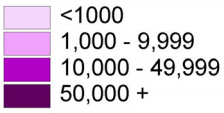
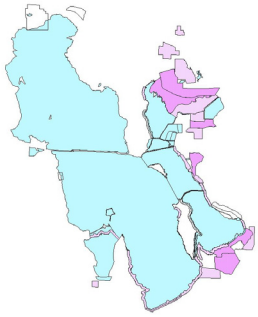
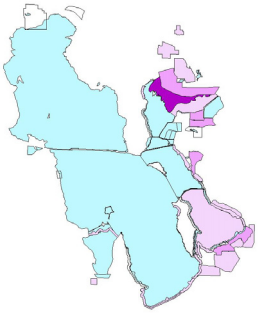
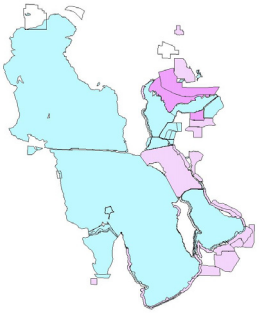
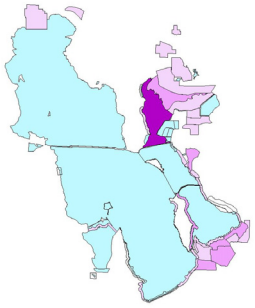
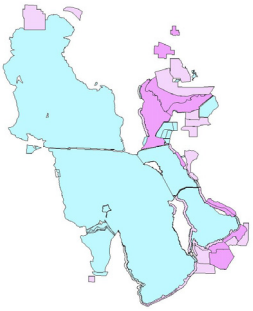
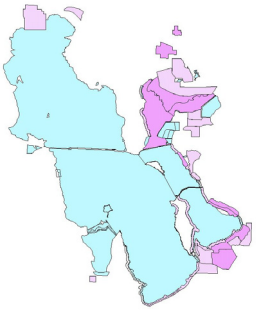
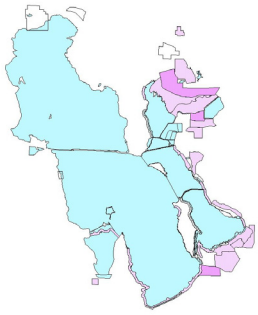
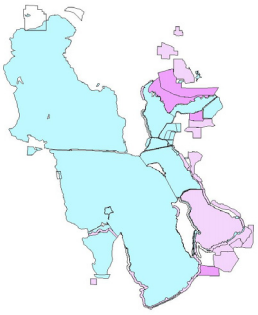
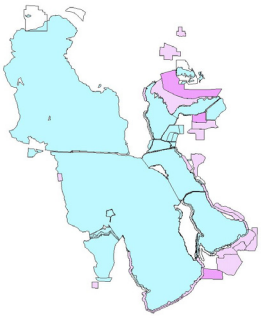
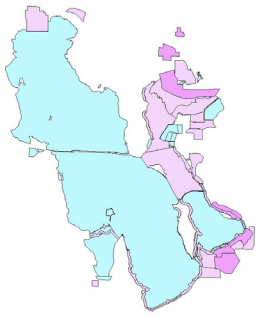
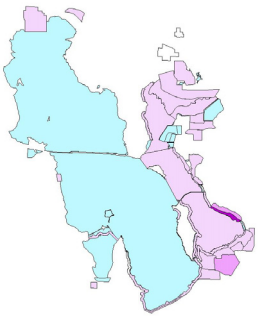
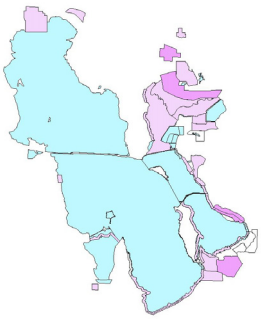
Appendix 8: Species Distribution at High and Low Lake Elevations

This group of maps is the distribution of species by survey period during a high lake elevation year (1999) and a low lake elevation year (2001). These maps are arranged to contrast species use of the available habitat under two very different sets of conditions. Because these maps represent one point in time rather than a mean, missed surveys for a particular area and survey period show the same as a count of zero.

Comparison of the distribution of **avocets and stilts** in high (1999) and low (2001) lake conditions.

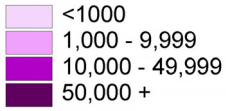
Number of avocets and stilts.

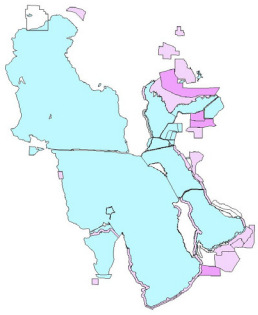
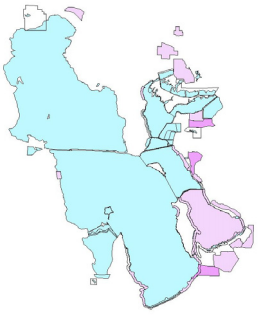
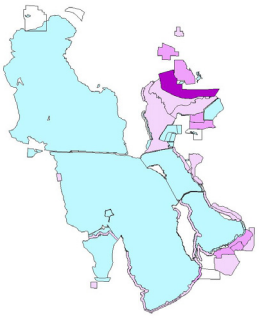
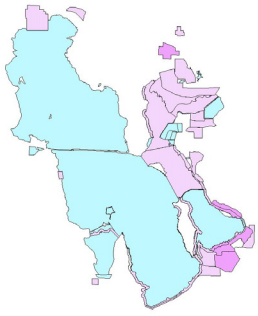
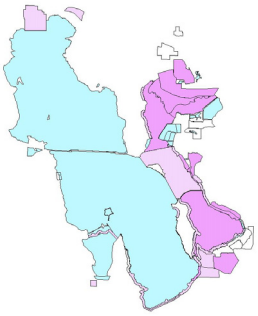
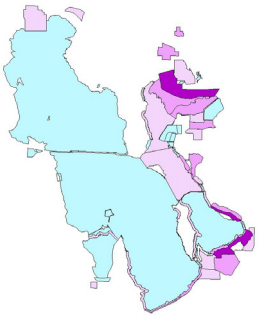
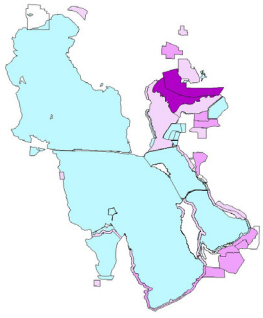
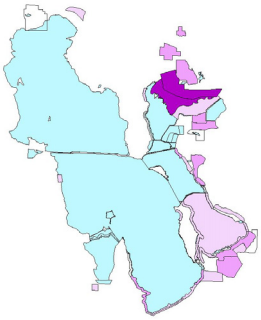
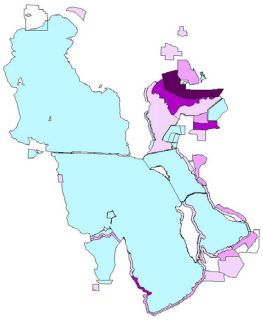
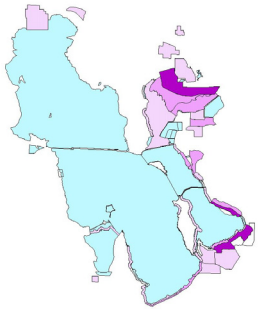
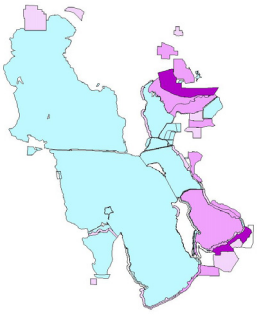
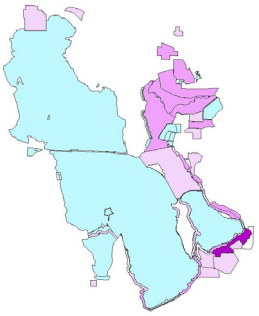


Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

Continued…Comparison of the distribution of **avocets and stilts** in high (1999) and low (2001) lake conditions.

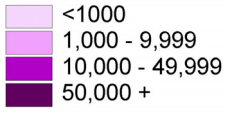
Number of avocets and stilts.

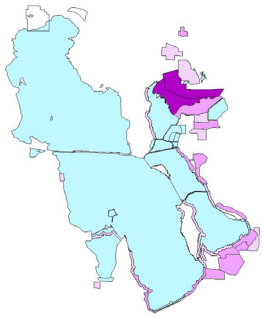
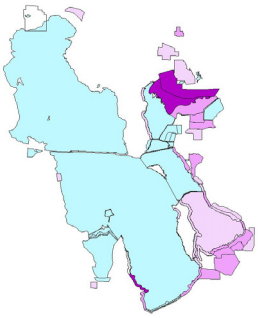
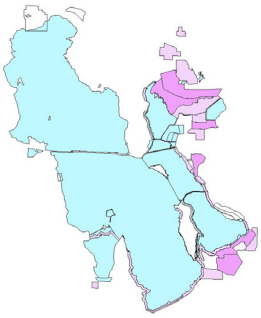
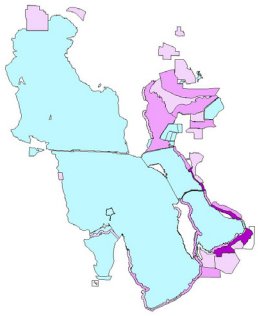
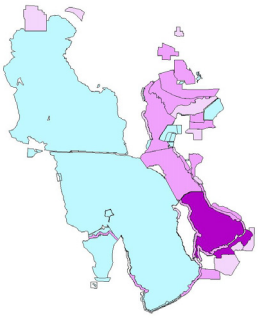
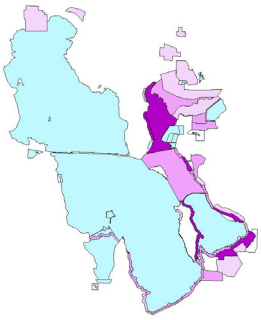


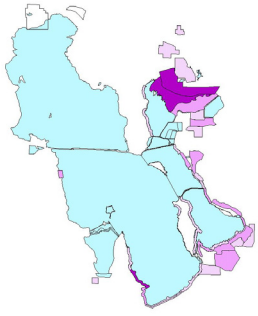
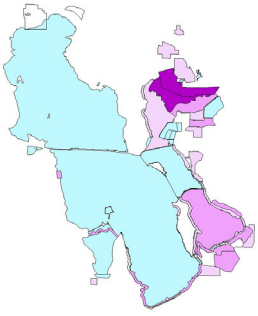
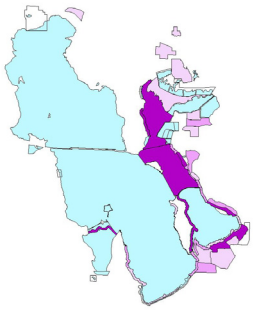
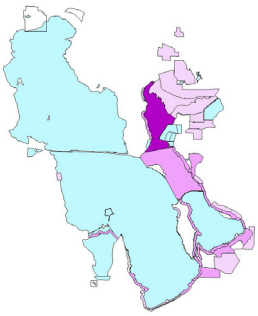
Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **avocets and stilts** in high (1999) and low (2001) lake conditions.

Number of avocets and stilts.

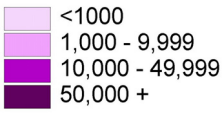


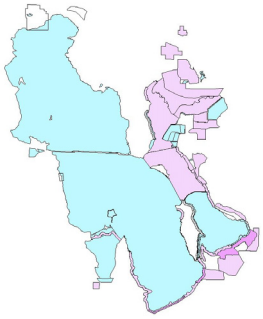
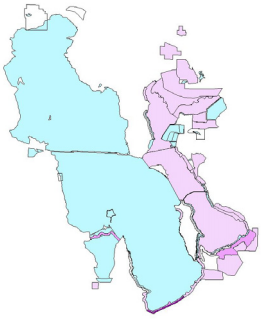
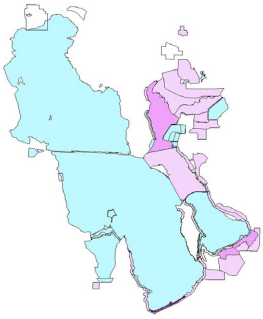
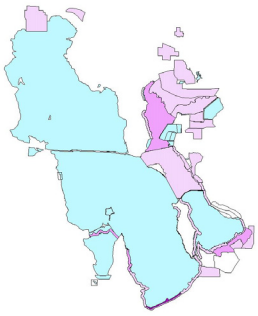
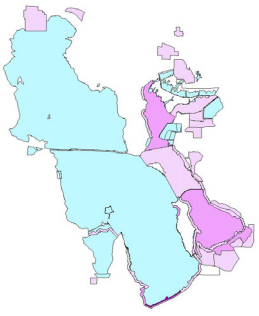
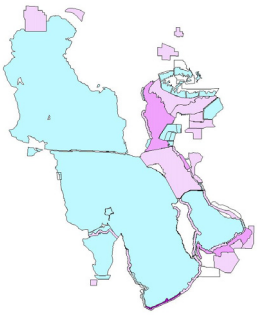
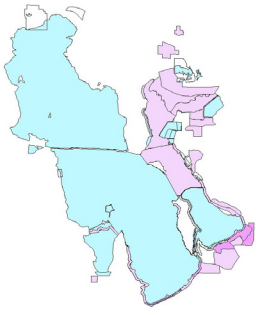
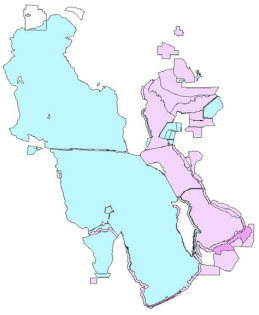
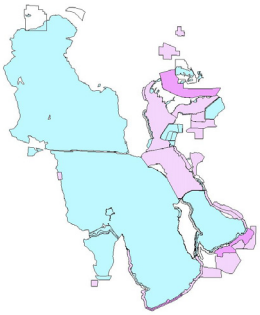
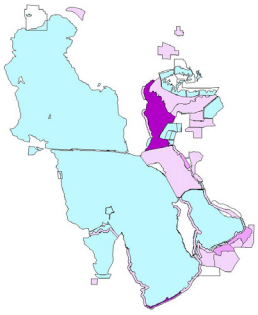
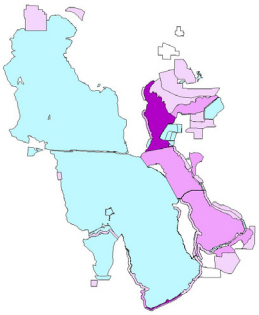
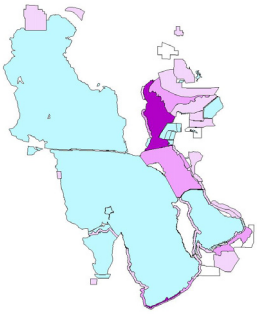
Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

Comparison of the distribution of **California gulls** in high (1999) and low (2001) lake conditions.

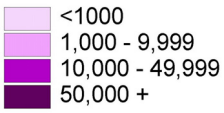
Number of California gulls.

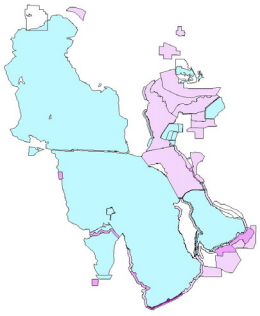
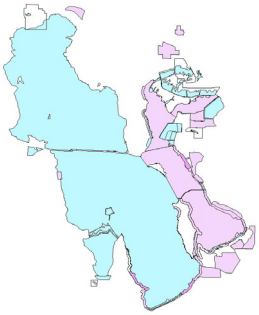
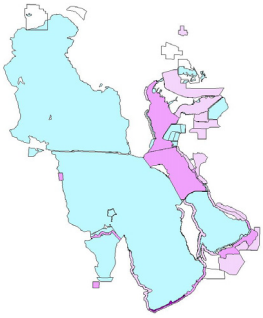
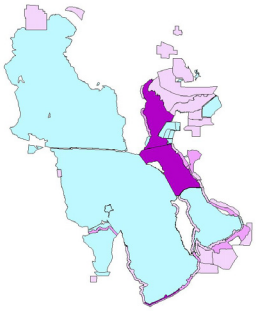
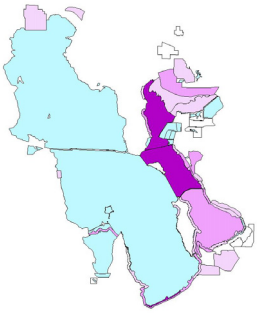
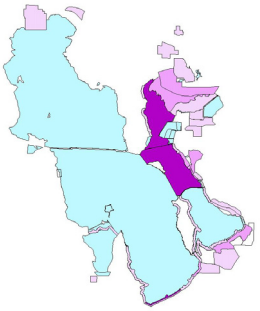
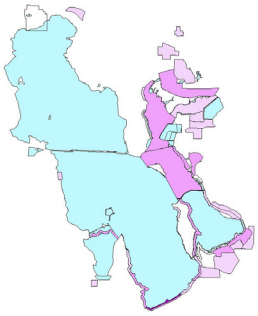
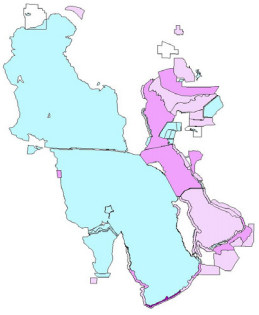
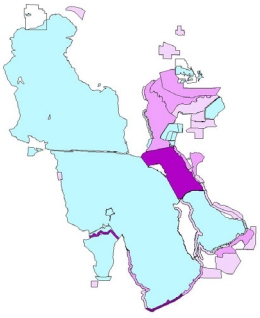
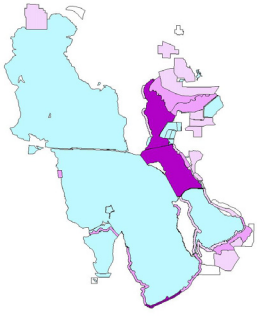
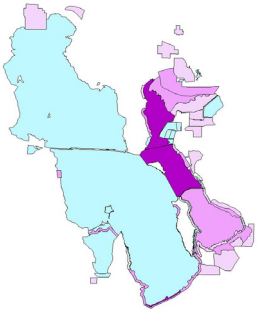
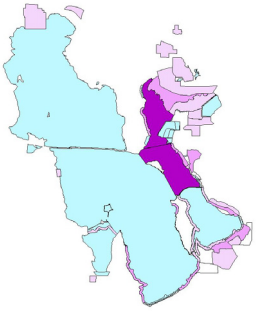


Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

Continued…Comparison of the distribution of **California gulls** in high (1999) and low (2001) lake conditions.

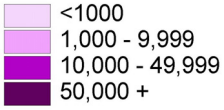
Number of California gulls.

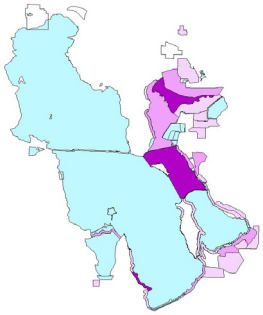
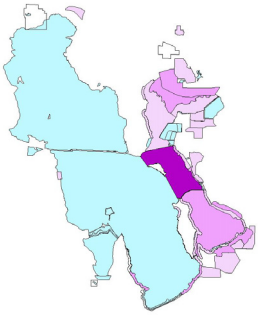
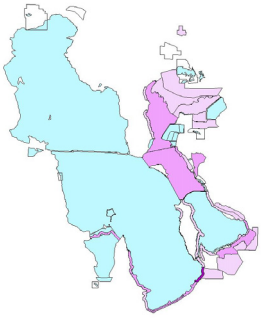
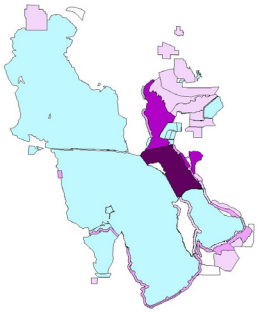
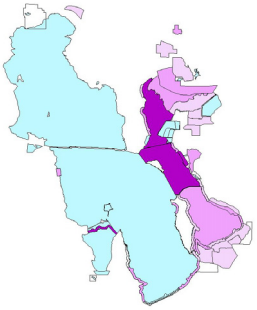
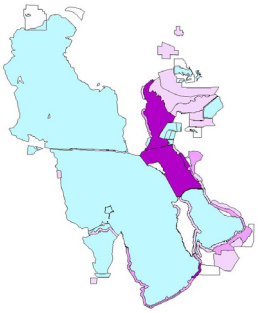


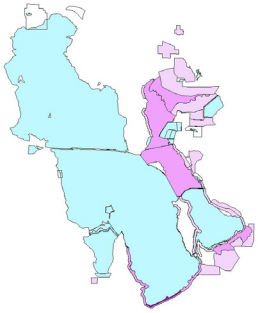
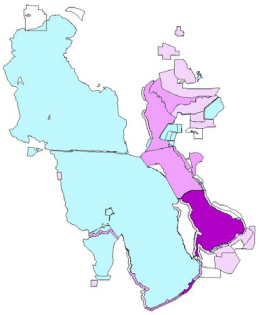
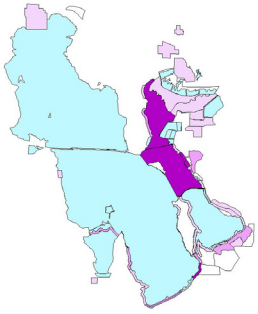
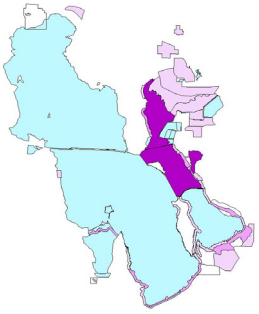
Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **California gulls** in high (1999) and low (2001) lake conditions.

Number of California gulls.

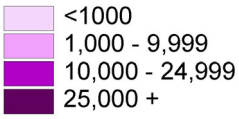


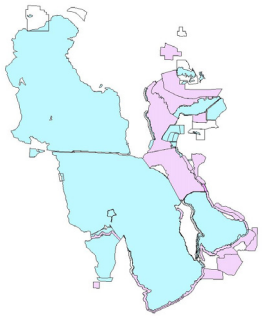
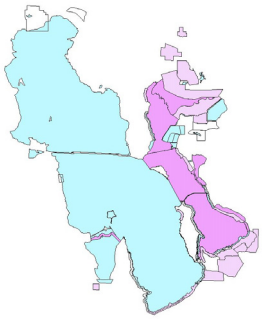
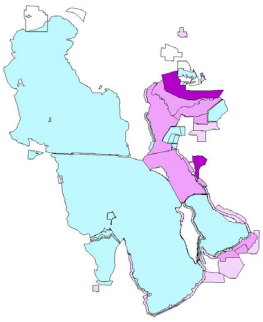
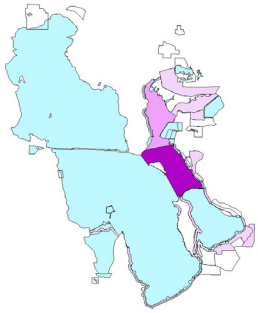
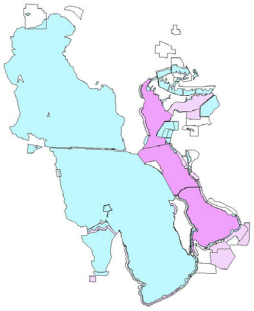
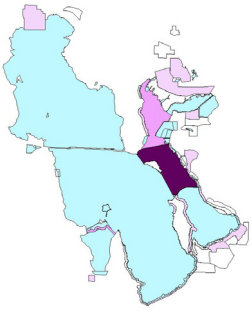
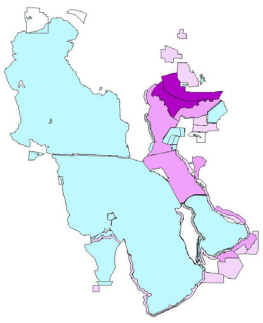
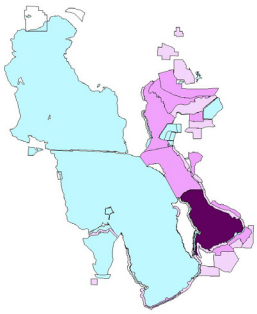
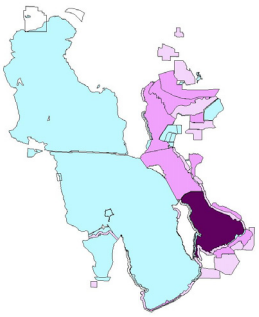
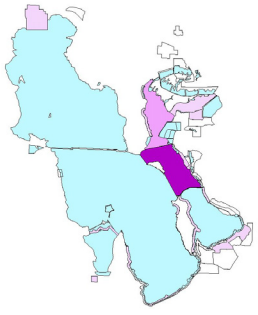
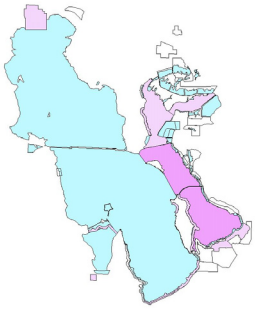
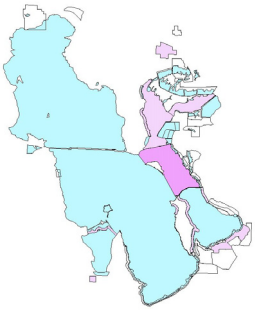
Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

Comparison of the distribution of **eared grebes** in high (1999) and low (2001) lake conditions.

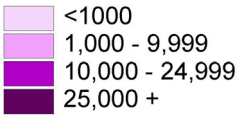
Number of eared grebes.

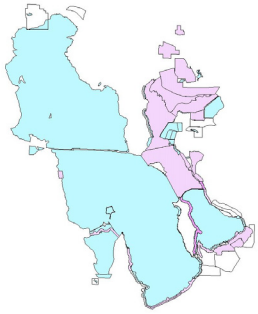
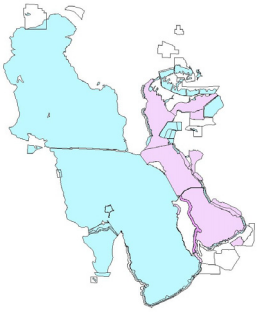
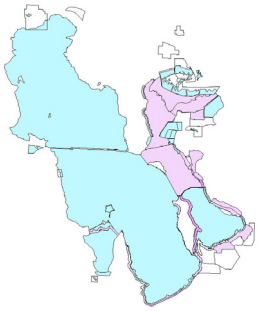
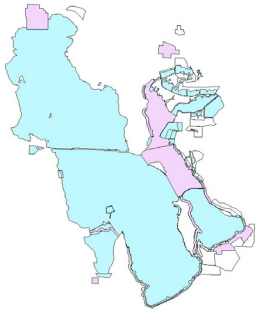
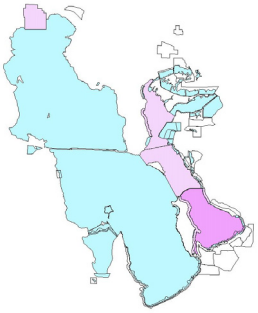
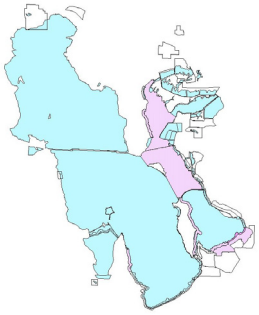
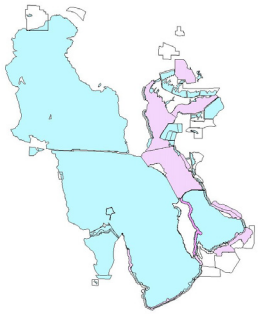
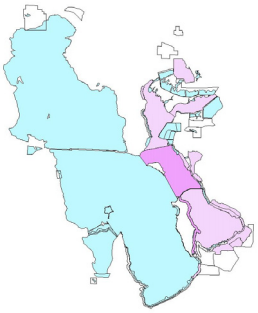
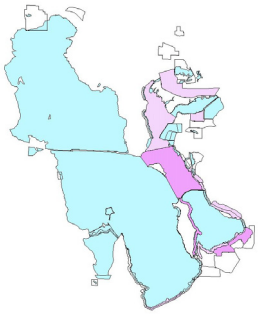
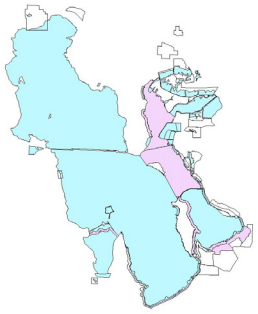
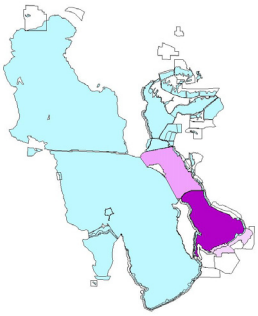
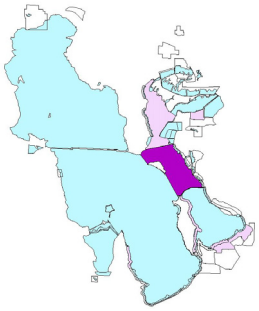


Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

Continued…Comparison of the distribution of **eared grebes** in high (1999) and low (2001) lake conditions.

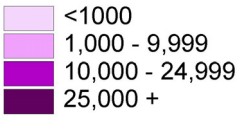
Number of eared grebes.

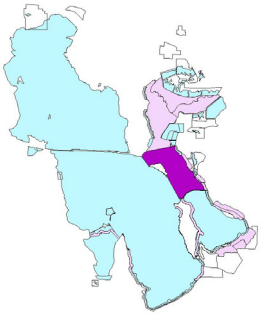
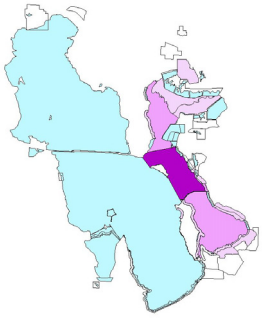
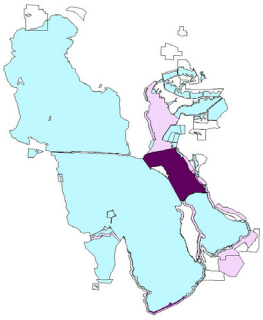
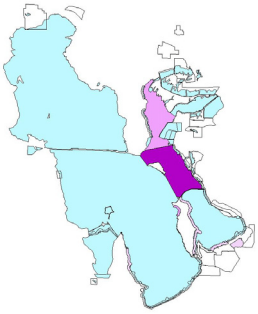
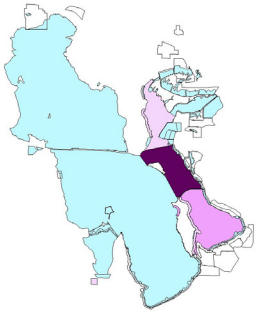
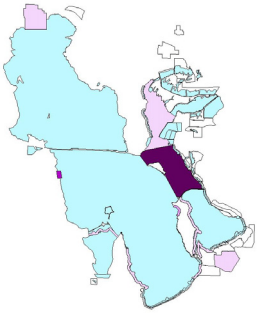


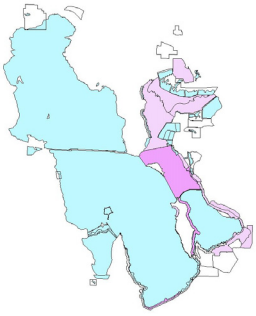
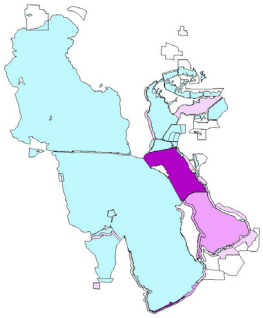
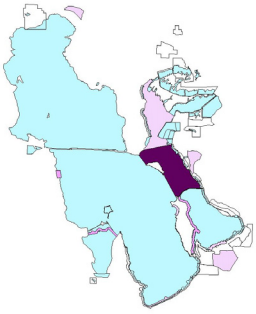
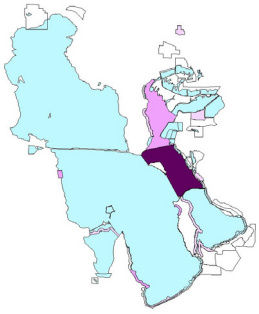
Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **eared grebes** in high (1999) and low (2001) lake conditions.

Number of eared grebes.

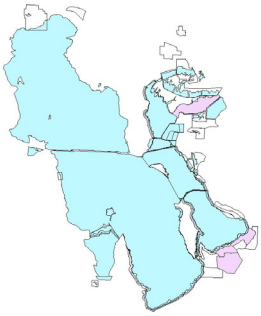
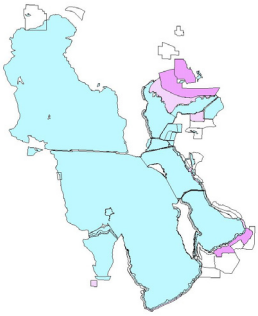
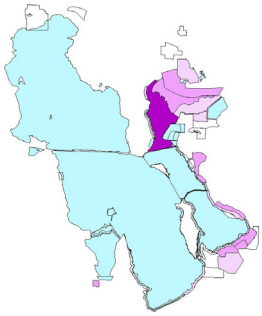
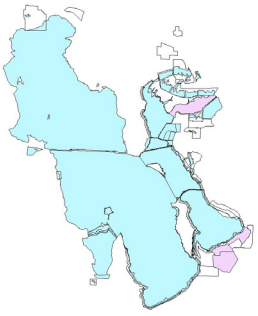
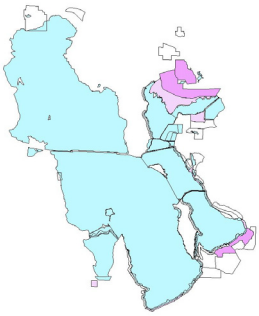
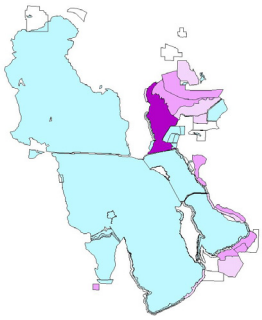
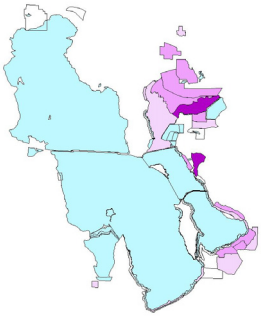
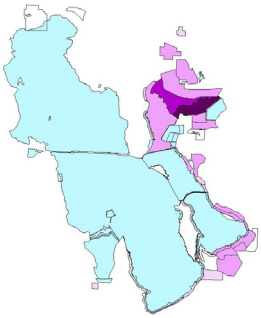
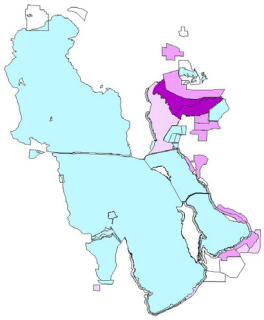
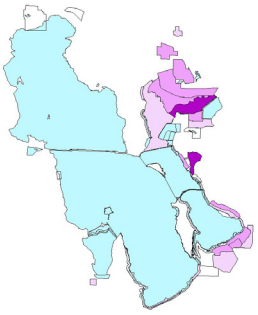
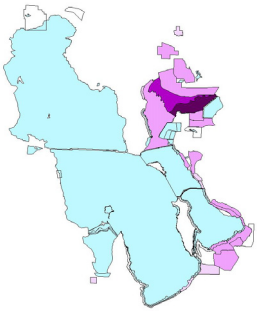
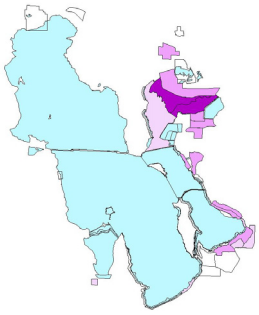


Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

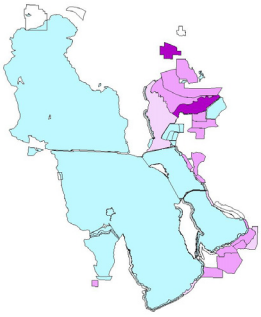
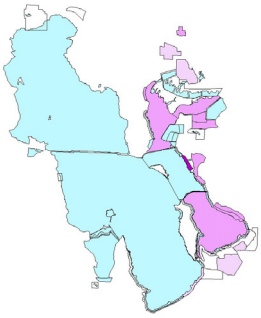
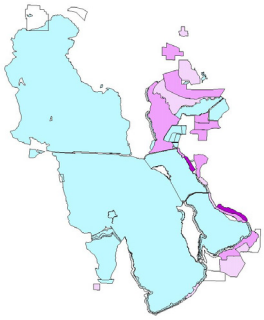
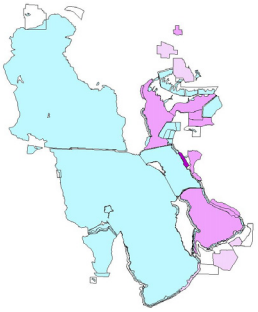
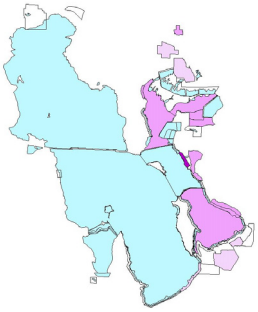
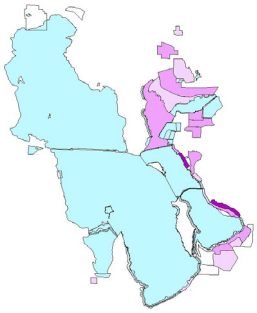
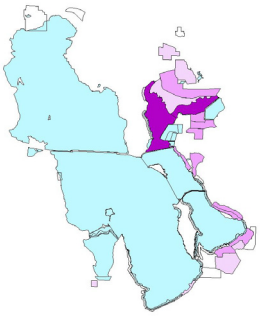
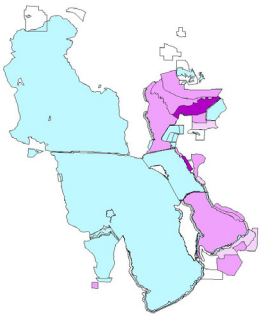
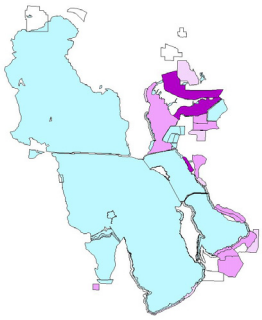
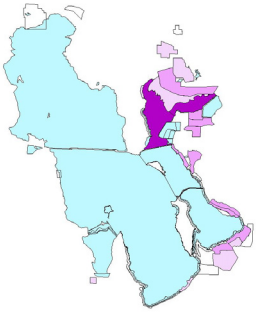
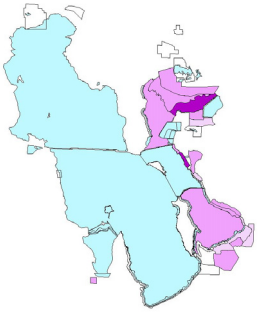
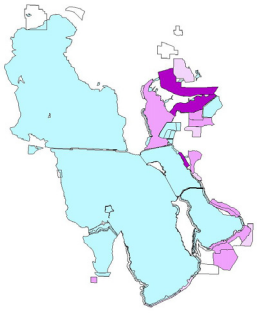
Comparison of the distribution of **Forster's terns** in high (1999) and low (2001) lake conditions.

Number of Forster's terns.

Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

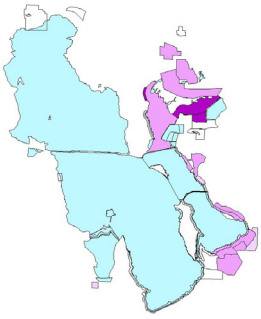
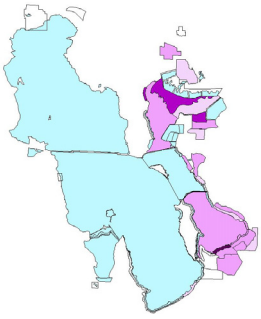
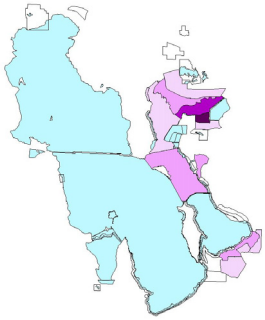
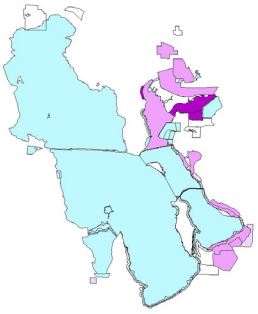
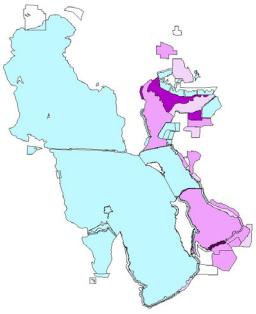
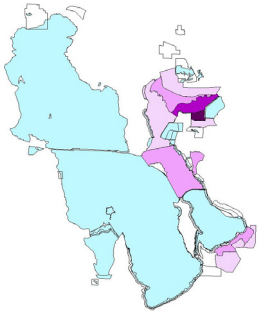
Continued…Comparison of the distribution of **Forster's terns** in high (1999) and low (2001) lake conditions.

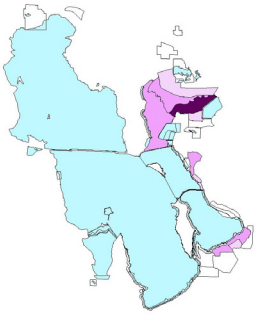
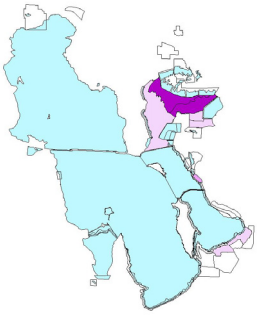
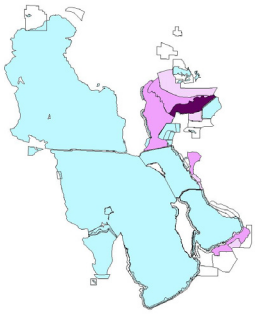
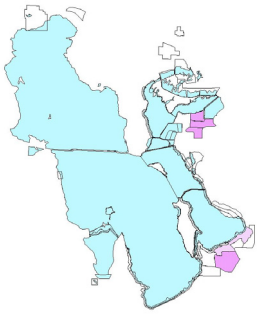
Number of Forster's terns.

Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **Forster's terns** in high (1999) and low (2001) lake conditions.

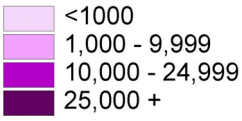
Number of Forster's terns.

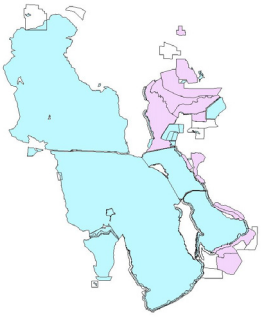
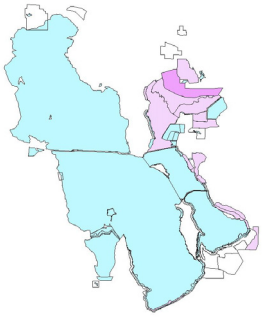
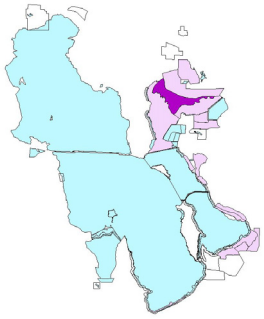
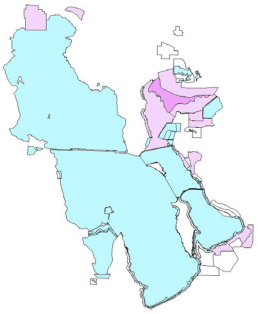
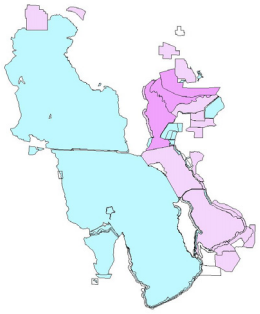
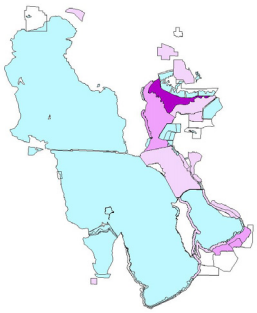
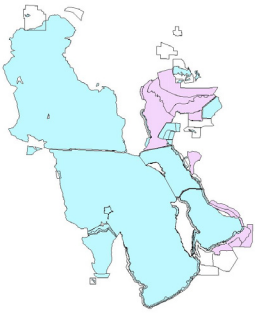
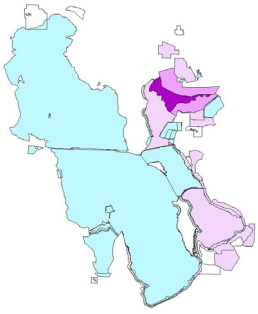
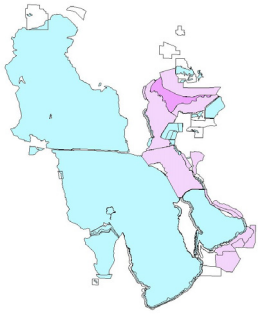
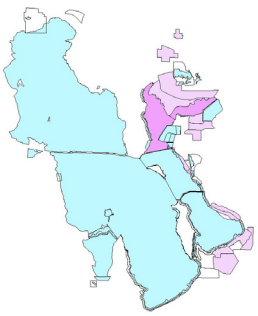
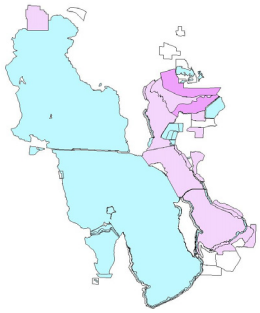
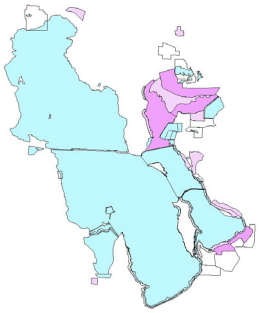
Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

Comparison of the distribution of **Franklin's gulls** in high (1999) and low (2001) lake conditions.

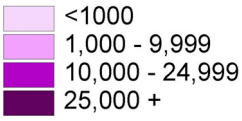
Number of Franklin's gulls.

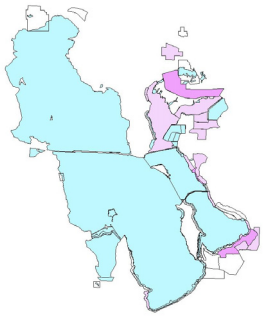
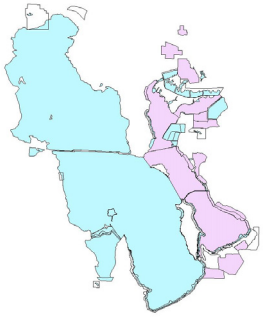
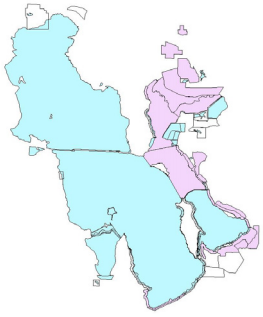
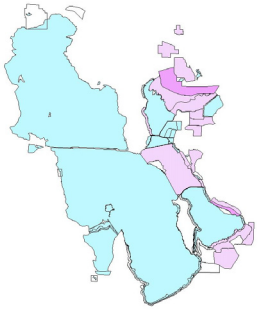
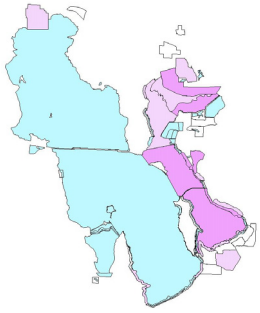
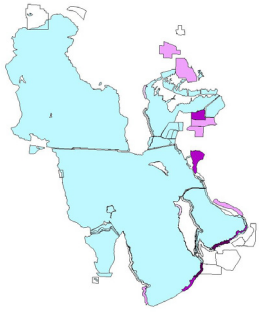
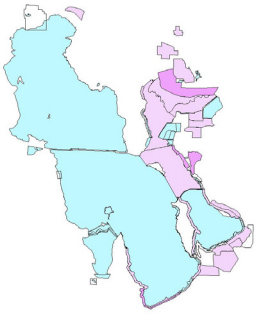
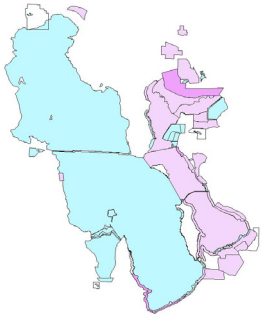
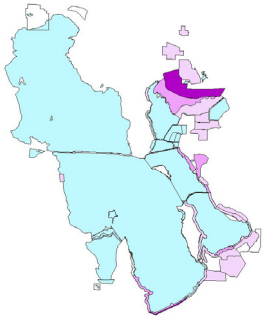
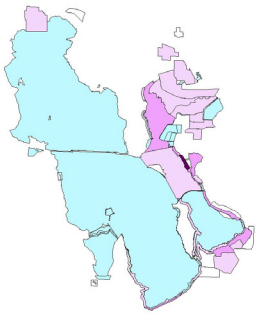
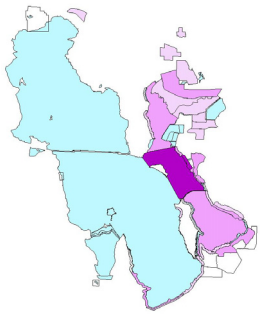
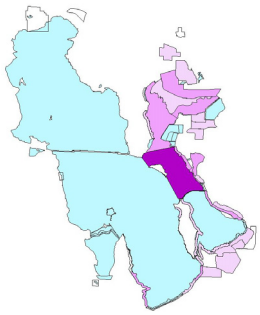


Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

Continued…Comparison of the distribution of **Franklin's gulls** in high (1999) and low (2001) lake conditions.

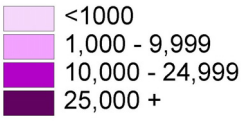
Number of Franklin's gulls.

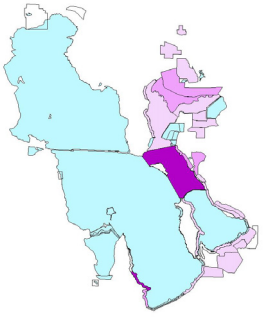
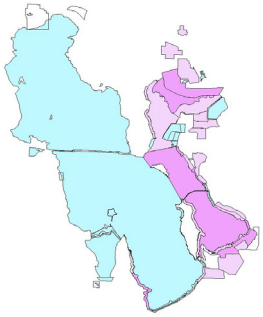
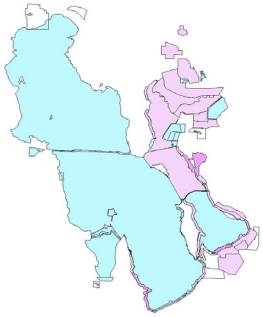
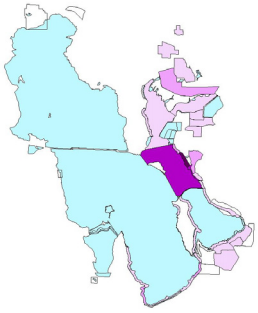
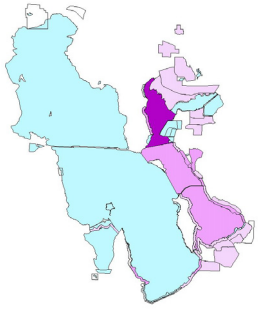
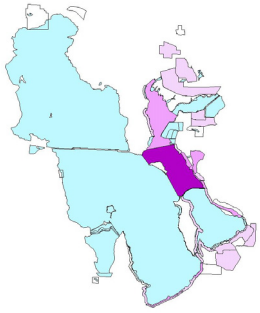


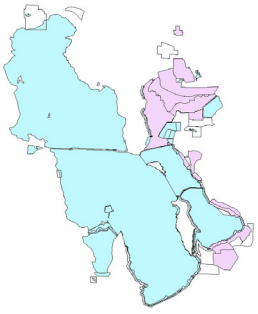
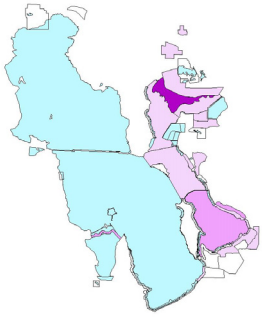
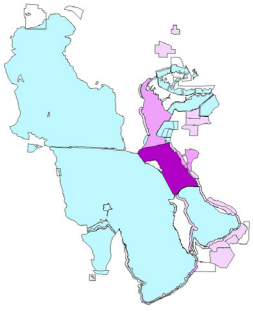
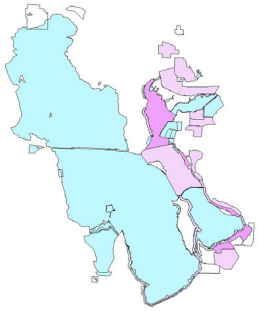
Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **Franklin's gulls** in high (1999) and low (2001) lake conditions.

Number of Franklin's gulls.



Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

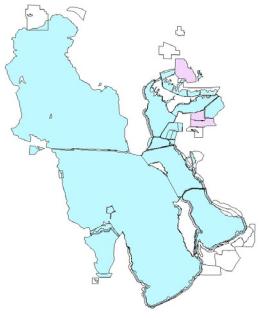
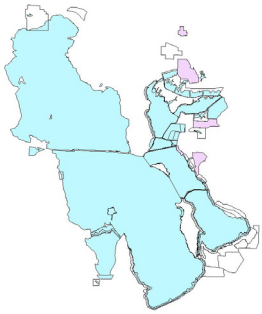
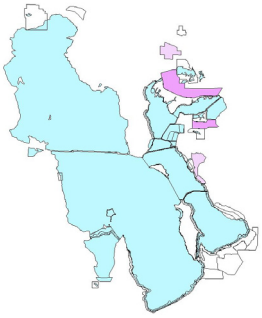
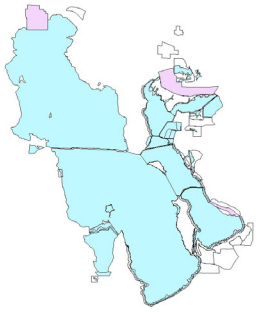
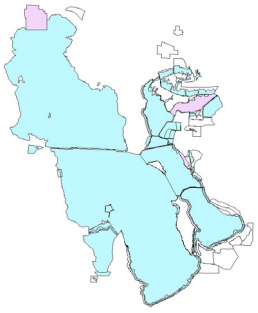
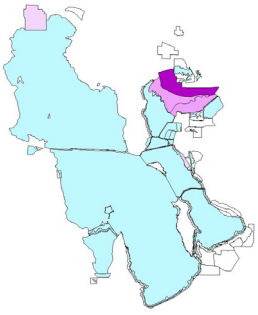
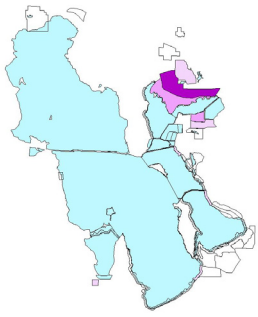
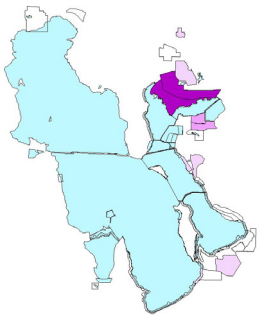
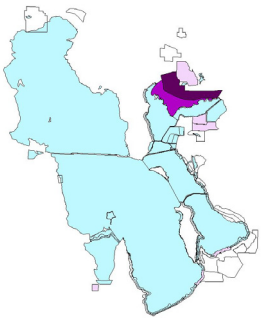
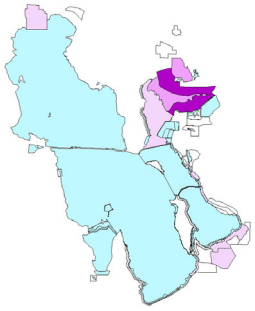
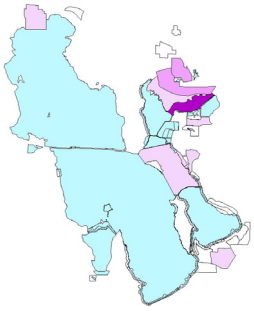
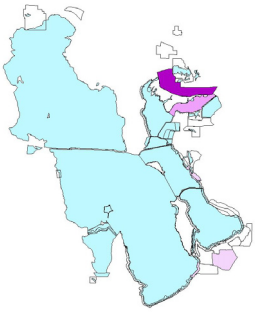
Comparison of the distribution of **marbled godwits** in high (1999) and low (2001) lake conditions.

Number of marbled godwits.

Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

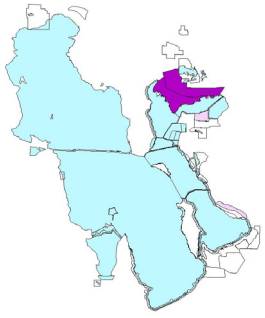
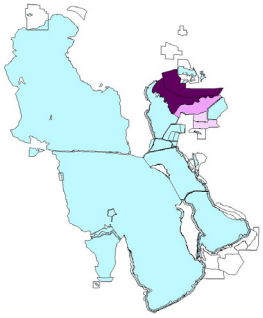
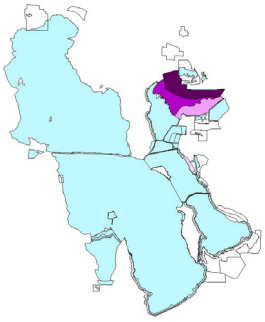
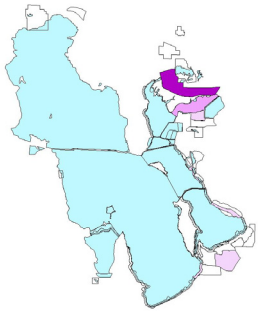
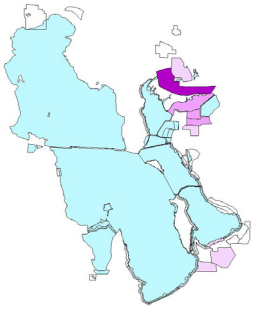
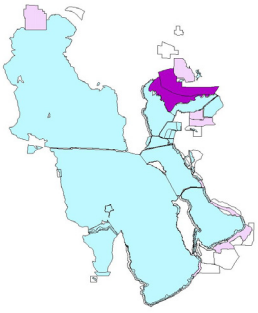
Continued…Comparison of the distribution of **marbled godwits** in high (1999) and low (2001) lake conditions.

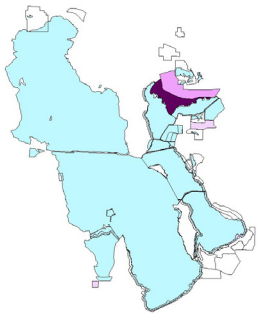
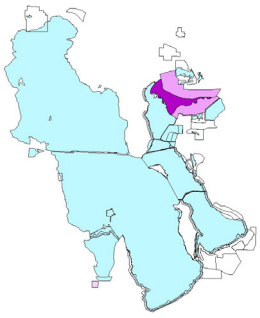
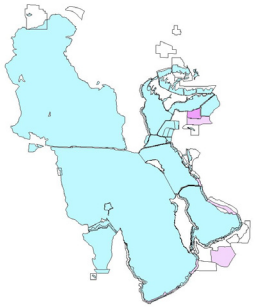
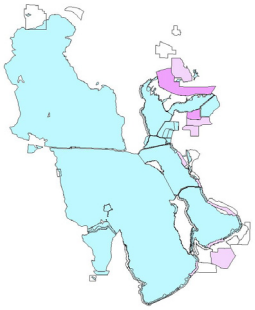
Number of marbled godwits.

Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **marbled godwits** in high (1999) and low (2001) lake conditions.

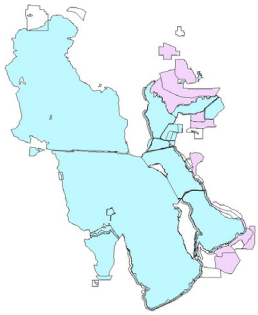
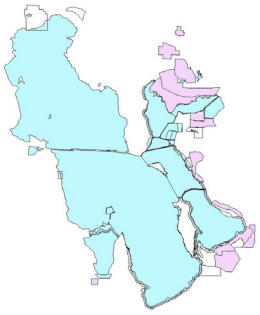
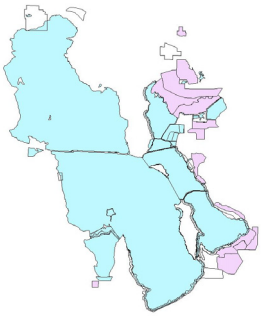
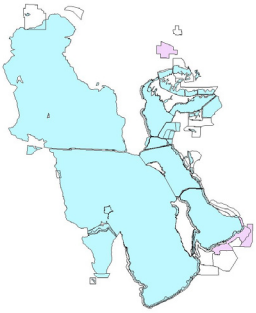
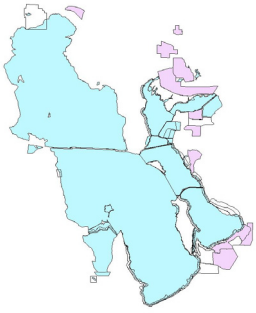
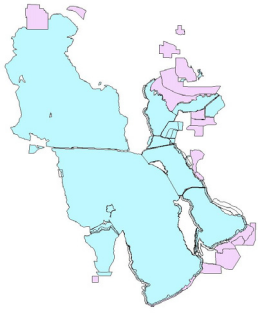
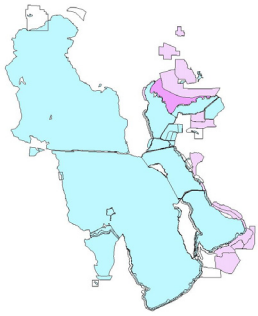
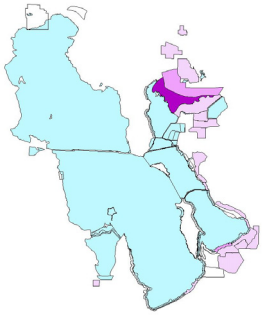
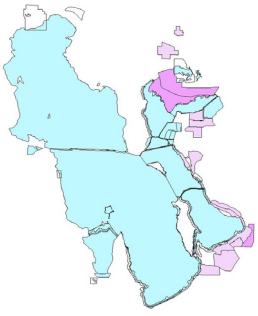
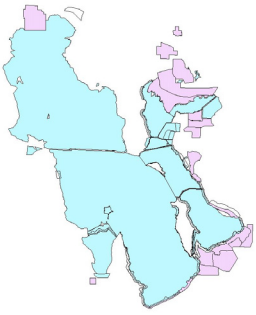
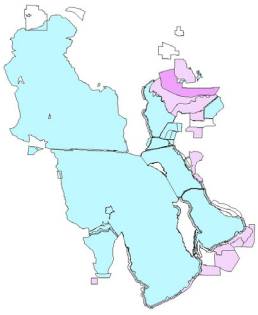
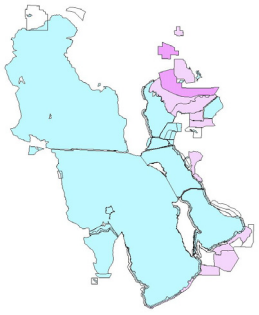
Number of marbled godwits.

Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

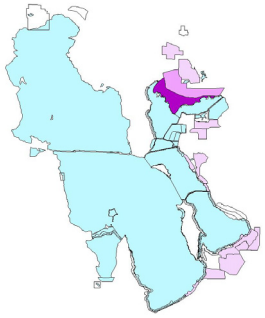
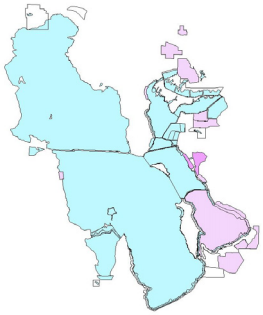
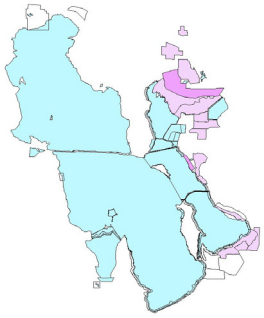
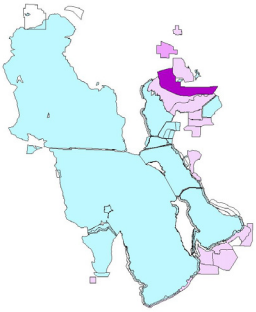
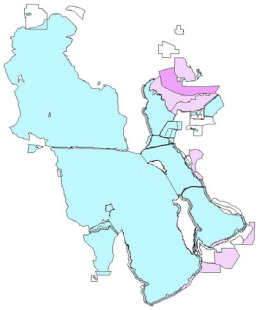
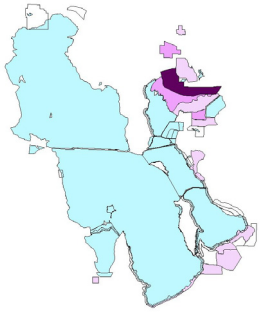
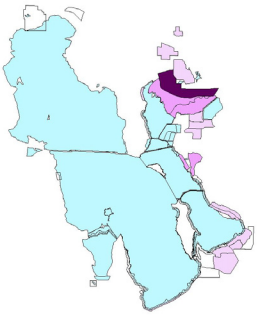
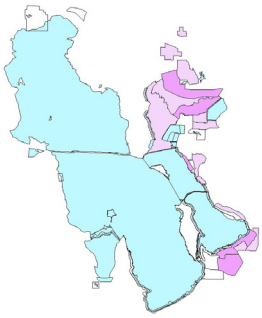
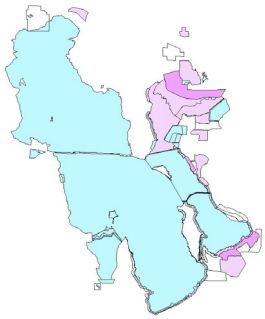
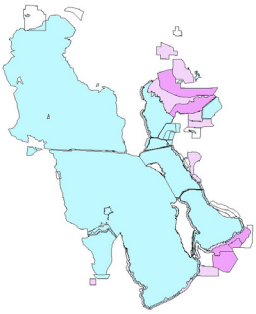
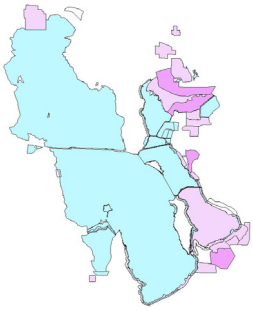
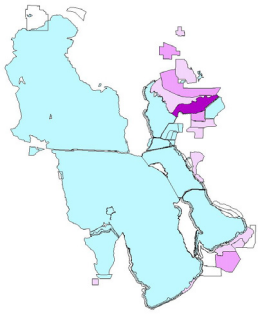
Comparison of the distribution of **snowy egrets** in high (1999) and low (2001) lake conditions.

Number of snowy egrets.

Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

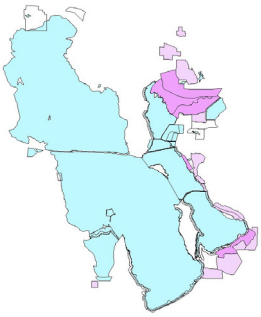
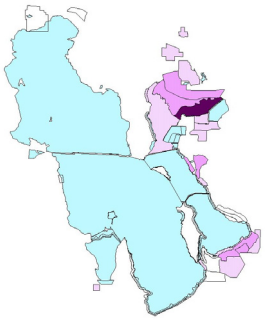
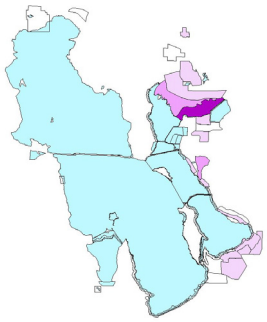
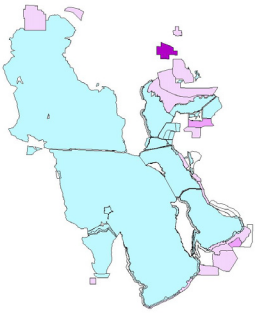
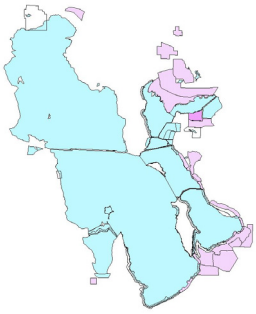
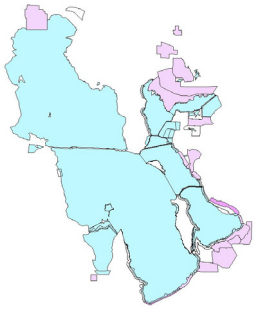
Continued…Comparison of the distribution of **snowy egrets** in high (1999) and low (2001) lake conditions.

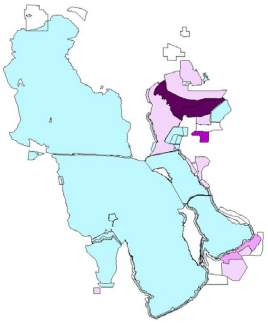
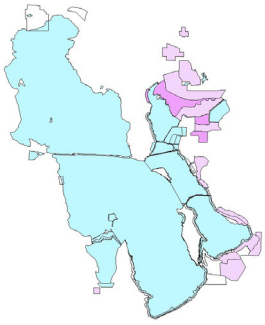
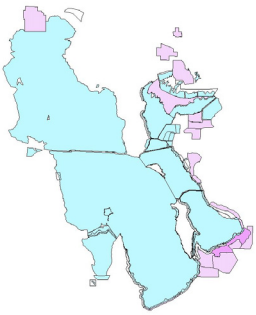
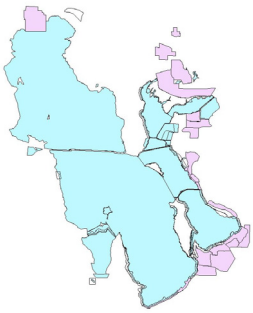
Number of snowy egrets.

Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **snowy egrets** in high (1999) and low (2001) lake conditions.

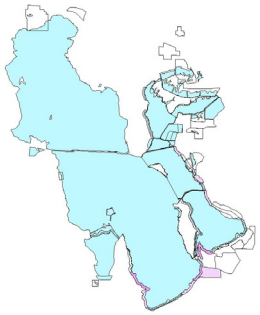
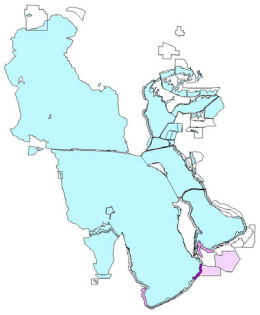
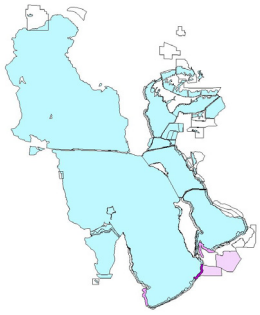
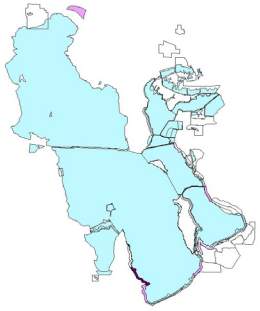
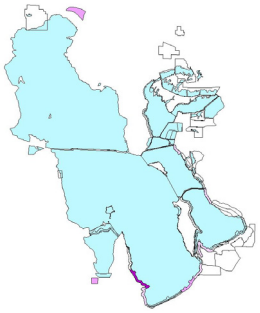
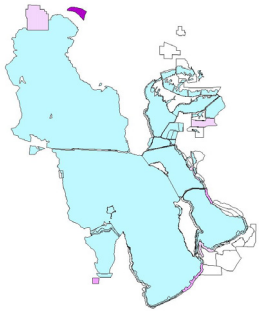
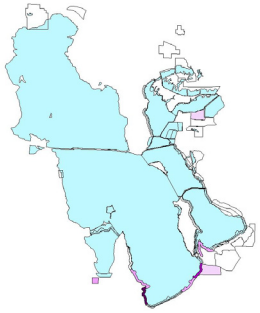
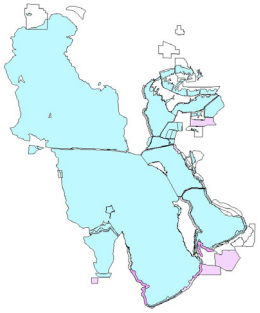
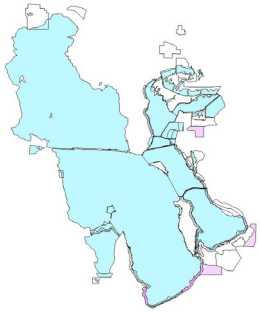
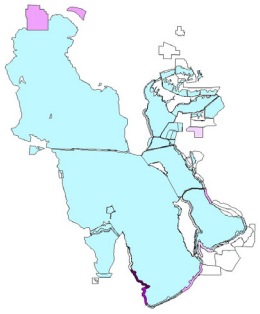
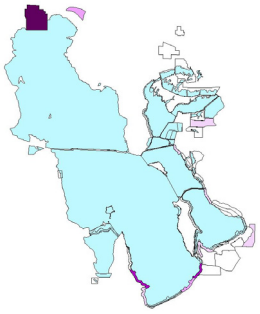
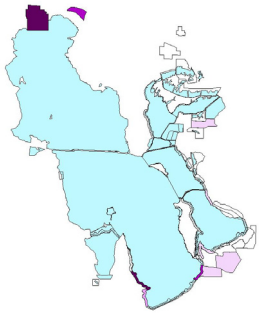
Number of snowy egrets.

Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

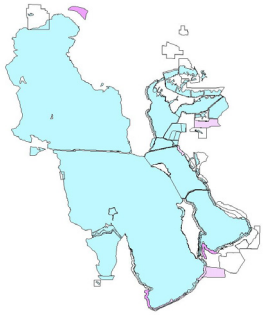
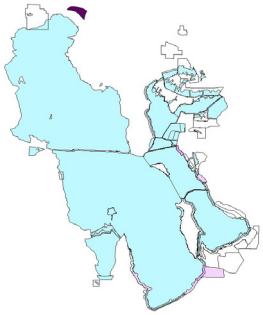
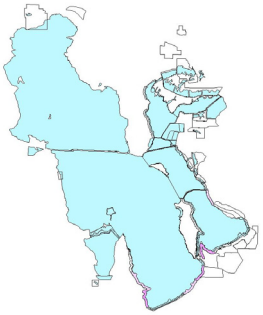
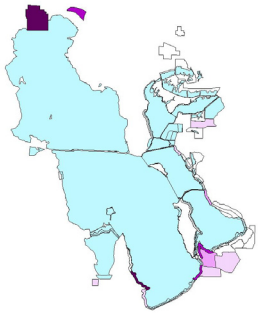
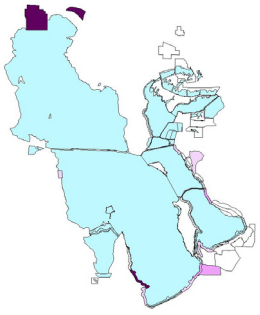
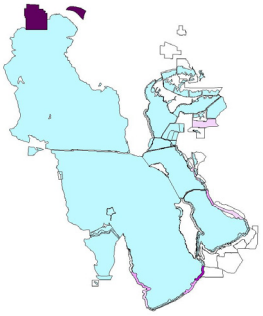
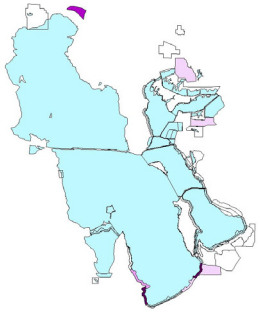
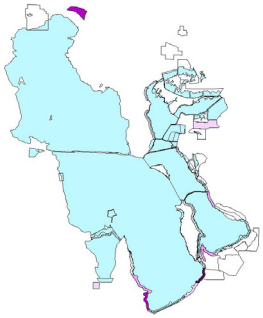
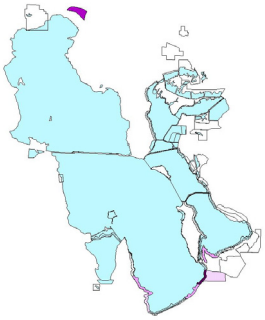
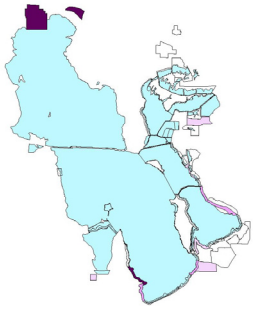
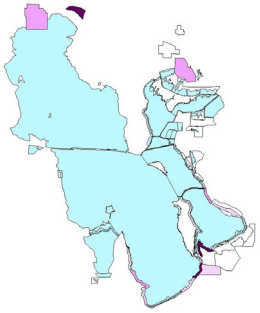
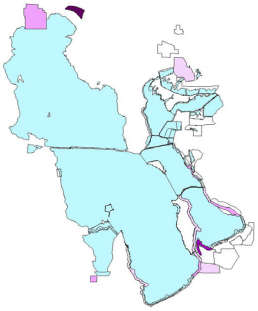
Comparison of the distribution of **snowy plovers** in high (1999) and low (2001) lake conditions.

Number of snowy plovers. (Locomotive Springs was not surveyed in 1999.)

Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

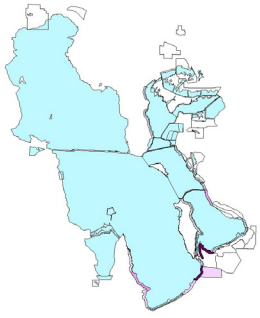
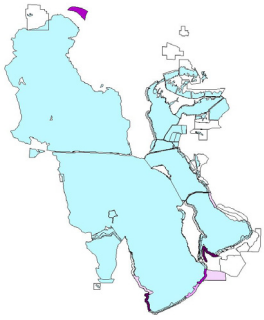
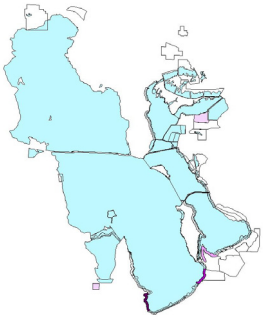
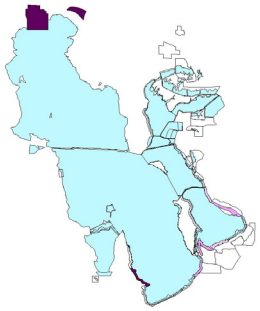
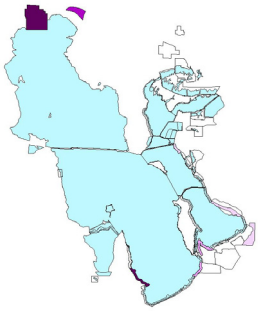
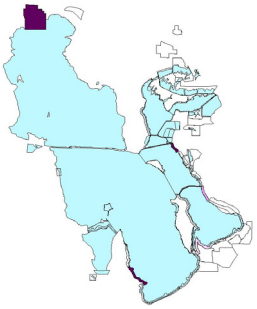
Continued…Comparison of the distribution of **snowy plovers** in high (1999) and low (2001) lake conditions.

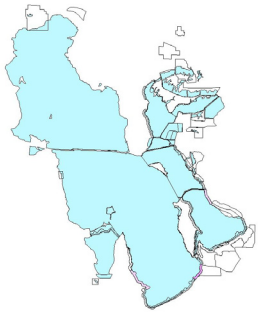
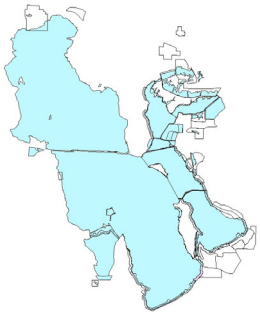
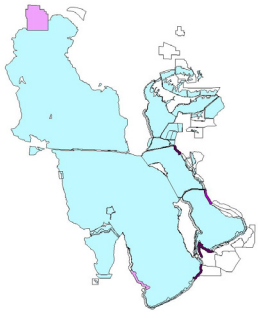
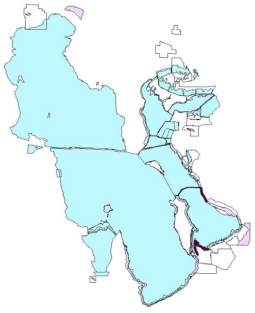
Number of snowy plovers. (Locomotive Springs was not surveyed in 1999.)

Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **snowy plovers** in high (1999) and low (2001) lake conditions.

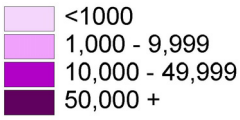
Number of snowy plovers. (Locomotive Springs was not surveyed in 1999.)

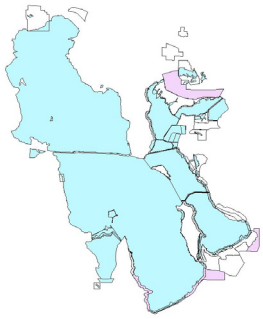
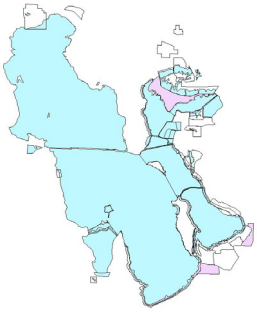
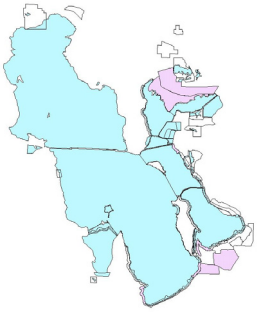
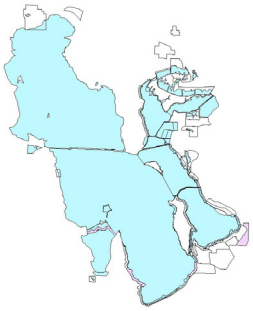
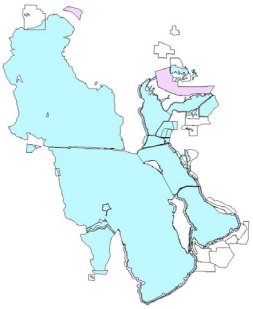
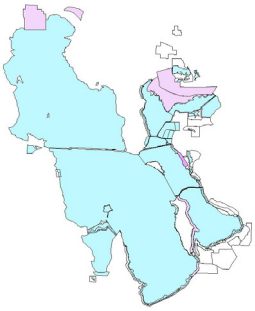
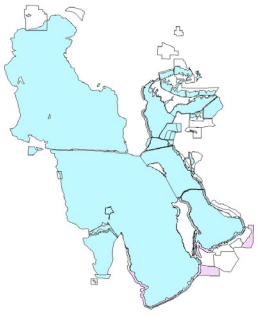
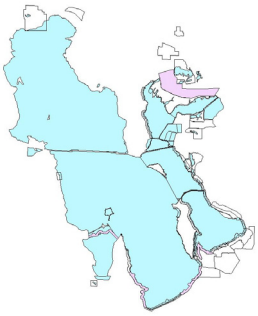
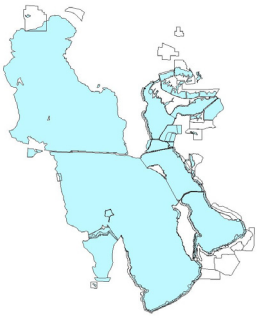
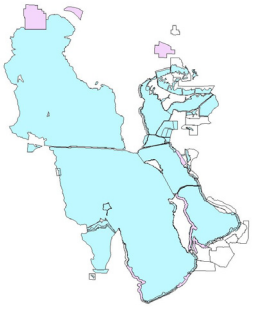
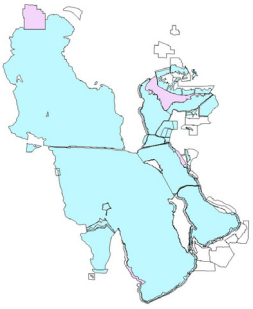
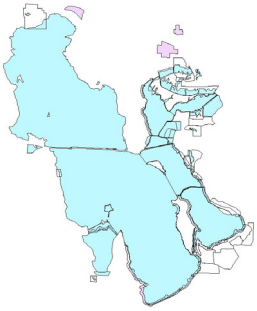
Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

Comparison of the distribution of **western sandpipers** in high (1999) and low (2001) lake conditions.

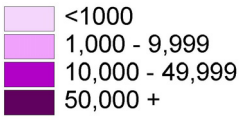
Number of western sandpipers.

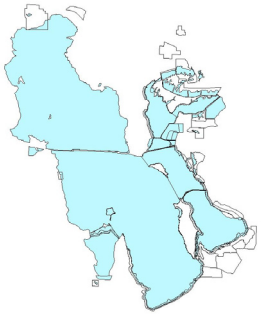
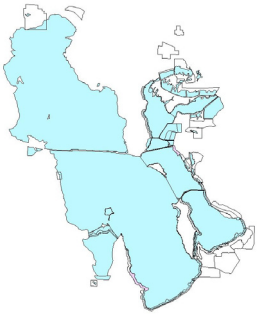
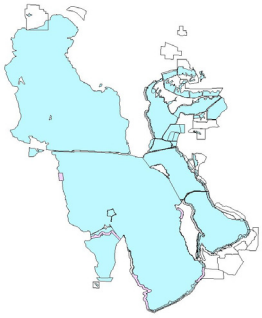
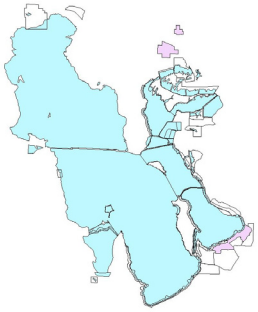
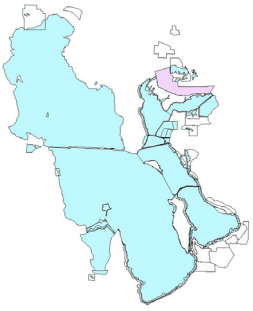
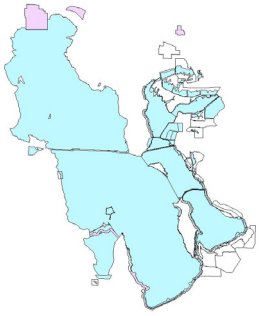
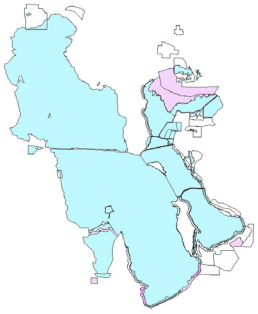
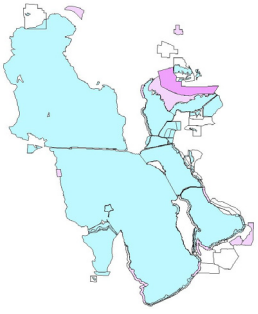
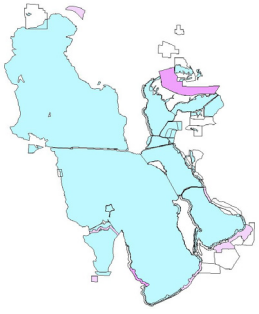
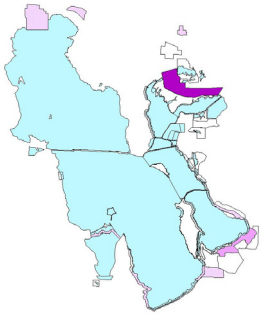
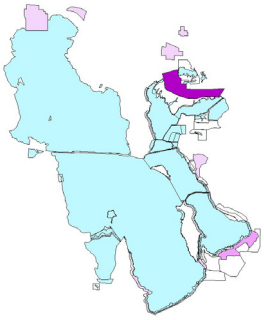
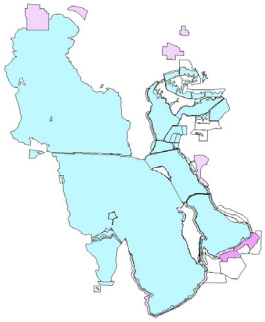


Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

Continued…Comparison of the distribution of **western sandpipers** in high (1999) and low (2001) lake conditions.

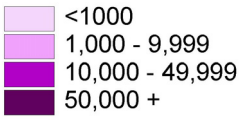
Number of western sandpipers.

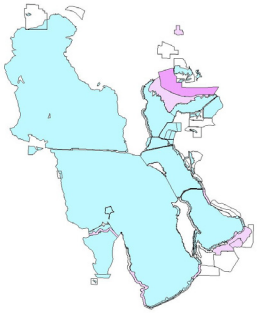
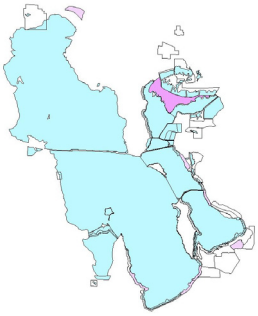
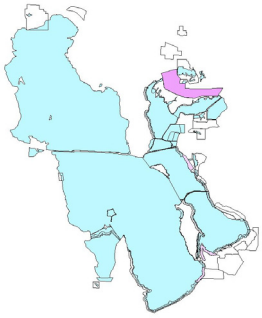
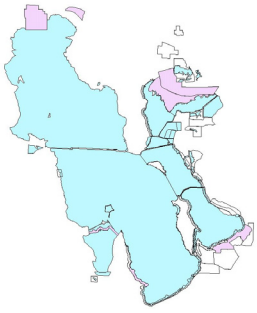
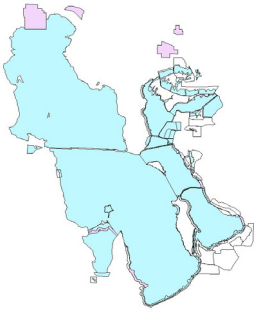
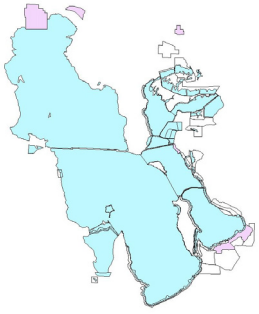


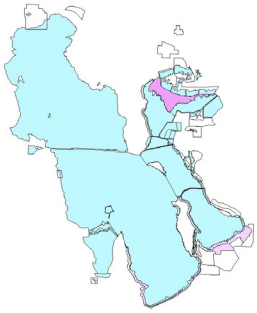
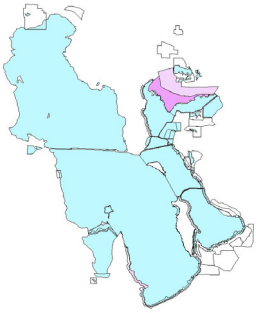
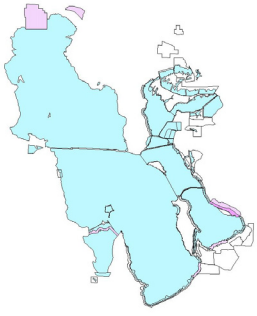
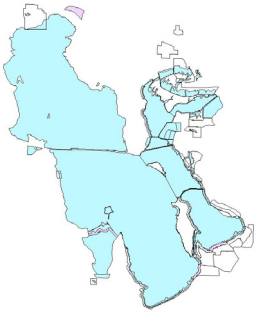
Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **western sandpipers** in high (1999) and low (2001) lake conditions.

Number of western sandpipers.

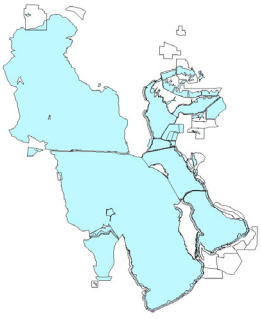
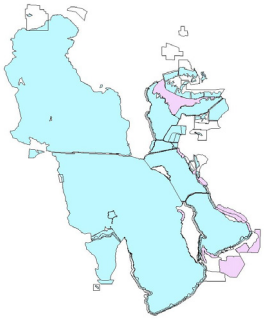
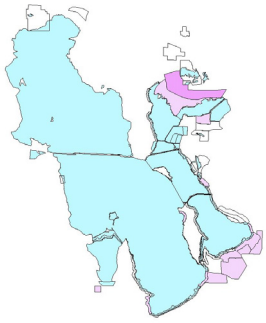
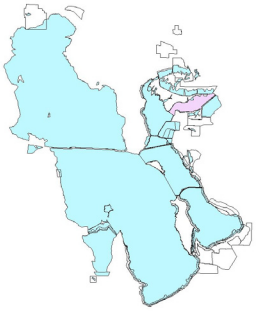
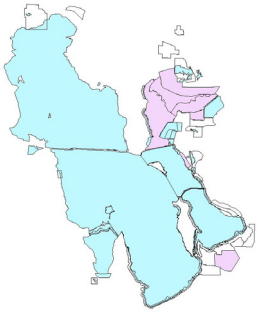
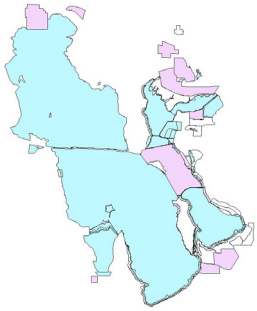
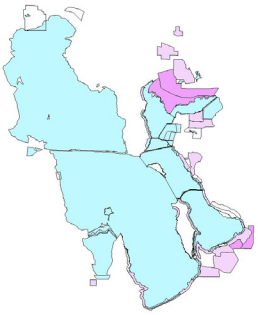
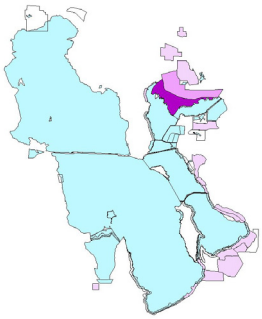
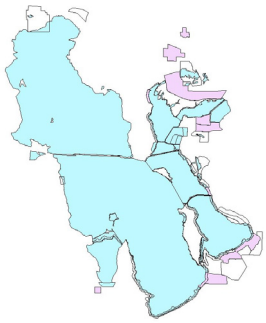
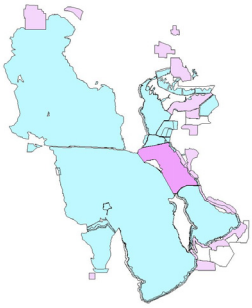
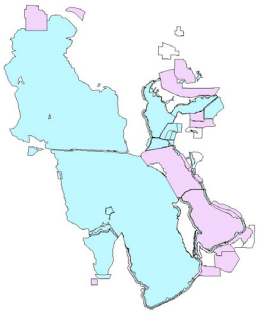
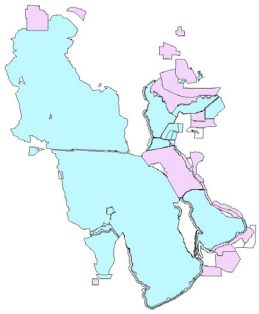


Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

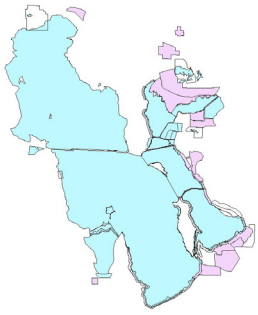
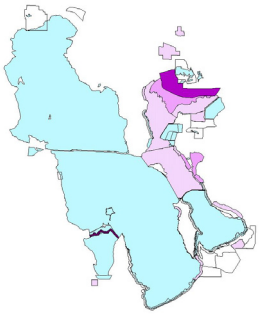
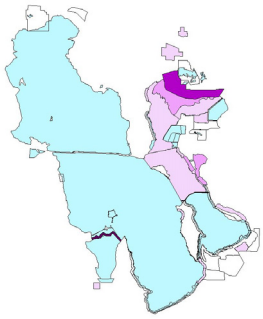
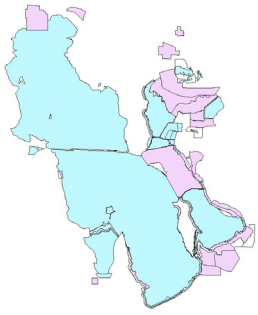
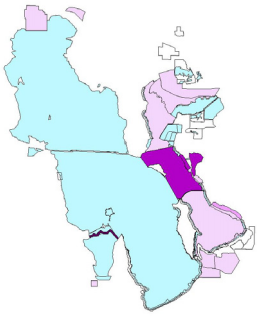
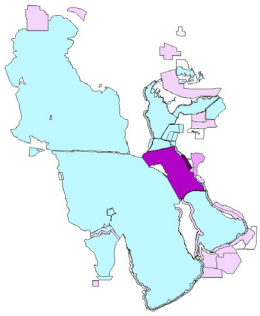
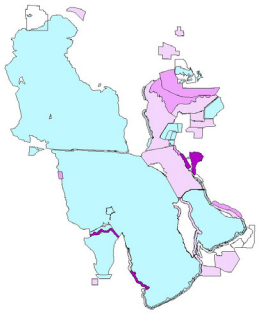
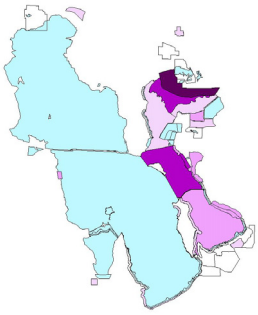
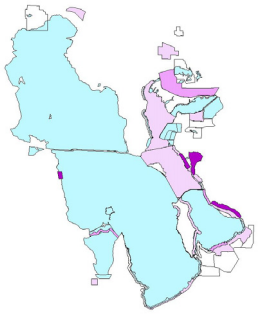
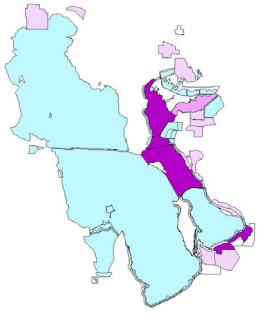
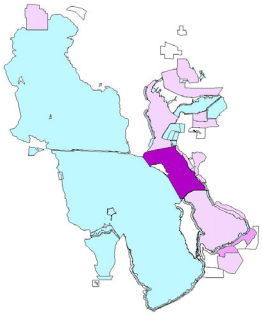
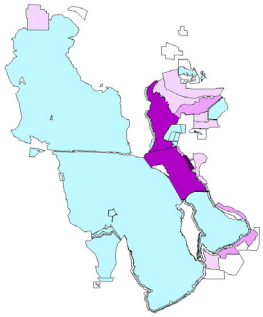
Comparison of the distribution of **white-faced ibis** in high (1999) and low (2001) lake conditions.

Number of white-faced ibis.

Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

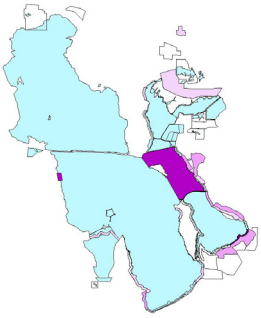
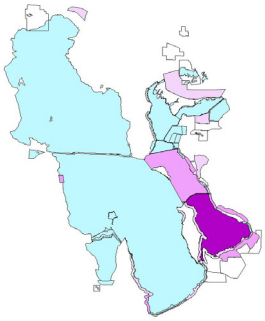
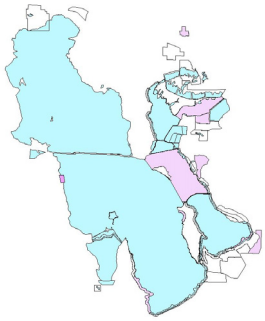
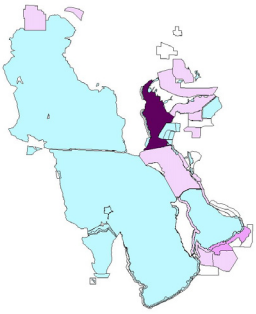
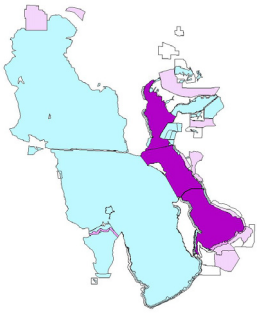
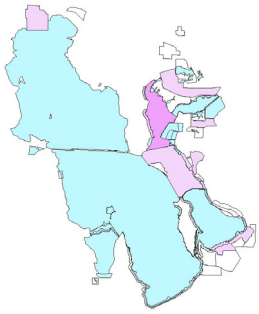
Continued…Comparison of the distribution of **white-faced ibis** in high (1999) and low (2001) lake conditions.

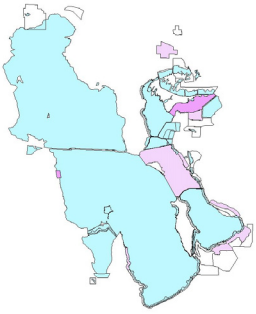
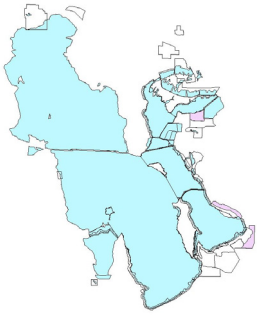
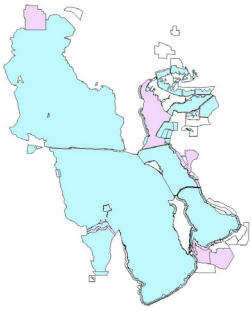
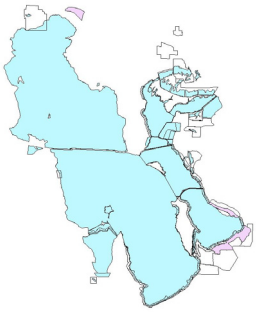
Number of white-faced ibis.

Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **white-faced ibis** in high (1999) and low (2001) lake conditions.

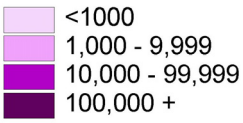
Number of white-faced ibis.

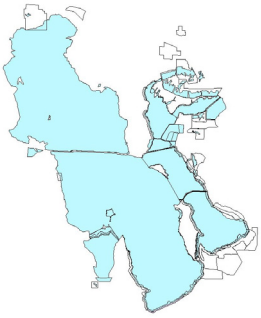
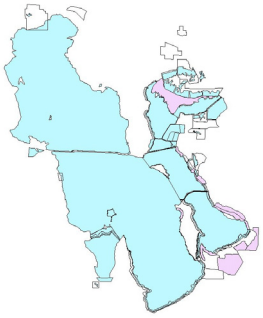
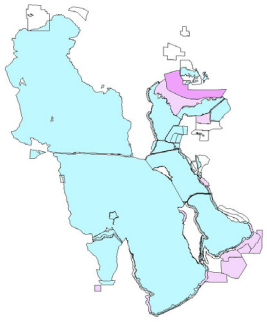
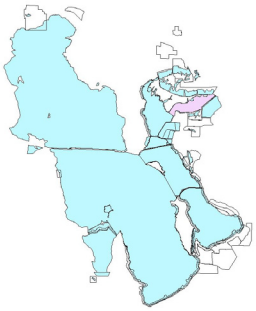
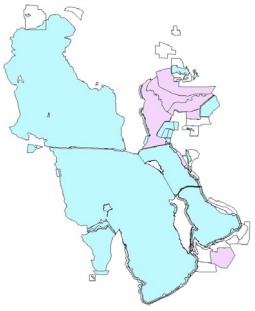
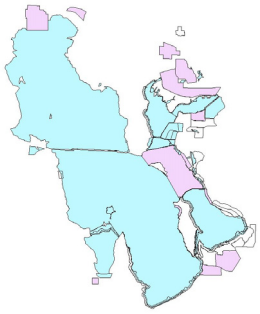
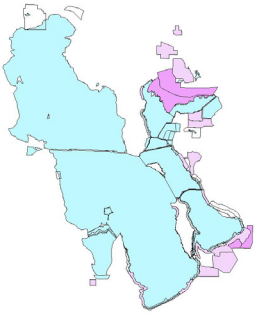
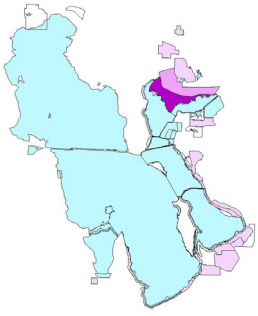
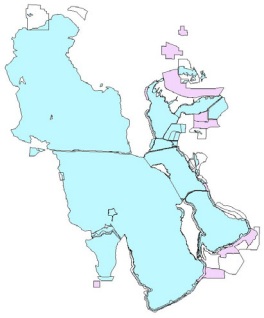
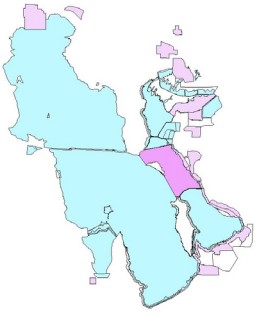
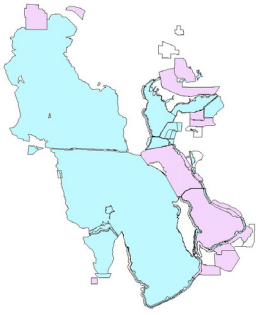
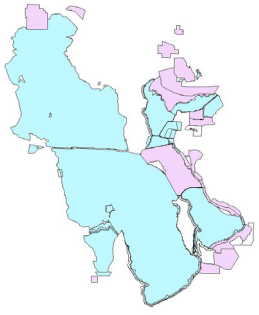
Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001		

Comparison of the distribution of **Wilson's phalaropes** in high (1999) and low (2001) lake conditions.

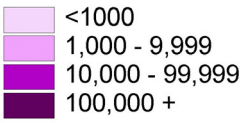
Number of Wilson's phalaropes.

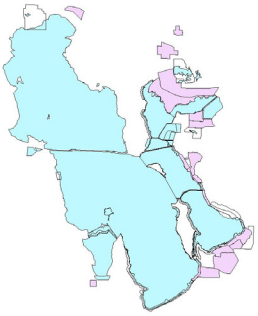
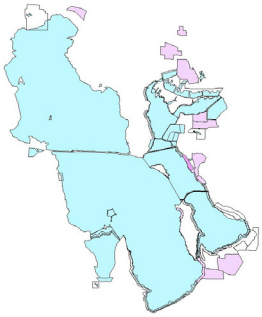
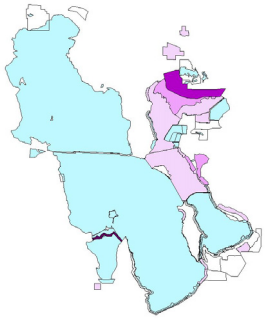
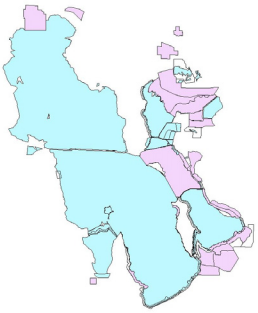
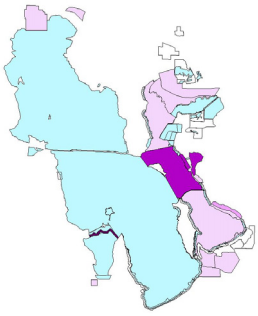
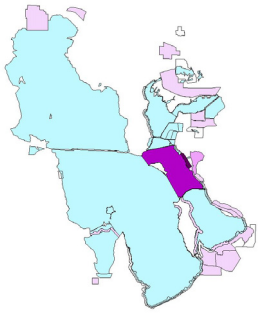
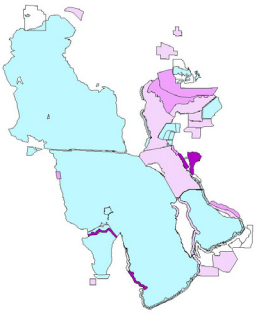
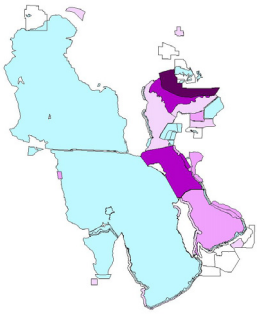
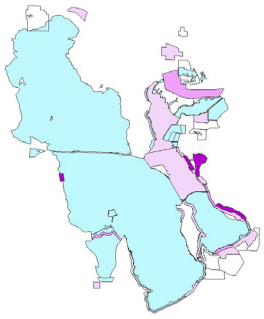
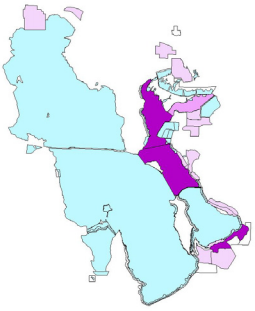
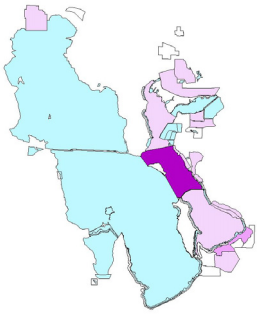
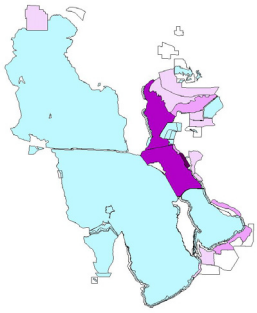


Year	Period 1: April 6-15	Period 2: April 16-25	Period 3: April 26-May 5
1999			
2001			
Year	Period 4: May 6-15	Period 5: May 16-25	Period 6: May 26-June 4
1999			
2001			

Continued…Comparison of the distribution of **Wilson's phalaropes** in high (1999) and low (2001) lake conditions.

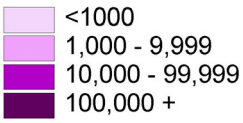
Number of Wilson's phalaropes.

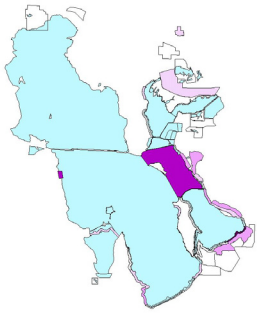
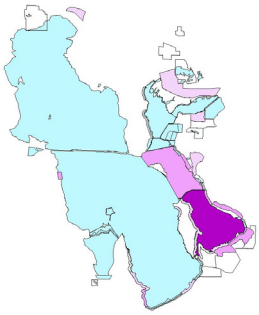
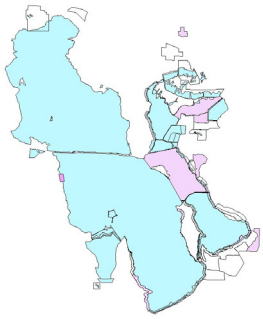
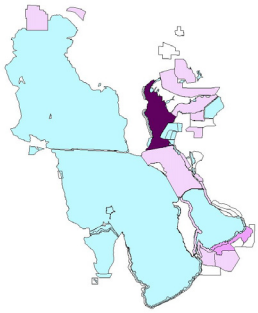
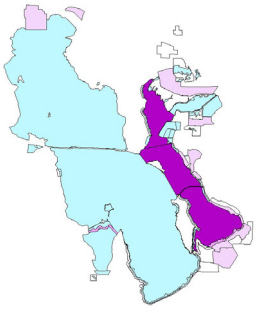
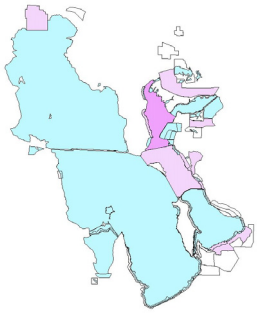


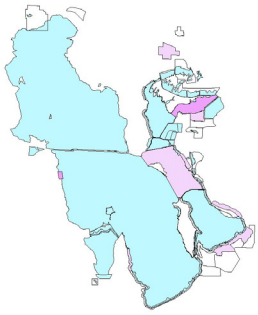
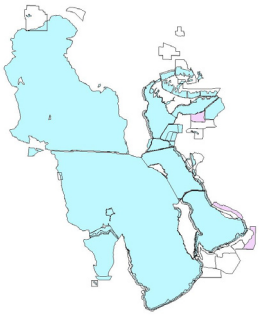
Year	Period 7: June 5-14	Period 8: June 15-24	Period 9: June 25-July 4
1999			
2001			
Year	Period 10: July 5-14	Period 11: July 15-24	Period 12: July 25-Aug 3
1999			
2001			

Continued…Comparison of the distribution of **Wilson's phalaropes** in high (1999) and low (2001) lake conditions.

Number of Wilson's phalaropes.



Year	Period 13: Aug 4-13	Period 14: Aug 14-23	Period 15: Aug 24-Sep 2
1999			
2001			

Year	Period 16: Sep 3-12	Period 17: Sep 13-22
1999		
2001