

LOCATION	CANADA GEESE			SNOW GEESE	WHITE-FRONTED GEESE	TOTAL GEESE
	MIGRANTS	MAX <sup>1</sup>	TOTAL			
<u>ZONE III</u>						
Herrington Lake	56	0	56	0	0	56
ZONE TOTAL	<u>56</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>0</u>	<u>56</u>
STATE TOTAL	<u>21,256</u>	<u>250</u>	<u>21,506</u>	<u>6,030</u>	<u>0</u>	<u>27,536</u>
LOUISIANA						
ZONE I, N. West	0	0	0	0	0	0
ZONE II, N. East		100	100	26,000	6,100	32,200
ZONE III, S. West	5,800		5,800	287,800	69,800	363,400
ZONE IV, S. East	0		0	83,500	0	83,500
STATE TOTAL	<u>5,800</u>	<u>100</u>	<u>5,900</u>	<u>397,300</u>	<u>75,900</u>	<u>479,100</u>
MISSISSIPPI						
<u>ZONE I</u>						
Sardis Reservoir		2,150 <sup>2</sup>	2,150	44	1	2,195
Yazoo NWR	200	160	360	0	0	360
ZONE TOTAL	<u>200</u>	<u>2,310</u>	<u>2,510</u>	<u>44</u>	<u>1</u>	<u>2,555</u>
<u>ZONE II</u>						
Noxubee NWR	0	202	202	0	0	202
ZONE TOTAL	<u>0</u>	<u>202</u>	<u>202</u>	<u>0</u>	<u>0</u>	<u>202</u>
STATE TOTAL	<u>200</u>	<u>2,512</u>	<u>2,712</u>	<u>44</u>	<u>1</u>	<u>2,757</u>
TENNESSEE						
<u>ZONE I</u>						
Reelfoot & Isom NWR	31,200	0	31,200	3	0	31,203
Mississippi River- KY-MS line	0	0	0	0	0	0
Hatchie NWR	120	43	163	0	0	163
Obion-Fork Deer	2	0	2	0	0	2
Hatchie River Bottom	0	0	0	0	0	0
Cold Creek Complex	0	0	0	0	0	0
ZONE TOTAL	<u>31,322</u>	<u>43</u>	<u>31,365</u>	<u>3</u>	<u>0</u>	<u>31,368</u>

1. All resident geese except some at Sardis Res., MS
2. Includes 1,750 Migrant Max.

1984 (MID-DEC) ALL GOOSE SURVEY - MISSISSIPPI FLYWAY  
SOUTHEASTERN REGION

LOCATION	CANADA GEESE			SNOW GEESE	WHITE-FRONTED GEESE	TOTAL GEESE
	MIGRANTS	MAX	TOTAL			
<u>ALABAMA</u>						
<u>ZONE I</u>						
Wheeler NWR	22,000	0	22,000	1,700	0	23,700
Jackson County	704	266	970	18	0	988
ZONE TOTAL	<u>22,704</u>	<u>266</u>	<u>22,970</u>	<u>1,718</u>	<u>0</u>	<u>24,688</u>
<u>ZONE II</u>						
Eufala NWR	0	475	475	16	0	491
STATE TOTAL	<u>22,704</u>	<u>741</u>	<u>23,445</u>	<u>1,734</u>	<u>0</u>	<u>25,179</u>
<u>ARKANSAS</u>						
<u>ZONE I</u>						
Holla Bend NWR	3,500	50	3,550	3,000	15	6,565
<u>ZONE II</u>						
Big Lake NWR	20	0	20			20
Wapanocca NWR	4,000	0	4,000	200	20	4,220
NE Dixie, Woodruff Co.	120	0	120	1,300	15	1,435
W. Cotton Plant, Woodruff Co.	135	0	135	0	0	135
NW Hunter, Woodruff Co.	70	0	70	21,000	0	21,070
SW Fisher, Poinsett Co.	0	0	0	175	400	575
NW Fisher, Poinsett Co.	0	0	0	300	0	300
N. Weiner, Poinsett Co.	0	0	0	6,800	25	6,825
Claypool Res., Poinsett County	110	0	110	12,700	150	12,960
Whitehall, Poinsett Co.	25	0	25	9,800	0	9,825
Raft Creek Bottom, White County	177	0	177	1,400	50	1,627
Rex Hancock WMA	40	0	40	10	75	125
ZONE TOTAL	<u>4,697</u>	<u>0</u>	<u>4,697</u>	<u>53,685</u>	<u>735</u>	<u>59,117</u>



LOCATION	CANADA GEESE			SNOW GEESE	WHITE-FRONTED GEESE	TOTAL GEESE
	MIGRANTS	MAX	TOTAL			
<u>ZONE II</u>						
Big Sandy-TN NWR	5,100	0	5,100			5,100
Duck River-TN NWR	8,800	0	8,800	262	0	9,062
Bussetown-RN NWR	1,600	0	1,600			1,600
Cross Creeks NWR	9,925	200	10,125			10,125
Ceatham Reservoir	0	407	407			407
ZONE TOTAL	<u>25,425</u>	<u>607</u>	<u>26,032</u>	<u>262</u>	<u>0</u>	<u>26,294</u>
<u>ZONE III</u>						
Percy Priest Reserv.	0	60	60	0	0	60
Old Hickory Reservoir	0	5,018	5,018	4	0	5,022
Cordell Hull Reserv.	0	287	287	0	0	287
Normandy Reservoir	0	0	0	0	0	0
Tims Ford Reservoir	0	884	884	0	0	884
Woods Reservoir	0	135	135	0	0	135
Douglas-Cherokee Reserv.	0	0	0	0	0	0
Melton Hill Reservoir	AERIAL SURVEY PREVENTED DUE TO WEATHER CONDITIONS					
Watts Bar Reservoir	AERIAL SURVEY PREVENTED DUE TO WEATHER CONDITIONS					
Chicamauga Reservoir	AERIAL SURVEY PREVENTED DUE TO WEATHER CONDITIONS					
ZONE TOTAL	<u>0</u>	<u>6,384</u>	<u>6,384</u>	<u>4</u>	<u>0</u>	<u>6,388</u>
STATE TOTAL	<u>56,747</u>	<u>7,034</u>	<u>63,781</u>	<u>269</u>	<u>0</u>	<u>64,050</u>
<u>TOTALS/STATE</u>						
Alabama	22,704	741	23,445	1,734	0	25,179
Arkansas	11,169	50	11,219	153,522	5,445	170,186
Kentucky	21,256	250	21,506	6,030	0	27,536
Louisiana	5,800	100	5,900	397,300	75,900	479,100
Mississippi	200	2,512	2,712	44	1	2,757
Tennessee	56,747	7,034	63,781	269	0	64,050
TOTALS/REGION 4	<u>117,876</u>	<u>10,687</u>	<u>128,563</u>	<u>558,899</u>	<u>81,346</u>	<u>768,808</u>

1984 (MID-DEC) ALL GOOSE SURVEY-MISSISSIPPI FLYWAY - SOUTHEASTERN REGION

WEATHER AND IRREGULAR CONDITIONS

ALABAMA: Climatic Conditions - Temps. 70-75°F, above normal statewide; partly cloudy to cloudy.

ARKANSAS: Climatic Conditions -	<u>Temperatures</u>	<u>Visibility and Moisture</u>
	12/10 - 44°-64°F	Clear
	12/11 - 44°-64°F	Clear
	12/12 - 60°-71°F	Clear
	12/13 - 58°-71°F	Rain
	12/14 - 56°-71°F	Clear

KENTUCKY: Climatic Conditions - Temperatures - 40°-54°F; partly cloudy to 100% cloud cover; winds varying from 10 mph NW to 10-15 mph SSW; Bar. 29.97 rising.

LOUISIANA: Climatic Conditions - visibility - extremely foggy; aerial surveys in Louisiana were hindered in December due to fog.

MISSISSIPPI: Climatic Conditions - Temperatures - 70°-75°F, above normal statewide; partly cloudy to cloudy.

TENNESSEE: Climatic Conditions -	<u>Temperatures</u>	<u>Wind</u>	<u>Visibility and Moisture</u>
	Zone I 55°-60°F	0-5 mph	Clear to overcast
	Zone II 60°-75°F	SW 10 mph	Clear to rain/cloudy
	Zone III 48°F	5 mph	Clear to fog to no visibility

Other conditions - Irregular Flight or Census Factors

Zone II - only low-wing aircraft available with excessive speed on TN NWR units.

1) Census taken by car 12/14 showed 3,100 C. Geese, 5 Blue, 1 Snow at Big Sandy Unit.

2) Census taken by car 12/14 showed 11,100 C. Geese at Duck River Unit.

3) Census taken by car 12/14 showed 2,200 C. Geese, 2 Blue, 2 Snow at Busseltown Unit.

4) Census taken by car 12/12; aerial/survey 12/11 with 7,570 Geese Total at Cross Creek NWR.

Zone III 5) All of Percy Priest Lake could not be surveyed because of flight path of two airports.

6) Aerial Survey of Douglas-Cherokee Lakes made 12/4, unable to fly other dates.

7) Unable to fly survey of Melton Hill, Watts Bar and Chicamauga Lakes because of fog; ground survey for all showed 714 Res. C. Geese.

MID-DEC ALL GOOSE SURVEY - MISSISSIPPI FLYWAY  
 REGION 4 - YEARS 1983 and 1984

STATES	CANADA GEESE			SNOW GEESE	WHITE-FRONTED GEESE	TOTAL GEESE
	MIGRANTS	MAX	TOTAL			
<u>Alabama</u>	(-3.5)*	(+33.3)	(-2.5)	(-15.0)		(-3.4)
1984	22,700	800	23,500	1,700	0	25,200
1983	23,500	600	24,100	2,000	0	26,100
<u>Arkansas</u>	(+187.2)	(-85.7)	(+145.7)	(+72.3)	(-33.3)	(+67.7)
1984	11,200	100	11,300	153,500	5,400	170,200
1983	3,900	700	4,600	89,100	8,100	101,800
<u>Kentucky</u>	(-46.3)	(-76.9)	(-47.3)	(+5.3)		(-40.9)
1984	21,300	300	21,600	6,000	0	27,600
1983	37,700	1,300	41,000	5,700	0	46,700
<u>Louisiana</u>	(+241.2)	(-95.0)	(+59.5)	(+30.5)	(+22.0)	(+29.3)
1984	5,800	100	5,900	397,300	75,900	479,100
1983	1,700	2,000	3,700	304,500	62,200	370,400
<u>Mississippi</u>	(80.0)	(-19.4)	(-34.1)			(-40.0)
1984	200	2,500	2,700	Tr	Tr	2,700
1983	1,000	3,100	4,100	400	Tr	4,500
<u>Tennessee</u>	(-13.2)	(-1.4)	(-11.8)	(+50.0)		(-11.5)
1984	56,700	7,000	63,700	300	0	64,000
1983	65,300	6,900	72,200	200	0	72,300
<u>TOTAL/REGION 4</u>	(-12.7)	(-26.0)	(-14.0)	(+28.1)	(+15.6)	(+23.6)
1984	117,900	10,800	128,700	558,800	81,300	768,800
1983	135,100	14,600	149,700	401,900	70,300	621,800

\* % change

1984 (MID-DEC) ALL GOOSE SURVEY-MISSISSIPPI FLYWAY  
SOUTHEASTERN REGION

LOCATION	CANADA GEESE			SNOW GEESE	WHITE-FRONTED GEESE	TOTAL GEESE
	MIGRANTS	MAX	TOTAL			
<u>ALABAMA</u>						
Zone I	22,700	300	23,000	1,700	0	24,700
Zone II	0	500	500	Tr	0	500
STATE TOTAL	<u>22,700</u>	<u>800</u>	<u>23,500</u>	<u>1,700</u>	<u>0</u>	<u>25,200</u>
<u>ARKANSAS</u>						
Zone I	3,500	100	3,600	3,000	Tr	6,600
Zone II	4,700	0	4,700	53,700	700	59,100
Zone III	3,000	0	3,000	96,800	4,700	104,500
STATE TOTAL	<u>11,200</u>	<u>100</u>	<u>11,300</u>	<u>153,500</u>	<u>5,400</u>	<u>170,200</u>
<u>KENTUCKY</u>						
Zone I	21,200	300	21,500	6,000	0	27,500
Zone II	0	0	0	0	0	0
Zone III	100	0	100	0	0	100
STATE TOTAL	<u>21,300</u>	<u>300</u>	<u>21,600</u>	<u>6,000</u>	<u>0</u>	<u>27,600</u>
<u>LOUISIANA</u>						
Zone I	0	0	0	0	0	0
Zone II		100	100	26,000	6,100	32,200
Zone III	5,800	0	5,800	287,800	69,800	363,400
Zone IV	0	0	0	83,500	0	83,500
STATE TOTAL	<u>5,800</u>	<u>100</u>	<u>5,900</u>	<u>397,300</u>	<u>75,900</u>	<u>479,100</u>
<u>MISSISSIPPI</u>						
Zone I	200	2,300*	2,500	Tr	Tr	2,500
Zone II	0	200	200	0	0	200
STATE TOTAL	<u>200</u>	<u>2,500</u>	<u>2,700</u>	<u>Tr</u>	<u>Tr</u>	<u>2,700</u>

\* Includes 1,750 Migrant Max. at Sardis Reservoir

LOCATION	CANADA GEESE			SNOW GEESE	WHITE-FRONTED GEESE	TOTAL GEESE
	MIGRANTS	MAX	TOTAL			
<u>TENNESSEE</u>						
Zone I	31,300	Tr	31,300	Tr	0	31,300
Zone II	25,400	600	26,000	300	0	26,300
Zone III	0	6,400	6,400	Tr	0	6,400
STATE TOTAL	<u>56,700</u>	<u>7,000</u>	<u>63,700</u>	<u>300</u>	<u>0</u>	<u>64,000</u>
<u>STATE TOTALS</u>						
Alabama	22,700	800	23,500	1,700	0	25,200
Arkansas	11,200	100	11,300	153,500	5,400	170,200
Kentucky	21,300	300	21,600	6,000	0	27,600
Louisiana	5,800	100	5,900	397,300	75,900	479,100
Mississippi	200	2,500	2,700	Tr	Tr	2,700
Tennessee	56,700	7,000	63,700	300	0	64,000
REGION 4 TOTAL	<u>117,900</u>	<u>10,800</u>	<u>128,700</u>	<u>558,800</u>	<u>81,300</u>	<u>768,800</u>