ~~IIII~~ IIII 18	XXXXXX																										
Mourn Dove		X		6	XXXXXX	IIII																									

Form D-2
Unit No: 4

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA Obs: Sheldon 4 Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
Pheasant	X	X	X	XXXXX	XXXXXX	XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.	2	X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope	many	X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird	many	X		XXXXX	XXXXXX																										
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX																										
Jack Rabbit	X				XXXXXX																										
Mourn Dove	20	X			XXXXXX	11																									

Form D-2
Unit No: 5

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: Buller 5

Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. hatd.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
Pheasant	X	X	X	XXXXX	XXXXXX	XXXXXXXX	X																								
nowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX																										
~~Muskrat~~	~~X~~			XXXXX	XXXXXX																										
~~dger~~	~~X~~			XXXXX	XXXXXX																										
~~Skunk~~	~~X~~			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX																										
Jack Rabbit	X			III 3	XXXXXX																										
Mourn Dove		X			XXXXXX																										

Form D-2
Unit No: 6

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: D.R. Anderson

Year: 65

6

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX
nowy Egret		X		XXXXX	XXXXXX	
B.C.Night Her.		X		XXXXX	XXXXXX	
Avocet	1	X		XXXXX	XXXXXX	1
Phalarope		X		XXXXX	XXXXXX	
Short-ear.Owl		X		XXXXX	XXXXXX	
Marsh Hawk		X		XXXXX	XXXXXX	
R.-T.Hawk		X		XXXXX		XXXXXXXX
G.H.Owl	X			XXXXX		XXXXXXXX
Magpie	X			XXXXX	All Destroyed	XXXXXXXX
Blackbird		X		XXXXX	XXXXXX	
Muskrat	X			XXXXX	XXXXXX	
idger	X			XXXXX	XXXXXX	
Skunk	X			XXXXX	XXXXXX	
Cottontail	X			2	XXXXXX	
Jack Rabbit	X			9	XXXXXX	
Mourn Dove	2	X		7	XXXXXX	2

Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Rate: Hatched	No. hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
	29	5-12	11														y							
	33	5-12	1				X										y							
	39	5-13	8														y							
	42	5-13	6	X							X													
X																								

Form D-2
Unit No: 7

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: K. King

7 May 13

Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX	1																									
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX	11	2+4+1+3+1																								
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X			1 1	XXXXXX																										
Jack Rabbit	X			~~III~~ 16	XXXXXX																										
Mourn Dove		X		" 2	XXXXXX																										

Form D-2
Unit No: 8

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: SHELDON 8

Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
Pheasant	X	X	X	XXXXX	XXXXXX	XXXXXXXX	X																								
nowy Egret	2	X		XXXXX	XXXXXX																										
B.C.Night Her.	1	X		XXXXX	XXXXXX																										
Avocet	10	X		XXXXX	XXXXXX																										
Phalarope	100	X		XXXXX	XXXXXX																										
Short-ear.Owl	1	X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk	1	X		XXXXX	1	XXXXXXXX																									
G.H Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird	many	X		XXXXX	XXXXXX																										
Muskrat	X			XXXXX	XXXXXX																										
ıdger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX																										
Jack Rabbit	X				XXXXXX																										
Mourn Dove	25	X			XXXXXX																										

Active Bldg. nest
Unit 21

Form D-2
Unit No: 9

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: Darnell Stratton & Bryant 9 Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X	96	6-18	14	X	12						X												
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX	1																									
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX	~~IIII~~ 5																									
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X			~~IIII~~ 6	XXXXXX																										
Jack Rabbit	X			~~IIIIIIIIII~~ 12	XXXXXX																										
Mourn Dove		X			XXXXXX																										

Form D-2
Unit No: 10

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA Obs: Sheldon 10 Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.	1	X		XXXXX	XXXXXX																										
Avocet	6	X		XXXXX	XXXXXX																										
Phalarope	many	X		XXXXX	XXXXXX																										
Short-ear.Owl	1	X		XXXXX	XXXXXX																										
Marsh Hawk	2	X		XXXXX	XXXXXX																										
R.-T.Hawk	—	X		XXXXX		XXXXXXXX																									
G.H Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird	many	X		XXXXX	XXXXXX																										
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X			12	XXXXXX																										
Jack Rabbit	X			10	XXXXXX																										
Mourn Dove	6	X		12	XXXXXX																										

Field Form

Form D-2
Unit No: 11

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: Stratton & Darnell 11

Year 1965

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX	/																									
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX																										
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X			/	XXXXXX																										
Jack Rabbit	X			~~IIII~~ IIII	XXXXXX																										
Mourn Dove		X			XXXXXX	~~IIII~~ I																									

Form D-2
Unit No: 14

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA Obs: DARNELL Year: 65

14

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X	41 25						X X	X			X												
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX																										
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX																										
Jack Rabbit	X			2	XXXXXX	2																									
Mourn. Dove		X		3	XXXXXX																										

PHEASANT NEST NOT ON MAP
MAY HAVE A LATHE PUT UP BY
STUDENTS

Form D-2
Unit No: 15

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

STUDENTS 15

Obs: Stratton King

May

Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
				XXXXX	XXXXXX	XXXXXXXX	*	#5																							
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
Pheasant	X	X	X	XXXXX	XXXXXX	XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX	1																									
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX	8																									
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX																										
Jack Rabbit	X			9	XXXXXX																										
Mourn Dove		X		5	XXXXXX	IIII																									

Field Form

Form D-2
Unit No: 16

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

UNIT 16

Obs: Bullen / Darnell McArthur

Year: '65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX																										
~~Muskrat~~	~~X~~			XXXXX	XXXXXX																										
~~Badger~~	~~X~~			XXXXX	XXXXXX																										
~~Skunk~~	~~X~~			XXXXX	XXXXXX																										
Cottontail	X			~~////~~ 3	XXXXXX																										
Jack Rabbit	X			~~////////~~ 18	XXXXXX																										
Mourn Dove		X		12	XXXXXX	6+6																									

Form D-2
Unit No: 17

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

UNIT 17

Obs: Gullen

Year: '65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX
Snowy Egret		X		XXXXX	XXXXXX	
B.C.Night Her.		X		XXXXX	XXXXXX	
Avocet		X		XXXXX	XXXXXX	
Phalarope		X		XXXXX	XXXXXX	
Short-ear.Owl		X		XXXXX	XXXXXX	
Marsh Hawk		X		XXXXX	XXXXXX	
R.-T.Hawk		X		XXXXX		XXXXXXXX
G.H Owl	X			XXXXX		XXXXXXXX
Magpie	X			XXXXX		XXXXXXXX
Blackbird		X		XXXXX	XXXXXX	
Muskrat	X			XXXXX	XXXXXX	
Badger	X			XXXXX	XXXXXX	
Skunk	X			XXXXX	XXXXXX	
Cottontail	X			2	XXXXXX	
Jack Rabbit	X			17	XXXXXX	
Mourn Dove		X			XXXXXX	

Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
X																								

Form D-2
Unit No: 18

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: Stratton & Darnell

Year: 1965

18

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Rate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX	6	2+4																								
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X			~~IIII~~ 9	XXXXXX																										
Jack Rabbit	X			~~IIIIIIII~~ 34	XXXXXX																										
Mourn Dove		X		6	XXXXXX	6																									

Form D-2
Unit No: 19

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA Obs: Stratton Year: 1965

19 May 11

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX
Snowy Egret		X		XXXXX	XXXXXX	
B.C.Night Her.		X		XXXXX	XXXXXX	
Avocet		X		XXXXX	XXXXXX	
Phalarope		X		XXXXX	XXXXXX	
Short-ear.Owl		X		XXXXX	XXXXXX	
Marsh Hawk		X		XXXXX	XXXXXX	
R.-T.Hawk		X		XXXXX		XXXXXXXX
G.H.Owl	X			XXXXX		XXXXXXXX
Magpie	X			XXXXX		XXXXXXXX
Blackbird		X		XXXXX	XXXXXX	
~~Muskrat~~	X			~~XXXXX~~	~~XXXXXX~~	
~~Badger~~	X			~~XXXXX~~	~~XXXXXX~~	
~~Skunk~~	X			~~XXXXX~~	~~XXXXXX~~	
Cottontail	X			4	XXXXXX	
Jack Rabbit	X			17	XXXXXX	
Mourn Dove		X		18	XXXXXX	16+

Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
X																								

Form D-2
Unit No: 20

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA Obs: DARNEL Year: 20, '65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Uknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
				XXXXX	XXXXXX	XXXXXXXX																									
Pheasant	X	X	X	XXXXX	XXXXXX	XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H Owl	X			XXXXX	0	XXXXXXXX																									
Magpie	X			XXXXX	0	XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX	11																									
~~Muskrat~~	X			XXXXX	XXXXXX	X																									
Badger	X			XXXXX	XXXXXX	X																									
~~Skunk~~	X			XXXXX	XXXXXX	X																									
Cottontail	X			2	XXXXXX	11																									
Jack Rabbit	X			5	XXXXXX	IIII																									
Mourn Dove		X			XXXXXX																										

21

Form D-2
Unit No: 21

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA Obs: STUDENTS Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX	1																									
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX																										
Jack Rabbit	X				XXXXXX																										
Mourn Dove		X		2	XXXXXX																										

22

Form D-2
Unit No: 22

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA Obs: DARNELL Year: 65

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Fate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type NEST AREA: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X	57	5/14	3			X				(X)														X
Snowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX	/																									
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H.Owl	X			XXXXX		XXXXXXXX	//																								
Magpie	X			XXXXX		XXXXXXXX	////																								
Blackbird		X		XXXXX	XXXXXX	~~////~~ //																									
Muskrat	X			XXXXX	XXXXXX																										
Badger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX	////																									
Jack Rabbit	X				XXXXXX	//// ////																									
Mourn Dove		X		6	XXXXXX																										

Form D-2 Stratton & Espinosa

Unit No: 23

Field Form

WATERFOWL PRODUCTION SURVEY--WILDLIFE TREND DATA

Obs: Butler

Year: '65

23

Species	Record Data on Trans. Series: 1	2	3	Total Obs.	Total Nests, Dens, or Houses Obs.	Active Nests, Dens, & Houses on Trans.	Map Symbol	Trans. No.	Date 1st Obs.	No. Eggs	Rate: Hatched	No. Hatch.	Desert.	Destr.	Flooded	Unknown	Cover Type: Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flood.
Pheasant	X	X	X	XXXXX XXXXX XXXXX XXXXX XXXXX	XXXXXX XXXXXX XXXXXX XXXXXX XXXXXX	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX	X																								
nowy Egret		X		XXXXX	XXXXXX																										
B.C.Night Her.		X		XXXXX	XXXXXX																										
Avocet		X		XXXXX	XXXXXX																										
Phalarope		X		XXXXX	XXXXXX																										
Short-ear.Owl		X		XXXXX	XXXXXX																										
Marsh Hawk		X		XXXXX	XXXXXX																										
R.-T.Hawk		X		XXXXX		XXXXXXXX																									
G.H Owl	X			XXXXX		XXXXXXXX																									
Magpie	X			XXXXX		XXXXXXXX																									
Blackbird		X		XXXXX	XXXXXX																										
Muskrat	X			XXXXX	XXXXXX																										
adger	X			XXXXX	XXXXXX																										
Skunk	X			XXXXX	XXXXXX																										
Cottontail	X				XXXXXX																										
Jack Rabbit	X			1	XXXXXX																										
Mourn Dove		X			XXXXXX																										

Form D-3 STRATTON

Observer: McCOLLUM

WATERFOWL PRODUCTION SURVEY -- DUCK BROOD SAMPLE DATA

Year: 1965

	Mallard			Pintail			Gadwall			Shoveller			B-W Teal			G-W Teal			Redhead			Ruddy			Coot	
	6.848			6.75			7.666			6.545			6.70 Cinnamon &			5.833			7.125			6.50			5.428	
Date	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No	No Ducklings
7/15/65	6		8	14		6				14		5	14		7										14	6
	6		6																						14	5
	14		5																							
7/16/65	14		6	15		8																				
	15		7																							
	15		6																							
8/2/65	14		7	17		5	14		6	14		5	17		6				7		7	8		7	14	6
	14		8	7		7	17		4	17		8	14		6				7		7	8		7	15	5
	14		6	19		7	16		5	7		6	9		8				10		6	7		6	6	5
	14		6	7		9	17		7	14		6	9		7				7		8	6		6	6	4
	17		6	9		9	18		6	4		8	7		8							17		7	7	7
	17		8				15		8	4		8										17		6		
	6		4				15		11	4		6														
	14		7				15		9	4		6														
	10		4				16		10	4		5														
	10		10				16		9	18		6														
	10		9				14		10	18		4														
	10		8				17		9																	
							17		8																	
							17		10																	
8/11/65	14		7	14		6	14		9	18		4	14		2	7		7	7		7					
	14		6	17		8	14		8	3		4	6		10	14		8	7		7					
	14		12	18		4	14		7	3		6	18		4	14		5	7		9					

No Broods: 33 12 36 22 10 6 8 6 7

Form D-3 STRATTON
Observer: McCollum

WATERFOWL PRODUCTION SURVEY -- DUCK BROOD SAMPLE DATA

Year: 1965

Date	Mallard			Pintail			Gadwall			Shoveller			B-W Teal (Cinnamon)			G-W Teal			Red Head			Ruddy		
	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.
8/11/65	14		5	19		7	14		8	3		6	10		9	15		5	3		6			
	14		7	19		5	14		7	4		6				10		6						
	7		7				14		6	18		9				19		4						
	15		8				14		11	19		8												
	14		5				14		7	19		8												
	15		5				14		6	19		10												
	3		6				14		6	19		10												
	10		7				7		8															
	19		6				7		7															
	19		10				7		8															
	19		6				7		6															
	19		8				15		9															
							15		10															
							15		7															
							15		7															
							15		8															
							15		7															
							17		9															
							18		3															

Form D-3
Observer: ______________

WATERFOWL PRODUCTION SURVEY -- DUCK BROOD SAMPLE DATA

Year: ________

Date	Mallard			Pintail			Gadwall			Shoveller			B-W Teal			G-W Teal								
	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.

Form D-3
Observer: McCollum

WATERFOWL PRODUCTION SURVEY -- DUCK BROOD SAMPLE DATA

Year: 1965

Date	Mallard			Pintail			Gadwall			Shoveller			B-W Teal			G-W Teal			RED HEAD					
	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.
8-11	14		7	14		6	14		9	18		4	14		2	7		7	7		7			
	14		6	17		8	14		8	3		4	6		10	14		8	7		7			
	14		12	18		4	14		7	3		6	18		4	14		5	7		9			
	14		5	19		7	14		8	3		6	10		9	15		5	3		6			
	14		7	19		5	14		7	4		6				10		6						
	7		7				14		6	18		9				19		4						
	15		8				14		11	19		8												
	14		5				14		7	19		8												
	15		5				14		6	19		10												
	3		6				14		6	19		10												
	10		7				7		8															
	19		6				7		7															
	19		10				7		8															
	19		6				7		6															
	19		8				6		7															
							15		9															
							15		10															
							15		7															
							15		7															
							15		8															
							15		7															
							17		9															
							18		3															

BROOD CENSUS AUG. 11, 1965

Form D-3

Observer: McCollum

WATERFOWL PRODUCTION SURVEY -- DUCK BROOD SAMPLE DATA

Year: 1965

Date		Mallard	Pintail	Gadwall	Shoveller	B-W Teal	G-W Teal			
8-11	Unit No.									
	Pond No.									
	No.duckl. Class IIc & III Br.									
	Unit No.									
	Pond No.									
	No.duckl. Class IIc & III Br.									
19	Unit No.	19								
	Pond No.									
3	No.duckl. Class IIc & III Br.	6								
	Unit No.									
	Pond No.									
	No.duckl. Class IIc & III Br.									
	Unit No.									
	Pond No.									
	No. duckl. Class IIc & III Br.									
	Unit No.									
	Pond No.									
	No.duckl. Class IIc & III Br.									
	Unit No.									
	Pond No.									
	No.duckl. Class IIc & III Br.									
	Unit No.									
	Pond No.									
	No.duckl. Class IIc & III Br.									

Form D-3
Observer: McCollum

WATERFOWL PRODUCTION SURVEY -- DUCK BROOD SAMPLE DATA

Year: 1965

Date	Mallard			Pintail			Gadwall			Shoveller			B-W Teal			G-W Teal			REDHEAD			RUDDY			COOT	
	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.		
8-2	14	2	7	17		5	14		6	14		5	17		6				7		7	8		7	14	6
8-2	14	3	8	7		7	17		4	17		8	14		6				7		7	8		7	15	5
8-2	14		6	19		7	16		5	7		6	9		8				10		6	7		6	6	5
8-2	14		6	7		9	17		7	14		6	9		7							6		8	6	4
8-2	17		6	9		9	18		6	4		8	7		8										7	7
8-2	17		8				15		8	4		8														
8-2	6		4				15		11	4		6														
8-2	14		7				15		9	4		7														
8-2	10		4				16		10	4		5														
8-2	10		10				16		9	18		6														
8-2	10		9																							

Form D-3
Observer: McCollum

WATERFOWL PRODUCTION SURVEY -- DUCK BROOD SAMPLE DATA

Year: 1965

Date	Mallard			Pintail			Gadwall			Shoveller			B-W Teal			G-W Teal			REDHEAD			RUDDY			COOT		
	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No. duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.	Unit No.	Pond No.	No.duckl. Class IIc & III Br.			
8-3	14	✓	7	19	✓	7	14	✓	6	14	✓	5	7	✓	8				7	✓	7	8		7	14	✓	6
8-3	14	✓	6	7	✓	7	15		10	7	✓	6	14	✓	6				7	✓	8	17		7	7	✓	7
8-3	14	✓	8	7	✓	9	15	✓	9	17	✓	8	17	✓	6				10	✓	6	17		6	6	✓	5
8-3	14	✓	6	17	✓	5	15	✓	8	18		4	9	✓	8										6	✓	4
8-3	14	✓	7	9	✓	9	16	✓	5	4	✓	8													15	✓	5
8-3	6	✓	4				17		9	4	✓	6															
8-3	17	✓	6				17		8	4	✓	8															
8-3	17	✓	8				17	✓	4	4	✓	7															
8-3	10	✓	4				17		10	4	✓	6															
8-3	10	✓	10																								
8-3	10		8																								

Forms D4 – D9

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

D7 – WPS Duck Nesting Transects Habitat Unit Summary by Years

D8 – WPS Waterfowl Production Estimates Refuge Summary by Years

D-9 – WPS Primary Duck Nesting Cover Types Refuge Annual Summary

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 1 Recorder: KING STRATTON & ESPINOSA Year: 1965

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	Nx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	5	3	60	1			1				1	1			3						1	4
Pintail																						
Gadwall																						
Shoveller	1	1	100									1									1	
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	6	4	67	1	—	—	1	—	—	—	1	2	—	—	3	—	—	—	—	—	2	4
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 2 Recorder: SHELDON STRATTON & ESPINOSA Year: 1965

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																						
Pintail	1	0			1						1											
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	1	0	0	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 3 Recorder: STRATTON DARNELL Year: 1965

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	4	80%				1		2						3							3
Pintail																						
Gadwall	1	0	0		1	1									1							1
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
RED HEAD	2	1	50%		1	1									2							2
Unknown	2	2	100							1					1							
Total	10	7	70%	—	2	2	1		2	1					7							6
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 4 Recorder: SHELDON STRATTON Year: 1965

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	0	0		2				1	1												2
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	2	0	0%		2				1	1												2
Coot	1	1	100	—	—	—	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 5 Recorder: BULLER Year: 1965

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				2													
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	2	1	50%	–	1	–	–	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 6 Recorder: D. R. ANDERSON Year: 1965

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	Nx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	4	2	50%	1	2									1	3							
Pintail	3	1	33%		2										3							
Gadwall																						
Shoveller																						
Teal B-W & Cinn.	1	0	0				1								1							
G-W Teal																						
Ruddy																						
Unknown	3	1	33%	1	1	1			1						2							
Total	11	4	36%	2	5	1	1		1					1	9							
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 7 Recorder: SHELDON DARNELL & McARTHUR Year: 1965

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	Mx	Jba	Cx	Dx	Tla	Sva	Dike	Ditch	Flooded
Mallard	10	3	30%	2	1		4		1						6	3			1			3
Pintail	1	1	100%													1						
Gadwall	1	1	100%												1							
Shoveller																						
Teal B-W & Cinn.	1	0	0				1					1										
G-W Teal																						
Ruddy																						
Unknown																						
Total	13	5	38%	2	1	–	5	–	1	–	–	1	–	–	7	4	–	–	1	–	–	3
Coot	2	2	100%													2						2

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 8 Recorder: SHELDON Year: 1965

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	16	7	44%	1	7		1		5		1				9			1				10
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	16	7	44%	1	7	—	1	—	5		1	—	—	—	9	—	—	1	—	—	—	10
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 9 Recorder: CHARLIE BRYANT, STRATTON-ESPING DARNELL Year: 1965

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	26	14	56%	4	4	2	2		5		1				19							23
Pintail	2	1	50%				1		1		1											2
Gadwall	1	1	100%												1							1
Shoveller																						
Teal B-W & Cinn.	2	1	50%	1											2							2
G-W Teal																						
Ruddy																						
REDHEAD	4	1	25%	1	1		1								4							4
Unknown	3	–	0%	3							1				2							2
Total	38	18	48%	9	4	2	4	–	6	–	3	–	–		28	–	–	–	–	–	–	34
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 10 Recorder: SHELDON, DARVEL, STRATTON Year: 1965

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	3	0	0%		2		1		3													1
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.	1																					
G-W Teal																						
Ruddy																						
Unknown	1																					
Total	4 3	0	0%	—	2	—	1	—	3	—	—	—	—	—	—	—	—	—	—	—	—	1
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 11 Recorder: STRATTON-DARNELL Year: 1965

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	7	5	71%	1	1				1	1		1			4							3
Pintail	1	1	100%						1													
Gadwall	1	1	100%												1							1
Shoveller																						
Teal B-W & Cinn.	1	0	0	1											1							1
G-W Teal																						
Ruddy																						
REDHEAD	1	0	0		1										1							1
Unknown	1	0	0				1								1							1
Total	12	7	58%	2	2		1		2	1		1			8							7
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 14 Recorder: STRATTON-McCULLUM DARNELL-McARTHUR Year: 1965

Transect Coverage in %_____(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	3	1	33%		1		1		2					1								
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	3	1	33%	—	1	—	1	—	2	—	—	—	—	1	—	—	—	—	—	—	—	—
Coot	1	1	100%												1							1

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 15 Recorder: SHELDON DARNELL McARTHUR Year: 1965

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	11	7	64%		1		3		5					1	3	1	1					2
Pintail	1	0	0				1								1							
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown	1	0	0		1				1													
Total	13	7	—	—	2	—	4	—	6	—	—	—	—	1	4	1	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. 16 Recorder: RAY BULLER DARNELL, McARTHUR, McCOLLUM Year: 1965

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	0	0				X								1							1
Pintail																						
Gadwall	1	1	100%												1							
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	2	1	50%				1								2							1
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 17 Recorder: BULLER STRATTON & ESPINOSA Year: 1965

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	12	8	66%	2	1	2			1			1			7		2					4
Pintail	3	2	66%				1		1						2							
Gadwall	2	1	50%				1								2							1
Shoveller	1	0	0				1								1							1
Teal B-W & Cinn.	4	4	100%						1						3							2
G-W Teal	1	0	0		1										1							1
Ruddy																						
Unknown	2	1	50%		1										2							1
Total	25	16	64		3	2	3		3			1			18		2					10
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 18 Recorder: DARNELL STRATTON McCollum, McARTHUR Year: 1965

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	Nx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	20	17	85%		1		1		7					1	12							15
Pintail	3	3	100%						3													
Gadwall	1	1	100%						1													1
Shoveller																						
Teal B-W & Cinn.	4	4	100%						1						3						1	1
G-W Teal																						
Ruddy																						
REDHEAD	2	1	50%	1							1				1							1
Unknown	~~4~~ 5	0	0	3		1	1		3					1	1							~~18~~
Total	~~34~~ 35	26	76%	4	1	1	2	–	~~14~~ 35	–	1			2	17	–	–	–			1	18
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 19 Recorder: STRATTON DARNELL, McARTHUR Year: 1965

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	3	2	66%		1				1						2							2
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	3	2	66%		1				1						2							2
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 20 Recorder: STRATTON DARNELL Year: 1965

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	2	100%						2													
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	2	2	100%						2													
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 21 Recorder: STRATTON McCowan Year: 1965

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	Nx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	3	2	66%				1		2	1												
Pintail																						
Gadwall	1	1	100%						1													
Shoveller	2	2	100%												2							
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown																						
Total	6	5	83%	—	—	—	1	—	3	1	—	—	—	—	2	—	—	—	—	—	—	—
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 22 Recorder: DARNELL STRATTON ESPINOSA Year: 1965

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	Nx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded
Mallard	5	4	100%	1	–	–	–		1						4							
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown	1	0	0	1											1							
Total	6	4	66%	2	–	–	–	–	1	–	–	–	–	–	5	–	–	–	–	–	–	–
Coot	0																					

*Obtain data from Field Form D-1

Form D-4

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----INDIVIDUAL UNIT SUMMARY*

Unit No. 23 Recorder: BULLER STRATTON, E SPINOSA Year: 1965

Transect Coverage in % ____ (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																						
Pintail																						
Gadwall																						
Shoveller																						
Teal B-W & Cinn.																						
G-W Teal																						
Ruddy																						
Unknown	1	0	0	1		1									1							1
Total	1	0	0	1	–	1									1							1
Coot	0																					0

*Obtain data from Field Form D-1

Form D-5

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----REFUGE ANNUAL SUMMARY*

Recorder: DARNELL

Year: _____

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

Species	(1) No. Nests on transect (2) % Refuge total (3) % Hatch	Unit No. 1	2	3	4	5	6	7	8	9	10	11	14	15	16	17	18	19	20	21	22	23	Total
Mallard	(1)	5		5	2	2	4	10	16	26	3	7	3	11	1	12	20	3	2	3	5		140
	(2)																						
	(3)																						
Pintail	(1)		1				3	1		2		1		1		3	3						15
	(2)																						
	(3)																						
Gadwall	(1)			1				1		1		1			1	2	1			1			7
	(2)																						
	(3)																						
Shov.	(1)	1														1				2			4
	(2)																						
	(3)																						
B-W & Cinn. Teal	(1)						1	1		2	1	1				4	4						14
	(2)							1															
	(3)																						
G-W Teal	(1)															1							1
	(2)																						
	(3)																						
Redhead	(1)			2						4		1					2						9
	(2)																						
	(3)																						
Ruddy	(1)																						0
	(2)																						
	(3)																						
_____	(1)																						
	(2)																						
	(3)																						
_____	(1)																						
	(2)																						
	(3)																						
Unknown	(1)			2			3			3	1	1		1		2	5				1	1	20
	(2)																						
	(3)																						
Total	(1)	6	1	10	2	2	11	13	16	32	5	12	3	13	2	25	35	3	2	6	6	1	212
	(2)																						
	(3)	67	0	70	0	50	36	38	44	48	0	58	33	54	50	64	76	66	100	83	66	0	
Coot	(1)				1			2					1	2									
	(2)																						
	(3)																						

* Obtain data from Summary Form D-4

Form D-5

No. hatched nests

This ntl. to be recorded on other D-5 Sheet

WATERFOWL PRODUCTION SURVEY

DUCK NESTING TRANSECTS----REFUGE ANNUAL SUMMARY*

Recorder: _____ Year: _____

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

NO HATCHED

Species		Unit No. 1	2	3	4	5	6	7	8	9	10	11	14	15	16	17	18	19	20	21	22	23	Total
Mallard	(1)	3		4		1	2	3	7	14		5	1	7		8	17	2	2	2	4		82
	(2)																						
	(3)																						
Pintail	(1)						1	1		1		1				2	3						9
	(2)																						
	(3)																						
Gadwall	(1)							1		1		1			1	1	1			1			7
	(2)																						
	(3)																						
Shov.	(1)	1																		2			3
	(2)																						
	(3)																						
B-W & Cinn. Teal	(1)									1						4	4						9
	(2)																						
	(3)																						
G-W Teal	(1)																						
	(2)																						
	(3)																						
Redhead	(1)			1						1							1						3
	(2)																						
	(3)																						
Ruddy	(1)																						
	(2)																						
	(3)																						
____	(1)																						
	(2)																						
	(3)																						
____	(1)																						
	(2)																						
	(3)																						
Unknown	(1)			2			1									1							4
	(2)																						
	(3)																						
Total	(1)	4	0	7	0	1	4	5	7	18	0	7	1	7	1	16	26	2	2	5	4	0	117
	(2)																						
	(3)																						
Coot	(1)				1			2					1	2									6
	(2)																						
	(3)																						

1 2 3 4 5 6 7 8 9 10 11 ~~12 13 14 15 16 17 18 19 20 21~~ 13 15 16 17 18 19 20 21 22 23

* Obtain data from Summary Form D-4

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			Average Class IIc & III Broods			Sp.Comp.of Ducks Produced to Flight Age	
		(11) No. Nests Hatched on Transects (From Form D-4)	(12) Hatching Success in % (Col.11 / Col. 2)	(13) Total Nests Hatched (Col. 10 x Col.12)	(14) No. Broods Recorded (From Form D-3)	(15) No. Ducklings Recorded (From Form D-3)	(16) Average Brood Size (Col.15 / Col.14)	(17) No. Ducks Produced (Cols.13 x 16)	(18) Sp. Comp. in %
Mallard		82							
Pintail		9							
Gadwall		7							
Shoveller		3							
B.W. Teal		9							
Cinn. Teal									
G.W. Teal									
Redhead		3							
Ruddy									
Unknown		4							
TOTAL		117							
Coot		6							

Form D-9

WATERFOWL PRODUCTION SURVEY

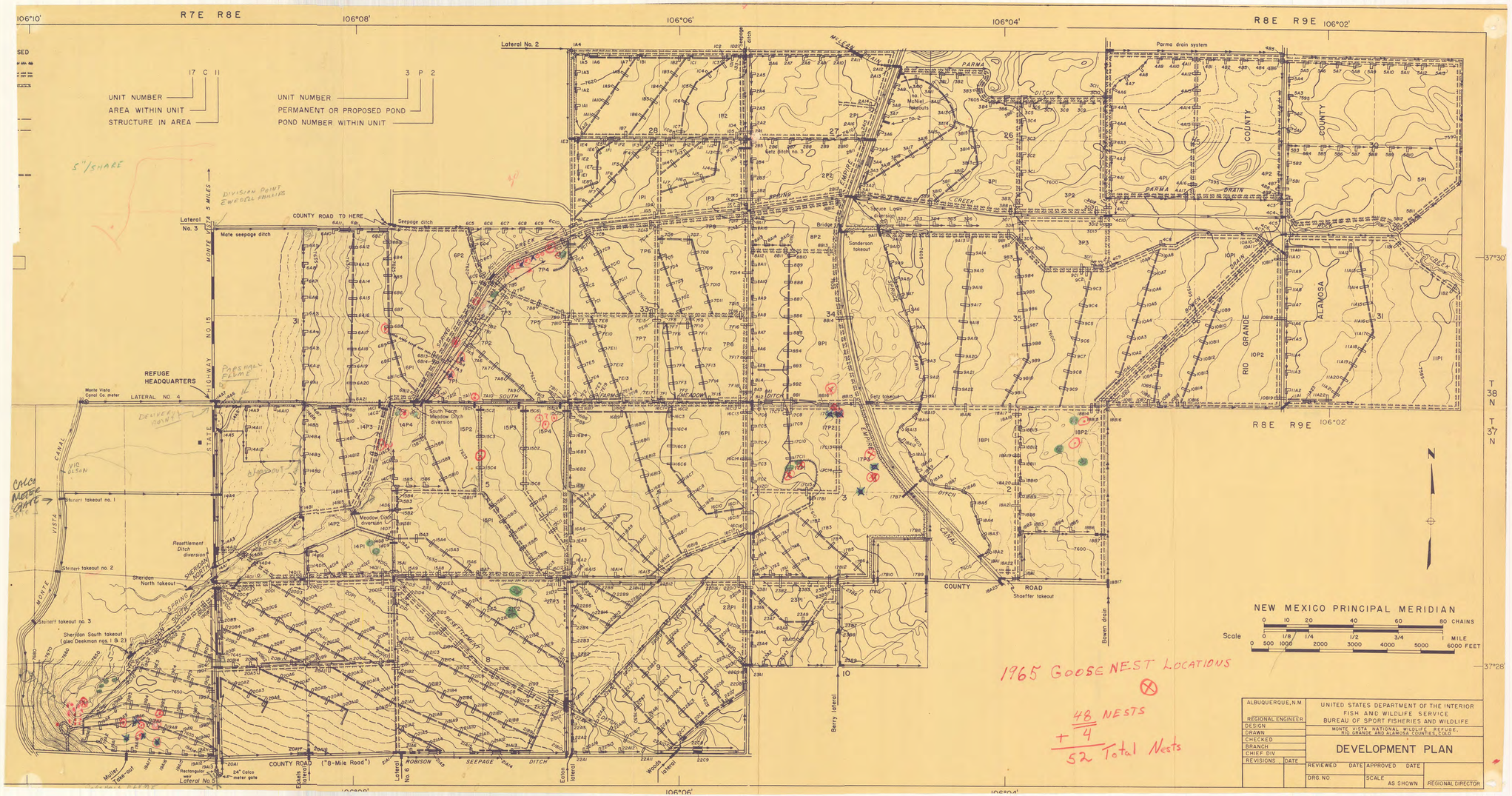
PRIMARY DUCK NESTING COVER TYPES----REFUGE ANNUAL SUMMARY*

Recorder: SARVIS Year: 1965

(1) No. Nests (2) % in Primary Type		Primary Type															
		Sx	Sve	Crx	Dst	Gx	Mof	Wx	Jba	Cx	Ex	Tla	Sva	Dike	Ditch	Flooded	Total
Mallard	(1)		41	3	3	4		4	77	4	3	1			1	73	140
	(2)																
Pintail	(1)		6		2				6	1						2	15
	(2)																
Gadwall	(1)		2						7							5	9
	(2)																
Shoveller	(1)					1			3						1	1	4
	(2)																
B-W & Cinn. Teal	(1)		3			1			10						1	6	14
	(2)																
G.W. Teal	(1)								1							1	1
	(2)																
Redhead	(1)				1				8							8	9
	(2)																
Ruddy	(1)																
	(2)																
	(1)																
	(2)																
UNKNOWN	(1)		5	1	1			1	12							5	20
	(2)																
Total	(1)		57	4	7	6		5	124	5	3	1			3	101	212
	(2)		26.9	1.9	3.3	2.8		2.4	58.5	2.3	1.4	0.5			1.4	47.6	100.0
Coot	(1)																
	(2)																

* Obtain data from Summary Form D-4

Maps

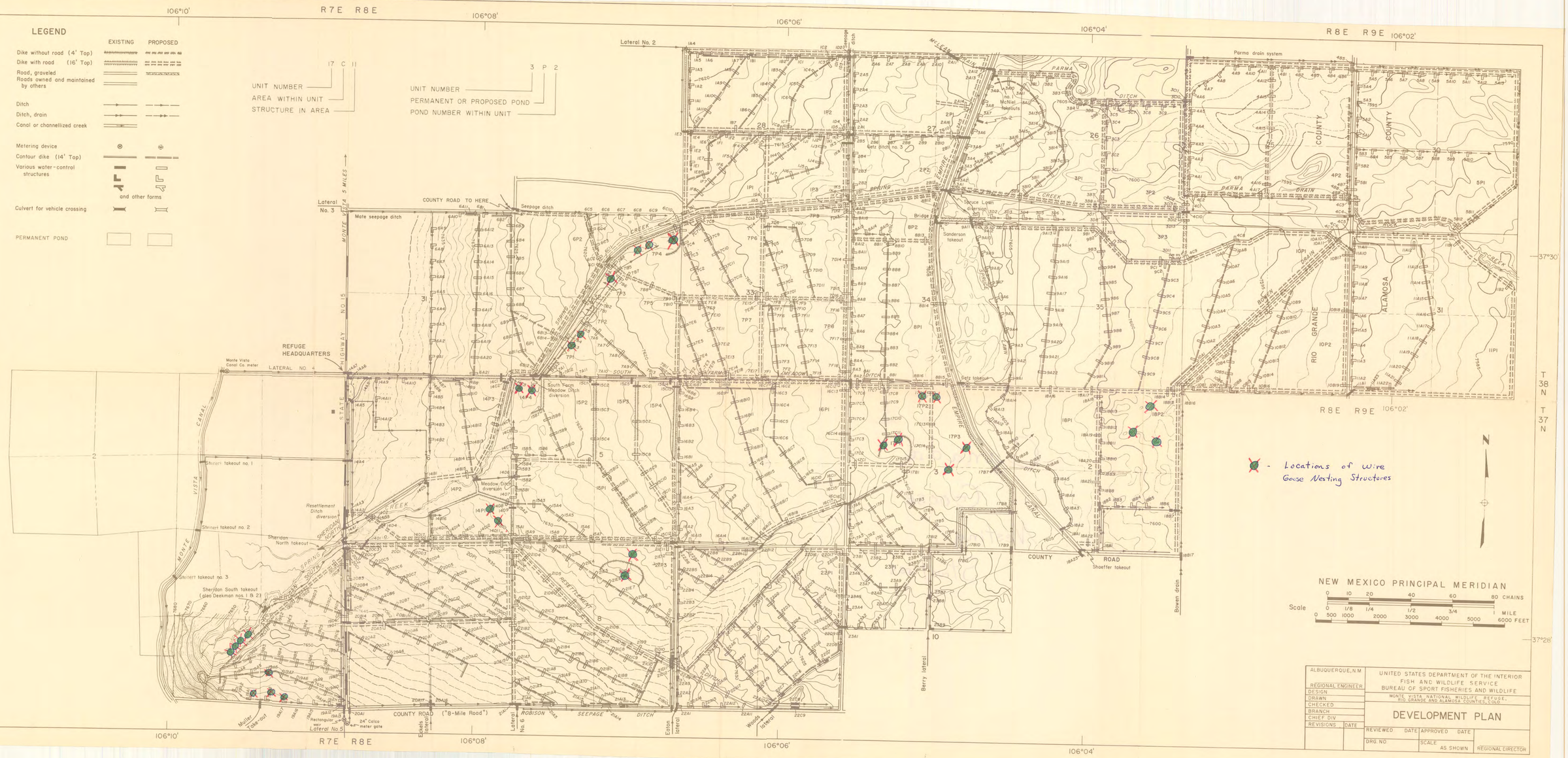

R7E R8E
106°10'
106°08'
106°06'
106°04'
R8E R9E 106°02'
37°30'
37°28'
T 38 N
T 37 N
UNIT NUMBER
AREA WITHIN UNIT
STRUCTURE IN AREA
17 C 11
UNIT NUMBER
PERMANENT OR PROPOSED POND
POND NUMBER WITHIN UNIT
3 P 2
Lateral No. 2
Parma drain system
Lateral No. 3
COUNTY ROAD TO HERE
Seepage ditch
Mate seepage ditch
REFUGE HEADQUARTERS
Monte Vista Canal Co. meter
LATERAL NO. 4
STATE HIGHWAY NO. 15
MONTE VISTA 9 MILES
Sanderson takeout
Getz takeout
Getz Ditch No. 3
Sauce Lawn diversion
Bridge
South Farm Meadow Ditch diversion
Meadow Ditch diversion
Resettlement Ditch diversion
Sterrett takeout no. 1
Sterrett takeout no. 2
Sterrett takeout no. 3
Sheridan North takeout
Sheridan South takeout (also Deekman nos. 1 & 2)
Shoeffer takeout
COUNTY ROAD
Bowen drain
Berry lateral
Eaton lateral
Wood lateral
Eaton Ditch
Lateral No. 10
ROBISON SEEPAGE DITCH
COUNTY ROAD ("8-Mile Road")
Rectangular weir
Lateral No. 9
24" Calco meter gate
Miller tide-gate
CALCO METER GATE
DIVISION POINT E.W. DEZEL PHILLIPS
5"/SHARE
DELIVERY POINT
PARSHALL FLUME
BLOWOUT
VIC OLSON
PARMA DITCH
PARMA DRAIN
PARMA CREEK
EMPIRE DITCH
EMPIRE CANAL
SOUTH CREEK
SPRING CREEK
MEADOW DITCH
RESETTLEMENT DITCH
SHERIDAN DITCH
MONTE VISTA CANAL
RIO GRANDE COUNTY
ALAMOSA COUNTY
N
NEW MEXICO PRINCIPAL MERIDIAN
Scale
0 10 20 40 60 80 CHAINS
0 1/8 1/4 1/2 3/4 1 MILE
0 500 1000 2000 3000 4000 5000 6000 FEET
1965 GOOSE NEST LOCATIONS
48 NESTS
+ 4
52 Total Nests
ALBUQUERQUE, N.M.
REGIONAL ENGINEER
DESIGN
DRAWN
CHECKED
BRANCH
CHIEF DIV
REVISIONS
DATE
UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE
MONTE VISTA NATIONAL WILDLIFE REFUGE
RIO GRANDE AND ALAMOSA COUNTIES, COLO.
DEVELOPMENT PLAN
REVIEWED
DATE
APPROVED
DATE
DRG. NO.
SCALE
AS SHOWN
REGIONAL DIRECTOR

LEGEND

	EXISTING	PROPOSED
Dike without road (4' Top)		
Dike with road (16' Top)		
Road, graveled		
Roads owned and maintained by others		
Ditch		
Ditch, drain		
Canal or channellized creek		
Metering device		
Contour dike (14' Top)		
Various water-control structures	and other forms	
Culvert for vehicle crossing		
PERMANENT POND		

17 C 11
UNIT NUMBER
AREA WITHIN UNIT
STRUCTURE IN AREA

3 P 2
UNIT NUMBER
PERMANENT OR PROPOSED POND
POND NUMBER WITHIN UNIT



ALBUQUERQUE, N.M.	UNITED STATES DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE BUREAU OF SPORT FISHERIES AND WILDLIFE	
REGIONAL ENGINEER	MONTE VISTA NATIONAL WILDLIFE REFUGE, RIO GRANDE AND ALAMOSA COUNTIES, COLO.	
DESIGN		
DRAWN	DEVELOPMENT PLAN	
CHECKED		
BRANCH		
CHIEF, DIV.		
REVISIONS / DATE	REVIEWED / DATE / APPROVED / DATE	
	DRG. NO. / SCALE AS SHOWN	REGIONAL DIRECTOR