

2002

Duck Nest Forms

Units 2-10

MVNWR: (Duck) Nest FORM

Observer Ian Fetyko Date 5/22/02 Unit # 2 Transect # 73

FIRST VISIT

Species 6ADW
 Nest # 502 502
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

6 # eggs
 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 2 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Distance of Nest from center line (ft and inches)
7' 8"

Veg COVER TYPE at Nest
 %

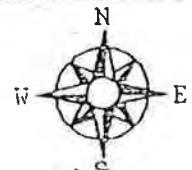
<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input checked="" type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	

FATE VISIT

observer Fetyko
 Date 6/18/02

(check one)
 Hatch
6 # egg hatch
0 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Notes _____

On Map Ian drew
502 as being on S
end of transect

Location Sketch

Unit # 2
 Transect # 73
 Nest # 502 is located
25ft in North
 South
 of flag and
7ft 8 in East
 West
 of Transect line

Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest FORM

Observer Stone Date 1/9/02 Unit # 2 Transect # 81 S

FIRST VISIT

Species GadW
 Nest # 4
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 7
 Inc. stage 4
 # parasitic eggs 0

Dist. to standing H₂O 1/2 mile?
NO H₂O in Empire

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

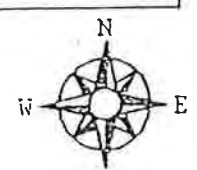
Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge most dominant
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other Cingetol

Distance of Nest from center line (ft and inches)
60 ft 5 inches

FATE VISIT

observer _____
 Date / /
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

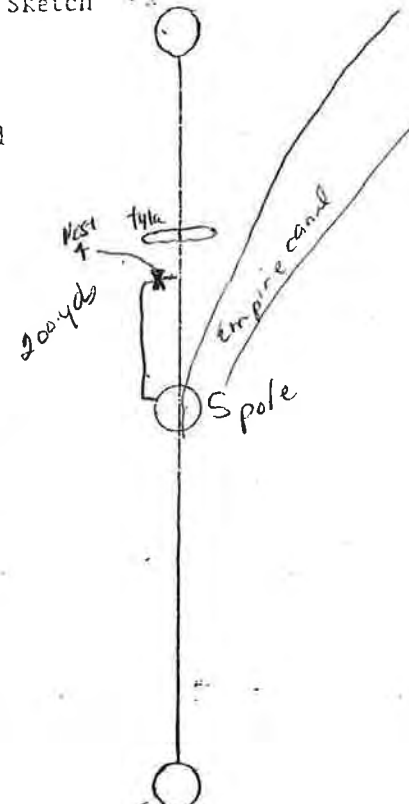
Not relocated - flag gone. 3 people searched but didn't find.



Notes Best to walk down Empire canal, flag visible from canal.
Nest in area of mixed sedge, Ng but thin juba, Cingetol, sc Ng lola

Location Sketch

Unit # 2
 Transect # 81
 Nest # 4 is located
25ft in North
 South
60 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



23 July 02 - flag gone. Searched but didn't find.

Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest Form

Off-line

ND

Observer Kristina Crowder Date 5/24/02 Unit # 3 Transect # 875

FIRST VISIT

Species BCTE NA 605
 Nest # 600 *prob. not w/in 8 1/4 ft see notes*
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 9
 Inc. stage 0
 # parasitic eggs 0

Dist. to standing H₂O 12 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

residual 100

Veg COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

Distance of Nest from center line (ft and inches)
7 ft W

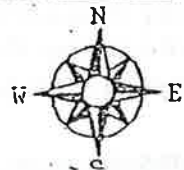
FATE VISIT

observer _____
 Date / /

(check one)

Hatch
 # egg hatch
 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



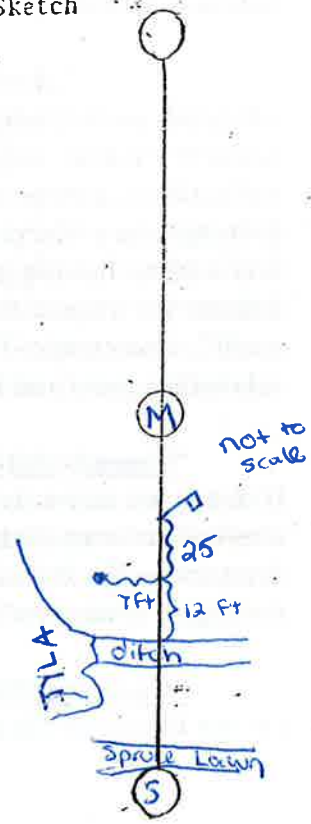
Notes ♀ flush. Can't line up 2 posts, so on-line is an estimate
S. post is between San Antonio Mtn & group of trees to West

Tiny bit of flogging on LELA SW of nest

Checked transect line while on a dike & flag is not on-line - it is a few feet west. Oh well.

Unit # 3
 Transect # 875
 Nest # 600 is located
25ft 0 in North
 South
 of flag and
7 ft - in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Location Sketch



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

MVNWR: (Duck) Nest FORM

Observer Blenden Date 6/21/02 Unit # 3 Transect # 87S

FIRST VISIT

Species Mallard
 Nest # 700
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

7 # eggs
23 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O ∞ ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

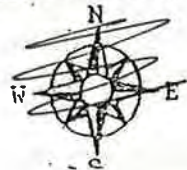
Veg COVER TYPE at Nest
 %
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)
4' 6"

FATE VISIT

observer Stone
 Date 1/18/02
 (check one)
 Hatch
 # egg hatch _____
 # egg remain 0
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

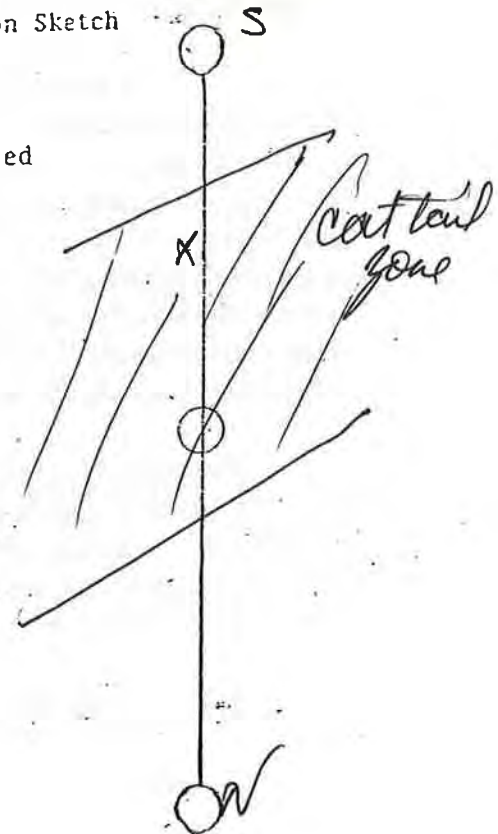
Not a lot of evidence to determine fate. Nest bowl was covered w/ down. A few pieces of membranes found, a few pieces of shell found. Evidence looked more like hatched than destroyed.



Notes 25 July 02 -
found flag but not nest - looked N+S
E-W of flag
Bring Mike out

Unit # 3
 Transect # 87
 Nest # 700 is located
 25ft in North
 South
 East
 West
 of flag and 4 ft in
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Location Sketch



Compute Mayfield

Species AOU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 _____ Exposure days _____

MVNWR: (Duck) Nest FORM

Observer L. Rawinske Date 5/24/02 Unit # 4 Transect # 109

FIRST VISIT

Species Mallard
 Nest # 300
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

7 # eggs
8 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 300ft

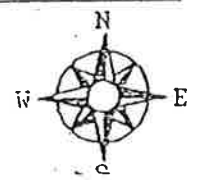
Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 %
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 T1a Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)
~5ft west of center

FATE VISIT
 observer _____
 Date 6/29/02
 (check one)
 Hatch
6 # egg hatch
1 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

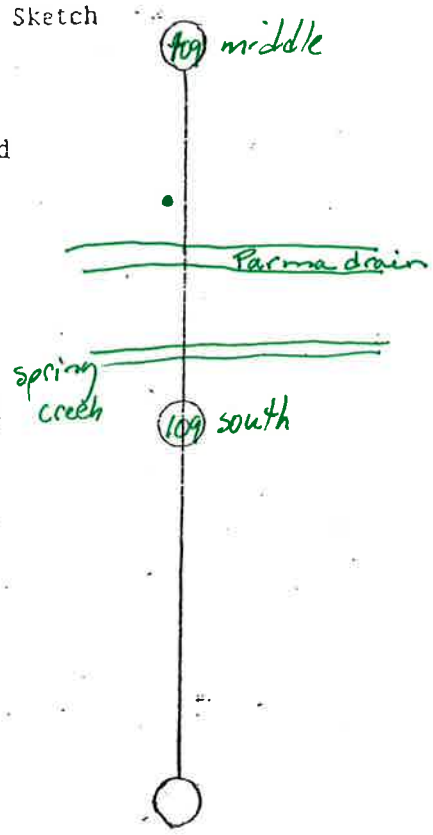


Notes Nest in first ~~area~~ cattail area North of Parma drain. Short, residual cattails.

Need to look at map. Crossed 1 fence @ Parma drain to the south so first, southern-most Paddock.

Location Sketch

Unit # 4
 Transect # 109
 Nest # 300 is located
25ft in North South
5ft in East West
 of Transect line
 Grazing Cell # Brown
 Paddock # 8



Compute Mayfield	
Species AOU	Initiation date
# EGGS hatched	Est. hatch date
# EGGS remain	Exposure days

MVNWR: (Duck) Nest Form

Observer L. Rawinski Date 6/20/02 Unit # 4 Transect # 109

FIRST VISIT

Species unknown
 Nest # 302
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

? # eggs _____
 Inc. stage _____
 # parasitic eggs _____

Dist. to standing H₂O 500 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

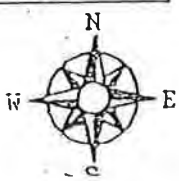
Distance of Nest from center line (ft and inches)

Veg COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

FATE VISIT

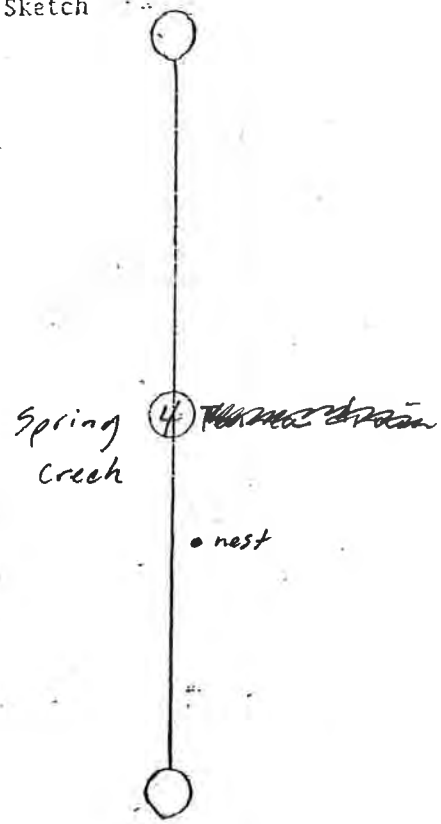
observer _____
 Date 6/20/02
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote FDX
 Unknown
 Other _____



Location Sketch

Notes Nest is completely torn apart. Lots of down material but no sign of any eggs.
Likely a mallard nest

Unit # _____
 Transect # _____
 Nest # _____ is located
25ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

MVNWR: (Duck) Nest Form

Observer L. Rawinski Date 6/20/02 Unit # 4 Transect # 109

FIRST VISIT

Species Mallard
 Nest # 303
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

6 # eggs
 Inc. stage _____
 # parasitic eggs _____

Dist. to standing H₂O 100 ft

Soil Surface (check one)
 Dry **AT Nest**
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 %

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input checked="" type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

100%
 Distance of Nest from center line (ft and inches)

FATE VISIT

observer _____
 Date 6/20/02

(check one)

Hatch
 # egg hatch _____
 # egg remain _____

Abandoned
 Flooded
 Destroyed

Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes Eggs w/ hole in side of them + contents lapped up.

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
25 ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

MVNWR: (Duck) Nest FORM

Off line

Observer Tan Fetyko

Date 5/14/02 Unit # 7 Transect # 951

FIRST VISIT

Species LITE
 Nest # 41 EDOW
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

1 # eggs
4 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 35 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

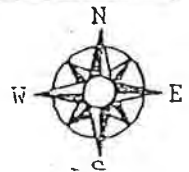
Veg COVER TYPE at Nest

% Sx Willow
 Svc Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft And inches)

FATE VISIT

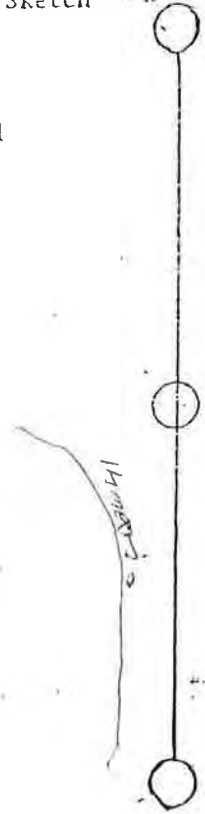
Observer _____
 Date 6/20/02
 (check one)
 Hatch
 # egg hatch
 0 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes 2 ft from fence
Mean Max HT 30

Location Sketch

Unit # 7
 Transect # 51
 Nest # 41 EDOW is located
25ft in North
 South
 of flag and
12ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest Form

Observer Stone Date 6/17/02 Unit # 7 Transect # 575

FIRST VISIT

Species Mall
 Nest # ND3
 Status (check one)
 Active ? found what looks like beginning of
 Hatched
 Abandoned Nest
 Destroyed

0 # eggs
 _____ Inc. stage
 _____ # parasitic eggs

Dist. to standing H₂O _____ ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded 3"

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

% 100

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input checked="" type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

Distance of Nest from center line (ft and inches)

~32 ft east of center line

FATE VISIT

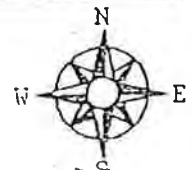
observer _____
 Date / /

(check one)

Hatch
 _____ # egg hatch
 _____ # egg remain

Abandoned
 Flooded
 Destroyed

Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes May end up being a CDW nest

• tied sm piece of flagging Above "Nest"

• 7 paces (~32 ft)

• left flag @ center line

* check during July transects.

Unit # _____
 Transect # _____
 Nest # _____ is located
 25ft _____ in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line

Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ are when found	

Waterfowl Production Survey

Observer Stone

Date 6/19/02

Unit # 7

Transect # 675

FIRST VISIT

Species Mall
 Nest # 5
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs _____
 Inc. stage _____
 # parasitic eggs _____

Dist. to standing H₂O _____ ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

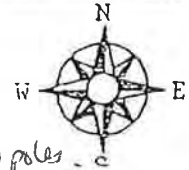
COVER TYPE
(circle dominant cover)
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

100
 1.5 ft W
 of CL
 if you use S poles for CL

SECOND VISIT-Fate

Date 6/19/02

(check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



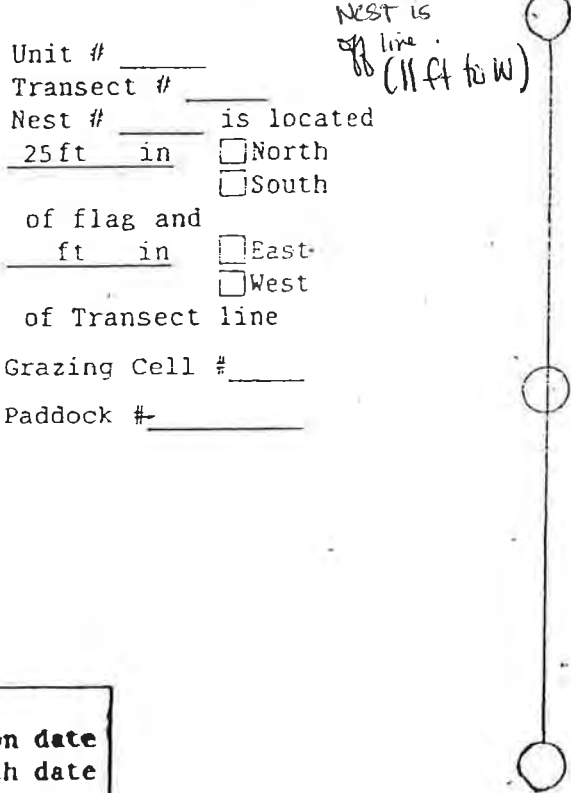
Notes NO eggs or fragments in
Bowl, eggs shells (large
pieces) around bowl.
Down pulled out +
above nest
Nest bowl (remote)
NOT torn apart

Membrane found
outside nest but another
1st shell fragment had
Membrane attached

found @ least 4
eggs (pieces of.)

Nest in area Not
Host s. levee crossing (walked
T S to N), this area has
large expanse of dense juba
10' og but some py.

Location Sketch



Compute Mayfield

_____ Species AOU _____ Initiation date
 _____ # eggs hatched _____ Est. hatch date
 _____ # eggs remain _____ Exposure days
 _____ age when found

MVNWR: (Duck) Nest FORM

Observer Stme Date 6/19/02 Unit # 7 Transect # 675

FIRST VISIT

Species Cage
 Nest # NDE6
 Status (check one)
 Active
 Hatched
 Abandoned I believe,
 Destroyed Nest

eggs _____
 Inc. stage _____
 # parasitic eggs _____

Dist. to standing H₂O _____ ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded DRY NW

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

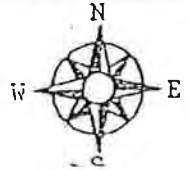
Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Veg COVER TYPE at Nest
 % 100

Distance of Nest from
 center line (ft and inches)

FATE VISIT

observer _____
 Date / /
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes Not many egg fragments
to determine (accuracy)
FAT: i Bowl could have
been Torn Apart after
eggs hatched. looks
like it was depredated

Nest: Mound (~2ft x 2ft)
of tall dg juba

In area of patches of
juba stands w/ patches
of Bg.

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
 _____ 25ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

Species ADU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 # eggs remain _____ Exposure days _____

MVNWR: (Duck) Nest FORM

Observer Ian Fetyko Date 5/22/02 Unit # 8 Transect # 73

*Ian Fetyko -
New @ duck
Nest work*

FIRST VISIT

Species Mall
Nest # 501
Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

1 # eggs
12 Inc. stage *changed to inc stage*
0 # parasitic eggs *KS.*

Dist. to standing H₂O 5 ft

Soil Surface (check one) *AT Nest*
 Dry
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

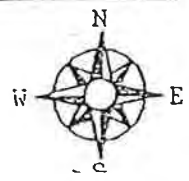
% Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)
2ft 7"

FATE VISIT

observer Fetyko
Date 6/17/02

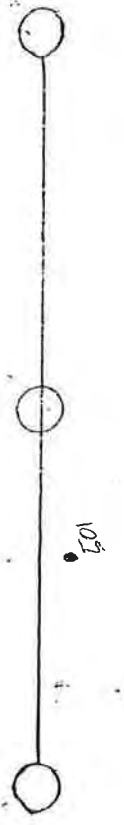
(check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown → 2 eggs
 Other _____



Notes _____

Location Sketch

Unit # 8
 Transect # 73
 Nest # 501 is located
25ft in North
 South
 of flag and
2 ft 7 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ see when found	

MVNWR: (Duck) Nest FORM

Observer R. Garcia Date 6/21/02 Unit # 9 Transect # 989 1/2

FIRST VISIT

Species Mallard
 Nest # 110
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs Lots of down
 Inc. stage
 # parasitic eggs

Dist. to standing H₂O 80' ft

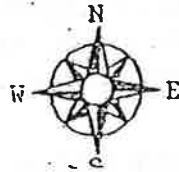
Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 % 100%
 Sx Willow
 Svc Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other

Distance of Nest from center line (ft And inches)
4' 2" WOC

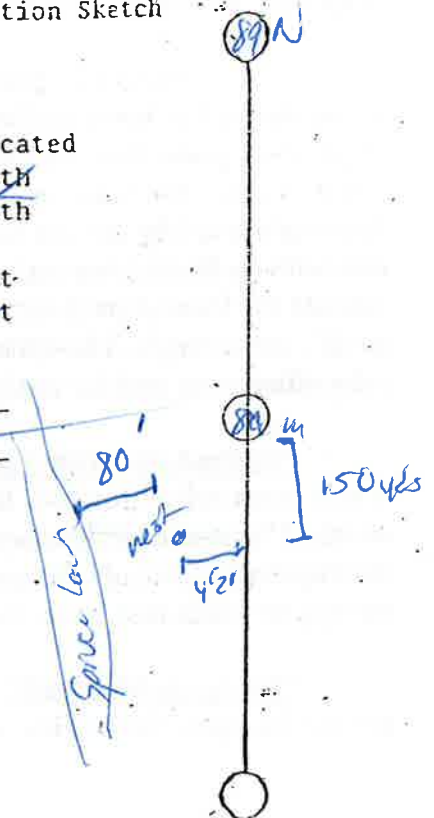
FATE VISIT
 observer
 Date 6/21/02
 (check one)
 Hatch
 # egg hatch.
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Notes
Nest depredated
Refuge Robot = 14" from W
Max Veg 27"
T.N.G. = 23"-25"

Unit # 9
 Transect # 89 1/2
 Nest # 110 is located
25ft in North South
 of flag and 4ft 2" in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Location Sketch



Compute Mayfield

Species ADU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 _____ Pressure days _____

MVNWR: (Duck) Nest FORM

Observer R. Garcia Date 5/27/02 Unit # 9 Transect # 91 1/2

FIRST VISIT

Species Mallard
 Nest # 104
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

9 # eggs
174 Inc. stage
- # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded 3"

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

% 100%

Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 T1a Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)

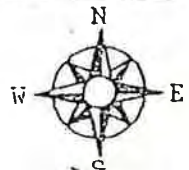
3' 2" west

FATE VISIT

observer _____
 Date 6/27/02

(check one)
 Hatch
All # egg hatch
 _____ # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



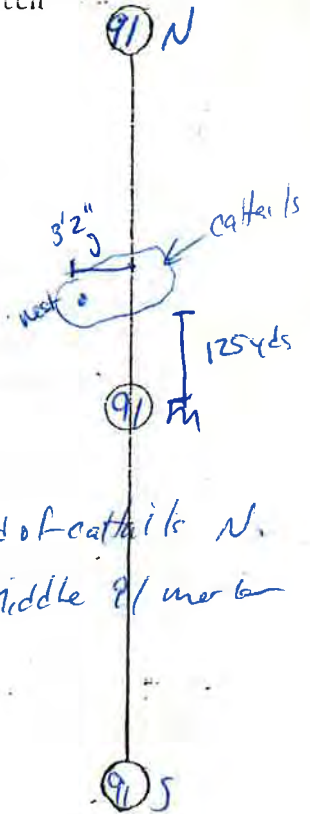
Notes Use for CDOW

Rehydrated = 33"
Max Resin (Residual = 39")

6/21/02 - Same as above
No new growth

Location Sketch

Unit # 9
 Transect # 91 1/2
 Nest # 104 is located
 25ft 0 in North
 South
 of flag and
3ft 2 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



1st Band of cattails N.
at middle of transect

Compute Mayfield

Species AOU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 # eggs remain _____ Exposure days _____
 age when found _____

MVNWR: (Duck) Nest Form

Observer R. Gareis Date 5/21/02 Unit # 9 Transect # 93 1/2

FIRST VISIT

Species Mallard
 Nest # 103
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

9 # eggs
8 # Inc. stage
 # parasitic eggs

Dist. to standing H₂O 200ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

%

95% Jba Baltic rush
5% Tla Cattail

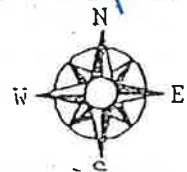
Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Cx Sedge
 Ex Spikerush
 Sva Bullrush
 Other

Distance of Nest from
 center line (ft and inches)

1' 3" W

FATE VISIT

observer _____
 Date 6/19/02
 (check one)
 Hatch
All # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other

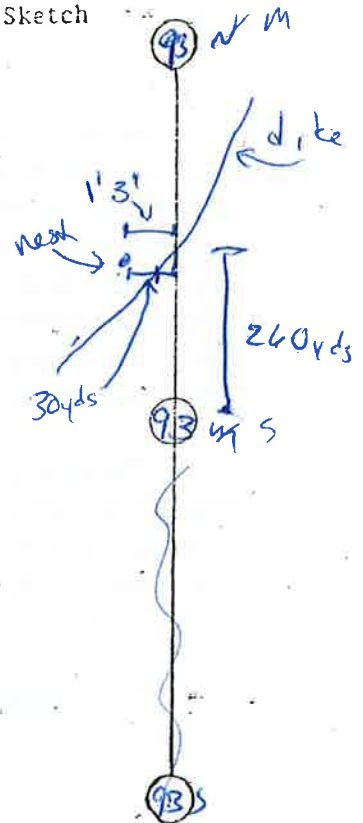


Notes use for COAW

Ridge Rebel = 18"
Max height = 26"
6/19/02 Ridge Rebel = 19"
Max height = 33"
UG X height = 22"-25"
Soil is very dry now.

Location Sketch

Unit # 9
 Transect # 93 1/2
 Nest # 103 is located
 25ft 0 in North
 South
 of flag and
 1ft 3 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days
are when found	

MVNWR: (Duck) Nest FORM

Observer Ron Garcia Date 5/11/02 Unit # 9 Transect # T95 N1/2

FIRST VISIT

Species Mallard
 Nest # 102
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
14/14 Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 1000' ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 %

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<u>100%</u> <input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

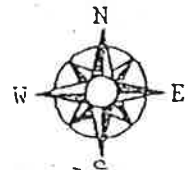
Distance of Nest from
 center line (ft And inches)
7'6" W

FATE VISIT

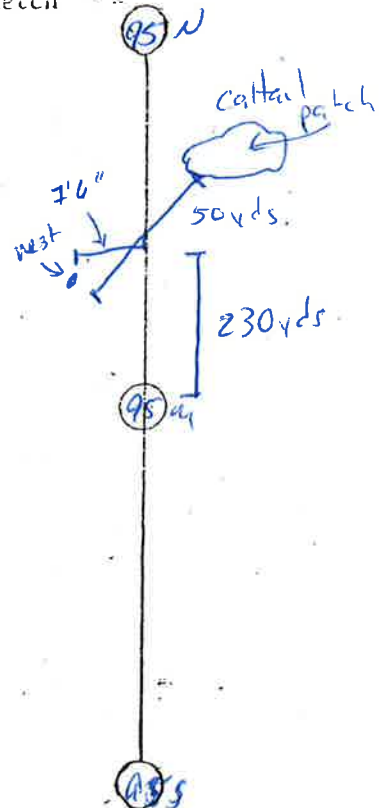
observer _____
 Date 6/19/02

(check one)
 Hatch
7+ # egg hatch
1 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Location Sketch



Notes
 * see for CDOW aka
 Rebel = 13"
 Max Veg = 25"
 used Ridge Rebel

6/19/02 - Successful Nest
 Rebel = 14"
 Max Veg = 25"
 NG = 14-16"

Unit # 9
 Transect # 95 N1/2
 Nest # 102 is located
25ft 0 in North
 South
 of flag and
7 ft 6 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield

Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days
see when found	

MVNWR: (Duck) Nest Form

Observer R. Garcia Date 5/21/02 Unit # 9 Transect # 97 1/2

FIRST VISIT

Species Mallard
 Nest # 101
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

6 # eggs
laying Inc. stage
 # parasitic eggs

Dist. to standing H₂O 800 ft

Soil Surface (check one) **AT Nest**
 Dry
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

VEG COVER TYPE at Nest

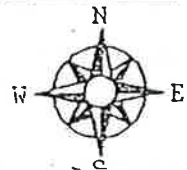
% 100%

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	

Distance of Nest from center line (ft And inches)
4' 0" W of C

FATE VISIT

observer _____
 Date 6/19/02
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



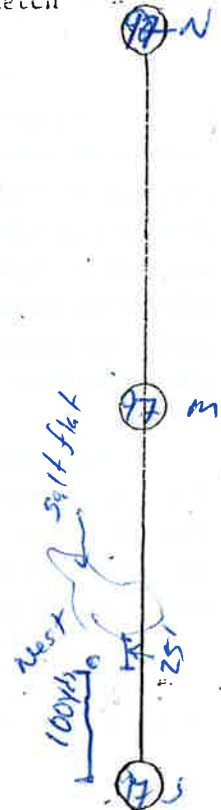
Notes _____

* May did not flush
 I happened to spot
 her beneath cover.
 She jumped on the eggs
 when I flushed her.

* Use Coyote line to North

Location Sketch

Unit # 9
 Transect # 97 1/2
 Nest # 101 is located
25 ft 0 in North
 South
4 ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest FORM

Observer R. Garcia Date 5/21/02 Unit # 9 Transect # 103 1/2

FIRST VISIT

Species Mallard
 Nest # 100
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

9 # eggs
4d Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 800 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 T1a Cattail
 Sva Bullrush
 Other _____

Veg COVER TYPE at Nest
 %: 100%

Distance of Nest from
 center line (ft And inches)
5' 1" W of C

FATE VISIT

Observer _____
 Date 6/19/02

(check one)
 Hatch
ALL # egg hatch.
 ___ # egg remain

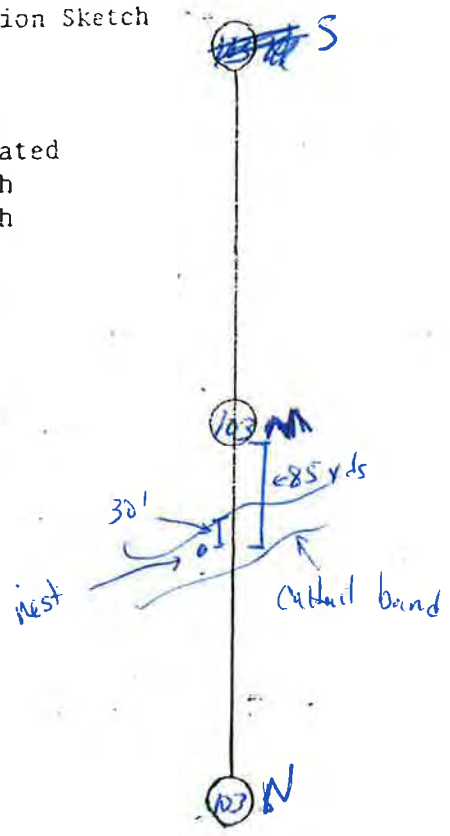
Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Notes _____

Location Sketch

Unit # 9
 Transect # 103 1/2
 Nest # 100 is located
25 ft 0 in North
 South
 of flag and
5 ft 1 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

___ Species ADU	___ Initiation date
___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days
___ age when found	

MVNWR: (Duck) Nest FORM

Observer R. Garcia Date 5/23/02 Unit # 9 Transect # 87 1/2

FIRST VISIT

Species Mallard
 Nest # 107
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

11 # eggs
12d Inc. stage
- # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded 2/11

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

VEG COVER TYPE at Nest

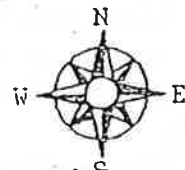
60% Jba Baltic rush
40% T1a Cattail
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Cx Sedge
 Ex Spikerush
 T1a Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)
7' 1" EOC

FATE VISIT

observer _____
 Date 6/21/02
 (check one)
 Hatch
10 # egg hatch
1 # egg remain

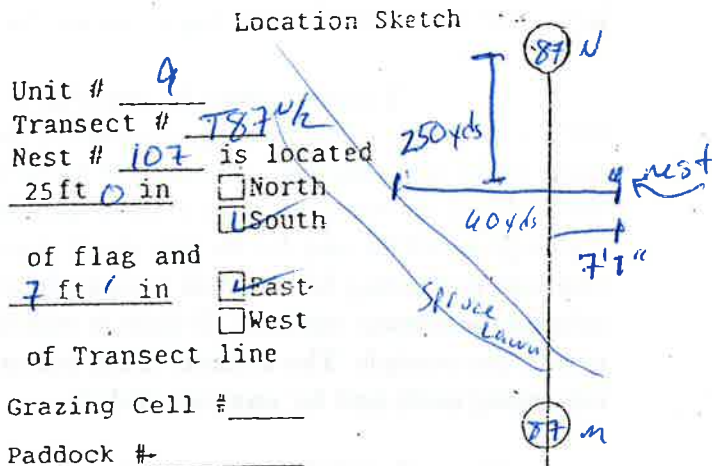
Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Notes * Use for QVOC

Ridge Rebel = 17"
Max Veg = 24"

6/21/02
Ridge Rebel 17"
Max Veg = 34"
NG = 23"



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest FORM

Observer R. Garcia Date 5/23/02 Unit # 9 Transect # 87 1/2

FIRST VISIT

Species Mallard
 Nest # 105
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

9 # eggs
20d Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 80 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

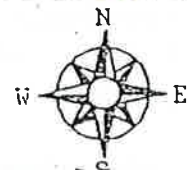
% Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
50% Jba Baltic rush
 Cx Sedge
 Ex Spikerush
50% Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft And inches)

Nest is 4' 3" EOC

FATE VISIT

observer _____
 Date 6/23/02
 (check one)
 Hatch
all # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes

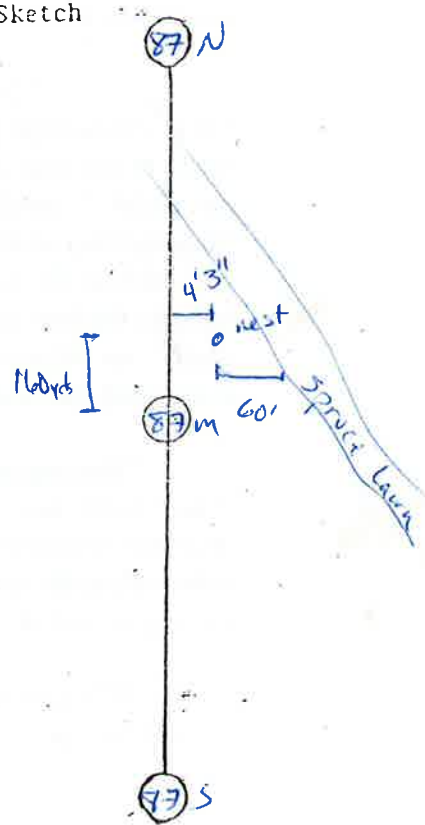
* Use for CDOW

Refuge label = 20"
max Veg = 35"

* Hen did not flush, I
intervals tilted her off bowl
and she only went 15'-20'

Location Sketch

Unit # 9
 Transect # 87 1/2
 Nest # 105 is located
25ft 0 in North
 South
 of flag and
4 ft 3 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

___ Species AOU	___ Initiation date
___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days
___ age when found	

MVNWR: (Duck) Nest Form

Observer R. Garcia

Date 5/23/02 Unit # 9 Transect # 89 1/2

FIRST VISIT

Species Mallard
 Nest # Cow-81
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 5
 Inc. stage 100%
 # parasitic eggs _____

Dist. to standing H₂O 90 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

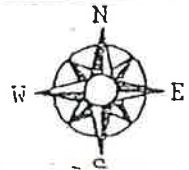
Veg COVER TYPE at Nest
 % 100%

Distance of Nest from
 center line (ft and inches)
Nest 23' WOC

FATE VISIT

observer Stone
 Date 7/23/02

(check one)
 Hatch
 10 # egg hatch
 0 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes

* Cow Nest
Refuge Rabel = 16"
Max veg = 31"

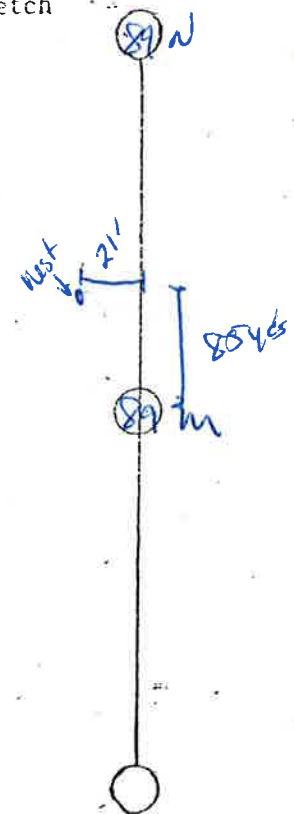
* Flag on centerline
Directly E. of West

6/21/02 Nest Still Active
10 eggs / 23 day

Rabel = 19"
Max = 36"
XNG = 21"

Location Sketch

Unit # 9
 Transect # 89 1/2
 Nest # C-81 is located
25ft in North
 South
 of flag and
23 ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest FORM

Include in July Fate check

Observer R. Garcia Date 5/23/02 Unit # 9 Transect # 193 1/2

FIRST VISIT

Species Mallard
 Nest # Crow-82
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 6
 Inc. stage 1 day
 # parasitic eggs _____

Dist. to standing H₂O 400ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Distance of Nest from center line (ft and inches)

100ft

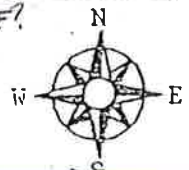
Veg COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input checked="" type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

FATE VISIT

observer Stone
 Date 7/23/02
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed 9 eggs
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other

NO flag
 Bowl pulled Apart
 Egg spread out near NEST.
 Egg whole w/ side hole & hole inside.
 Saved Eggs.
 NOT corvid (NO mandible hde)
 Lack small serrations (like weasel - wink)



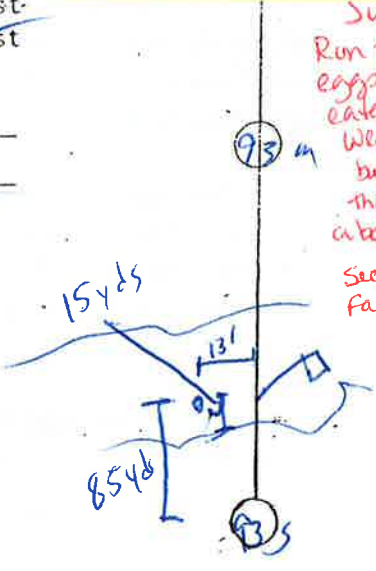
KC
 Please change fate to abandoned. I was still figuring this one out.
 Thanks, KS
 2/29/02 KC

Location

Unit # 9
 Transect # 93 1/2
 Nest # 92 is located 25ft in North South
 of flag and 13ft 0in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

fate - Believe eggs were eaten by weasel - But may have been abandoned first. See 6-19-02 check.

July 24:
 Ron thought eggs were eaten by weasel - wink but after they were abandoned. See 6-19-02 fate note



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # EGGS hatched	_____ Est. hatch date
_____ # EGGS remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest FORM

Observer R. Corcia Date 6/18/02 Unit # 9 Transect # 95 1/2

FIRST VISIT

Species Mourning Dove
 Nest # NG-102
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

2 # eggs young
 Inc. stage
 # parasitic eggs

Dist. to standing H₂O 800' ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

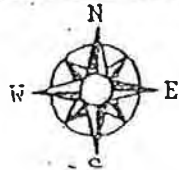
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Distance of Nest from center line (ft and inches)
4' 3" WOC

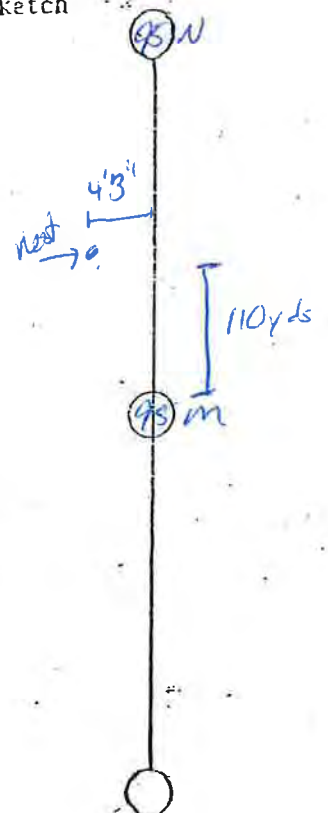
Veg COVER TYPE at Nest
 %
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other

FATE VISIT

observer
 Date 6/18/02
 (check one)
 Hatch
2 # egg hatch.
0 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Location Sketch



Notes
Hen did an excellent job
feigning, (believable)!
chicks never left Row!

Unit # _____
 Transect # _____
 Nest # _____ is located
25ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield

Species ADU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 _____ _____

MVNWR: (Duck) Nest FORM

Observer R. Garcia Date 6/19/02 Unit # 9 Transect # 85 1/2

FIRST VISIT

Species Mallard
 Nest # 109
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

44 # eggs
100% Inc. stage
 # parasitic eggs _____

Dist. to standing H₂O _____ ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

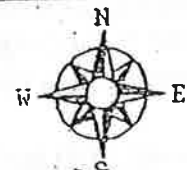
Veg COVER TYPE at Nest
 % 100%

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

Distance of Nest from center line (ft and inches)
5' 3" WOC

FATE VISIT

observer _____
 Date 6/19/02
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes

* Nest had lots of down

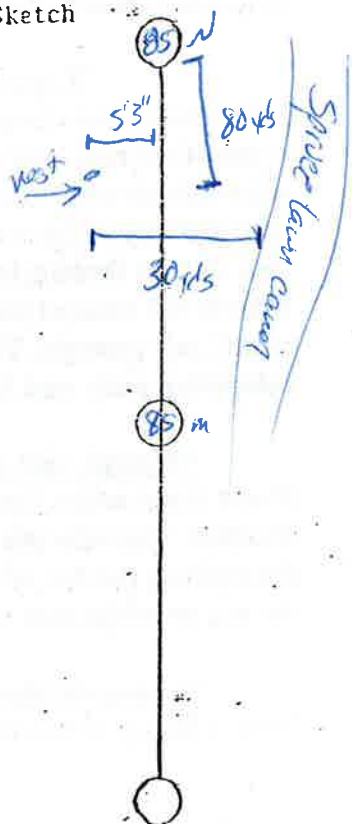
Refuge hole = 14"

max veg height = 39" NG

NG % = 33-35"

Unit # 9
 Transect # 85 1/2
 Nest # 109 is located
 25ft in North South
 of flag and
5ft 3 in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Location Sketch



Compute Mayfield

Species AOU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 _____ _____

MVNWR: (Duck) Nest FORM

Observer R Garcia Date 6/12/02 Unit # 9 Transect # 9 1/2

FIRST VISIT

Species M. Day
 Nest # NG-102
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

2 # eggs young
 Inc. stage
 # parasitic eggs

Dist. to standing H₂O 300 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

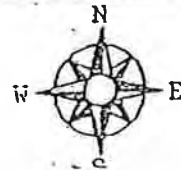
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 % 100%
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other

Distance of Nest from center line (ft And inches)

FATE VISIT

observer
 Date 1-1
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Notes _____

2 young in nest.

Location Sketch

Unit # 9
 Transect # 9 1/2
 Nest # NG-102 is located
25 ft in North
 South
 of flag and
3 ft 2 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

Species ADU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____

MVNWR: (Duck) Nest FORM

Observer L. Rawinski Date 5/21/02 Unit # 10 Transect # 119

FIRST VISIT

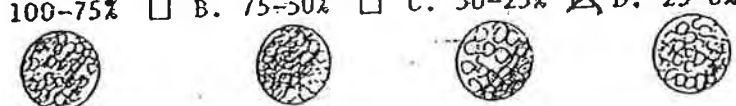
Species Mourningdove
 Nest # ND 300
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

2 # eggs
 Inc. stage
 # parasitic eggs

Dist. to standing H₂O ~ 1/2 mi. ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%



Veg COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input checked="" type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

Distance of Nest from center line (ft And inches)


FATE VISIT

observer _____
 Date / /
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes _____

Location Sketch



Unit # _____
 Transect # _____
 Nest # _____ is located
 25 ft in North
 South
 of flag and
 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield

_____ Species AOO	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

MVNWR: (Duck) Nest FORM

Observer L. Rawinski Date 5/24/02 Unit # 10 Transect # 113

FIRST VISIT

Species Mallard
 Nest # 301
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 71500 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

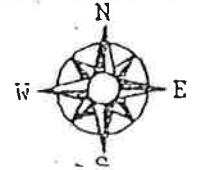
Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Veg COVER TYPE at Nest
 %
 Distance of Nest from
 center line (ft and inches)
~4' east of center

FATE VISIT

observer _____
 Date 6/29/02
 (check one)
 Hatch
 # egg hatch
 5 # egg remain
 Abandoned IR
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

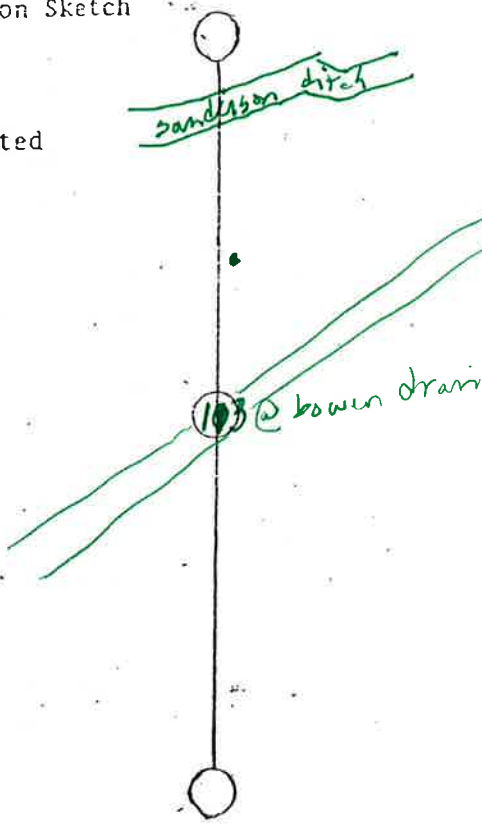
IR
 @ # eggs at
 (fate check =
 # eggs when
 found). KS.



Notes Nest is extremely well concealed in residual baltic rush about 3 1/2' tall. Bush is laying over the nest from west to east. Very hard to find!

Location Sketch

Unit # 10
 Transect # 113
 Nest # 301 is located
25ft in North
 South
4 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

MVNWR: (Duck) Nest Form

Observer L. Rawinski

Date 6/17⁰² Unit # 10 Transect # 117

FIRST VISIT

Species Brewer's BB
 Nest # ND 301
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

2 # eggs and 2 young
Inc. stage
1 # parasitic eggs

Dist. to standing H₂O ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Distance of Nest from center line (ft and inches)

VEG COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input checked="" type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

Thistle 50%
50%

FATE VISIT

observer _____
 Date / /

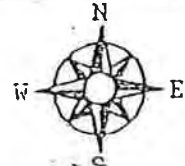
(check one)

Hatch
 _____ # egg hatch
 _____ # egg remain

Abandoned

Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes 2 young are fairly large.
2 eggs remaining are different from each other. 1 is black w/ red spt, oval, gray/over w/ brown spt/bands + spots all over it. The other is sparrow sized white/gray w/ dark spots all over it.
Brewer's blackbirds only ones in sight

Checked books - definitely Brewer's BB w/ 1 cowbird egg!

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
25 ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

MVNWR: (Duck) Nest FORM

Observer L. Rawinski Date 6/10/02 Unit # 10 Transect # 115

FIRST VISIT

Species Mallard
 Nest # ~~304~~ 304
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

9 # eggs
170 # Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 200ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

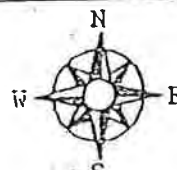
Veg COVER TYPE at Nest
 % 100%

Distance of Nest from
 center line (ft and inches)
7' 8"

FATE VISIT

observer Stone
 Date 7/25/02

(check one)
 Hatch
0 # egg hatch
1 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



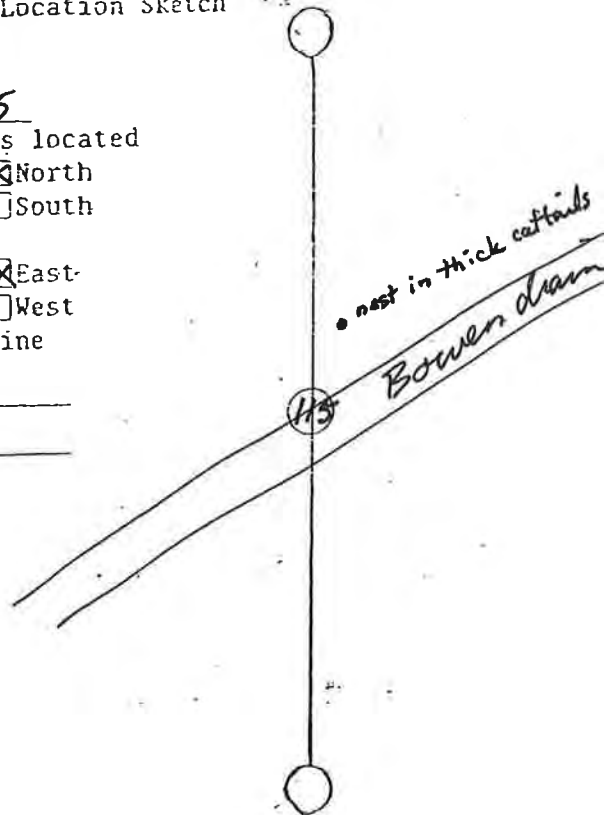
Location Sketch

Notes Well concealed in leaning cattails. They are leaning towards the north/northeast

Should see nest flag from Bowen drain

** I left the tape measure near the flag - please pick it up!

Unit # 10
 Transect # 115
 Nest # 304 is located
25ft in North
 South
7ft 8 in East
 West
 of flag and
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Duck Nest Forms

Units 11-24

MVNWR: (Duck) Nest FORM

fate: 25 July 02
 Stone
 hatched. 8 eggs remain
 found 5 membranes,
 assume all 9 hatched

Observer Vaughn

Date 5/21/02 Unit # 11 Transect # 133N/2

FIRST VISIT

Species UNTE Veg COVER TYPE at Nest
~~UNTE~~ UNTE (BLTE) 1%
 Nest # 800 ARCITE

Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

6 # eggs
0 # parasitic eggs
 Dist. to standing H₂O 1 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other CANE

Distance of Nest from center line (ft and inches)
6 in west of center

FATE VISIT

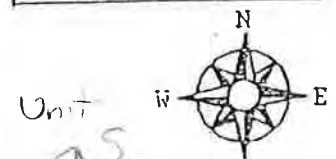
observer _____
 Date 6/17/02

(check one)
 Active
 Hatched
 Abandoned
 Flooded
 Destroyed

0 # egg hatch
9 # egg remain

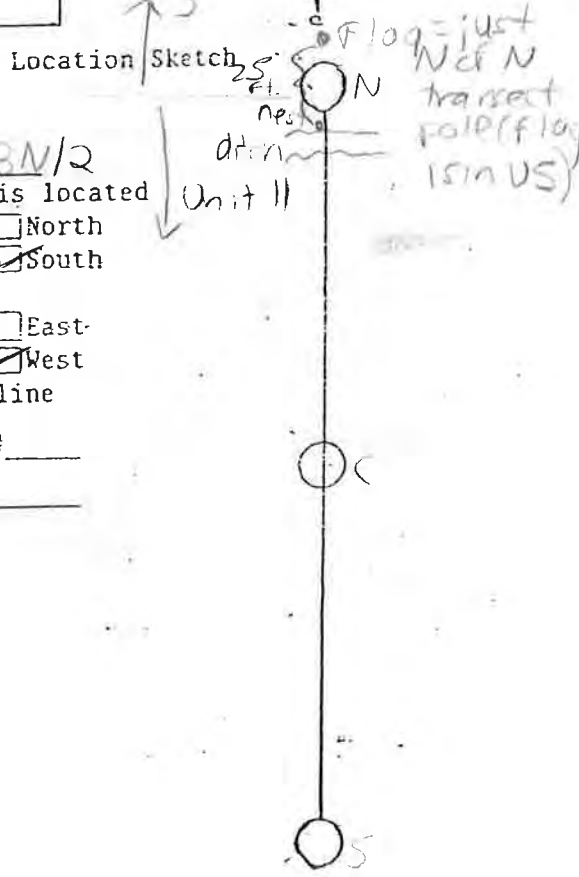
Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

Inc. stage: 23
 0 parasitic eggs
 ground moist @ nest



Notes nest is on N shore of ditch that is 100' south of transect line 133 on north end of Unit 11. The nest is almost in the water (right on shore line) and barely right of center line; flushed teal off nest

Unit # 11
 Transect # 133N/2
 Nest # 800 is located 25ft 0 in North South
 of flag and ft 6 in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield	
Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

MVNWR: (Duck) Nest FORM

Observer Vaughn Date 5 May 02 Unit # 14 Transect # 23/25
 A found nest while doing trail study, not while walking transect

FIRST VISIT

Species Mallard
 Nest # N0801
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 8
 Inc. stage
 # parasitic eggs 0

Dist. to standing H₂O 20 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded 1"-2" deep under cattails

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)

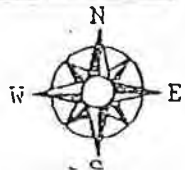
FATE VISIT

observer _____
 Date ___/___/___

(check one)

Hatch
 ___ # egg hatch
 ___ # egg remain

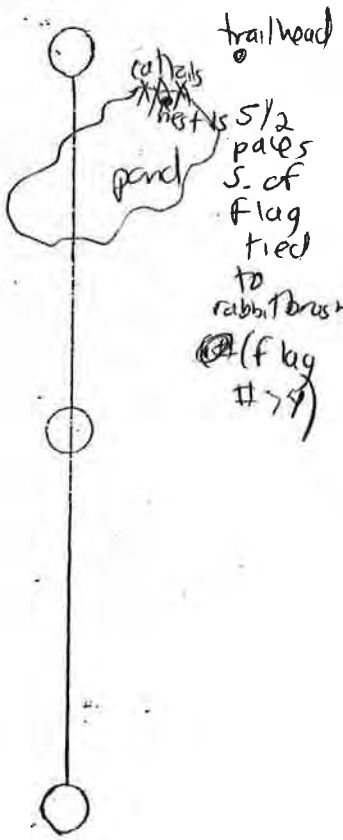
Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes nest is at least a week old

Location Sketch

Unit # 14 headquarters
 Transect # 23
 Nest # _____ is located
25 ft in North South
_____ ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

MVNWR: (Duck) Nest FORM

Observer Vaughn Date 5/22/02 Unit # 14 Transect # 23/25
 *found nest while doing trail study, not while walking transect

FIRST VISIT

Species UNOK
 Nest # ND 802
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

8 # eggs
 ? fresh Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 10 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<u>80%</u> <input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<u>20%</u> <input checked="" type="checkbox"/> Other	<u>CANE</u>

Distance of Nest from center line (ft and inches)

FATE VISIT

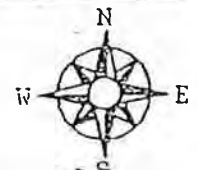
observer _____
 Date ___/___/___

(check one)

Hatch
 ___ # egg hatch
 ___ # egg remain

Abandoned
 Flooded
 Destroyed

Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

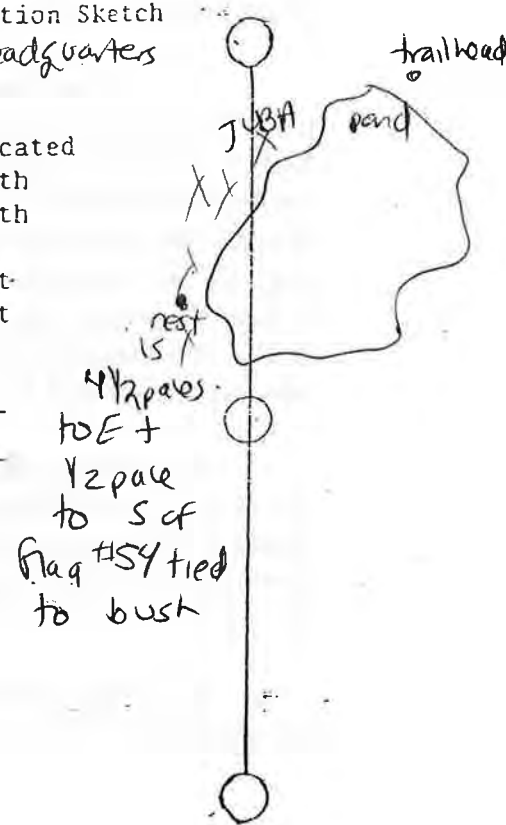


Notes _____

Location Sketch
 Headquarters

Unit # 14
 Transect # 23/25
 Nest # _____ is located
25 ft in North South
 of flag and
 _____ ft in East West
 of Transect line

Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest FORM

Observer Vaughn Date 6/19/02 Unit # 14 Transect # 23
**found while doing trail study*

FIRST VISIT

Species Mallard
 Nest # ND 805
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

7 # eggs
0 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 8 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

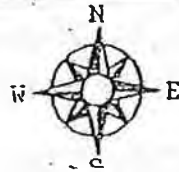
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 %
 Sx Willow
 Svc Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)
100'
~20 feet

FATE VISIT

observer _____
 Date 1-1
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes When duck flushed at, she flapped along the surface of the water, then dipped below surface and then kind of stumbled across an island; I guess she was just acting like she was injured. Really good imitation though.

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
25ft in North South
 of flag and _____ ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

an tiny island of
 brush in
 SW corner
 of pond by
 hiking trail
 (SW of center
 willow tree)

Compute Mayfield

Species ADU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 _____ Exposure days _____

MVNWR: (Duck) Nest Form

Observer Chanda Pettic Date 5/22/02 Unit # 15 Transect # 53

FIRST VISIT

Species Canada Goose
 Nest # ND 400
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

1 # eggs
- Inc. stage
- # parasitic eggs

Dist. to standing H₂O 15 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

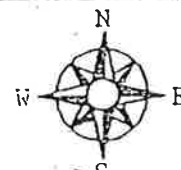
100%

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input checked="" type="checkbox"/> Sva	Bullrush <u>100%</u>
<input type="checkbox"/> Other	_____

Distance of Nest from center line (ft and inches)
2 ft. 5 inches

FATE VISIT

observer Chanda
 Date 5/22/02
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/~~maggot~~ / crow
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



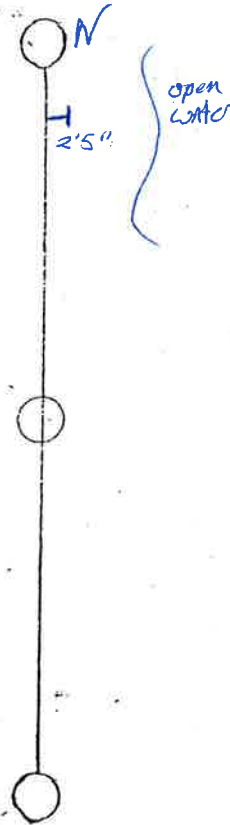
Notes _____

Nest intact, down feathers
disturbed.

Egg has the lower mandible
puncture hole indicating either
maggot, crow or raven.
None seen in the area

Location Sketch

Unit # 15
 Transect # 53
 Nest # ND400 is located
25 ft in North
 South
 of flag and
 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____	Species AOU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days
_____	are when found		

MVNWR: (Duck) Nest FORM

Observer Chanda Pottic Date 5/22/02 Unit # 15 Transect # 53

FIRST VISIT

Species Canada Goose
 Nest # ND 401
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

3 # eggs
 ___ Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O 20 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

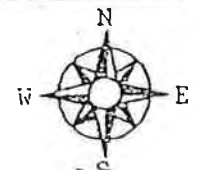
Distance of Nest from center line (ft and inches)
on line

Veg COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input checked="" type="checkbox"/> Sva	Bullrush <u>100%</u>
<input type="checkbox"/> Other	_____

FATE VISIT

observer Chanda
 Date 5/22/02
 (check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie/crow
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes Approx. 20 ft. from nest # ND 400

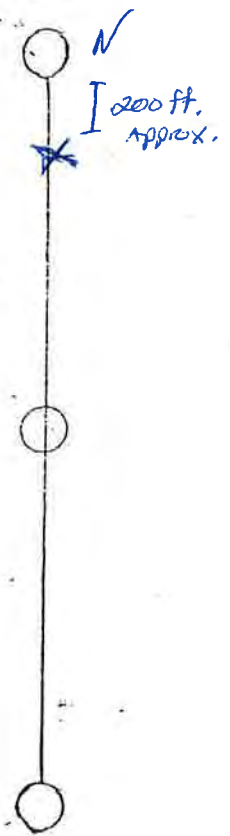
(Same conditions as ND 400)

Small puncture hole below the main hole indicates a raven or crow.

None seen in the area

Location Sketch

Unit # 15
 Transect # 31
 Nest # _____ is located
25ft in North
 South
 of flag and
 ___ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

___ Species AOU	___ Initiation date
___ # eggs hatched	___ Est. hatch date
___ # eggs remain	___ Exposure days
___ see when found	

MVNWR: (Duck) Nest FORM

Observer Chanda Pettie Date 5/22/02 Unit # 15 Transect # 53

FIRST VISIT

Veg COVER TYPE at Nest

Species Woads Lark
 Nest # ND 402
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
 Inc. stage (didn't check)
No # parasitic eggs

Dist. to standing H₂O X ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

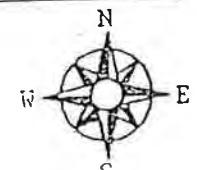
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Distance of Nest from center line (ft And inches)
right on

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input checked="" type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

FATE VISIT

observer _____
 Date / /
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes _____

Nest enclosed w/ opening at the side.

Unit # _____
 Transect # _____
 Nest # _____ is located
25ft in North
 South
 of flag and
 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ see when found	

MVNWR: (Duck) Nest FORM

Observer K. Crowder

Date 6/18/02 Unit # 15 Transect # 475

FIRST VISIT

Species Unknown Duck
 Nest # 600
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

≥) # eggs
 - Inc. stage
 - # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded water in bottom of nest

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

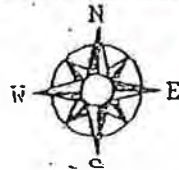
Veg COVER TYPE at Nest

100	<input type="checkbox"/> Sx	Willow
	<input type="checkbox"/> Svc	Greasewood
	<input type="checkbox"/> Crx	Rabbit brush
	<input type="checkbox"/> Dst	Salt grass
	<input type="checkbox"/> Gx	Grass species
	<input type="checkbox"/> MoF	Sweetclover
	<input type="checkbox"/> Wx	Weed species
	<input checked="" type="checkbox"/> Jba	Baltic rush
	<input type="checkbox"/> Cx	Sedge
	<input type="checkbox"/> Ex	Spikerush
	<input type="checkbox"/> Tla	Cattail
	<input type="checkbox"/> Sva	Bullrush
	<input type="checkbox"/> Other	

Distance of Nest from center line (ft And inches)
~5 ft

FATE VISIT

observer
 Date 6/18/02
 (check one)
 Hatch
 # egg hatch.
 # egg remain
 Abandoned
 Flooded or
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



*Final fate =
 Unsuccessful
 1st cause
 unknown
 KS
 14 Nov 03*

Location Sketch



Notes Down pulled out of & displaced to the side of nest - 1 egg found a few ft away - the insides eaten. Nest bowl left intact. May have been flooded then eaten or vice versa. Holes in side of egg made by upper & lower mandibles.

Sounds similar to destroyed Nests found by Store in several units + by Garcia in U9 - coyote ??

Unit # 15
 Transect # 475
 Nest # 600 is located
25 ft in North South
 of flag and 5 ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

KS
 6-25-02

Compute Mayfield

_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____		_____	Incubation days

MVNWR: (Duck) Nest FORM

Observer K. Crowder Date 5/23/02 Unit # 16 Transect # 5TN

FIRST VISIT

Species Brewer's Sparrow Veg COVER TYPE at Nest
 Nest # ~~602~~ NDG-2 % 100
 Status (check one) 602
 Active
 Hatched
 Abandoned
 Destroyed

0 # eggs
 - Inc. stage
 - # parasitic eggs

Dist. to standing H₂O ft

Soil Surface (check one)
 Dry AT Nest
 Moist alkali
 Flooded

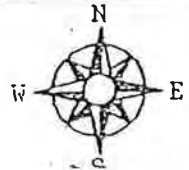
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Distance of Nest from center line (ft and inches)
1" east of in SAVE bush

Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other

FATE VISIT

observer
 Date / /
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Notes nest made entirely of SAVE stem. very bulky
of SAVE stem. ♀ was perched on top of the same bush
♀ didn't move until I came quite close. ♂ BRSP singing/chipping defensively nearby.

Location Sketch

Unit #
 Transect #
 Nest # is located
25ft in North
 South
 of flag and
 ft in East
 West
 of Transect line
 Grazing Cell #
 Paddock #



Compute Mayfield

Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

MVNWR: (Duck) Nest Form

Observer Stone Date 5/31/02 Unit # 18 Transect # 81 Mid

FIRST VISIT

Species teal (Bute or cike) % 100

Nest # 2

Status (check one)

Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
0 Inc. stage fresh
0 # parasitic eggs

Dist. to standing H₂O 30 yds ft

Soil Surface (check one) AT Nest

Dry
 Moist
 Flooded

Aerial Cover (check one)

A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Distance of Nest from center line (ft and inches) 20 inches

100

some down in Bowl

17

FATE VISIT

observer Stone

Date 31 Jul 02

(check one)

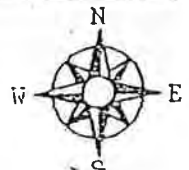
Hatch
9 # egg hatch
0 # egg remain

Abandoned
 Flooded
 Destroyed

Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other

19 June Active
 see back before entering
 ✓ w/ Kell
 24 July 02 - hatched

changed to "Moist" in entry due to notes



Notes

19 Jun
 9 eggs; No hen @ 0745. but eggs warm. Age = 19 days

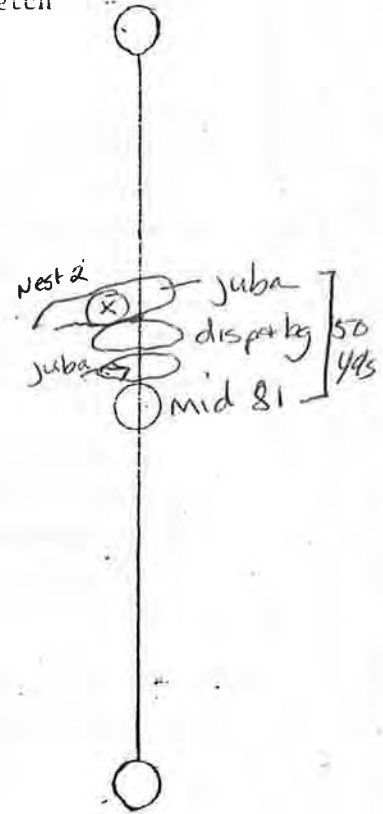
Nest is to the west of mud spot in middle of juba. My footprints in the mud

Soil under nest damp but no standing H₂O in veg, H₂O in nearby irrigation ditch (T.W.)

Location Sketch

Unit # 18
 Transect # 81 M
 Nest # 2 is located
25ft in North South
ft 20 in East West
 of Transect line

Grazing Cell # _____
 Paddock # _____



Compute Mayfield

Species AOU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 # eggs remain _____ Exposure days _____
 age when found _____

MVNWR: (Duck) Nest Form

Observer Stone Date 5/24/02 Unit # 17 Transect # 83 N/2

FIRST VISIT

Species Mall
 Nest # 3
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

1 # eggs
0 Inc. stage laying
0 # parasitic eggs

Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

% 100

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input checked="" type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

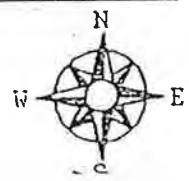
Distance of Nest from center line (ft And inches)

7 ft

FATE VISIT

observer Stone
 Date 7/23/02

(check one)
 Hatch
11 # egg hatch
0 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



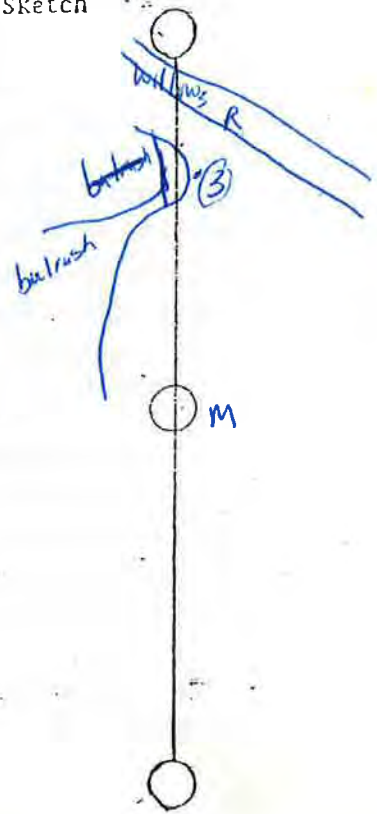
Notes Small piece of flagging
Above nest

19 June 02
 Active

11 eggs @ ~ 19-20 days.
 hen did not flush off Nest until I was almost touching her.

Location Sketch

Unit # 17
 Transect # 83N
 Nest # 3 is located
 25ft in North
 South
 of flag and
7 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ are when found	

MVNWR: (Duck) Nest Form

Observer Stone Date 5/4/02 Unit # 17 Transect # 89

FIRST VISIT

Species Mall
 Nest # 1
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

12 # eggs
0 # parasitic eggs
 Dist. to standing H₂O 0 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded 2 ft

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 %

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input checked="" type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

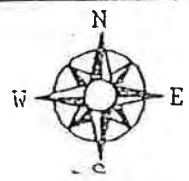
Distance of Nest from center line (ft and inches)
3³

FATE VISIT

observer _____
 Date 1-1-

(check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

Not Relocated
 For future get gas
 UTM point for Mla - esp in U17 w/ Pelk



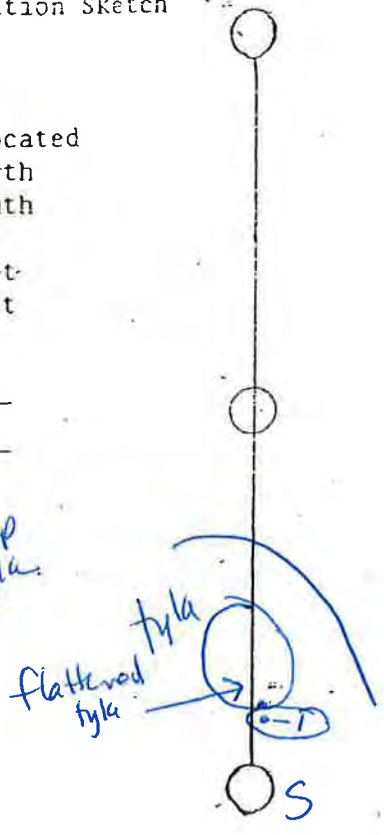
Notes Small flagging Above nest

Location Sketch

Unit # 17
 Transect # 89
 Nest # 1 is located
25 ft in North
 South
 of flag and 3 ft 3 in East
 West
 of Transect line

Grazing Cell # _____
 Paddock # _____

In first clump of upright tyla on east



Compute Mayfield

_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days
_____	age when found		

Waterfowl Production Survey

Observer Stone Date 6/19/02 Unit # 17 Transect # 81 M

FIRST VISIT

Species Mall
 Nest # NDS
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

8 # eggs
0 Inc. stage fresh
0 # parasitic eggs

Dist. to standing H₂O 30 yds ft
irrigation ditch to west

Soil Surface (check one)
 Dry
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

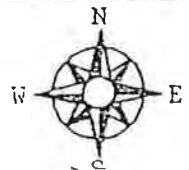
Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other 10%

SECOND VISIT-Fate

Date / /

(check one)
 Hatch
 / # egg hatch
 / # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other



Notes off line, ~ 16 ft
to W of CL

in Juba stands mixed
of box disp patches, soil
saturated to 1", was
flooded in May.

Nest in edge of Juba

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
25 ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ age when found	

MVNWR: (Duck) Nest FORM

Observer Stone

Date 20 May 02

Unit # 18

Transect # 101 1/2

FIRST VISIT

Species NOSH
 Nest # ND 1
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 9
 Inc. stage fresh
 # parasitic eggs 0

Dist. to standing H₂O 5 ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

veg COVER TYPE at Nest

%	<input type="checkbox"/>	Sx	Willow
	<input type="checkbox"/>	Sve	Greasewood
	<input type="checkbox"/>	Crx	Rabbit brush
	<input type="checkbox"/>	Dst	Salt grass
	<input type="checkbox"/>	Gx	Grass species
	<input type="checkbox"/>	MoF	Sweetclover
	<input type="checkbox"/>	Wx	Weed species
<u>55</u>	<input checked="" type="checkbox"/>	Jba	Baltic rush
<u>45</u>	<input checked="" type="checkbox"/>	Cx	Sedge
	<input type="checkbox"/>	Ex	Spikerush
	<input type="checkbox"/>	Tla	Cattail
<u>5</u>	<input checked="" type="checkbox"/>	Sva	Bullrush
	<input type="checkbox"/>	Other	

Distance of Nest from center line (ft and inches)
8 ft 9 in

FATE VISIT

observer _____
 Date / /

(check one)

Hatch
 ___ # egg hatch
 ___ # egg remain

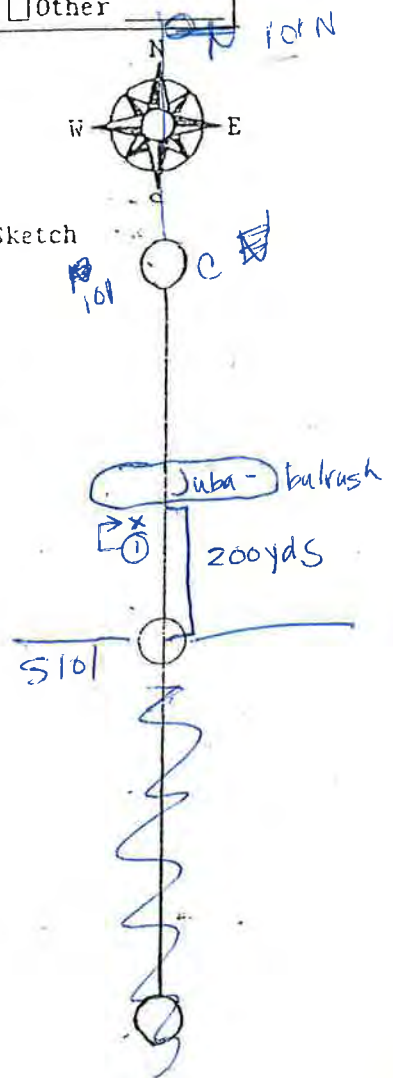
Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other

June 2002
 NON DUCK FORMS

Location Sketch

Unit # 18
 Transect # 101 1/2
 Nest # 1 is located
25 ft in North
 South
8 ft in East
9 ft in West
 of Transect line

Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days
_____	acc when found		

MVNWR: (Duck) Nest FORM

Observer K. Crowder

Date 6/20/02 Unit # 18 Transect # 89S

FIRST VISIT

Species NOPI
 Nest # 602
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

8 # eggs
19 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O 6 ft

Soil Surface (check one)
 Dry
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75%
 B. 75-50%
 C. 50-25%
 D. 25-0%

use Emp candle data bcs he has a lot more experience @ candling KS

Ron also found Nest candle egg @ 8 days KS

Veg COVER TYPE at Nest

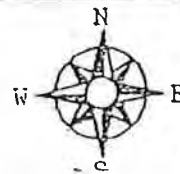
<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input checked="" type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	

55%
45%

Distance of Nest from center line (ft and inches)
 ? Can't see 2 posts to line up, but I believe I'm close

FATE VISIT
 observer Stone
 Date 7/25/02

(check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other Weasel



Mink same predator as CDW nest & saved eggs.

Location Sketch

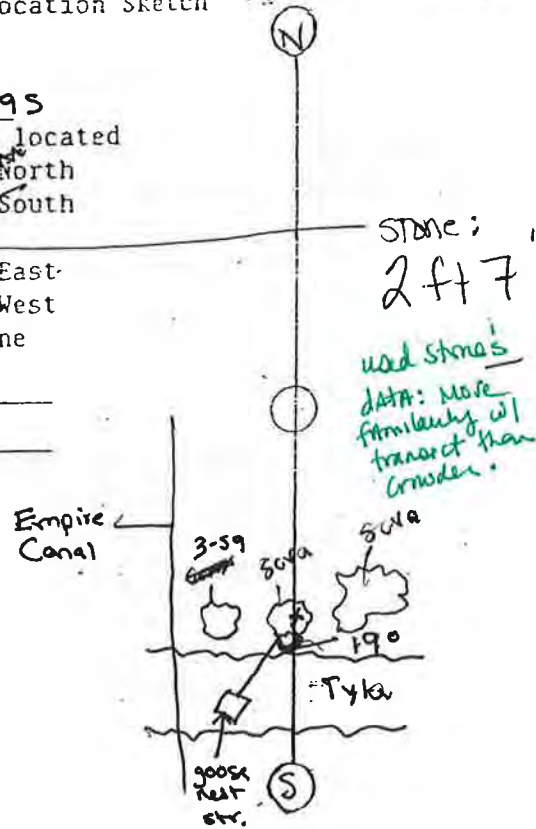
Notes Comes out of a patch of tall Tyla, where Tyla ends there is a small patch of 3-square, then a small patch of bullrush to the E of it (not NE). Nest is in there. Mudflat dir. to S (small) Goose nest structure is 19° from where I'm standing.

Unit # 18
 Transect # 89S
 Nest # 602 is located
25 ft in North
 South

2 of flag and
0 ft 0 in East
 West
 of Transect line

Grazing Cell # _____

Paddock # _____



7:25:02

IN 2001 Stone found NEST w/in ~ 10 yards of this nest, 2001 NEST in suba not bullrush.

Compute Mayfield

Species AOU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

MVNWR: (Duck) Nest FORM

Observer K. Crowder Date 6/20/02 Unit # 18 Transect # 93N

FIRST VISIT

Species GADW
 Nest # 601
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs 8
 Inc. stage 12
 # parasitic eggs 0

Dist. to standing H₂O - ft _____

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

VEG COVER TYPE at Nest

%	<input type="checkbox"/>	Sx	Willow
	<input type="checkbox"/>	Sve	Greasewood
	<input type="checkbox"/>	Crx	Rabbit brush
	<input type="checkbox"/>	Dst	Salt grass
	<input type="checkbox"/>	Gx	Grass species
	<input type="checkbox"/>	MoF	Sweetclover
	<input type="checkbox"/>	Wx	Weed species
95%	<input checked="" type="checkbox"/>	Jba	Baltic rush
	<input type="checkbox"/>	Cx	Sedge
	<input type="checkbox"/>	Ex	Spikerush
	<input type="checkbox"/>	Tla	Cattail
	<input type="checkbox"/>	Sva	Bullrush
5%	<input checked="" type="checkbox"/>	Other	<u>Lela</u>

Distance of Nest from center line (ft and inches)
 ~ 6.5

FATE VISIT

observer Stone
 Date 7/25/02

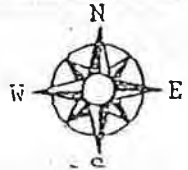
(check one)

Hatch
 # egg hatch _____
 # egg remain 8

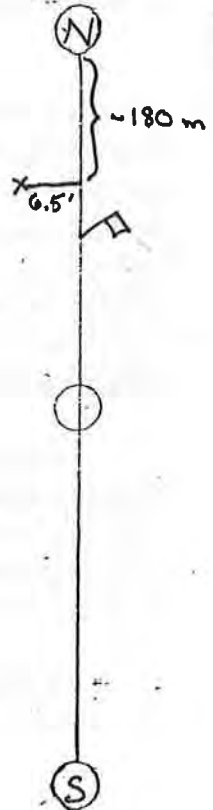
Abandoned
8 eggs present. Bowl covered

Flooded w/ ~~up~~ down IR

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch



Notes 1/2 miles from flag, 1/2
pace to N post
♀ flushed.

Unit # 18
 Transect # 93N
 Nest # 601 is located
25ft 0 in North
 South
6 ft 5 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield

_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

MVNWR: (Duck) Nest FORM

Observer K. Crowder

Date 6/20/02 Unit # 18 Transect # 935

935

FIRST VISIT

Species Mourning Dove
 Nest # ND608
 Status. (check one)
 Active
 Hatched
 Abandoned
 Destroyed

2 # eggs
 - Inc. stage
 - # parasitic eggs

Dist. to standing H₂O - ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

% 100%

<input type="checkbox"/> Sx	Willow
<input checked="" type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

Distance of Nest from center line (ft And inches)
4

FATE VISIT

observer _____
 Date / /

(check one)

Hatch
 _____ # egg hatch
 _____ # egg remain

Abandoned

Flooded

Destroyed

- Raven/magpie
- Skunk
- Raccoon
- Coyote
- Unknown
- Other _____



Location Sketch

Notes Platform nest of grasses
& tough veget. ♀ flushed &
performed distraction display.

Unit # 18
 Transect # 935
 Nest # ND608 is located
25ft in North
 South
 of flag and
4 ft 0 in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

Species ADU _____	Initiation date _____
# eggs hatched _____	Est. hatch date _____
	Exposure days _____

MVNWR: (Duck) Nest FORM

Flag present but
Nest chewed off
+ on ground nearby

Observer Stone Date 6/21/02 Unit # 18 Transect # 101 N

FIRST VISIT

Species Teal ^{Gile Bwke}
 Nest # 7
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

11 # eggs
 Inc. stage
 # parasitic eggs Brown Pond
 Dist. to standing H₂O 5 ft ^{or 5 101 pole}

Soil Surface (check one)
 Dry ^{AT Nest}
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

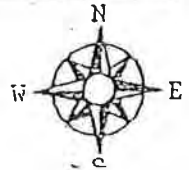
Veg COVER TYPE at Nest
 %
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)
18" E of CL

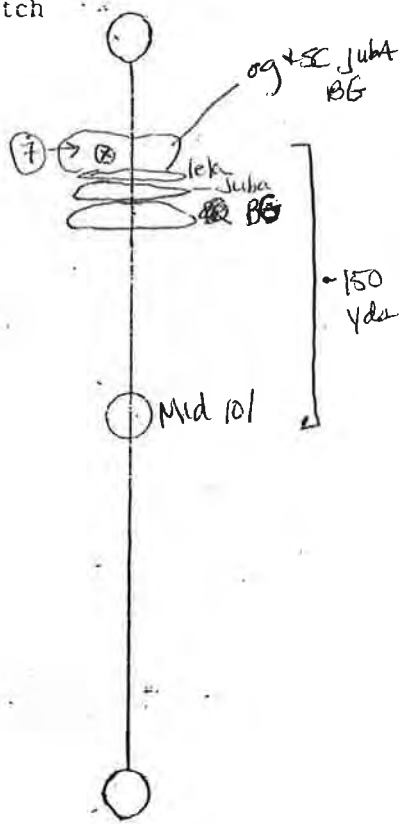
FATE VISIT

observer Stone
 Date 7,23,02
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____

detached membranes
 a few (2-3) "caps" found
 finely crushed shells w/ large fragments
 nest not covered though



Location Sketch



Notes closer to M pole than S

* Photos taken for teal nest dry nest + "poor" nest hab.

- Nest in Juba but close to South (~3ft)

in area of fairly scattered Juba there are areas of denser Juba in area -
 Transects 103

Unit # 18
 Transect # 101
 Nest # 7 is located 25ft in North South
18 ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield

Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

MVNWR: (Duck) Nest FORM

I have seen more of this type of predation this yr than I have in yrs of walking (1999-2002).
Very dry yr - coyotes? Coyotes have more access in dry yrs?

Observer Stone Date 6/21/02 Unit # 18 Transect # 101 N

FIRST VISIT

Species Mall
 Nest # ND8
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
 ___ Inc. stage
 ___ # parasitic eggs

Dist. to standing H₂O ___ ft
Down Pond or S/Ol Pole
 Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

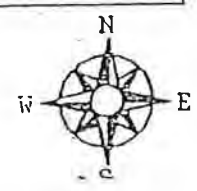
100 %
5 eggs
100

Distance of Nest from center line (ft and inches)

FATE VISIT

observer _____
 Date 6/21/02
 (check one)
 Hatch
 ___ # egg hatch
 ___ # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other

* in area of lge (~200 yd ±) patch of dense juba w og fly patches
 Nest bowl
 down spread



Location Sketch

Notes Down spread out on juba tops
egg shells found
large pieces of egg - 1/2 egg
NO mandible hole found on any of the 5 eggs
Not crushed but entire half of egg gone

Unit # _____
 Transect # _____
 Nest # _____ is located
25ft in North South
 of flag and
 ___ ft in East West
 of Transect line
 Grazing Cell # _____
 Paddock # _____

Pictures taken
 - Nest is 4 paces (~20 ft) W of center line
 - ND8 is ~20ft N of ND9.

Have found this type of sign (down pulled out + spread out) in several Nests
 : 3 on 101, 103 + 105 U18
 1 on 2 of the transects
 1 on the east half of U7 (Ts 55-71) Swalked in U9

* Also fairly lge (~10") hole or opening in dense juba @ nest - point is that something

Compute Mayfield

Species ADU	Initiation date
# eggs hatched	Est. hatch date
# eggs remain	Exposure days

MVNWR: (Duck) Nest FORM ^{near} on T line N of NDS+9

coyote scat found in 2 places

Observer Stone

Date 6/21/02 Unit # 18 Transect # 101N

FIRST VISIT

Species Mall
 Nest # ND9
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

eggs - only found 1 egg
 Inc. stage but ↑ down
 # parasitic eggs suspect of her eggs taken

Dist. to standing H₂O Bowen Pond or S lol pole ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

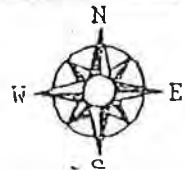
% 100%

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input checked="" type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	

Distance of Nest from center line (ft and inches)
W of Center line 25 ft

FATE VISIT

observer _____
 Date 6/21/02
 (check one)
 Hatch
 # egg hatch _____
 # egg remain _____
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes 1 egg found at bowl
Broken but not eaten, yolk
inside (-photo)

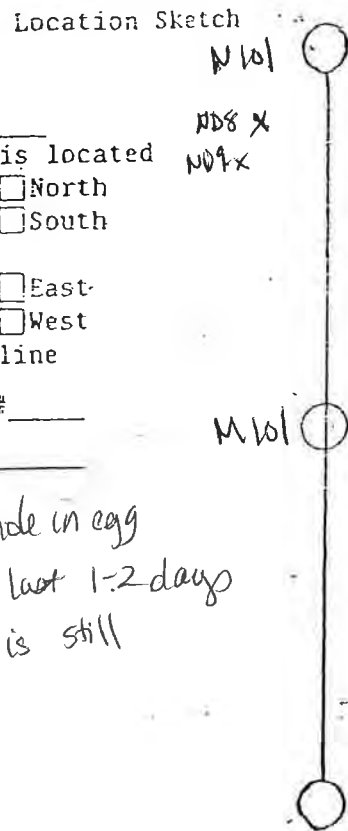
Down pulled out & above
Nest

Opening in juba over nest,
nest bowl clearly visible
from above - from
being predated.

Assume Believe it is same predator
as that of NDS - ND8
is ~ 20 ft to North

Notes on hab + predator type
for NDS apply to this nest as well

- no mandible hole in egg
 - predated w/in last 1-2 days
because yolk is still
sticky-running



The veg around NDS + ND9 is NOT
TORN apart nor trampled except
for down yolk never suspect
something was at Nest.

Compute Mayfield

_____	Species ADU	_____	Initiation date
_____	# eggs hatched	_____	Est. hatch date
_____	# eggs remain	_____	Exposure days

MVNWR: (Duck) Nest FORM

Observer Vaughn

Date 6/18/02 Unit # 20 Transect # 27 1/2

FIRST VISIT

Species MODO
 Nest # ND 803
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

2 # eggs
 — Inc. stage
 ○ # parasitic eggs

Dist. to standing H₂O — ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

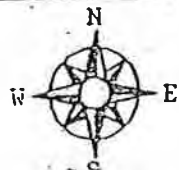
Veg COVER TYPE at Nest

100% Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches)

FATE VISIT

observer _____
 Date 1-1
 (check one)
 Hatch
 — # egg hatch
 — # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes _____

Unit # _____
 Transect # _____
 Nest # _____ is located
25 ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

Species ADU _____ Initiation date _____
 # eggs hatched _____ Est. hatch date _____
 Exposure days _____

MVNWR: (Duck) Nest Form

Observer Vaughn

Date 6/18/02 Unit # 20 Transect # 33 ~~92~~ N/2

FIRST VISIT

Species Sage Thrasher
Nest # ND 804
Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
 Inc. stage
0 # parasitic eggs

Dist. to standing H₂O ft

Soil Surface (check one) AT Nest
 Dry
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

100% Veg COVER TYPE at Nest
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from center line (ft and inches) _____

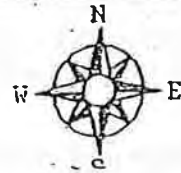
FATE VISIT

observer _____
Date / /

(check one)

Hatch
 # egg hatch
 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes _____

Unit # _____
Transect # _____
Nest # _____ is located
25 ft in North
 South
of flag and
 ft in East
 West
of Transect line
Grazing Cell # _____
Paddock # _____



Compute Mayfield
____ Species ADU ____ Initiation date
____ # eggs hatched ____ Est. hatch date
____ Pressure days

MVNWR: (Duck) Nest FORM

Observer K. Crowder

Date 6/17/02 Unit # 21 Transect # 41S 1/2

FIRST VISIT

Species Sage Thrasher
 Nest # ND606
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

5 # eggs
 - Inc. stage
0 # parasitic eggs

Dist. to standing H₂O - ft _____

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

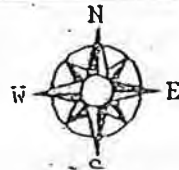
Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 %
 100%
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

Distance of Nest from
 center line (ft And inches)
~ 5 ft

FATE VISIT

observer _____
 Date 1-1
 (check one)
 Hatch
 # egg hatch.
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes Nest made of bulky greasewood stems, lined w/ coarse & other hair/fur. About 1/2 ft off the ground in a greasewood bush. 5 turquoise (bright) blue eggs blatched w/ cinnamon & brown. ♀ flushed silently & then came back & perched on greasewood nearby.

egg dimensions

Unit # 21
 Transect # 41S 1/2
 Nest # ND606 is located
25ft in North South
of flag and
5 ft 0 in East West
of Transect line
 Grazing Cell # 12
 Paddock # _____



Compute Mayfield

Species AOU _____ Initiation date _____
 # EGGS hatched _____ Est. hatch date _____
 Exposure days _____

MVNWR: (Duck) Nest FORM

Observer K. Crowder Date 6/17/02 Unit # 21 Transect # 49N¹/₂

FIRST VISIT

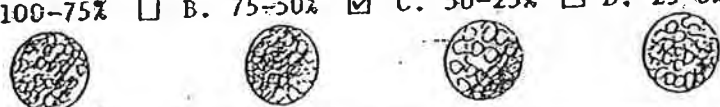
Species Horned Lark
 Nest # ND607
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
 - Inc. stage
 - # parasitic eggs

Dist. to standing H₂O - ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%



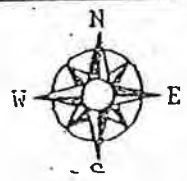
Veg COVER TYPE at Nest

<u>75%</u>	<input type="checkbox"/> Sx Willow
	<input checked="" type="checkbox"/> Sve Greasewood
	<input type="checkbox"/> Crx Rabbit brush
<u>25%</u>	<input checked="" type="checkbox"/> Dst Salt grass
	<input type="checkbox"/> Gx Grass species
	<input type="checkbox"/> MoF Sweetclover
	<input type="checkbox"/> Wx Weed species
	<input type="checkbox"/> Jba Baltic rush
	<input type="checkbox"/> Cx Sedge
	<input type="checkbox"/> Ex Spikerush
	<input type="checkbox"/> Tla Cattail
	<input type="checkbox"/> Sva Bullrush
	<input type="checkbox"/> Other _____

Distance of Nest from center line (ft And inches)
 ~ 2 1/2 ft

FATE VISIT

observer _____
 Date 1-1
 (check one)
 Hatch
 # egg hatch
 # egg remain
 Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch



Notes Eggs light blue w/ dense brown speckles on them. Cup nest - under tiny greasewood < 1/2' lined w/ saltgrass & a few feathers. On ground. ♀ Flush.

↑
dimensions

Unit # 21
 Transect # 49N¹/₂
 Nest # ND607 is located
25ft in North
 South
of flag and
2 ft 6 in East
 West
of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield

_____ Species AOU _____ Initiation date
 _____ # eggs hatched _____ Est. hatch date
 _____ _____ _____ Incubation days

MVNWR: (Duck) Nest FORM

Observer K. Crowder Date 5/23/02 Unit # 23 Transect # 73

FIRST VISIT

Species COSN
 Nest # 1122 ND604
 Status (check one) 603
 Active
 Hatched
 Abandoned
 Destroyed

4 # eggs
 - Inc. stage
 - # parasitic eggs

Dist. to standing H₂O ~30 m ft

Soil Surface (check one) AT Nest
 Dry
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input checked="" type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

Distance of Nest from center line (ft And inches)
2 ft W of it

FATE VISIT

observer _____
 Date / /

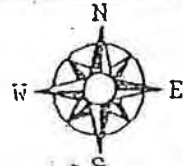
(check one)

Hatch
 _____ # egg hatch
 _____ # egg remain

Abandoned

Flooded

Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes 4 heavily spotted brown eggs in cup nest made of grass (Carex)
♀ flushed & performed distraction display - ~~swam~~ pothole with water nearby (at far SW corner of unit).

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
25 ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Non-duck

MVNWR: (Duck) Nest FORM

Observer K. Crowder

Date 5/20/08 Unit # 24 Transect # 109 S

FIRST VISIT

Species UNSP
 Nest # 683 ND600
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

3 # eggs
- Inc. stage
0 # parasitic eggs

Dist. to standing H₂O - ft

Soil Surface (check one)
 Dry **AT Nest**
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 %

<input type="checkbox"/> Sx	Willow
<input type="checkbox"/> Sve	Greasewood
<input type="checkbox"/> Crx	Rabbit brush
<input type="checkbox"/> Dst	Salt grass
<input type="checkbox"/> Gx	Grass species
<input type="checkbox"/> MoF	Sweetclover
<input type="checkbox"/> Wx	Weed species
<input type="checkbox"/> Jba	Baltic rush
<input type="checkbox"/> Cx	Sedge
<input type="checkbox"/> Ex	Spikerush
<input type="checkbox"/> Tla	Cattail
<input type="checkbox"/> Sva	Bullrush
<input type="checkbox"/> Other	_____

Distance of Nest from
 center line (ft and inches)

FATE VISIT

observer _____
 Date / /

(check one)

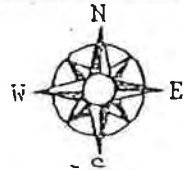
Hatch
 _____ # egg hatch
 _____ # egg remain

Abandoned

Flooded

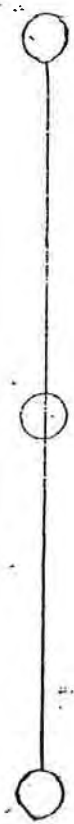
Destroyed

- Raven/magpie
- Skunk
- Raccoon
- Coyote
- Unknown
- Other _____



Notes light blue with brown specks, flushed ♀ lined with fine grasses.

Location Sketch



Unit # _____
 Transect # _____
 Nest # _____ is located
 _____ 25ft in North
 South
 _____ of flag and
 _____ ft in East
 West
 _____ of Transect line
 Grazing Cell # _____
 Paddock # _____

Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

Non-duck

MVNWR: (Duck) Nest FORM

Observer K. Crowder

Date 5/20/02 Unit # 24 Transect # 119N

FIRST VISIT

Species UNSP
 Nest # ~~ND601~~
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

3 # eggs
- Inc. stage
0 # parasitic eggs

Dist. to standing H₂O far ft

Soil Surface (check one)
 Dry **AT Nest**
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest
 %
 Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 KOSC Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other

Distance of Nest from center line (ft and inches)

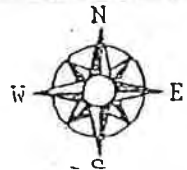
FATE VISIT

observer _____
 Date / /

(check one)

Hatch
 # egg hatch
 # egg remain

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Location Sketch

Notes grass-lined bowl, 3 eggs -
light blue with cinnamon spots,
SAYS singing nearby. Online,
Flush ♀.

Unit # _____
 Transect # _____
 Nest # _____ is located
 25ft in North
 South
 of flag and
 ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species AOU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days

MVNWR: (Duck) Nest Form

Observer Stone Date 6/18/02 Unit # 24 Transect # 103 S
123

FIRST VISIT

Species Amav
 Nest # ND4
 Status (check one)
 Active
 Hatched
 Abandoned
 Destroyed

3 # eggs
 Inc. stage _____
 # parasitic eggs _____

Dist. to standing H₂O 25 Yds ft

Soil Surface (check one)
 Dry AT Nest
 Moist
 Flooded

Aerial Cover (check one)
 A. 100-75% B. 75-50% C. 50-25% D. 25-0%

Veg COVER TYPE at Nest

% Sx Willow
 Sve Greasewood
 Crx Rabbit brush
 Dst Salt grass
 Gx Grass species
 MoF Sweetclover
 Wx Weed species
 Jba Baltic rush
 Cx Sedge
 Ex Spikerush
 Tla Cattail
 Sva Bullrush
 Other _____

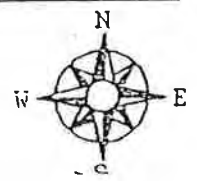
0 Distance of Nest from center line (ft and inches)

FATE VISIT

observer _____
 Date / /

(check one)
 Hatch
 # egg hatch _____
 # egg remain _____

Abandoned
 Flooded
 Destroyed
 Raven/magpie
 Skunk
 Raccoon
 Coyote
 Unknown
 Other _____



Notes In 24E impoundment,
on mudflat @ end
of most N pond.

* gauge 0.74

Suspect more Amav
Nests in area.

Walked edge of mudflat
but only found 1 nest.
Not intensive search

Location Sketch

Unit # _____
 Transect # _____
 Nest # _____ is located
25ft in North
 South
 of flag and
 _____ ft in East
 West
 of Transect line
 Grazing Cell # _____
 Paddock # _____



Compute Mayfield

_____ Species ADU	_____ Initiation date
_____ # eggs hatched	_____ Est. hatch date
_____ # eggs remain	_____ Exposure days
_____ are when found	

Bird Data Sheets

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: _____

Observer: _____

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
W	5		3/99			
B. H. Cootbird	1	SC	3/99	UD		
Common Noddy	1	BWT	3/99	UD		
Common Noddy	1	EWS	3/97	FLC		
Green Tailed Tropicbird	1	SS	3/95	UD		
Mongoose	1	EWS	3/95	UD		
Orange Rumped Warbler	1	SS	3/95	NS		
Wedge Tailed Shearwater	4	SC	3/95	FL		
Common Noddy	2	BWT	3/93	FO		
B. H. Cootbird	3	SC	3/93	RLB		
Common Noddy	1	EWS	3/93	UD		
* Ground Squirrel			3/93 mud area			

Number: _____
X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
Date: 5-
Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Comments
WHTL	3, 2, 2	DE	U/T 2, 3, 4	RL/NS	
NASH	2, 1	DE		RL	
COOT	1, 4	DE		FO	
YHBL	X	DE		NS	
RWBL	X	DE		NS	
CA60	5	DE		RL	3 eggings nest on island center of island
JNEG	1	SH		FO	pond w egg shells nearby
MOBO	6	SS/GR		NS	
CITE	1, 2	DE		RL	
WEME	2	SS/GR		NS	
GROW	2	DE		NS	
Magpie	1	EMT		FL	
Redhead	2	DE		RL	
NOPI	1	DE		FL/RL	
WHT	2	DE		FL	
AMRV	3, 1, 2	SH	U/T 3, 4	FO/NS	
WHT	8, 7	DE/SH		FO	
WHTL	7	DE		FO/RL	
GROW	5	DE		FO/RL	
Redwings	2	DE		RL/FO	
COOT	2, 5	DE		"	
CITE	2	DE		"	
YHBL	X	EMT		NS	
CA60	2	EMS		NS	

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
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 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

*entered
8 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 May '08 Observer: Cauder & Parkinson

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
SAYS	1	SS	U4HT113N	NS		s
BHCO	1	EMT		NS		s
AMAV	1	MF		FL/NS		c
BHCO	2	SS		RL		
SAYS	2	SS		NS		s
Sack Rabbits	2	SS		(running)		
UNDU						nest between T113N & T115N posts. ↓ down, no egg or shells. 0% cover.
MVNR	x	EMT	U4HT115N	NS		in Tyla & John. Nest pulled to 1 side. Very dry. No body parts.
VESP	1	SS		NS		s
SOSP	1	SS		NS		s
WEME	1	SS		NS		s
AMAV	1	MF		NS		s
WFB	1	MF		FO		
SOSP	1	EHT		NS		s
AMAV	1	MF		NS		s
MALI	2	MF		FL		Flash
coyote/dog prints	2	MF		♀ pup?		
goose nest off transect on a mound of cattails near MF edge - eggshells still hold their shape, so I assume it's this years nest or better mound						
another similar nest mound on-line, but no eggshells						
- 1 ft E of line						
KILL						
		MF		NS		c

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 20 May 02
 Observer: Steve + Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
Coye Sora	1		18/T87	NS		
Mall	1		18/T97 1/2	NS		
part of nest	6	sdm		NS		1 depredated d egg, carvid
Rubb	x	sdm		NS		
Mode	82	SS	1895/2	-		?
EIK	10	SS	1899/2			
Vire	1	EMS	1891/2	NS		21 May
M. Wren	↓					
G. Snipe	1	↑				
Sora	1	↑				
EIK	-	EMT				tracks in hyla, seem more parallel than recent post.
S. Sparrow	~25	EMT/EMS		UD		
Duck spc	~25	MF				Depredated, evidence of sw+hyla-
Mall	50 eggs	MF				
Sussex Hawk	2	chd hka	Empire Canal + T93 NS	NS		
Mourningbird	1	3 ↓		NS		
Kill	~10	MF	18 T96 Mid	NS		on/near cleaned out canal
four sp	1 ♀	↑	18 T98 N/2	NS		suspect nest
four sp	1 ♀	↓	18 T91 W/D	NS		"
Marsh Wren	↓	EMT	18 T91 N/2	NS		yes

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges, MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loading
 FL = Flying
 UD = Undetermined

6-24-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 30 May 2002 Observer: Crowder & Parkinson

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Egg/Lyng	Comments
BTLH	1	MF	U247115 ^m	FL		♂
TUVU	2	GR	U247115 ^s	FL		
MALF ♀	1	FMS		FL		flush off-line, couldn't find nest
SOSP	1	GR		NS		
BHCO	1	GR		NS		
SANS	1	SS		NS		
VEBP	1	SS		NS		
YEMA	1	willow		NS		
WCSP	1	SS		NS		
RTHA	1	SS		FL		
SATF	1	SS		NS		
NOSH	2	ENT	U247115	FL		flush, ditch
SORA	1	FMS		NS		
SAYS	1	FHT		NS		
MAWR	X	EMT		NS		
COYE	1	"		"		
BHCO	1	SS		NS		
CGSN	1	GR		NS		willow
5-6 ELK w/ yng (2 yrs) in UIC	1	GR/SS		NS		
WEME	1	GR/SS		NS		
CORA	1	"		FL		
chorus frogs						
VEBP	1	GR/SS		NS		
SAYS	1	"		"		

Number: X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- FMS = Short Emergent/Wet Meadow (rush, sedges, Mud Flat/Shore (unvegetated flat/shore))
- FHT = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

9-4-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 May 2002 Observer: K. Grainger & A. Parkinson

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
WEME	2	GR	U24T109%	NS	-	singing
SAYS	1	GR				
YESP	1	GR				
CORA	1	GR				
UNSP	1	GR		NS	3 eggs	If blue w/ brown speck, Flush ♀
CORA	1	GR		FL		call
CAGO	4	GR		FL		
COSN	1	GR		NS		window
YESP	2	GR		NS		s
SASP	1	GR		NS		s
YHBL	0	GR		NS		s
WEME	1	GR		NS		s
BRSP	1	SS		NS		s
SOSP	1	SS		NS		s
BRSP	1	SS		NS		s
BRBL	1	SS		FL		c
MALL	4	GR/SS		FL		flush
COSN	1	"		NS		window
CORA	2	"		FL		flying F
SAYS	1	"	U24T109%	NS		s
KILL	1	"		UD		call
BCNH	1	"		UD		call
YESP	1	"		NS		s
UNEG	2	"		FL		s

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

9-4-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 May '02 Observer: Crawford & Parkinson

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
BRSD	1	SS	U24T109 1/2	NS		s
HOOD	1	SS		FL		
SAYS	1	SS		NS		s
SOSP	1	BR		NS		s
BRBL	3	GR		FL		
GADW	1	GR		FL		Flush
WFB	12	GR	U24T111 1/2	FL		
BWBI	0	GR		NS		s
SAYS	1	SS		NS		s
BHCO	1	SS		NS		s
SAYS	1	SS		NS		s
BHCO	1	SS		NS		s
SAYS	1	SS		NS		s
BHCO	1	SS		NS NS		s
SOSP	1	NS		NS		s
ANAV	2	FL/NS		FL/NS		Call
BLH	1	FL		FL		
SNEG	1	FL		FL		
BHCO	1	FL		FL		Call
VEED	1	GR	U24T113 1/2	NS		s
BRSD	1					s
WEME	1					s
BHCO	4	SS		RL		s
SAYS	1	SS		NS		s
SOSP	1	EMT				
HAWR	1	EMT				

Number: X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges, Mud Flat/Shore (unvegetated flat/shore)
- MF = Shrubland (dominated by greasewood, rabbitbrush)
- SS = Deep water (>2')
- DE = Shallow water (<2')
- SH = Saltgrass (salt grass, alkali sacaton flats)
- SG = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

9-4-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 May '02 Observer: Crowder & Parkinson

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
WGSW	20	SS	W4T119N	FL/FR		
BRSP	1	SS		NS		s
YESP	1	SS		NS		s
SAYS	1	SS		NS		s
()NSP	1	GR/wed		NS	3 eggs	great-lined bowl under KOSC, 3 eggs - fl blue w/ rimmings spots, SAYS
						simple muddy, 0-25% cover, dry.
						get to water. On live.
SOSP	1	grass		NS		s
HOLA	1	"		NS		s
SOSP	1	EHS		NS		s
chous frogs						
HAWR	X	EHT		NS		s
YHBL	X	EHT		NS		s
(OSN	2	EHT				s
SORA	1	↑				↑
WFB	1	↑		FL		call
KILT	1	MF		NS		call
SAYS	1	EHS		NS		s
SORA	1	EHT	W4T121S	FL		
RWBL	X	↑		RL		
YHBL	X	↑		RL		
(OSN	1	EHT		UD		call
(OSN	1	EHS		RL		flush

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 EMT = Tall Emergent (Cattail, bulrush)
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 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

9-S-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 May '02 Observer: Crawford & Parkinson

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
GADW	2	MF	U24T21	FL		Flush
AMAV	4	"		NS/FL		↑/c
KILL	1	"		NS		c
CAGO	13	SW		FL		Flush
UNDU	40	SW		FL		↑
SARS	1	SS		NS		5
BWTE	2	SW		FL		Flush
NASH	2	SW		↑		↑
SPSX	1	SW/MF		FL		Flush
AMAV	20	SW	U24T23	NS		call
WIPT	3	SW		FO		
KILL	2	MF		NS		5
ATHO	30	SW		RL		
LEBO?	17	MF/SW		FO		
WIFB	6	MF/SW		FO		
WIPT	8	SW		FO		
SOSP	1	GR		NS		5
WIFB	5	MF		FL		
DAVS	1	GR		NS		5
BNST	2	MF		FO		
KILL	1	EMS		FL/NS		call/flush
WIFB	3	MF		FL		Flush
WIPT	2	EMS		UD		flushed
COSN	2	EMT		NS		Winged

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
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Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

9-5-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5-20-02

Observer: Koughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
Unidentified Sparrow	2	SS	U11/T1415/2	NS		
Dark rabbit	1	SS	U11/T1415/2	UD		
Par NORT	2	EMS	U11/T1415/2	RL		
Par NOSTH	6	EMS	"	RL		
Par CITE	2	EMS	"	RL		
BMV	1	EMS	"	NS		
MVWR	8	FMT	"	NS		probably nesting in cattails
Par GBDW	2	EMS	"	FL		
SNEG	1	EMS	"	FL		
CITE SOUTHERN	1	SS	US/T1415/2	FL		
Par NOSTH	2	EMS	US/T1395/2	RL		
Par NOSTH	1	SS	U11/T1395/2	FL		
Par N	2	EMS	U11/T1395/2	RL		
MFL pair	2	EMS	U11/T1395/2	RL		
GBW pair	2	SH	"	RL		
with	7	SH	"	FO		
Par hooded crow	2	EMS	"	RL		
MOO	1	SS	"	RL		

Number: X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Nesting/Singing/Singing
- RL = Resting/Lofting
- FL = Flying
- UD = Undetermined

9-5-02 RV

DATE: 21 May 2009
 Observer: Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
BRSP	1	SS	UAT41N	NS		s
SAVS	1	SS		NS		s
SAVS	1	SS		NS		s
KILL	1	GR		FL/NS		call
SAVS	1	SS		RL		
SAVS	1	SS/GR		FL		
SAVS	1	SS/GR		FL		
TUVU	1	SS/GR		FL		
BHCO	1	"		NS		s
HOLA	2	"		UD		call
HOLA	1	"		NS		s
HOLA	1	"		NS		s
BRSP	1	SS		NS		s
WGSW	1	SS	UAT45N	FL/fo		
CAO	2	"		FL		
HOLA	2	"	UAT45S	UD		call
SAVS	1	SS		NS		s
UNSP	5	SS		RL/FL		
WGSW	1	SS	UAT47S	FL/fo		
BRBL	2	SS		FL		
NOHA	1	SS		fo/FL		
YHBL	1	GR		FL		
BRBL	2	GR		FL		

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

entered Darany 12/14/03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 21 May 02
 Observer: Steve

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/yrng	Comments
Redhead	1 ♀	TEM	18107 5/2	NS	NS	off line
Coot	1	TEM	↓	NS	1/1/1-	
M. Wrens	↓	↑	18107	NS	NS	
YHBB	↓	↑	NS	NS	NS	
YHBB	↓	↑	NS	NS	NS	
YHBB	1 ♀	TEM	18107 5/2	NS	suspect NS	
Mall	1 ♀	TEM	18107 5/2	NS	suspect NS	
Ambi	3	TEM	↓	UD	suspect NS	
Ambi	2	TEM	18107 (5)	UD		Ⓢ pole ↓
Coye	1	↓	↓	NS		
Cosin	1	3 EMS	17 T 95/2	NS		22 MAY
Ambi	2	MF	17 T 99/2			
Coye	1	EMT				
M. Wrens	X					
Ambi	2	MF	17 T 55/2	NS		
YHBB	X					
Ambi	2	SH				
Cosin	1	EMT				
Wiph	15	SH		FO		
Duck spec	30	SH		UD		
Spsa	2					
Mall 2	15	↑	55 N/2			
Cik	5	↑				

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

7-9-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 21 May 2008 Observer: C. Cruder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
WEME	2	SS	U21	NS	S	
SAVS	1	SS	betw. T315 & T316	NS	S	
SOSP	1	SS		NS	S	
BRBL	1	SS		FL	e	
MAIL	2 (2)	SS		FL		
SATH	1	SS		NS	S	
CORA	1	SS		FL		
HOLA	1	SS		NS	S	
BHCO	1	SS		NS	S	copied, walked diagonally!
WEME	4	SS		NS	S	
BRSP	1	SS		NS	S	
SAVS	1	GR		NS	S	
KILL	1	GR		NS (FL)	S	
SAVS	1	GR		NS	S	
SAVS	1	GR		NS	S	
WEME	X	GR		NS	S	
RDPH	1	SS		NS	S	
WADO	1	unknown		NS	S	
SAVS	2	SS	U213	NS	S	on line is to electric fence line
SATH	1	GR/SS		NS	S	
SAVS	3	SS		NS	S	
RIPH ♀	1	SS		FL/NS?	possible	Flush/call
SAVS	4	SS		NS	S	
WEMA	1	Willow		NS	S	S - may be across rd

Number:

X = present (too numerous to count)

EMT = Tall Emergent (Cattail, bulrush)

EWS = Short Emergent/Wet Meadow (rush, sedges)

MF = Mud Flat/Shore (unvegetated flat/shore)

SS = Shrubland (dominated by greasewood, rabbitbrush)

DE = Deep water (>2')

SH = Shallow water (<2')

SG = Saltgrass (salt grass, alkali sycaton flats)

GR = Grassland (non salt grass but not wetland veg)

Habitat Codes:

FO = Foraging

NS = Breeding/Nesting/Singing

RL = Resting/Loating

FL = Flying

UD = Undetermined

ended Jimmy 4 Dec 03

DATE: 5-21-02
 Observer: V. J. ...
 BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
MO DO	1	SS/GR	US/T129/2	FL/FO		
CAO	2	SS/GR	"	FL		
GADU	2	SH	U1/T129/2	RL		
MALL	4	GR	"	FL		
Violet Green Swallowtail	1	GR	"	FO		
MO DO	1	GR/SS	U1/T129/2	NS		right perched in grass, second egg N211 X3/4/11
GADU pair	2	SH	U1/T133/2	RL		miditch OS-land
RWB	1	EMT	U1/T131/2	NS		
RWB	2	EMT	U1/T131/2	NS		
Raven	1	EMT	"	FL/FO		
RWB	2	EMT	U1/T131/2	NS		
NOH	1	SS/GR	"	FO/FL		
WEIR	2	GR/EM	US/H133/2	FL		
UNON	5	SH	"	RL		
BUTE/LITE	1	EMS	U1/T133/2	NS		
MWR	1	EMT	U1/T133/2	NS		singing
Wood Thrush	4	GR	"	FO		
SWIFT	1	SH	U1/T135/2	FL		
WEIB	1	SH/GR	US/T133/2	FL		
GADU	1	"	US/H133/2	FL		
MALL	1	SH	"	RL		
Great Horned Owl	1	SS	"	RL		
MO DO pair	2	SS/GR	"	NS		
FLK	1	SS/GR	US/T135/2	RL		sloping in grass

X = present (too numerous to count)

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

*extended January Dec 8, 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/21/2002
 Observer: Scott G. Miller

Species	Number	Habitat	Unit/Transect	Behavior	Comments
Raven	1	Greenswood	19/3	Flying	He was black!
Maggie	1	Greenswood	19/5	Flying	He was black AND white!
Mourning Dove	2	Greenswood	19/5	Flushed	They were sort of greyish!
Bunny Rabbit	1	Greenswood	19/7	Running/sit	opps! This isn't a bird.

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud flat/shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/21/02

Observer: Forever

Species	Number	Habitat	Unit/Transect	Behavior	Comments
W. Phalarope	2	EMS	U97107M/2	FL	
W.F. Tbis	4	EMS/EMT	U97107M/2	FD	
Savannah Sp.	2	EMT/RY	U97103M/2	SI	
S. Faint Owl	1	"	"	UO/MS/LO	
R.W. B. Bird	20	EMS/SG	U97103M/2	FL/HD	
Vesper Sp.	4	SE/SG	U97101M/2	SI	
Mallard	5	EMS/RY	U9799M/2	SO/FL	
R.W. Blackbird	5-10	"	U9799M/2	FL/HD	
"	7	"	U9792M/2	"	
"	11	"	U9795M/2	"	
Mallard	11	"	"	MS	
C. Snipe	5	EMS/EM	U9798M/2	FO	
R.W. B. Bird	10+	"	"	UO	
Mallard	10+	"	"	FD	
R. Snipe	3	"	U9793M/2	FO	
R.W. B. Bird	10+	"	"	UO	
W. Phalarope	5+	"	U9791M/2	FO	
W.F. Tbis	5+	"	"	FO	9 eggs/MD
Mallard	1	"	"	MS	
W.F. Tbis	6+	"	U9791M/2	FO	
W. Phalarope	3	"	"	FO	
R.W. Blackbird	10+	"	"	UO	

Habitat Codes: Behavior: Nest/Eggs/Lyng

Number: X = present (too numerous to count)

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/21/02 Observer: Garza

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
W.F. Ibis	3	EMS/EWT	U9789u/2	FO		
Mallard	40+	"	"	FO/LO		
Marsh Wren	5+	"	"	NS		
Robins	4+	"	"	FO		
W. Wren	5	EMS/MF	U9785u/2	NS		
Starling	20+	"	"	FO		
Mallard	30+	"	"	FO		
W.F. Ibis	10+	"	"	FO		
Am. Coot	6+	"	"	FO		
Can. Teal	10+	"	"	FO		
Canada Goose	2	SB	U9783u/2	LO		

Number:

X = present (too numerous to count)

Habitat Codes:

- EWT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud flat/shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Lounging
- FL = Flying
- UD = Undetermined

8-29-02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5-21-2002 Observer: Chanda Pethic

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Lyng	Comments
Black-billed Magpie	3	SS	22/63	RL		
Horned Lark	1	SG	22/61	UD		
Northern Harrier	2	SS	22/69+65	FO/RL		
Killdeer	1	MF	22/65	NS		couldn't find the nest
Canada Goose	2	DE	22/71	RL		flushed (no nests) off-lim
Mallard ♂+♀	6	DE	22/71	RL		
Gadwall	2	SH	22/71	RL		
Zenon Meadowlark	6	SS	22/ numerous	NS		
Yellow-headed Blackbird	3	SS	22/ "	FL		
Red-winged Blackbird	2	SS	22/ "	FL		
Brown headed cowbird	X	SS	22/ "	UD/FL		
Brewer's blackbird	X	SS	22/ "	"		
Vesper sparrow	?	SG	22/ "	"		
Song sparrow	X	SG	22/ "	"		
♂/K ♀	2	SS	22/63	RL		event N2, flushed
Sack rabbits	1	SS	22/69	UD		running / flushed
chorus frogs	X		22/71			

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Salgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Looting
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 5/21/02
 Observer: L. Rawinski

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
Brewer's blackbird	6	SS	10 / 119	NS		
morning dove	8		↑		1 w/2eggs	
vesper sparrow	1	↑			—	
swamp sparrow	1	EMS	4 / 119	↑	—	
BH cowbird	3	SS	↑	UD	—	

Number: _____
 X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Nesting/Resting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

8-29-02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 5/21/02
 Observer: A. Rawinski

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
Brewers blackbird	2	SS	10/123	UD	—	
BH Cowbird	2	SS	10/123	FL	—	
Mourning dove	3	SS	"	"	—	
Sage thrasher	1	"	"	NS	—	
Brewers sparrow	8	"	10/121	"	—	
W. meadowlark	2	"	"	"	—	
Sage thrasher	1	"	"	"	—	
White-crowned sparrow	3	"	"	"	—	
R.W. Blackbird	10+	EMS	10/121	NS	—	
Song sparrow	2	"	"	NS	—	
BH Cowbird	1	"	"	FL	—	
N. Harrier	1	"	"	FL	—	
Common yellowthroat	1	"	"	NS	—	
marsh wren	2	EHT	4/121	NS	—	
W. meadowlark	4	EMS	"	"	—	
Savannah sparrow	3	"	"	"	—	
Brewers sparrow	3	SS	"	"	—	
BH Cowbird	2	"	"	"	—	
Mourning dove	2	"	"	"	—	
R.W. Blackbird	5	SS	4/123	"	—	
Brewers Blackbird	2	SS/SG	"	"	—	
WF Ibis	3	SH	"	FO	—	Spring creek

Number: X = present (too numerous to count)

Habitat Codes:

- EHT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltpress (salt grass, alkali sycaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

8-29-02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5-21-02

Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
BuBL	1	SS	US/T125/2	FL		
pair MODO	2	SS	"	NS		
pair AMBI	2	EMS	"	FL		
Brewer's BB	1	SS	"	RL		
(pair) NOST	4	EMS	"	FL		
(pair) Brewer's BB	2	SS	U11/T125/2	NS		
WEME	1	SS	"	NS		
Grants	1	SS	"	NS		
Brew-BB	2	SS	U11/T125/2	NS		
quGL	1	SS	"	RL		
snipe	1	SS	U11/T125/2	RL		windwing
SOFP	1	SS	"	NS		
Unknown Sparrow	7	SS	"	NS		
BuBL	1	EML	"	FL		
KILL	1	SS	"	NS		fragment of wood, nest?
CRGO	1	SS	"	FL		
MODO	2	GR	U11/T127 ^{1/2}	RL		flashed out of pair: nest?
(pair) GRW	2	GR	"	FL		
WFB	2	SH	"	RL		
NOST	1	SH	"	RL		
BuBL	2	EMS	"	NS		
MALL	1	EMS	US/T127 ^{1/2}	FL		
MODO pair	2	SS/GR	"	NS		
Unknown Sparrow	1	SS/GR	US/T129/2	FL		

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

* omitted & id. many Dec 8, 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 21 May 2002 Observer: Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
SANS	1	GR	U21T39N	NS	possibly	chipping. prob ♀ flushed from nest
SANS	2	GR		NS		flying. s
WEME	X	GR		NS		
SANS	1	SS		NS		
SOSP	1	GR		NS		
SAYS	1	GR		NS		
SAYS	1	GR		NS		
SOSP	1	GR		NS		
SAYS	1	GR		NS		
BHCO	1	SS		FL/NS		
SATH BRSP	4	SS		NS		
SANS	2	SS		NS		2 s ♀ possibly pair, ♂ s, chipping
WCSP	1	SS		RL		chipping
CAGO	2	SS/GR		FL		
BHCO	1	SS		NS/FL		
HOLA	2	SS		RL		
BRSP	1	SS		NS		
SATH	1	SS		NS		
SOSP	1	SS		NS		
WEME	X	SS	U21T41N	NS		
MODO	2	SS		FL		flush
RTLH	1	SS		FL		♀
BHCO	1	SS		NS		
HOLA	3	GR		NS		
SAYS	1	SS		NS		
BHCO	1	SS		NS/FL		

Number:

X = present (too numerous to count)

Habitat Codes:

Behavior:

EMT = Tall Emergent (cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

FO = Foraging
 NS = Nesting/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

9-5-02 EV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 22 May 02
 Observer: Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Comments
SAYS	2	SS	U16T35	NS	s
WEME	2	SS		NS	s
BRBL	2	MF		FO	in borrow area, near puddle
SAYS	1	MF		FO?	"
SAYS	1	SS		Wig. 1 ant	purchased on grease wood
SAYS	2	SS	U16T3N	NS	s
BHCO	2(2)	SS		RL	purchased on grease wood
WEME	1	GR		NS	s
WEME	1	GR		NS	s
SAYS	2	GR		NS	s
ANAV	2	SM		FL	
BHCO	1	SS		NS	s
NOSH	1	SW	U16T65N	FL	flush
RWB	5	SW/SS		NS	call
KILL	2	SM		NS	c
WIPH	16	SM		FO	c
ANAV	2	SM		FO	
MALL	1	SM		RL	1208.
HOLA	1	SS		NS	s
YGSW	1	SS		FO/FL	
SAYS	1	SS		NS	s
WESP	1	SS			
SAYS	1	SS			
BHCO	1	SS		NS	s

Number: (too numerous to count)
 X = present

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 FO = Foraging

Behavior:
 NS = Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud flat/shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycamore flats)
 GR = Grassland (non salt grass but not wetland veg)

Entered Daryn 4 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

1931. 1/8 clouds. wind 2-3.

Date: 22 May 2002 Observer: Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Comments
HALL	4	SW	UGT65.5	FL	flush in borrow puddle
WEME REHE	3	SW		FL	"
WEME	1	SS		NS	s
SAYS	2	woods		NS	flights
SAYS	1	woods		NS	s
WEME	1	GR		FL	
WEME	1	GR		NS	s 1931.

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

EWS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

1931
 12/20/03
 Deery
 entered

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 5/22/2002 Observer: Chandra Pethe

Species	Number	Habitat	Unit/Transect	Behavior	Comments
Anclets	2	SH	17 / 73	FO	
coot	6	D3	17 / 73	RL	
h.n. teal	8	D3	17 / 73	RL	
gadwall	2	D3	17 / 73		
Gadwall	2	D3	17 / 73	FL	
Mallard	10	D3 + 3MS	17 / 73	RL	
Shoveler	4	D3	17 / 73	RL	
red winged blackbird	X		17 / 73-77		
yellow head blackbird	X		17 / 73-77		
Killdeer	1	3MS	17 / 73		
snipe	2	3MS	17 / 73-77	FL + NS	breeding will
song sparrows	6	SS	17 / 1	UD	
meadow lark	3	SS	17 / 1	UD	
morning doves	12		17 / 73	UD	! n 2 large trees
can. geese	6		17 / 1	FL	
yellow headed grebe	1	D3	17 / 1		
white headed ibis	25	SH	15 / 53	FO + FL	
Anclets	X	SH	15 / 53	FO	
coot	2	D3	15 / 51	UD	
cinnamon teal	5	D3	15 / 51 + 53	UD	
gadwall					
Mallard	2	D3	15 / 53	FO	
red wing	X		15 / 1	FL + NS	
yellow head	X		15 / 1	FL + NS	2 nests found on transect 53. 3 eggs + 4 eggs

X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

Behavior:
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')

SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

8-29-02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/22/02 Observer: L. Rawinski

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/yrng	Comments
Killdeer	1	EAT	10/116	NS		
marsh wren	4	↑	↑	↑		
Brewer's sparrow	1	SS	↑	↑		
BH cowbird	1	SS	10/113	FL		
veery sparrow	1	↓	↑	NS		
havanah sparrow	1	EMS	10/111	NS		dry
BH cowbird	1	SS	10/109	FL		
common yellowthroat	1	↑		FO		
cliff swallow	6	↑		FL		
song sparrow	1	EAT	↑	NS		

Number:

X = present (too numerous to count)

Habitat Codes:

EAT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

8-29-02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 22 May 02 Observer: Steve

The # of yhb is much lower than previous years, several groups of 5-30 us 10-40+

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Cors egret	5	SW	TSS	FO		
cte	10			UD		In pairs
spot	1		T TST 1/2			
duck sp	15, 1, 5					
Wpt	2	EMS	UTSS			
Kill	4		UT TST M	NS		
Nosh, cte	4	SW	UT TST 1/2	UD		
Kill	2			NS		
Hummingbird	1			UD		
Chorus frog			UTSS	US calling		@ duff
all sign			TSS			tracks
spsa	1	MF	T 59 1/2			
yhb	5	EMT				
duck nest, cte	5, 15	SW	T 59 1/2	UD		
coyote	1	EMS	T 59 M			
Kill	~5+	MF	T 59 M	NS		
RWB	~10	EMS	T 59	NS		calling, no nests found.
spsa	1	MF	T 59 N	NS		
Amex	2		T 61 N	NS		at bank
spsa	1	MF-SW	T 61 N	NS		at calling
wf ibis	2	SW	T 61 S			flying
RWB	5	EMS	T 61 S			
cte	3	SW				

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Salgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

7-9-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Unit 7 Date: 22 May 02 Observer: Stone
 N = Middle of T.

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
NOSH	6	sw	T63 s/a			
coke	6	↑				in pairs ↓
Male	2	sw	T63 M			
duck	16	sw				
wfb	5	sw	T65 N/2	fo		in small pond by outstream wall
ducks	10+8					
M. wren		EMT				
C. goose	1	ems		dead		dead (old - from winter) w/springs
Male	1	T65 (M)		deep	3 eggs	deprotected
C. g. (50)	9	NA	T65 (M)	flying		in 1 flock (odd this time of yr)
alt	4	EMT	T65 S			laying down in brush patch
						Bedding-down place in patch, ideas
						sm. pond/outstream wall.
wfb	1	sw/ems	T65 S	fo		sm pond/outstream wall
Amav	2	mf	T65 S	NS		colony
open	1	mf	↑	NS		
Amav	2	mf	T69 M	NS		dry bar
Amav	8	sw		UD		dry bar
alt ducks	2	mf		NS		dry
alt ducks	6	sw	↓			

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

7-9-02 RV

Comments

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 22 May 2009

Observer: Crowder

Cool. 50°F

1 1/2 cloud cover. Wind 4-7 mph (2)

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/yrng	Comments
SAYS	1	SS	U21T53S	NS		
SATH	1	SS		NS		
HOLA	1	SS/GR		NS		
WEME	3	SS/GR		NS		
BHCO	1	GR		NS		
HOLA	1	SS/GR		NS		
BRSP	1	GR		NS		
BRBL	1	SS/GR		NS		
YHBL	2	"		FL		
YHBL	1	SS		RL		perched
HOLA	2	SS & SS		RL		perched/call
VEBP	1	SS/GR		NS		
BHCO	1	"		NS		
BRSP	1	"		NS		
BHCO	3	SS		NS		male chase
VEBP	2	SS		RL		perched, chip rabbitbrush
VEBP	2	SS/GR		NS		
RMBL	1	"		FL		
BRSP	1	"		NS		
HOLA	1	"		NS		
WEME	1	"		NS		
MODO	1	willow/cottonwood		NS		
VEBP	2	SS/GR		NS		
YEMA	1	willow/cottonwood		NS		

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
 MF = Mud Flat/shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

Order D Darny Dec 4, 03

Start 0634

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 22 May 2002 Observer: Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
BBMA	1	SS	U3153S	FL		
BHCO	1	SS		FL NS		S
CORA	1	SS		FL		
WEME	1	SS		NS		S
HOLA	1	weds		NS		S
VESP	1	SS		NS		S
SATH SATH	2	weds		FO		2 robin-like, dull birds running along road
HOLA	3	weds		UD	2 call	white top to outer tail feathers
MODD	2 ^(w)	SS		FL		flush
SANS	1	SS	U16T55S	NS		0803: S
HOLA	1	SS		NS		S
WEME	1	SS		UD		C
BRSP	1	SS		NS		
WEME	1	SS		NS		S
BRSP	1	SS		NS		S
UNSP	2	SS		NS RL		porched
HOLA	1	SS		NS RL		porched
UNSP	2	SS		FL		
WEME	1	SS		NS		S
SCSP	1	GR		NS		S
BHCO	1	SS		NS		S
BRSP	1	SS	U16T55N	NS		S
BKSW	1	GR		FL/50		
SAYS	1	SS		NS		S

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud flat/shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

revised Drury 4Doc03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 22 May 2009 Observer: Cravener

Species	Number	Habitat	Unit/Transect	Behavior	Comments
SAYS	1	SS	U16T595	NS	0958, s
BRSP	1	SS		NS	s
W SATH	1	SS		NS	s
SAYS	1	SS	U16T59N	NS	s
HOLA	1	6R/8G*		FL/turning	* used to be a pot-hole burrow 100% dry
WEME	1	6R		NS	s
HOLA	2	6R/8G		NS	s
SATH	1	SS		NS	1023, s
SAYS	1	SS	U16T61N	NS	s 1029.
BHCO	1	SS		NS	s
VESP	1	SS		NS	s
RWB	1	SS		FL/NS	c
SAYS	1	SS		NS	s
BRBL	2	W SATH		f0/RL	drinking water from a puddle
HOLA	1	add burrow	U16T61S	UD	c, 100% dry except for a few puddles
UNSP	2	SS		UD	c
SATH	2	SS		FL	flush
SATH	1	SS		NS	s
SAYS	2	SS		Variant	c. perched on grease wood
SAYS	1	SS		NS	s
VESP	1	SS		NS	s 1107.
WEME WEME	1	SS	U16T63S	NS	1117, c
CLSM	1	SS		FL/FO	c
SAYS	1	SS		NS	s

Number:

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Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
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 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Laating
 FL = Flying
 UD = Undetermined

entered: Davany 4 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
Date: 5-22-02 Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
MDO	1	EMT	Ua0121N/2	FL		
MATL	1	road	Ua0123N/2	RL		on road
QWBL	1	EMT	"	NS		
MDO	2	"	"	NS		
QWBL	1	G-R	U20121N/2	RLNS		flushed out female, probably nest empty
UNDK	1	EMT	"	RLNS		flushed out from a distance
MDO	2+4	SS/G-R	Ua01223N/2			
QWBL	3	SS/G-R	U201223N/2	RL		
WEME	2	G-R/SS	Ua0123N/2	NS		
Unident. Sparrow	1	"	"	NS		
CHGD	2	"	"	FL		
Brewers BB	1	SS	Ua0125N/2	RL		
Brewers BB	1	SS	U20127N/2	RL		
Horned Lark	1	SS/G-R	U20125N/2	RL		beautiful bird
QWBL	2	EMT	Ua0127N/2	NS		in pond
MATL	1	SH/EMT	"	RL/FL		was in pond
AMAV	1	EMT	"	NS/FL		
MDO	1	SS/G-R	U20123N/2	RL/FL		
Horned Lark	2	"	Ua0129N/2	NS		
Brewers BB	2	G-R/SS	"	NS		
Sage Thrasher	1	SS/G-R	U20125N/2	RL		
WEME	1	"	U201235N/2	NS		
BH Cowbird	1	G-R	"	NS		

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behaviors:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

*entered Vaughn

2/20

02/18/02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 22 May 02

Observer: Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Young	Comments
CLSW	8	GR	U16T55N	FO		
BHCO	1	GR		NS/FL		
SAYS	1	SS		NS		
BRSP	1	SS		NS		
BRSP	1	SS		NS		
WEME	1	GR		NS		
BRSP	1	SS		NS		
BRBL	1	GR		FL		
BRBL	2	SS		RL/NS		s, pair 0844.
WEME	1	GR	U16T52N	NS		0850. s
SAYS	2	SS		NS		
BRSP	2	FL/SS		RL		part had - no streaking on breast
HOLA	1	SS		CO		
WEME	1	SS		NS		
VGSW	5	SS	U16T57S	FO/FL		
SATH	1	SS		NS		
BRSP	1	SS		NS		
SATH	2	SS		FL/RL		
CORA	1 ad:	SS	cottonwood	FL/NS	3 yng	nest in "cayote tree" w/ 23 young!
GTO!	1	SS		UD		possible nest: vigilant
WEME	1	SS		NS		ran along ground + then flew to low branch
WEME	1	SS		NS		call
WEME	2	SS		NS		0944. s

Number: X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Nesting/Resting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

entered during loc 4, 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5-23-02 Observer: Carver

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/lyng	Comments
Vesper sp	5	SG	U9T82 1/2	SI		
Scaup sp.	3	SG/EWS	" "	"		
Sora	2	EWS/EWT	U9T82 1/2	SI		
River	1			LO/UP		
Marsh Wren	X			NS	1-nest - 1 egg	
Marsh Wren	X			NS	1-nest - 8 eggs	1-nest - 4 eggs
Green Teal	X			FO/NS?		
G-Sage	5			FL		
Marsh Wren	15	EWS/EWT	U9T82 1/2	NS		
Snipe	3			FI		
Willet	20+			FO/NS	1-wal-nest 30 eggs (off transect/cont)	
Green Teal	20+			FO		
Shoveler	10+			FO		
Marsh Wren	20+	EWS/EWT	U9T91 1/2	NS		
Snipe	4			FO		
Snipe	8+			FO		
Snipe	2			FO		
M-Wrens	5+			NS		
* Little Blue Heron	1	SH/EWS	U1T91 1/2	FO/W	* Bird in corner of logs near sign	
Eik	3	EWS	U6			on the corner of U1
Eik	1	EWS	U1			
Eik	25-30	EWS	U3 on			5/30/02

Number: (too numerous to count) X = present

Habitat Codes:

- EWT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

8-29-02 PV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

N = mud pole

Date: 23 May 02 ^{Thurs.} Observer: Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
Duck	30	SW	U8T81S	FO		in two "pond", and one N on T81
Sora	1	EMT		NS		
Napi	1 ♀	EMS	U8T81	NS	nest, ducklings	didn't see duckling, but ♀ ↓ mabbing
						N of "pond", in SW + clumps of guba.
						In 2001 in same area also observed
						Napi hens + ducklings
Ambi	1	EMS	U8T81	UD		in area just N of "2nd pond"
Wiph	70 ³⁰	SW		FO		area is mosaic of SW (1-10")
WtB	30					clumps carex, bulrush, just clsp
Duckspectra	45 ³⁰	EMT		NS		mud, cke, napi, most
Murren	X					
Behn	5	SW		FO		
ake	20			UD		ake in pairs
Chorus frogs	X					
Song sparrow						
Vra						
Rubb	X		U8T81M	NS		② bndry btwn U8 + U8
Sora	1			NS		calling ↑

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 May 02 Observer: Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
COSN	2	Ems	18, 81 5/2	NS	NS	10' in the delivery canal W. of →
ducks	30	sw	1	UD	-	traced. N. gubst there. →
M. Wren	X	EMT	18, 81 mid	NS	-	
Amav	4	-	18, 81 M	-	-	def. beh, mobbing
RWB	X	Ems	18, 81 M	NS	-	
Butar	1	EMT	1	-	-	
Amav	~10-12	disp/MT	18, 81 M	NS	-	Nesting "colony" ~ 60 yds N of 181 M pole. In disp + by patches, sw in places.
Kill	2	disp/MT	18, 81 M	NS	-	callers
COSN	1	sw	18, 81 M	UD	NS	in owl + EMT just W of T
rike	~20	sw	18, 81 M	UD	NS	
roye	1	Ems	1	NS	-	
Song sparrow	1	Ems	1	NS	-	
Mall	1 ♀	Ems	18, 81 M	NS	Nest	in bulrush, nest prob. off line -
Mall	1 ♀	Ems	18, 81 M/2	NS	Nest	
Sora	1	Ems	8, 81 S	NS	NS	@ 5 boundary of 118
Mall	2 ♀	Ems	8, 81 S	NS	NS	flushed prob nesting, off line
ducks	45	sw	8, 81 S	UD	UD	in owl pond on T 8, 11
M. Wren	X	Ems	1	NS	-	
♀ Sora	1	Ems	8, 81 S	NS	-	
WGP	40	sw	8, 81 S	F	F	in owl pond", and line to North
Amav	5	sw	1	FO	FO	

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behaviors:

FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Louping
 MF = Breeding/Loafing
 FL = Flying
 UD = Undetermined

8-29-02 RV

3-

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5-23-02 Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Comments
Swainson's Hawk	1	GR/SS	U14/T25 ^W 2	RL	nothing can harvest post
Maggie	1	G-R	U14/T23 ^N 2	FL	U14/T23 ^N 2
Raven	1	GR/SS	U14/T23 ^S 2	FL	U14/T23 ^S 2
AWBL	2	SS/EMT	U14/T23 ^S 2	NS	U14/T23 ^S 2
MOO	1	SS/GR	U14/T21 ^S 2	RL/NS	U14/T21 ^S 2
AWBL	5	SS/EMT		NS	"
Raven	1	SS/GR		FL	"
Swainson's Hawk (pair)	2	G-R	U14/T21 ^W 2	NS	mating
Brewer's/BB	1	G-R	U14/T25 ^W 2	NS	on transect post
WEME	3	GR/SS	"	NS	
Cassin's Finch	1	SS	"	NS	
MOO	2, 1	SS/GR	U14/T25 ^R 2	NS	
Mead	1, 2	G-R	U14/T27 ^S 2	NS	1 act live has nest
NOHA pair	2	GR/SS	U14/T27 ^S 2	FO/FL	
AMAV	4	SH	U14/T31 ^W 2	FO	
WHT	19	SH	"	FO	
WFB	2	SH	"	FO	
GROW	2	SH/GR	"	RL	
CITE	2	SH	"	FO	
Raven	2	G-R	U14/T29 ^W 2	FL/FO	
Maggie	1	SS/GR	"	FL/RL	
Cargo	2	SH/EMS	U14/T29 ^S 2	RL	
MALL	4	DE	"	FL	
KILL	1	SH	"	FO	

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
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- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

*intend January 9 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5/23/2002 Observer: Brennan

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Golden-crowned Kinglet	1	EMT	3/107	NS		
Willow Ptarmigan	4	"	"	"		
Scrub-wren Sparrow	3	EMS	"	"		
Scrub Sparrow	1	EMT	"	"		
B.H. Gnatcatcher	0	SG	"	FO		
Miss Gnatcatcher	4	SH	"	FO		Parula, Downy Parula
W. Wren	1	SG	"	NS		Parula, Downy Parula
Meadowlark	1	EMS	"	NS		
Sharp-shinned Hawk	1	EMS	3/105	FL		
Meadowlark - of transect	1	EMS	3/105	FL		
Red-wing - unpaired pair	3	SG	3/105	UD		
Red-wing - unpaired pair	1	SG	"	UD		
Red-wing - unpaired pair	1	SG	3/103	FL		one was mated with pair
Red-wing - unpaired pair	1	EMT	3/103	NS		
Red-wing - unpaired pair	5	"	"	UD		
Red-wing - unpaired pair	3	"	3/103	"		
Red-wing - unpaired pair	1	BMT	3/103	UD		
Red-wing - unpaired pair	2	EMS	3/101	UD		
Red-wing - unpaired pair	2	EMS	3/101	FO		
Red-wing - unpaired pair	8	ALL	3/101	FL		
Red-wing - unpaired pair	2	EMT	3/101	UD		
Red-wing - unpaired pair	2	SC	3/101	UD		

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
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 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycamore flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 May 2002 Observer: Crowley

Species	Number	Habitat	Unit/Transect	Behavior	Comments
MODC	1	SS	U16T67S	NS	S
BRSP	1				
WEME	2				
SATH	1				
BRSP	1				
WEMF	3				
WEME	2				
BRBL	4				1s, 3 perched - all on SAVE
VESP	1				S
SAYS	2				S
WEME	3				S
KILL	1	SW		UD	C, in next borrow area
SAYS	3	SS		NS	S
MAIL	1	unknown	U16T67N	UD	C
MAIL UNDU	3	SS		FL	
WEME	1	SS		NS	S
HOLA	1	SS		FL	C
SAYS	1	GR/SS		NS	S
WEME	1	"		NS	C possible mix
HOLA	1	"		UD	C
BRSP	1	SS		NS	S
VESP	1	SS		NS	S
BHCO	1	SS		NS	S
BRSP	1	SS		NS	S
	1	SS		NS	S

Habitat Codes: Behavior: make entry of SAVE branches: perched on grasses, no eggs, & out in SAVE

Number: X = present (too numerous to count)

- EMT = Tall Emergent (Cattail, bulrush)
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- MF = Shrubland (dominated by greasewood, rabbitbrush)
- SS = Deep water (>2')
- DE = Shallow water (<2')
- SH = Saltgrass (salt grass, alkali sacaton flats)
- SG = Grassland (non salt grass but not wetland veg)

- FO = Foraging
- NS = Breeding/Nesting/Stinging
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 23 May 2002
 Observer: Crowley

Species	Number	Habitat	Unit/Transect	Behavior	Comments
KILL	1	SS	U16T67N	FL/AS	c
AMAV	2	SS		FL/AS	c
PRSP PRSP	2	SS		NS	s
SAYS	1	GR	U16T69N	NS	s salt grass
WEME	1	SS		NS	s SAVE. roadside
HOLA	1	GR		UD	c
HOLA	1	GR		FL	
VESP	1	SS		NS	s
SAYS	1	SS		NS	s
SAYS	1	GR	U16T69S	NS	s
BRSP	1	SS		NS	s
SAYS	1	SS		NS	s
WEME	1	S/S/GR		FL/NS	c/s
SAYS	2	"		NS	s
BRSP	1	SS		NS	s
WEME	1	SS		NS	s
VESP	1	SS	U16T71S	NS	s
BRBL	2	SS		FL	s floor
WEME	1	SS		NS	s
SAYS	1	SS		NS	s
SAYS	1	SS		NS	s
SATH	1	SS		NS	s
BTLH	1	weeds	U16T71N	FL	s ↗
HOLA	1	B6/weeds		NS	s
BRBL	1	"		FL	c

Number: _____
 X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
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Behavior:
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 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 23 May 2002

Observer: Crowley

Species	Number	Habitat	Unit/Transect	Behavior	Comments
RHCO	2	roadsides	U671N	FL/NS	s/fl
SOSP	1	"		NS	s
BRBL ♀	1	GR	U2373	NS	c
WEME	1	GR		FL/NS	s
SAYS	1	GR		NS	s
SAYS	1	GR		NS	
GBMA	1	GR		NS	perched
SAYS	1	GR		NS	
SAYS	3	GR		NS	s/c
BLH	1	GR		FL	2
RWBL	1	GR		NS	c
YRBL	1	SW/EHT		NS	s
SAYS	1	GR	U2375	NS	s
SAYS	1	SS	U2377	NS	c
WEME	1	SS/GR		NS	s
HOLA	3	SS/GR		NS	c
WEME	1	SS	U2377	NS	s
HOLA	2	"		UD	c
VESP	1	SS/GR		NS	s
COBN	1	"		NS	in noise/call

Number: X = present (too numerous to count)

Habitat Codes:

- EHT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 5-23-02
 Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
AMV	2	SH	U14/T293	FO		
MALL	4	DE	U14/T312	RL/FL		
GADW	10	DE	"	FL/RL		
MWR	3	EMT	"	NS		
CITE	6	DE		FO/RL		
NOSH	2	DE		FO/RL		
YHBL	3	EMT		NS		
NOR	2	DE		FL/RL		
AMV	1	DE		FL		
(AGO)	2	DE/NS		RL		
WEMC	1	G/SS	U14/T312	NS		
(AGO)	0			-		eaten egg (1st egg covered out)
MALL	5	SIT		RL/FO		
MAL	2	SIT		RL/FO		
GADW	2	SIT		RL/FO		
AMV	2	SIT		FL/FO		

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')

Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

* entered Darnay & Dec 03

8-29-02 RV

Observer: Crowder Date: 24 May '02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Species	Number	Habitat	Unit/Transect	Behavior	Comments
WEWE	1	SS	U3T89N	NS	S
SAVS	1	SS		NS	S
MODO	1	SS		FL	
CLSW	2	SS		FL/50	C
MODO	1	SS		FL	Flush
COSN	2	EMS	U3T89S	NS/EI	C
MAWR	2	EHT		NS	S
SOSP	1	"		NS	S
COYE	1	"		NS	S
SOSP	1	"		NS	S
SOSP	1	"		NS	S
WEME	1	"		NS	S
MAWR	3	"		NS	S
COSN	1	"		NS	Window
SAVS	1	EMS		NS	S
KILL	1	"		FL/NS	C
ATHBI	1	GR	U3T85J	FL	Flushed near spruce lawn
MAIL	1	EHT/S	U3T87S	NS	nest w/ 9 eggs in TRLT (80%) SUBA (80%), 2ID rest of bowl < 1/2" cover 25-50%, flush down, ♀ flushed off to E
MAWR	X	EHT		NS	S
BASN	1	"		FL/50	
WEME	2	GR		NS	C
COSN	1	EMS	U3T83	FL	Flush

Number: _____
 X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (<2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

Behaviors:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

85 89 81
85 83

Date: 24 May 2002 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Comments
WEME	1	GR	U3T91S	NS	S
BHCO	1	GR		NS	S
Flycatch sp.	1	GR		FL	
MAWR	1	EMT		NS	S
MALT	3	REIR		FL	
COSN	1	FMS		FL/NS	winnowing
RWBL	3	EMT		NS	S
MALT	2(1)	"		FL	flush
SANS	2	GR		NS	S
COYE	1	EMT		NS	S
WIME	1	FMS		NS	S
SANS	2	SS/GR	U3T91N	NS	S
YESP	1	SS		NS	S
SANS	1	GR		NS	S
WEME	1	GR		NS	S
RWBL	4	GR/EHS		NS	the second well S
SATH	1	GR		NS	S
WEME	1	SS		NS	S
SOSP	2	SS	U3T89N	NS	S
WEME	2	SS/GR		NS	S
RWBL	1	ditch		NS	S
KILL	1	SS/GR		NS/FL	C
SANS	1	SS/GR		NS	S
COSN	1	GR		NS	S

Number: X = present (too numerous to count)

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 24 May 02 Observer: Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Ambl	1	EMT	17/T89S	NS		calling ↓
Sora	1	EMT	17/T85S	NS		calling ↓
cosn	1	-	17/T83S	NS		↓
M. Wren	X	EMT	17/T83H			
YHRB	X	1				
Sora	2	EMT	17/T83N			
Proble?						
						Nest w/ legs, ft flat, nest mat wet, egg white
						fluff + more oval than duck or rook in bulrush
Cage	1	EMT	17/83N	NS/Dead 1/3		"disrupted nest"
Cage	1	EMT	17/85S	NS/Dead 1/2		
Wk	2	EMT	17/83S	bedded down		
Male Sora	1 ♀	EMT	17/89H	NS		off line
Cage Sora				Dead/NS	NS/3	
Male Sora	1 ♀	EMT	15/99N			
Male Sora	1 ♀	EMT	15/99N	1		49 5 yng Adult sex Billings - rlaon 2a
Female	1 ♀	↑	15/49N	NS		suspect nest, off line
M. Wren	X	↑				
Male	1	↑	15/49H	NS		singing
Kill	1	MF	15/49H	NS		dry mopping ↑
Sora	1	-	15/49H			

Number: (too numerous to count) X = present

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, sedge)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behaviors:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

829-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 27 May 02 Observer: Stone

Species	Number	Habitat	Unit/Transect	Behavior	Comments
COSS	1	EMS	1551S	NS/NS	EMS = 1° cane but sky
Mex dowitcher	1	↑	↓	NS?	Singing not soil disturbed in grass, same log juv
W. grebe	5	↑	↓	NS	sky EMS
SARA	1	EMS		1	
Mare	3	↓			just laying on scat
YHRB	X	EMT	1551S	NS	log juv yes - 1/4 log juv
COF	1	EMT	1551S	NS	4 eggs, in bulrush (1 nest found)
COF	1	EMT	1551S	NS	in water colony.

Number:
 X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

8-29-02 RV

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 5-24-02 Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
WFB	2	EMT	U14/T33 ^{1/2}	NS		
WB RB	1	EMT		NS		
WB RB	4	GMS		NS	nest	
WB YHBL	X	EMT		NS	lost, eggs, nest, seag	
WB YHBL	X	EMT		NS	lost	
MALL	5	DE		Fo/RL		
Coat	4	DE		Fo/RL		
GADW	5	DE		Fo/RL		
WFB	4	EMT		RL		
KILL	1	GR	U14/T33 ^{1/2}	NS		
MALL	2	GMS	U14/T35 ^{3/4}	NS		
YHBL	X	EMT		NS		
NOSH	1	SH		RL		
AMAV	3	SH		NS		
Coats	14	SH/DE		Fo		
MWR	X	EMT		NS		

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Nesting/Westing/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

*Nested Doves & Decos

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: June 02
 Observer: Nancy

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
WEME	1	SS/GR	VAOT37h	NS		
Jackrabbit	1	"	"	RL/FO		
moor	1	"	"	NS	nest, eggs	
Brew. BR	5	"	VAOT31h	NS		
Horned Lark	5	"	"	NS		
Sage Thrasher	1	SS/GR	VAOT33h	NS	nest, eggs	
Cottontail	1	"	VAOT35h	RL		

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

*entered Darany 8 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 17 June '02
 Observer: Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
UNEG	1	SS/GR	U21T4IN	FL		
HOLA	2	"		NS/FL		s/fl
WEME	1	"		NS		s
VESP	1	"		NS		s
SA BRSP	1	SS		NS		s
BRSP	1	telephone wire	U21T43S	NS		s
SAYS	2	SS		CD		chipping
HOLA	3	GR	U21T43N	FL/NS		s/fl/c
BRSD	1	SS		NS		s
VESP	1	SS		NS		s
WEME	1	SS		NS		s
BRSP	2	SS		NS		s
WEME	1	SS	U21T45N	NS		s
SATH	1	SS		CD		flush/porch
BRSP	1	SS		NS		s
HOLA	1	SS		FL		fl/c
BHCO	1	SS		NS		s
NOHA	1	GR	U21T45S	FL		being mobbed by 2 RWBL
VESP	1	GR		NS		s
WEME	1	GR/SS		NS		s
SAYS	1	GR		NS		s
RWBL	1	?	U21T47S	NS		s
SATH	1	SS		CD		porch
WEME	1	SS/GR		NS		s

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges)
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Lounging
- FL = Flying
- UD = Undetermined

Endred Darany 9 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 17 June '02 Observer: K. Crocoller

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
WEME	1	SS	U2137N/2	NS		S
BHCO	1	SS		NS		S
RHPH	1	SS		UD		C
SAYS	1	SS		NS		S
BHCO	1	SS		NS		S
UNSP	3	SS		UD		perch
SATH	1	GR	U2137	UD		perch
SAYS	1	SS	U2137	NS		S
BRSP	1	SS	U2137S/2	NS		S
BRBL	2	SS		NS		food in mouth, mob
MODE nest between Posts 37S & 39S, platform lined w/ canary grass, 2 white eggs, f distraction display						
- cover canary grass 0-25%, 0% water.						
- ditch side along fence						
WEME	1	GR	U2139S	NS		S
BRSP	1	SS	↑	NS		S
HOLA	1	SS	U2139 N	NS		S
SATH	1	SS		NS		S
BRSP	1	SS		NS		S
CONH	1	SS		UD		flow off ground & landed a short distance away
VEPD	1	SS		NS		S
BRSP	1	SS		NS		S
BRSP	1	SS		NS		S
BRSP	1	SS		NS		S
WEME	2	SS		UD		perch

Number: X = present (too numerous to count)

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges, MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entend Darany 9 Dec 03

33:00

36:00

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 17 June 2002 Observer: Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
BHCO	1	SS	021T47 1/2	NS		s
SAYS	2	GR		NS		s
WENE	1	GR		NS		s
BRSD	1	SS	021T49N 1/2	NS		s
HOLA	2	SS/GR		UD/fl		c/fl
BHCO	1	SS		NS		s
VESP	1	SS		FL		Flush
MODO	2 (6)	SS	021T49S 1/2	FL		Flush
WENE	1	SS		UD		c
MODO	1	SS		RL		Flush
BRSD	1	SS		UD		alert/c
SAYS	1	SS	021T51S 1/2	NS		s
BRBL	1	SS		NS		s
WENE	1	SS		NS		s
YHBL	4	GR		FL		s
VESP	1	SS	mid	FL		s
MODO	2	SS GR		FL		s
MODO	1	SS mud		NS		s
HOLA	1	SS	021T51N	UD		perch/c

Number: (too numerous to count) X = present

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Nesting/Resting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

Entered Darany 9 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 17 Jun 02 Observer: Stone

(2)

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
teal sp	1 ♀	ems	T/55 N	NS		suspect nest
Male sp	1 ♀	ow		1		suspect yng nearby
light w/pt	2	ems		NS		
light w/pt	2	ow/ems		ud		
Willet	1	-		ft/fl		
Ana	2	mf	T/55 N	NS		
Kill	X	↑				
SPSA	2	mf	T/55 N	NS		
chans coop	X	sw-ems	T/55 N	NS		Near burrow w of louse 0
Falson sp	1	sw-ems	T/55 N	fl		pregnane?
light w/pt	5	sw	T/55 M	ud		
Kill	X	mf	↓	NS		df
Ducks	10	sw	T/55/M	ud		
Bch	1		T/55/S	ud		
coye	1	EMT	T/55/S	NS		
ducks	45	sw		B		
light w/pt	8	sw		fo		
SNOWY egret	2	sw		fo		
a frog	X	sw-ems	T/55/S			
Mockingbird	1	ud	T/55/S	NS		singing
w/pt	4	emt	↑	NS		suspect
Meadowlark	1	SG	T/59/M	NS		
SPSA	4	mf	T/59 N	NS		
Kill	X	↓				

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EWS = Short Emergent/Wet Meadow (rush, sedges,
- MF = Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
- GR = Grassland (non salt grass but not wetland veg)

Behaviors:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

Extend Drainsy 11 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 17 May 02
Observer: Steve

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Mall	8	SW	T/TSS S			Class Ia-b. In burrow @ S
M. Wren	X	EMT		NS		beginning of TSS,
Duck's	10 ¹⁵ 8, 8	FMST+SW		FB UD		singing
Wph	5, 2			NS		
Amur	2, 2					
RWB	X			NS		dy (mobbng) look
Kill		MF		NS		
Yhb		EMT		NS		
Spsa	11	MF		NS		
NOSH	1 ♀	EMT		NS		suspect
Wfb	10	UD		FB		flushed out of area
ck		EMT				In Paves
SQA	1	EMT				
Nall	1	SW				dep. egg
Snpa	1					dep = depredated
Teal	8	↓	T TSS M	UD		
Teal	5	sw		NS	5 yng/2a	class 2a
Wph	1, 3	↓		UD		
chous bog	X					
ck	♀					in Paves
Snpa	2			NS		
duka	8			UD		Mark
Kill	X					

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

Entand Darany 11 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/17/02

Observer: L. Rawinski

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/yrng	Comments
Brewer's sparrow	4	SS	10/123	NIS		
Sage Thrasher	2					
BH cowbird	1					
Western meadowlark	3					
mourning dove	2					
vesper sparrow	5					
N. mockingbird	1					
Brewer's blackbird	4					
common yellowthroat	1	EMT	10/121			
R.W. Blackbird	2					
BH cowbird	8	EWS				
song sparrow	1	EMT				
savannah sparrow	3	EWS				
Brewer's blackbird	4					
W. meadowlark	5		4/121			
savannah sparrow	6					
BH cowbird	3	EMT/SS		FL		
song sparrow	7	EMT		NIS		
common yellowthroat	1					
R.W. Blackbird	6					
marsh wren	1					
Killdeer	2	SS/MT				
horned lark	2	EWS				
N. mockingbird	1	EM6/SS				

Number:
x = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behaviors:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

Entered Database 11 Dec 05

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/17/02

Observer: L. Rawls

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Mourning dove	2	SS	4/123	NS		
Brewer's sparrow	1	SS	4/117			
Savannah sparrow	3	SS/SG	4/117			
Brewer's blackbird	5	EMS			1 nest/2 young + 2 eggs	
Killdeer	2	dike				
Mourning dove	2	SS				
Vesper sparrow	1					
EW Blackbird	2	SS/EMS				
Song sparrow	1					
Mourning dove	2	SS	4/119			
N. Mockingbird	1					1-2 young

Number: X = present (too numerous to count)

Habitat Codes: EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')

Behavior: FO = Foraging
 NS = Nesting/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Entered Darany 11 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 6-17-02
 Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
KILL	1	SS	UST125/2	NS		
BWBL	1	SS/EMT	"	NS		calling
Night Heron	1	SS	"	FL		perched on telephone pole
Cowbird	3	SS	"	NS		
KILL	2	SS	U11125/2	F/NS		perched on telephone pole
MOBO	12	SS	"	NS		
Brewers JB	3	SS	"	NS		
BWBL	1	SS/EMT	U1125/2	NS		
MNWR	1	EMT	U11125/2	NS		
MALL	1	EMT/EM	U11127/2	FL		
BWBL	1/4	SS	"	NS		
CITE	8	EM/SH	"	RL/NS		looming in Rock Creek
KILL	1	EM/SS	"	NS		
SOSP	1	SS	UST127/2	NS		
WFB	1	EM/SH	UST129/2	NS		
WOOD	1	SS	U11131/2	NS		
CHEG	1	EM/SS	"	FL		
GRBL	1/2 H	SH/EM	"	RL/FL		
WFB	1	"	"	NS/FL		
BWBL	1	EM/SS	UST133/2	NS		nest, 3 eggs
VNTE	1	EM/SS	U11133/2	NS		nest, 9 eggs
WEMF	1	EM/GR	U11137/2	NS		
MALL	1	EM/SS	"	NS		

Number: X = present (too numerous to count)

- Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

- Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

entered Database

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 18 June 2002 Observer: K. Crowder

Start 0634. Cool. cloud cover 10%.
Bauwert = 1

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
YESP	1	SS	U2153N	NS		s
BRSP	1	SS		NS		s
WEME	1	SS		NS		s
SANS	1	SS		NS		s
HOLA	2	SS		RL		perch/c
BHCO	1	SS		NS		s
BRSP	3	SS		NS		s
BRSP	1	SS		NS		s
ADMO	1	SS		NS		s
WEME	1	SS		NS		s
YHBL	1	SS		FL		flyover
BRSP	1	SS		NS		s
SATH	1	SS		NS		s
BRM	1	coftrwood		UD		alarm call
Unknown Raptor	1	"		FL		GHOW?
RIPH	1	SS		UD		c
WEME	3	SS		NS		s
WDO	1	coftrwood ?	U2153S	NS		s
VESP	1	SS		NS		s
BRSP	1	SS		NS		s
HOLA	1	SS		UD		c
WEME	1	SS		NS		s
BITCO	1	SS		FL/NS		s
HOLA	2	GR		UD		c
WEME	1	SS		NS		s
						GR = heavily grazed grass

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
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 SG = Saltgrass (salt grass, alkali sacaton flats)
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Behavior:

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 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

Entered Data by 10 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 18 June 2002 Observer: R. Gough

Species	Number	Habitat	Unit/Transect	Behavior	Comments
NOSE	2	SW	U15T45S	RL	
NORP	1			RL	
WIPH	9			FD	
ANAV	13 23			FD	
SAYS	1	EHT		NS	S
COVE	1 1	EHT		NS	S
CITE	4	SW		RL	
KILL	1	EMS		NS	C
MWNR	1	EHT		NS	S
MWNR	1	EHT		NS	S
SAYS	1	GR		NS	S
CLSW	1	GR	U15T45N	FD	
YHA	4	EHT	U15T47N	UD	coll/debris
MWNR	1	"		NS	S
RDDU	1	SH		NS	S
GADW	4			FL	fish
MHL	1				↑
UNTE	2				↑
BBBL	1	EHT		NS	food in mouth
SOSP	1	"		NS	S

Number:

X = present (too numerous to count)

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EHT = Tall Emergent (Cattail, bulrush)
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 SG = Saltgrass (salt grass, alkali sacaton flats)
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Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

entered January 9 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 18 June 2002

Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
WENE	1	GR	U15T39S	UD		0822 call/waxy
COYE	1	EMT	U15T41S	NS		0933 S
GADW	3	SH		RL		
MAL	1	SH		RL		
CNDU	4	SH		RL		
SAYS	1	GR	U15T41S	NS		S
GADW	2	GR		FL		flush
YHBL	1	GR		NS		♀, distraction display, food in mouth
BRSP	1	SS	U15T43N	NS		suspect
WENE	1	SS		NS		S
BRSP	1	SS		SS		
Empty SATH#	nest in	save, ~7 ft w of	f-live. 3 ft off ground	100% cover.		Nest of bare stems, lined w/ other veg. (bank)
BRSP	1	SS	U15T33N	NS		1013 S
CNSP	1	SS	U15T43 N	FO		
HOLT	2	SS		NS		S
SAYS	1	GR		NS		1050 S
BRBL	1	GR	U15T45S	NS		1128 food in mouth
WENE	1	GR		FL		C
WENE	1	GR		NS		S
SAYS	1	GR		NS		S
MAL	28			RL		
AGWT	7			RL		
GADW	18			RL		

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
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Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

entered Darany 9 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 18 June 03
 Observer: Stone

*What does loop very indicate for p 12 of 24 (?)

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
BWST	1	sw	24 103 s	fo		
Godwit	1	sw	24	fo		
duck	40	1	1	fold		
Amur	1	MF	24 1a3/s	NS	1N/3eggs	on mudflat ~ 25 yds from the edge of suspect water (MNH)
Sps#	~10	mf-sw	24 1a3	UD		
Mockingbird	1	SS	24 1a3/N	NS		Singing
Corn	2 3	ems	24 1a1/s	NS	suspect nests	
Brewers br	X	SS	24 1a1/N	NS		
Sparrow sp	1	SS	24 1a1/N	NS		
RWB	X	ems	24 1a1/s	NS		
Sparrow sp	X	sh	24 11THN	NS	suspect	
Kill	X	mf		NS		in w. impoundment
coye	2 =	emt	24 11TS	NS		
RWB	X	emt				
Sps#	1	UD				

Number: (too numerous to count) X = present

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedge, sedge)
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sacaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

Entered Daily 18 Nov 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 18 June 2002 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
BRBL	4	SS	U11535	NS		mob/c
SATH	1	GR	U15135	NS		s
KILL	1	ditch	U15137S	NS		c
Unknown hawk	1	GR		RL		perched on T-post
HOLA	1	GR	U15137N	UD		c
COSN	1	GR		FL		
BRBL	1	GR		FL		34:50
MAWR	2	EMT	U15139N	NS		s
YHBL	1	"		NS		s
BRBL	2	EHS		RL		flush
NOMO	1	SS		RL		perch
WEME	1	GR		NS		s
HOLA	1	GR		UD		flush
VESP	1	SS		NS		s
SAYS	1	SS		NS		s
KILL	1	levee		NS		c
GADW	1	SH		RL		
RTHA	1	GR	U15139S	FL		soaring
SAYS	1	SS		NS		s
BRSP	1	SS		NS		s
SAYS	1	GR		NS		s
SATH	1	SS		NS		s
SAYS	1	GR		NS		s

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
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Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

entirely Barany 9 Dec 03

Comments

must this be present

perched on T-post

0843

0804

21 12 23

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6-18-02 Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
WEMT	1/2	SS/EMS	U1T191/2	NS		
SNEG	1	EMS	"	FL		
GRW	2	EMS	"	FL/RL		
RWBL	X	EMT	"	NS		
KILL	1/2	ST/EMS	"	NS		
YHBL	X	EMS/EMT	"	NS		
MWR	X	EMT	"	NS		
WFB	1	EMS	"	FL		
CITE	2	ST/EMS	"	RL		
LOSN	1	SS/EMS	UST139/2	FL	winning	
MALL	1	"	"	FL		
SOSB	1	SS	U1T139/2	NS		
Brewer's BB	2	SS	"	NS		
WIPH	3	ST/MF	"	FD		
Night Heron	2	EMS	"	FL		
MALL	4	SH	"	RL/FL		
MDD	2	MF/GR	"	NS		
BB Raven	2	GR/SS	U1T191/2	FL		
Maggie	1	"	"	FL		
Brewer's BB	4	SS/GR	"	NS		
Sage Thrasher	1	"	"	NS		
MDD	1	"	U1T139/2	NS		
Vogel Sparrow	3	"	U1T139/2	NS		
Horned Lark	2 1	"	"	NS		

Number:

X = present (too numerous to count)

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
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- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sacaton flats)
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Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

*entrad edonary 8 Dec 02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
Date: 19 June 82 Observer: Stern

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Amur sparrow	1	Bg SW	7-6.3-S 716.7-N	D		1 deep, egg, on line see back for description
Mall sparrow	9	SH SA	716.9-S 716.9-S	SH SA		8 ducks in small path off to in otherwise 100% day transect
(All) Mall-Gadw? ?	8	DE	17-85.1-M	-		7 duckling (class Ic → 7 duckling class Ic
NASH	1 ♀	DE	17-85/87	NS		didn't see them but duckling present class 1b (3 duckling) probably f, RL
Route cat Teal sp cool	4			NS f		
Canada grebe	75			FO UD		
Puddy duck	200			↓		
Yhb	X	EMT		NS		
M. Wren	X	DE		NS		
Bunker	300	DE		NS UD		water, cadu, c'te, NASH etc
Mall	150			NS		
Coyle	X	EMT	17/18.7	NS		calling
Sora	1			↑		
Teal cat	10	EMT+sh	17.8.7	UD		
Mall	40	SH	17.8.9			
A. Bittern	1	EMT	17/18.9	↑		
Yhb	X	EMT		NS		
M. Wren	X	EMT		↑		
Kill	X	MF	24.11.5-N	NS		
Coyle	X	EMT	24.11.5-N			

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
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 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

D dead

Entand Barnum 11 Dec 83

Start 6:15 am

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/19/02 Observer: Chanda Rethi

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Doves	N	Trees	22/69+55	NS		
Red wing blackbird	N	GR/SS	22	NS		
Killdeer	2	ZMS	22/69+71	NS		
Mallard or Gadwall?	6	DE	22/71	RL		were young have seen them there prior also
Southern's Hawk	1	Trees	22/69	RL		possible nest
Song sparrow	N	GR	22	UD		
red wing blackbird	N					
yellow headed blackbird	N					
Shoveler	1	GR	22/69+67	FL		
Sack rabbit	3	SS	22/67+57			running
Mole deer	9	SS	22/57	UD		2 groups L & 3 @
chons frogs	X	ZMS	22/71			
sparrow sp.	~6	GR	22/5-71			

Number: X = present (too numerous to count)

Habitat Codes:

- EWT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, Mud flat/Shore (unvegetated flat/shore)
- MF = Shrubland (dominated by greasewood, rabbitbrush)
- SS = Deep water (>2')
- DE = Shallow water (<2')
- SH = Salgrass (salt grass, alkali sacaton flats)
- SG = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loafing
- FL = Flying
- UD = Undetermined

Entered Darany 10 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6-19-62

Observer: Gavron

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
P. Yellowthroat	1	EIT	U97103 1/2	SI		
L.R. Yellowthroat	5	EIT	"	"		
Mallard	1	EWS	U97105 1/2	NS	3 eggs/15 days on transect	
R.W. B. Bird	3	"	"	SI		
A. Sparrow	3	EWS	U97101 1/2	SI		
W. Dove	1	"	"	NS	1 Egg	
Brewer's Blackbirds	10	"	"	FL/UD		
R.W. B. Birds	4	EWS	U9799 1/2	SI		
Starling Owl	1	"	"	FL		
R.W. Black Birds	3	"	U9799 1/2	FL		
R.W. Black Birds	2	"	U9797 1/2	F/SI		
Mourning Dove	3	EWS	U9795 1/2	NS	2 young	
Short-eared Owl	1	"	U9795 1/2	NS/FL	1 adult for nest	
Short-eared Owl	1	"	U9793 1/2	CO	Different from above / much brown / reddish bird	
Mallard	2	EWS	U9785 1/2	NS	3 eggs -	After another hen flush but couldn't see nest
Common Yellowthroat	1	Willow	U9783 1/2	SI		Singing in willows on Empire bank
Savannah Sparrow	3	EWS/SA	U9783 1/2	SI		@ S end of U9783 1/2
EIK	4	EWS/EIT	U9792-101			All 4 were balls
Loon	1	EWS	U9795 1/2			Laying down

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycamore flats)
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Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

Invent Denny 11 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 19 Jun 02

Observer: Steve

N = Middle of transect

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Cosn	2	ems	17.81/S	NS		
Duck	20	sw	17.81/S	UD		in ditch to immediate W of T
Arnar	4	sg	17.81.M	NS		mobbing, not well pole ~ 100 yds
Kill	X	1				
SARA	1	EMT				
Cosn	1					
YTB	X					
WFB	5			fl		
Arnar	2	EMT		NS		mobbing re white oval thru brush
bullall	1	EMT		-		
Marsh wren	X	EMT		NS		
N. Heron	1	EMT	8.81.S	FO		7
Mall	1 ♀	EMT	17.81.N	NS		suspect nest off line to W
Sora	1	EMT	8.81.S	NIS		calling
M. Wren	X	EMT		NS		
Cosn	1	EMT		NS		
Duck	15	sw				in "2nd pond", 2nd Northern pond
Kill	X			FO NS		
Duck	15	as		fo		Redh chick, pale, gut, 9 Aug. N of pond
WFB	6					in mosaic of EMT, ems + Bp, some sw
WFB	15, 5					
Arnar	X	ems	17.81.M	NS		
Arnar	4					

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (cattail, bulrush)
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 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

Entered January 11 Dec 02

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 6-19-02 Observer: Vaughn

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Fared Grebe	2	DE	U18T10M2	RL		
Rupu	8	DE		RL		
Amco	7	DE		RL		
Amrv	2	SH/MF		FO/RL/NS		
Night Heron	2	SH/MF		FO/RL		
KILL	3	SH/MF		NS		
Graw	5	DE		RL		
NOSH	4	DE		RL		
NOHA	1	EML	U18T10M2	FO/NS		
Yellow Warbler	1	EML	U18T10M2	FL		
Brew. BB	1	EML/GR		NS		
WFLB	1	EML/DE		NS		
MALL	5	DE		RL		seem to be nesting in cattails now
CITE	2	DE		RL		
RAV	5	DE		RL		
YHBL	X	EML		NS		
MVNR	X	EML		NS		
	X	EML		NS		3 nests + 1 nest w eggs
SNEG	1	EML		FL		
MALL	15	SH/EML		RL		
Night Heron	1	"		RL		
YHBL	X	EML/SH/TLOS		NS		
AMBI	1	EML	U18T10M2	NS		1 nest, 1 egg
EIK	1	MF		RL		
WFLB	4/8	SH/MF		RL		

Number: X = present (too numerous to count)

Habitat Codes:

- EML = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, Mud Flat/Shore (unvegetated flat/shore)
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycaton flats)
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Behavior:

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- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

*Entered Database & Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 19 June 2002 Observer: R. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/yrng	Comments
NOPI	1	FMT/SH	U15749N	NS		acting "brassy" Flapping wings, quacking
COYE	1	FMT		NS		S
HAWR	0	"	U15749S	NS		S
SOSP	1	"		NS		S
SORA	1	"		NS		S
WIPH	2	HS/ENS		NS	probably	broken wing display
RMBL	1	EMS		NS	suspect	mob
COSN	1	"		FL		
WIRH	1	"		NS		mob
KILL	1	"		NS		mob
WIPH	8	SH		FO		
NOSH	2	SH		RL		
SOSP	1	SS		NS		S
UNDK	1	SH	U15751S	NS		5 yng
ANCO	6	SH		FL		
WIBL	1	FMT		UD		
KILL	2	road	U15753N	NS		S
SORA	1	road	U15753N	NS		S
BUOW	2	oys.	U23775	rigidant		flow to fence post & watched me *hobbing

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Salgrass (salt grass, alkali sycation flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

Edward Darany 9 Dec 03

drunken

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 19 June 02 Observer: Stone

1 dead, did this spring

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/eggs/young	Comments
S. crane	1	1ms	17.83.85/D			1 dead, did this spring
duck	1	disp	0.79.M	D	egg shell	fragment of duck egg shell
not wearing or seeing anything (except chicks) in area as of 79, dry						
meadowlark	1	Ems-sg	8.79.S	NS	↑	area of N irrigation ditch
sparrow spc	2	sg	8.79.S	NS	↑	
kill	X	sg	8.79.S	NS		
ghow	2	Emt	17.83.N	UD		at Parker pond area
murres	X	Emt		NS		
pb grebe	2	DE		UD		
coot	X	DE-Emt		NS		
coyote	1	Emt				
spSA	1					
Bank						
und duck	3				3 ducklings	clean 1c
Cape	12			NS	12 goslings	
ducks	300			FO		Ruddy, Gadwall
egret sp	10			NS		
card grebe	5			fo-UD		
SOA	1	Emt		NO	1 juv	
Wade	2 ♀	↑	17.83.N	NS		suspect washing - off live
Tad bug site	1 ♀	↑		1		
Mall	100	DM		NS		
NH/Tad bug	1 ♀	Emt		NS		suspect nest in live bed contact bird

Number: (too numerous to count) X = present

Habitat Codes:

- EMT = Tall Emergent (Cattail, bulrush)
- EMS = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
- SS = Shrubland (dominated by greasewood, rabbitbrush)
- DE = Deep water (>2')
- SH = Shallow water (<2')
- SG = Saltgrass (salt grass, alkali sycation flats)
- GR = Grassland (non salt grass but not wetland veg)

Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

D = dead

Or duckling - found within

Data entered January 18 Dec

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 19 June 2002 Observer: K. Grewler

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
SORA	1	EMT	U15T47S	NS		s
HOLA	1	GR		FL		
AMCO	1	SH		UD		c
WEME	1	SS		NS		s
SAYS	1	SS		NS		s
BRBL	3	SS/GR		NS		s / food in mouth
KILL	1	GR		NS		c
SOSP	1	EMT		NS		s
AMV	10	SH		NS		
WIPH	4	SH		FO		
WFTB	2	SH		FO		
SAYS	1	GR/ENS		NS		s
WIPH	2	EMS		NS		mob
AHCO	4	SH		RL		
SAYS	2	SS	U15T47N	NS		s
BHCO	2	SS		NS		s
KILL	2	MF		NS		s
WIPH	1	MF		FO		
MAWR	2	EHT		NS		s
SOSP	1	EHT- bush		NS		male s / female flushed
COYE	1	EHT		NS		s
YHBL	2	EHT		NS		s
UNTE	1	EHT	U15T49N	NS?		s

Number:

X = present (too numerous to count)

p

Habitat Codes:

EHT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
 DE = Deep water (>2')
 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined
 Behavior: Know where I am anyways -
 am probably way offline

Entered Darny 9 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/20/02 Observer: Chanda

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Lyng	Comments
N. Harrier	1	SS	16/55	FL		
Sack Rabbit	2	SS	16/1	UD		
Cotton-tail	3	SS	16/65-71	UD		
Coyote				UD		No sight? Numerous tracks, calls in the morning.
Killdeer	N		16	UD		
Snipe	1		16/65	NS		
Raven	4		16/65	RL		
Magic	2	trees	16/67	RL		
Meadow Lark	N		16	NS		
Red-wing blackbird	N		16			
Sparrow sp.					3 eggs	in a grasswood
Dove	N	Trees	16/67			

Number:

X = present (too numerous to count)

Habitat Codes:

EMT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
 MF = Mud Flat/Shore (unvegetated flat/shore)
 SS = Shrubland (dominated by greasewood, rabbitbrush)
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 SH = Shallow water (<2')
 SG = Saltgrass (salt grass, alkali sycaton flats)
 GR = Grassland (non salt grass but not wetland veg)

Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Lounging
 FL = Flying
 UD = Undetermined

Entered Darany 10 Dec 03

DATE: 20 Jun 2002
 Observer: K. Crowder
 BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
RWB	2	ditch	V18T99N	NS		calls
- HALL	1	scattered in residual		NS		part of carcass found
SAYS	1	GR		NS		
KILL	1	?		NS		
- Another HALL	1	♀ kill ♀ fresh (nests present)		NS		wings intact in residual tuba; probable hawk (?) pellet found, (??)
but I also have	1	coyote nearby & scat found, maybe scavenged by hawk		UD		call
WFIB	1	prob. FL		NS		
COYE	1	prob. ENT		NS		
RWBL	2	?		NS		but I can't see it
SAYS	1	BS		NS		
WFIB	2	GR		FL		call/flyover
BHCO	1	SS	V18T99S	NS		
WEME	1	GR		NS		call/obscure
WEME	1	EMS		NS/FL		call/fly
CLSW	1	EMS		NS		winnow
CO5N	1	EMS?		NS		
SAYS	2	EMS		NS		
WEME	1	SS		NS		
MAMR	1	ENT		NS		
CLSW	~20	bridge	V18T97S	NS		mob
- GAW ♀	1	kill (very worn wings) in tuba, old kill		NS		only feathers & parts of wing left
UNTE	1	EMS		NS		nest/9 eggs w/ down; fresh eggs; 100% tuba,
75-100% cover		ground flooded, 0 ft to water		NS		2" off-line
MAMR	1	ENT		NS		
SOSR	1	SS		NS		

Number: X = present (too numerous to count)

Habitat Codes:
 EMT = Tall Emergent (Cattail, bulrush)
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Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loating
 FL = Flying
 UD = Undetermined

I had gotten off-line a bit so this may actually be on-line, will check tom.

Entered Daryny 10 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 20 June '02 Observer: K. Crowder

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
SAYS	2	SS	U18T97S	NS		s
WFTB	7	EHS		FL		≡
BHCO	1	?		NS		s
BRSP	1	SS		NS		s
SAYS	1	SS		NS		s
WEHE	1	SS	U18T97N	NS		c
SAYS	1	SS		NS		s
SAYS	1	SS		NS		s
COSN	1	SS		NS		windw
RWBL	4	SS/EHS		NS		defence call
SAYS	1	EHS		NS		s
BCHH	2	EHS/SS		FL		flyover
WEHE	2	GR	U18T95N	NS		defence call
COSN	1	EHT		NS		defence call/windw
SOSP	1	SS?	U18T95S	NS		s
RWBL	1	SS		NS		defence call
MODE	1	SS		FL		flush
BRSP	1	SS		NS		s
MODE	3 (1P)	SS	U18T93S	FL		1 pair
BRSP	1	SS		NS		s
BRBL	1	SS		NS		defence call
COYE	1	EHT	U18T93N	NS		s
MANR	1	"		UD		perched & vigilant
GADW	1	EHS	U18T91N	NS		9 eggs, ~ all d; 25-50% cover; 95% tube off-line - ♀ flush

Number:

X = present (too numerous to count)

Habitat Codes:

- EHT = Tall Emergent (Cattail, bulrush)
- EHS = Short Emergent/Wet Meadow (rush, sedges, mud flat/shore (unvegetated flat/shore))
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Behavior:

- FO = Foraging
- NS = Breeding/Nesting/Singing
- RL = Resting/Loating
- FL = Flying
- UD = Undetermined

* entered Daramy 9 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6/20/02

Observer: L. Kavaniska

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Lyng	Comments
ELK	4	EMT	10/109	NS		2 cows / 2 calves
e. yellowthroat	3			NS		
R.W. Blackbird	6					
Marsh wren	1					
Song sparrow	1					
Blk Cowbird	1	EMS/SS		UD		
Savannah sparrow	2			NS		
ELK	2	SG/SS	1			2 bulls
N. Harrier	1	EMT	4/109	FL		
Vesper sparrow	1	SS/SS		NS		
u. meadowlark	4					
Savannah sparrow	5	EMS				
R.W. Blackbird	4					
e. yellowthroat	3	EMT				
Brewer's Blackbird	6	EMS/SS				
horned lark	3	SS/SS				
mountain dove	3					
mockingbird	1					
ELK	3		4/111			3 young bulls
Coyote pup	1					
Vesper sparrow	3	SS	u10/T113	NS		
Blk Cowbird	2					
Killdeer	1	hka				
Sage Thrasher	1	SS	10/113	NS		

Number: Brewers Sparrow w/ 1
Habitat codes:

X = present (too numerous to count)
EMT = Tall Emergent (Cattail, bulrush)
FO = Foraging
NS = Nesting/Singing
RL = Resting/Loating
FL = Flying
UD = Undetermined

EMS = Short Emergent/Wet Meadow (rush, sedges,
MF = Mud Flat/Shore (unvegetated flat/shore)
SS = Shrubland (dominated by greasewood, rabbitbrush)
DE = Deep water (>2')
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GR = Grassland (non salt grass but not wetland veg)

Entered Drury 11 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 20 June '02 Observer: Crowley

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/lyng	Comments
RWB	1	EWS	U18T91	NS	2 eggs	♀ mob
COYE	1	↓		NS		S
SAYS	1	↑		NS		↑
RWB	1	↑		NS		↑
RWB	2	EWS		NS	4 yng (1 nest)	♀ flush, ♂ mob
KILL	1	dive		NS		c
SNEG	1	SH	U18T89S	FO		
COYE	1	EWT		NS		S
WFB	2	EWT		NS?		mob
RWB	2	EWS/weeds		NS	2 yng 1 egg left	♀ flush, ♂ mob

Number:

X = present (too numerous to count)

Habitat Codes:

EWT = Tall Emergent (Cattail, bulrush)
 EMS = Short Emergent/Wet Meadow (rush, sedges,
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 DE = Deep water (>2')
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Behavior:

FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

extend Downy

9 seeds

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
Date: 20 June 02 Observer: STW

Species	Number	Habitat	Unit/Transect	Behavior	Nest/Eggs/Lyng	Comments
Mallard duck	9	SH	24/115/M	AD NS	18 duckling	Class 1b
Anas	5	SH-MF		FO		
Mall	4	SH		NS		Class 1b
spca	1	SH-MF		FO		
Wing duck	4	SH		UD	5 duckling	class 2a-b (leather Mall or gadu)
duck	50	SH		UD		
Moran	X	EMT		NS		
spaw spaw	X	SS	24/115	NS		
		SS	24/111M	UD		
Mall	1	BG	24/109S	D	1 deep egg	

Number:
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Behavior:
 FO = Foraging
 NS = Nesting/Singing/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

D dead

entered Daily 11 pages

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Date: 6-20-02 Observer: Vaughn

1 DE UHTA3N/2

NOSH

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Lyng	Comments
Magpie	1	GR/MS UHTA3N/2		FL		
YHBL	4	SS/MS UHTA3N/2		NS		
WEMF	1	SS/GR		NS		
BCNH	1	EMS UHTA3N/2		FL		
KILL	1	MF/GR		NS		
GRON	2	SS/GR		FL		
WADO	1/2	GR/MS		FL		
Brew. B.B.	1	SS/MS UHTA3N/2		NS		
SOSR	1	GR/MS		NS		
BWTE	2	SH UHTA3N/2		RL		pair in ditch @ N. end
SNEG	4/2/2/1/1	SH UHTA3N/2		FO		
MALL	4	DE		RL		
YHBL	X	EMT		NS		anests, deags
CA60	13	DE		RL		young (different broods) swimming
Amro	4	DE		RL		
GRON	2	DE		RL		
KILL	2	EMS		NS		
RWBL	2	EMT		NS		
WEME	1	SS UHTA3N/2		NS		
Raven	1	SS		FL		
MOOO	2	SS		NS		
Red-tailed Hawk	1	GR UHTA3N/2		NS		FLYING OVERHEAD & CALLING! near nest nearby?
WFLB	1	SH/EMT		NS		
CITE	2/1	DE		RL		

Number:

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 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

entered Danavay 9 Dec 03

9:30
107

95570-9261-9141 - Colorado Booby
 Date: 4/29/2002
 Observer: MS

Becky Weinstein
 Area: Gobernador's Coll.
 04/21/2002

Species Number Habitat Unit/Transsect Behavior Nest/Eggs/Lyng Comments

♀ (W) Shearwater	2	BNT	3/107N	NS		
immature bird	1	SC	3/107N	RL		
egg clutches	1	SS	3/105N	NS		
			quilt 10:47			
			clutch 7:15			
Shearwater	2	SC	3/103N	RL		
2W Shearwater	1	EMT	3/103N	NS		
Keenud bank	2	SG	3/103S	UD		
immature sparrow	1	GR	3/103S	UD		
all	5 ♂	all	3/103N	UD	now to rear and then back to rest - always present	legs
Red tailed hawk	1	GR	3/101S	RL		
Red tailed hawk	3	EAT	3/101S	FO	prey sparrow	
accidental sparrow	1	GR	" "	NS		
egg clutches	1	SS	3/101N	NS		
Vegetation						
Cattle egret	1	EMS	3/99N	FO		
marsh bird	1	SS	3/99N	FL		
accidental sparrow	1	EMS	3/99S	NS		
immature dove	1	SS	3/91N	NS	not with egg under grass	
immature sparrow	1	EMS	3/91S	RL		
immature sparrow	1	EAT	3/87S	not with egg		
immature sparrow	1	EAT	3/87S	not with egg		
all	1 ♀	EMT	3/87N			

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 GR = Grassland (non salt grass but not wetland veg)

Behavior:
 FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loading
 FL = Flying
 UD = Undetermined

cont'd Downy
 18 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 21 June 02 Observer: Eacchi A

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Shoveler	8	Canal	U9 Sprueller	US		2 young in ground
Red-tail	9	"	"	US		8 young in ground
Flk	1	EWT	U9T88 1/2	Laying		
Ibis	20+	EWS	U9T89	FD		
Avocet	3	EWS		FL		
Snowbird Sparrow	5+	EWS	U9T87	SI		
Vesper Sparrow	5+	SS		SI		
Webb's Ibis	20+	EWT		US/SI		
All. Avocet	1	EWT		FL		

Number: X = present (too numerous to count)

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- Behavior:
 FO = Foraging
 NS = Breeding/Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

entered January 9 12:03

DATE: 21 June 02 Observer: Steve

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR

Species	Number	Habitat	Unit/Transsect	Behavior	Nest/Eggs/Lyng	Comments
Rugb	X	EMT	18/105/S	NS		
M. Wren	X	EMT				
Mall	25	EMStsh				There is sub Alway in seen on T105
Wohb	1	EMs		D		Clashed group of ducks w of T, no flushing here though
Mallor gadw	1	EMstsw	18.105.M	D	Nest	Just south of mid pole) large "blob" of down found but could not find nest
coys	X	EMT	18.105.M	NS		Just S. of mid pole
cosn	1	-	18.105.S	FL		
wild duck	10	DE	18.105.M	UD		9 ducks on lower Ia
Ducks	75 ⁴⁵			UD		mall, gadw
mall-gadw	4					3 lower Ia
chorus frog	X	UD				4 lower Ia
M. Wren	X	EMT				1 lower Ia
* WFTB	2	bulrush island		D	2 dead juv	T105 goes thru small bulrush island, flushed with (Adult?) found 2 dead juv, can't see any definite downed nest platform - but could have nested here. They have broad quills + feathers but on the verge of flight!

Number: X = present (too numerous to count)

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Behavior:

FO = Foraging
 NS = Nesting/Singing
 RL = Resting/Loafing
 FL = Flying
 UD = Undetermined

Dead

Entered Baramy 11 Dec 03

BIRD DATA SHEET-DUCK NEST TRANSECTS, MVNWR
 Date: 21 Jun 02 Observer: Stone

Species	Number	Habitat	Unit/Transect	Behavior	Nest/eggs/young	Comments
Arnow	30	SH	18-105-N	wd fo		Parker Pond
Coye	1	EMT		NS		
Kill	X	MF	18-103-M	NS		
Sparrow sparrow	X	SS				
chick	1	EMNS	18-101-N	D		1 dead adult, few remains
the elk	X	SS EMT	Unit 24	-		tracks, scat
bull elk	1	Fall 13	Unit 4 S	-		tracks, scat throughout (T113 + 115 U4)
rows/young	6	U4	T113 OS	fo		together
N. Harrier	1 ♂	EMT	4-115 OS	NS		Nest just S. of former 115 pole
2 w/b	X	EMT				

Habitat Codes:
 Behavior:

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 GR = Grassland (non salt grass but not wetland veg)

FO = Foraging
 NS = Nesting/Nesting/Singing
 RL = Resting/Looting
 FL = Flying
 UD = Undetermined

Number:
 X = present (too numerous to count)

Entered January 11 Dec

Duck Nest Transect Info by Walker Name with Maps

Number of nests and area surveyed during duck nest transects, MVNWR, 1964-2002.
 June 26, 2002. Stone entered, needs to be checked for data entry errors.

Year	Total	May	June	Data Source	Area (from Gilbert et al. 1996)
1964	261	107	154	A	261.83
1965	212	84	128	A	261.83
1966	260	158	102	A	261.83
1967	244	105	139	A	261.83
1968	315	132	183	A	261.83
1969	230	131	99	A	200.72
1970	229	103	126	A	200.72
1971	114	8	106	A	102.39
1972	127	66	61	A	189.8
1973	239	105	134	A	189.8
1974	109	44	65	A	189.8
1975	65	10	55	A	189.8
1976	95	48	47	A	189.8
1978	55	18	37	A	189.8
1979	53	29	24	A	189.8
1980	89	67	22	A	130.71
1981	104	49	55	A	136.38
1982	110	59	51	A	136.38
1983	114	26	88	A	136.38
1984	150	55	95	A	136.38
1985	152	84	68	A	136.38
1986	197	77	120	A	198.7
1987	262	118	144	A	198.7
1988	150	60	90	A	136.38
1989	130	69	61	A	136.38
1990	90	35	55	A	136.38
1991	78			B	136.38
1992	95			B	136.38
1993	93			B	136.38
1994	107	46	61	C	136.38
1995	85	41	44	C	136.38
1996	85			C	136.38
1997	99	45	54	C	136.38
1998	87	44	43	C	136.38
1999	110	35	75	C	136.38
2000	87	57	30	C	136.38
2001	103	64	39	C	136.38
2002	32	19	13	C	136.38

Copy for calculations:

1981	104	49	55	A	136.38
1982	110	59	51	A	136.38
1983	114	26	88	A	136.38
1984	150	55	95	A	136.38
1985	152	84	68	A	136.38
1988	150	60	90	A	136.38
1989	130	69	61	A	136.38
1990	90	35	55	A	136.38
1991	78			B	136.38
1992	95			B	136.38
1993	93			B	136.38
1994	107	46	61	C	136.38
1995	85	41	44	C	136.38
1996	85			C	136.38
1997	99	45	54	C	136.38
1998	87	44	43	C	136.38
1999	110	35	75	C	136.38
2000	87	57	30	C	136.38
2001	103	64	39	C	136.38
2002	32	19	13	C	136.38
	103.05				136.38

1981-1985
 1988-2002
 5
 2, 10, 2
 19 yrs

19 yrs $\bar{X} = 103$ total nests

Duck Nest Transects, May 20-24, 2002

person	Unit	Transects	Completed by:	Notes
Ian	1	55-71	Ian	
Ian	2 west	73-77	Ian	
Kelli	2 east	79-83	Ian	Stone
Mike	3	93-107	Mike	Boenden
	3	83-91	Kristina	
Lisa	4	109-123	Lisa	Rawinski
Robin	5	127-141	Robin	Vaughn, Peltay Bistech, 1st yr transects
Ian	6	29-53	Ian	
Kelli	7 east	55-71	Kelli	
Ian	7 west	39-53	Ian	
Kelli	8 east	79-83	Kelli	
Ian	8 west	73-77	Ian	
Ron <i>Garcia</i>	9	83-107	Ron	CDOW study in transects 83 through 95
Lisa	10	109-123	Lisa	
Robin	11	127-141	Robin	
Kelli	14	21-35	assigned to Kelli	
	14	21-35	Robin	
	14	37	Kelli	
Kelli	15	37-53	assigned to Kelli	
	15	53-51 (n h)	Chanda	
	15	37-39, 47-	Kelli	
	15	41-45	Ian	
Kristina <i>Criddle</i>	16	55-71	Kristina	Peltay Bistech, 2nd yr transects
Kelli	17	77-95	Kelli	
	17	73-75	Chanda	
Kelli	18	83-107	Kelli (Robin walked 2-3)	
Scott <i>Miller</i>	19	1-17	Scott	Partners for WDAF, ~5 yr of transects?
Robin	20	21-35	Robin	
Kristina	21	37-53	Kristina	
Chanda <i>Peltay</i>	22	55-71	Chanda	temp bin tech for partners for
Kristina	23	73-83	Kristina	WDAF, 1st yr of transects
Kristina	24	109-123	Kristina	

Ian Fehyko, temp bin tech for CDOW. Second yr of transects

Partners for WDAF, ~5 yr of transects?

temp bin tech for partners for WDAF, 1st yr of transects

PERSON	DUCK NEST #S	NON-DUCK NEST NUMBERS
Kelli	1-99 (used 1-4 in May)	ND 1-99
Ron	100-199 (used 100-107)	ND 100-199
Scott	200-299	ND 200-299
Lisa	300-399 (used 300-301)	ND 300-399
Chanda	400-499	ND 400-499
Ian	500-599 (used 500-503)	ND 500-599
Kristina	600-699	ND 600-699
Mike	700-799	ND 700-799

Robin 800-899 (used 800)

Duck Nest Transects, June 17-21 2002. Updated 26 June, 02.

1st person	Unit	Transects	Completed by:	Notes
Chanda	16	55-71	Chanda	
Chanda	22	55-71	Chanda	
Ian	2 west	73-77	Ian	
Ian	1	55-71	Ian	
Ian	7 west	39-53	Ian	
Ian	17 west	73-77	Ian	
Ian		6 29-53	Ian	
Ian	8 west	73-77	Ian	
Kelli	24	109-123	Kelli	
Kelli	8 east	79-83	Kelli	
Kelli	7 east	55-71	Kelli	
Kelli	17 east	79-97	Kelli	
Kelli	2 east	79-83	Kelli	
Kelli	18	83-107	Robin (101, 103, 105, 89, 87), Kristina the rest	
Kristina	21	37-53	Kristina	
Kristina	15	37-53	Kristina	
Kristina	23	73-83	Kristina	
Lisa	4	109-123	Lisa (Kelli: 113, 115)	
Lisa	10	109-123	Lisa	
Mike	3	93-107	Mike	
Robin	11	127-141	Robin	
Robin	20	21-35	Robin	
Robin	5	127-141	Robin	
Ron	9	83-107	Ron	
Scott	19	1-17	Scott	
Scott	14	21-35	Robin (123-29), Scott the rest.	

PERSON	DUCK NEST #S	NON-DUCK NEST NUMBERS
Kelli	1-99 (used 1-7 May and June)	ND 2-99
Ron	100-199 (used 100-107) (used 108-110 in June)	ND 101-199
Scott	200-299	ND 200-299
Lisa	300-399 (used 300-301) (used 302-304 in June)	ND 300-399
Chanda	400-499	ND 403-499
Ian	500-599 (used 500-503) (none in June)	ND 500-599
Kristina	600-699 (used 600-602 in June)	ND 606-699
Mike	700-799 (used 700 in June)	ND 700-799
Robin	800-899 (used 800 in May, 0 in June))	ND 803-899

Kelli CDOW 1-40 (0 cdow nests May and June) record: robel max height and
 Ian CDOW 42-80 (2 cdow in May, 0 June) one cardinal robel direction at
 Ron CDOW 83-100 (3 cdow in May, 0 June) every nest.

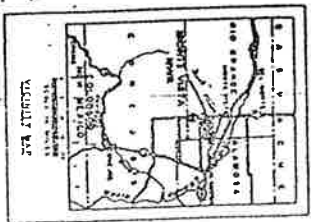
Tentative schedule

May 20-24, 2002

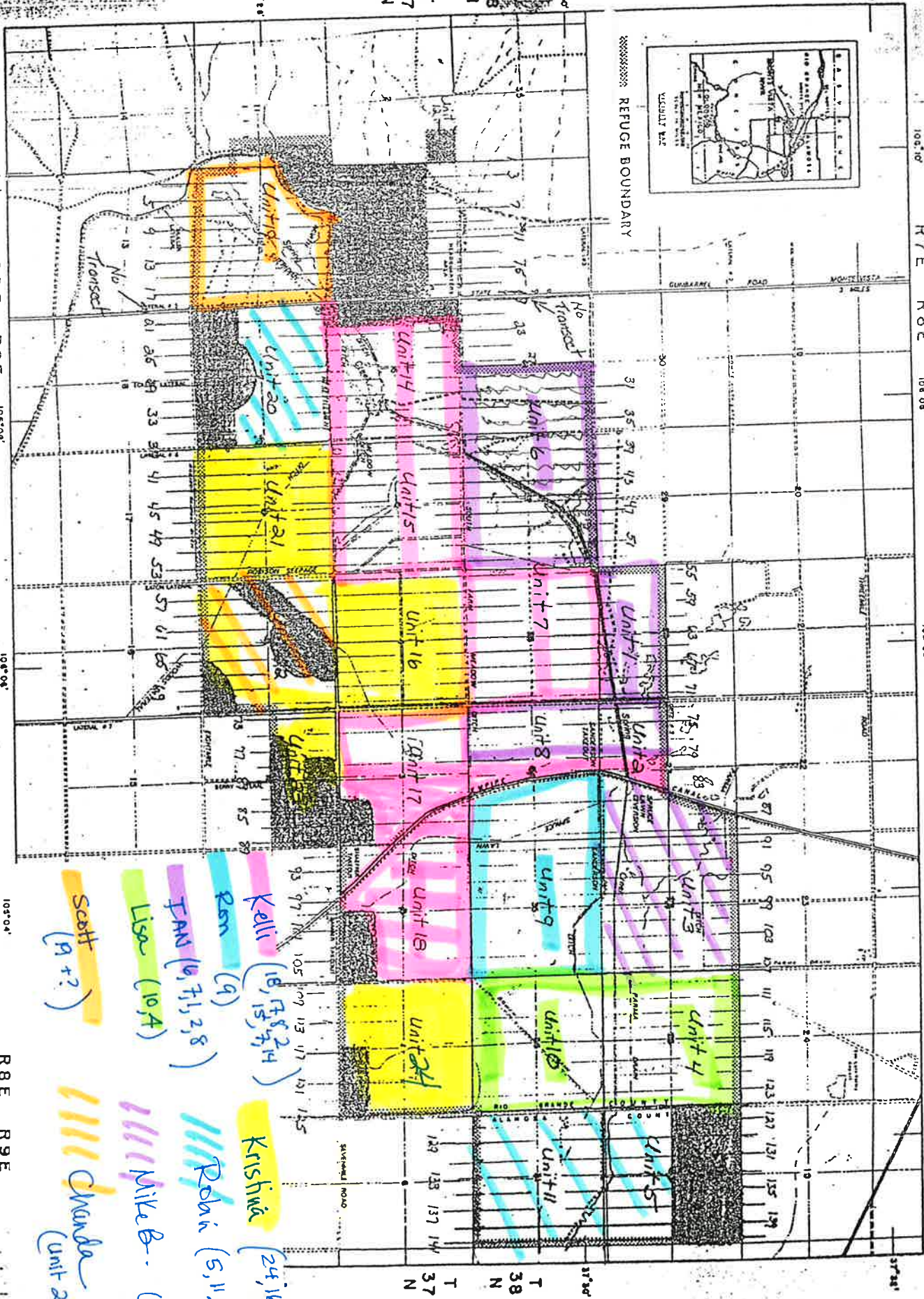
MONTE VISTA NATL. WILDLIFE REFUGE

RIO GRANDE AND ALAMOSA COUNTIES, COLORADO

UNITED STATES DEPARTMENT OF THE INTERIOR 100° 10' R7E R8E 100° 00' 100° 00' 100° 04' R8E R9E UNITED STATES FISH AND WILDLIFE SERVICE



REFUGE BOUNDARY



- Scott (9+?)
- Lisa (10A)
- Ron (9)
- IAN (6, 7, 1, 2, 8)
- Kelli (18, 13, 7, 14)
- Krishna (24, 16, 21)
- Robin (5, 11, 20)
- Nile B. (3)
- Chanda (unit 22)

COMPILED IN SURVEYS AND MAPS FROM SURVEYS BY THE B.L.M., U.S.G.S. AND F.W.S. DENVER, COLORADO. NEW MEXICO PRINCIPAL MERIDIAN. SCALE: 1" = 1 MILE. GR CO. 450 401

Duck Nest Transects 2002

CDOW Study

May

Unit 9

- 6 Nests on line (Ts 83-95) 102, 103, 104, 105, 106, 107
- 2 Nests off-line (Ts 83-95) cdow 81-82
- 2 Nests on line (but on Ts 83-95) 100, 101

Unit 7

- 2 Nests on line (both inactive)
- 1 Nest off line (cdow)

June

Unit 9

- 2 Nests on line (depredated) ^{Ts 83-95 found} 109, 110
- 1 Nest on line (not on Ts 83-95) 108
- 0 Nests off line

Unit 7

- 1 nest on line (predated) #5
- 0 Nests off line

CDOW Study

 **Kelli Stone**
06/03/02 10:04 AM

To: todd.sanders@state.co.us
CC:
Subject: RE: thanks for Ian's time/CDOW nests

Todd,

Oops, sorry about not including all of the nest forms in unit 7 and 9.

In May in unit 7 and 9 there were a total of 13 nests found; 10 of which were on-line and 3 were off-line for the CDOW study.

Unit 9, on line: 6 nests in transects designated as CDOW study (t 83-95) (102, 103, 104, 105, 106, 107)

Unit 9 off line: 2 nests (cdow 81, cdow 82)

Unit 9, on line but not in the transects designated as CDOW study: 2 nests (100, 101)

Unit 7, on line: no active (two inactive, one predated and one abandoned)

Unit 7, off line: 1 nest (cdow 41).

I will send you three more nest forms (# 100 , 101,

Kelli Stone
Refuge Biologist
Alamosa/Monte Vista NWR
719-589-4021, ext. 114
todd.sanders@state.co.us

6-26-02
I decided to call it
depredated b/c nest
has down but no
eggs. Nest # 500.

 **todd.sanders@state.c**
o.us
05/30/02 07:33 AM

To: Kelli_Stone@fws.gov
CC:
Subject: RE: thanks for Ian's time/CDOW nests

Kelli:

Thanks for the update. Also, it is a pleasure for me to be able to offer some help with Service tasks as I greatly appreciate what you have done for us.

All these all nests found on all of Units 7 and 9, or just certain transects?

Please make contact with Ian about helping with other work on the refuge. He knows what I need done, knows his schedule, and has been instructed to help you as needed and time permits. Ian and I should both be able to help with transects in June.

Thanks Kelli.

Todd

-----Original Message-----

From: Kelli_Stone@fws.gov [mailto:Kelli_Stone@fws.gov]
Sent: Wednesday, May 29, 2002 4:13 PM
To: todd.sanders@state.co.us
Subject: thanks for Ian's time/CDOW nests

Todd,

Thank you for Ian's time during transects; it really helped. We may have had the lowest number of nests in May since we started transects. I have to go back and confirm that but the number of nests found (17) was very, very low. There are only 9 active nests for your study:

A total of 9 May nests for the CDOW Study:

Unit 9, on line: 6 nests (102, 103, 104, 105, 106, 107)

Unit 9, off line: 2 nests (cdow 81, cdow 82)

Unit 7, on line: no active (two inactive, one predated and one abandoned)

Unit 7, off line: 1 nest (cdow 41).

I'll send copies of the nest forms.

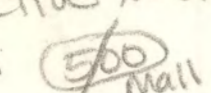
Let me know if Ian is available for other work. I'd like him, Kristina and Robin to start fixing transect poles. If that is okay with you. The week of June 17 are the next transects. I'll pass it on to Ian.

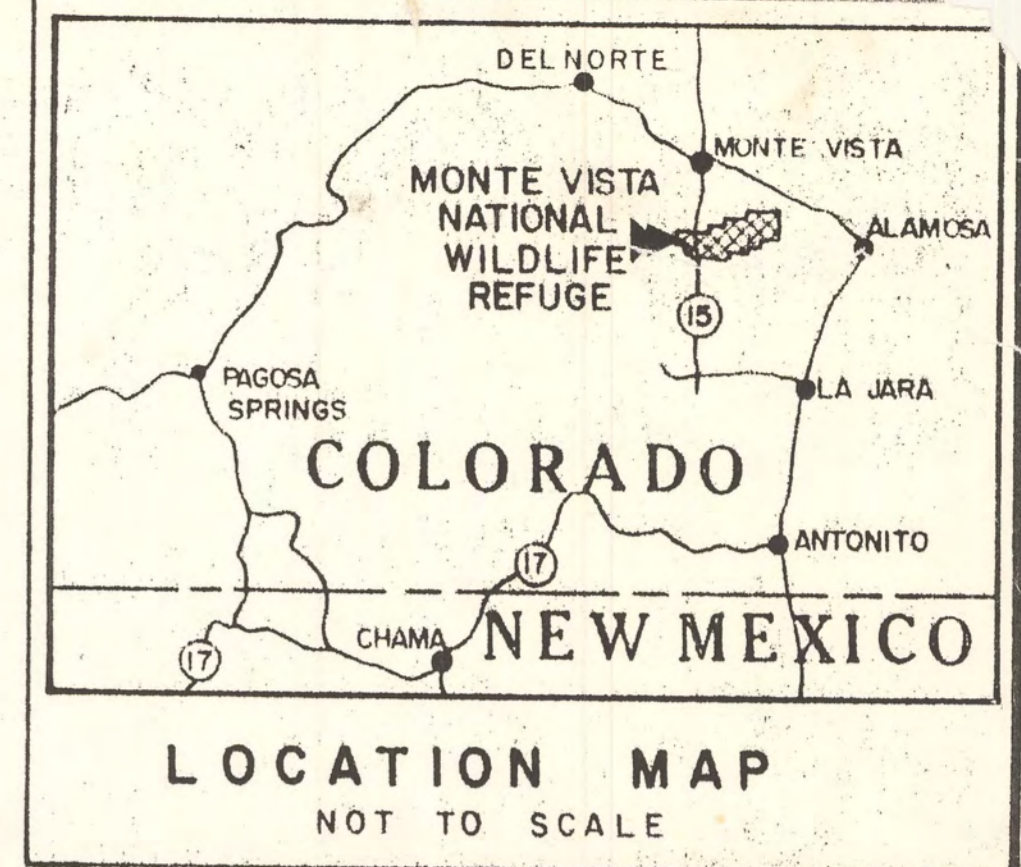
thanks, hope your trip was great! Kelli

Kelli Stone
Refuge Biologist
Alamosa/Monte Vista NWR
719-589-4021, ext. 114

Duck Nest Transects, 2002

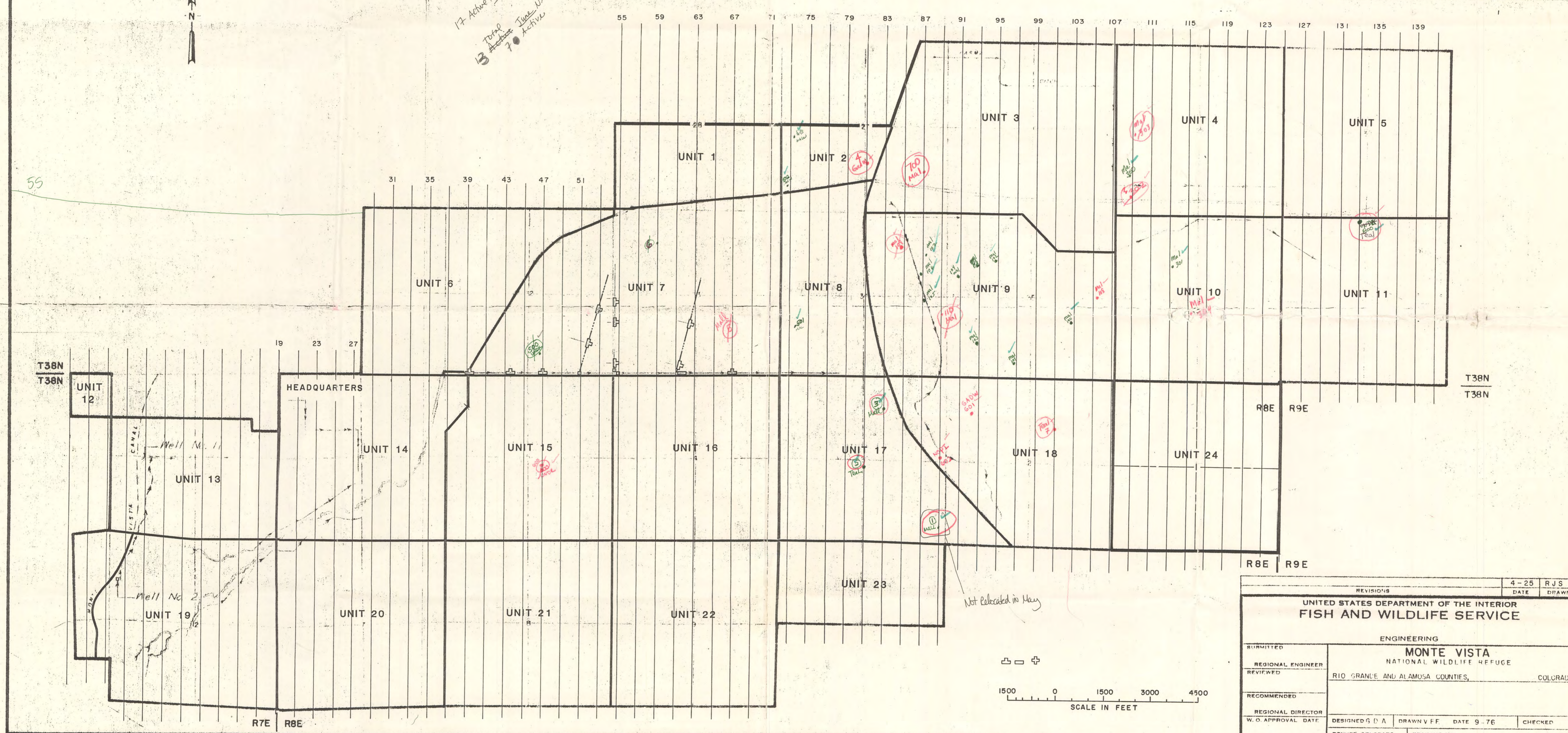
Green: Location of duck nests found May 20-24

- Directions
- put approximate location of duck Nests w/ species + Nest Number on Map
 - do not put non-duck Nests on map
 - put All duck Nests on map - Active + inactive
 - a Nest Number w/ a line through it indicates a non-active nest
i.e.: 



17 Active May Nests, 3 CDWS Nests
 70 June Nests, 18 CDWS Nests
 70 Active

May Nest circled in red = still active during June walk



REVISIONS		4-25	RJS
		DATE	DRAWN
UNITED STATES DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE			
ENGINEERING			
MONTE VISTA NATIONAL WILDLIFE REFUGE			
SUBMITTED		RIO GRANDE AND ALAMOSA COUNTIES, COLORADO	
REGIONAL ENGINEER			
REVIEWED			
RECOMMENDED			
REGIONAL DIRECTOR			
W.O. APPROVAL DATE		DESIGNED S D A	DRAWN V F F
		DATE 9-76	CHECKED
		DENVER COLORADO	DRAWING NO

Please put June nests in red