

Summary

8/9/13 10:11:19 PM -07'00'

Differences exist between documents.

New Document:

[FinalEIS](#)

6 pages (1.32 MB)

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Used to display results.

Old Document:

[Appendices](#)

6 pages (1.59 MB)

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[Get started: first change is on page 4.](#)


No pages were deleted

How to read this report

Highlight indicates a change.

Deleted indicates deleted content.

 indicates pages were changed.

 indicates pages were moved.

Appendix Q
Avian Point Count Data

Chatfield Reservoir Storage Reallocation Study
Avian Point Counts - Conducted June 20 and June 27, 2006

Sampling Stations:

Site: CHATB01 Habitat: Wetland
Site: CHATB02 Habitat: Wetland
Site: CHATB03 Habitat: Shrub
Site: CHATB04 Habitat: Tree
Site: CHATB05 Habitat: Tree
Site: CHATB06 Habitat: Shrub
Site: CHATB07 Habitat: Tree
Site: CHATB08 Habitat: Tree
Site: CHATB09 Habitat: Shrub
Site: CHATB10 Habitat: Shrub
Site: CHATB11 Habitat: Wetland
Site: CHATB12 Habitat: Wetland

List of Bird Species Observed During June 2006 Surveys at Chatfield

| Common Name (1) | Scientific Name (1) |
|--------------------------|----------------------------------|
| American Crow | <i>Corvus brachyrhynchos</i> |
| American Goldfinch | <i>Carduelis tristis</i> |
| American Robin | <i>Turdus migratorius</i> |
| American White Pelican | <i>Pelecanus erythrorhynchos</i> |
| Barn Swallow | <i>Hirundo rustica</i> |
| Black-billed Magpie | <i>Pica hudsonia</i> |
| Black-capped Chickadee | <i>Poecile atricapillus</i> |
| Belted Kingfisher | <i>Megaceryle alcyon</i> |
| Brown-headed Cowbird | <i>Molothrus ater</i> |
| Blue-gray Gnatcatcher | <i>Polioptila caerulea</i> |
| Brewer's Blackbird | <i>Euphagus cyanocephalus</i> |
| Broad-tailed Hummingbird | <i>Selasphorus platycercus</i> |
| Bullock's Oriole | <i>Icterus bullockii</i> |
| Canada Goose | <i>Branta canadensis</i> |
| Cliff Swallow | <i>Petrochelidon pyrrhonota</i> |
| Common Grackle | <i>Quiscalus quiscula</i> |
| Common Snipe | <i>Gallinago gallinago</i> |
| Common Yellowthroat | <i>Geothlypis trichas</i> |
| Double-crested Cormorant | <i>Phalacrocorax auritus</i> |
| Downy Woodpecker | <i>Picoides pubescens</i> |
| European Starling | <i>Sturnus vulgaris</i> |
| Great Blue Heron | <i>Ardea herodias</i> |
| Great Horned Owl | <i>Bubo virginianus</i> |
| Gray Catbird | <i>Dumetella carolinensis</i> |
| House Wren | <i>Troglodytes aedon</i> |
| Killdeer | <i>Charadrius vociferus</i> |
| Least Flycatcher | <i>Empidonax minimus</i> |
| Mallard | <i>Anas platyrhynchos</i> |
| Mourning Dove | <i>Zenaida macroura</i> |
| Northern Flicker | <i>Colaptes auratus</i> |
| Red-eyed Vireo | <i>Vireo olivaceus</i> |
| Red-winged Blackbird | <i>Agelaius phoeniceus</i> |
| Say's Phoebe | <i>Sayornis saya</i> |
| Song Sparrow | <i>Melospiza melodia</i> |
| Spotted Sandpiper | <i>Actitis macularius</i> |
| Spotted Towhee | <i>Pipilo maculatus</i> |
| Tree Swallow | <i>Tachycineta bicolor</i> |
| Warbling Vireo | <i>Vireo gilvus</i> |
| White-breasted Nuthatch | <i>Sitta carolinensis</i> |
| Willow Flycatcher | <i>Empidonax traillii</i> |
| Western Wood-Pewee | <i>Contopus sordidulus</i> |
| Yellow-breasted Chat | <i>Icteria virens</i> |
| Yellow Warbler | <i>Dendroica petechia</i> |

(1) Names based on American Ornithologist's Union Check-list of North American Birds, 7th Edition.

Number of Birds Observed at Each Station During Point Counts Conducted June 20, 2006.

| Species | CHATB01 | CHATB02 | CHATB03 | CHATB04 | CHATB05 | CHATB06 | CHATB07 | CHATB08 | CHATB09 | CHATB10 | CHATB11 | CHATB12 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| American Crow | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| American Goldfinch | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| American Robin | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 2 | 0 | 1 |
| American White Pelican | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barn Swallow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Black-billed Magpie | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black-capped Chickadee | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Belted Kingfisher | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brown-headed Cowbird | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Blue-gray Gnatcatcher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Brewer's Blackbird | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| Broad-tailed Hummingbird | 0 | 0 | 2 | 1 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 1 |
| Bullock's Oriole | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada Goose | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cliff Swallow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Common Grackle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Common Snipe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Common Yellowthroat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Double-crested Cormorant | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Downy Woodpecker | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| European Starling | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Great Blue Heron | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Great Horned Owl | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gray Catbird | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 2 |
| House Wren | 1 | 0 | 2 | 2 | 8 | 0 | 0 | 1 | 2 | 2 | 0 | 1 |
| Killdeer | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Least Flycatcher | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mallard | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mourning Dove | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 |
| Northern Flicker | 1 | 2 | 1 | 1 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| Red-eyed Vireo | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Red-winged Blackbird | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Say's Phoebe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Song Sparrow | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Spotted Sandpiper | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spotted Towhee | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Tree Swallow | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unknown Flycatcher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Unknown Sparrow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Warbling Vireo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| White-breasted Nuthatch | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Willow Flycatcher | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wester Wood-Pewee | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Yellow-breasted Chat | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 2 |
| Yellow Warbler | 1 | 2 | 3 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |

Number of Birds Observed at Each Station During Point Counts Conducted June 27, 2006.

| Species | CHATB01 | CHATB02 | CHATB03 | CHATB04 | CHATB05 | CHATB06 | CHATB07 | CHATB08 | CHATB09 | CHATB10 | CHATB11 | CHATB12 |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| American Crow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| American Goldfinch | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 4 | 0 | 0 |
| American Robin | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 1 |
| American White Pelican | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barn Swallow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black-billed Magpie | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Black-Capped Chickadee | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belted Kingfisher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brown-Headed Cowbird | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 2 | 0 |
| Blue-gray Gnatcatcher | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brewer's Blackbird | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broad-tailed Hummingbird | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| Bullock's Oriole | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada Goose | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Cliff Swallow | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Common Grackle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Common Grackle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Common Snipe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Common Yellowthroat | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Double-crested Cormorant | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Downy Woodpecker | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| European Starling | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Great Blue Heron | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Great Horned Owl | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gray Catbird | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 2 |
| House Wren | 0 | 0 | 5 | 4 | 6 | 4 | 0 | 2 | 1 | 2 | 0 | 0 |
| Killdeer | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Least Flycatcher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mallard | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mourning Dove | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Northern Flicker | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Red-eyed Vireo | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Red-winged Blackbird | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Say's Phoebe | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Song Sparrow | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Spotted Sandpiper | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Spotted Towhee | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Tree Swallow | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unknown Flycatcher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unknown Sparrow | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Warbling Vireo | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| White-breasted Nuthatch | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Willow Flycatcher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wester Wood Pewee | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| Yellow-breasted Chat | 0 | 1 | 1 | 2 | 0 | 1 | 2 | 1 | 1 | 0 | 2 | 0 |
| Yellow Warbler | 0 | 0 | 4 | 4 | 4 | 6 | 1 | 2 | 0 | 2 | 1 | 2 |