

Figure 2.1 Graphs showing autocorrelation function values for annual total precipitation, annual mean maximum temperature, and annual mean minimum temperature for the study area from 1956 to 2017. A, autocorrelation function values for annual total precipitation; B, autocorrelation function values for annual mean maximum temperature; and C, autocorrelation function values for annual mean minimum temperature.

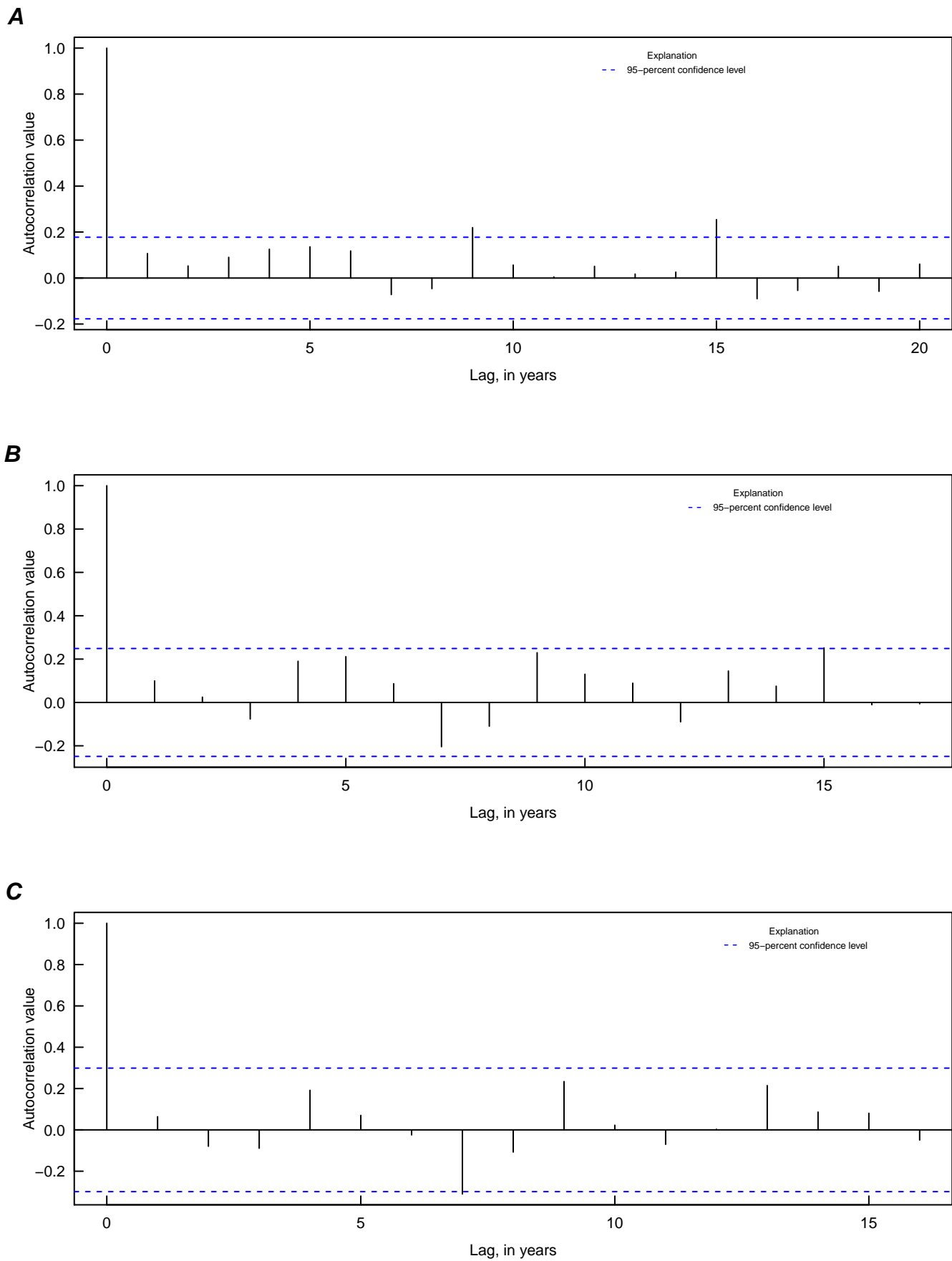
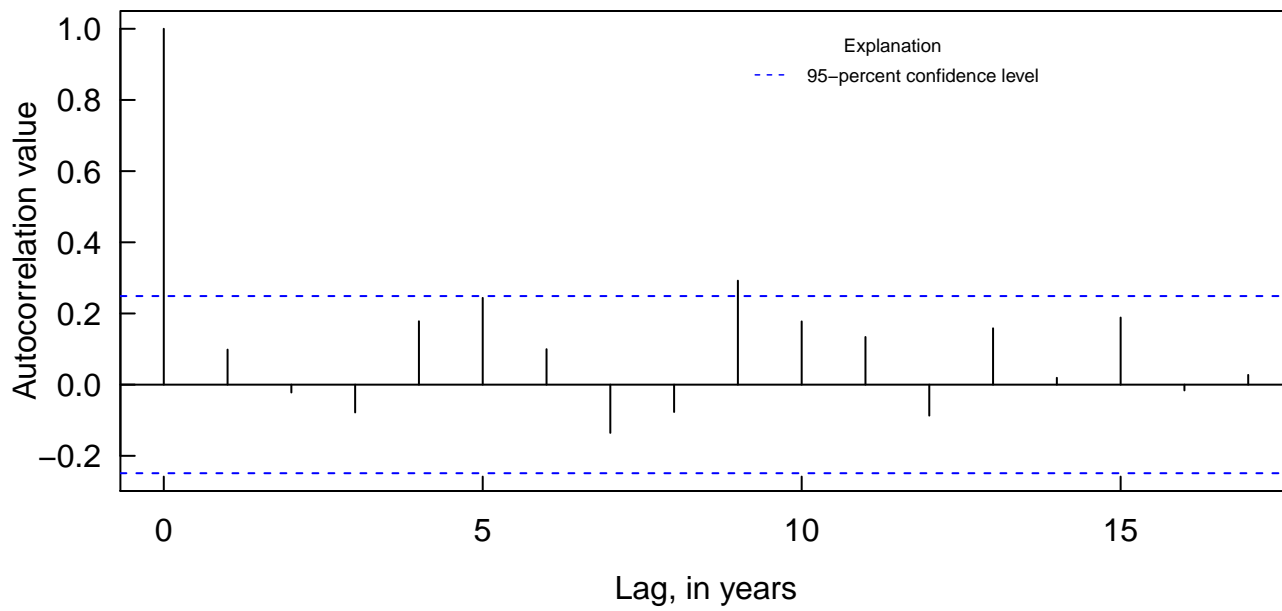


Figure 2.2 Graphs showing autocorrelation function values for annual total precipitation for the study area from 1896 to 2017, 1956 to 2017, and 1975 to 2017. A, autocorrelation function values for annual total precipitation 1896 to 2017; B, autocorrelation function values for annual total precipitation 1956 to 2017; and C, autocorrelation function values for annual total precipitation 1975 to 2017.

A Well TD-57B



B

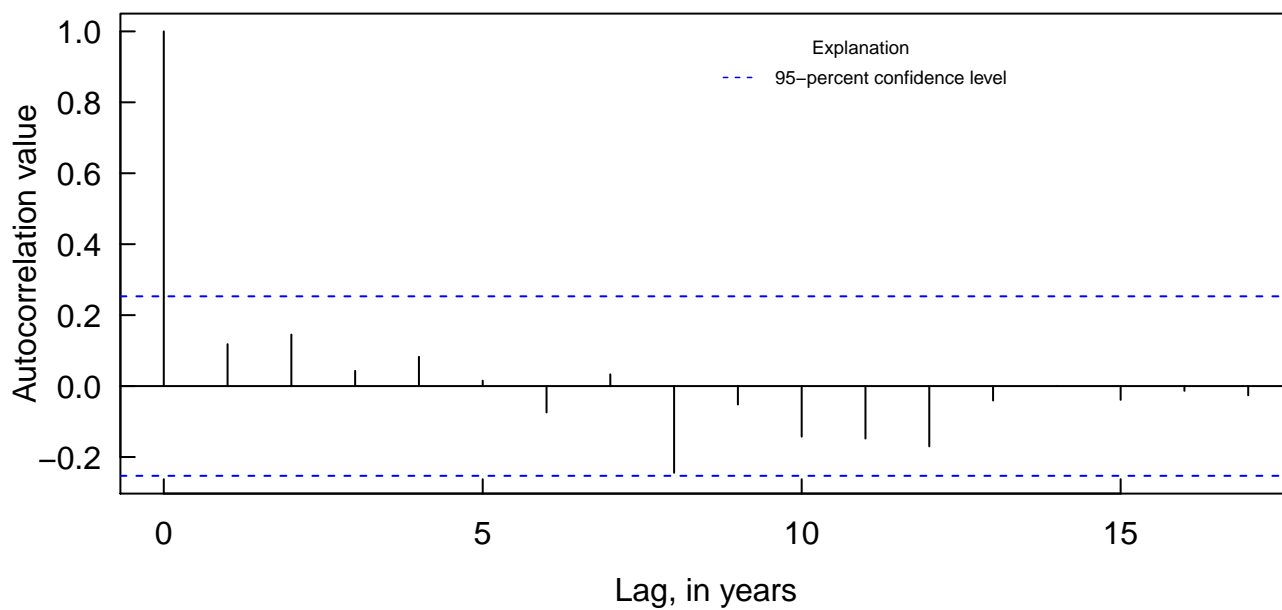
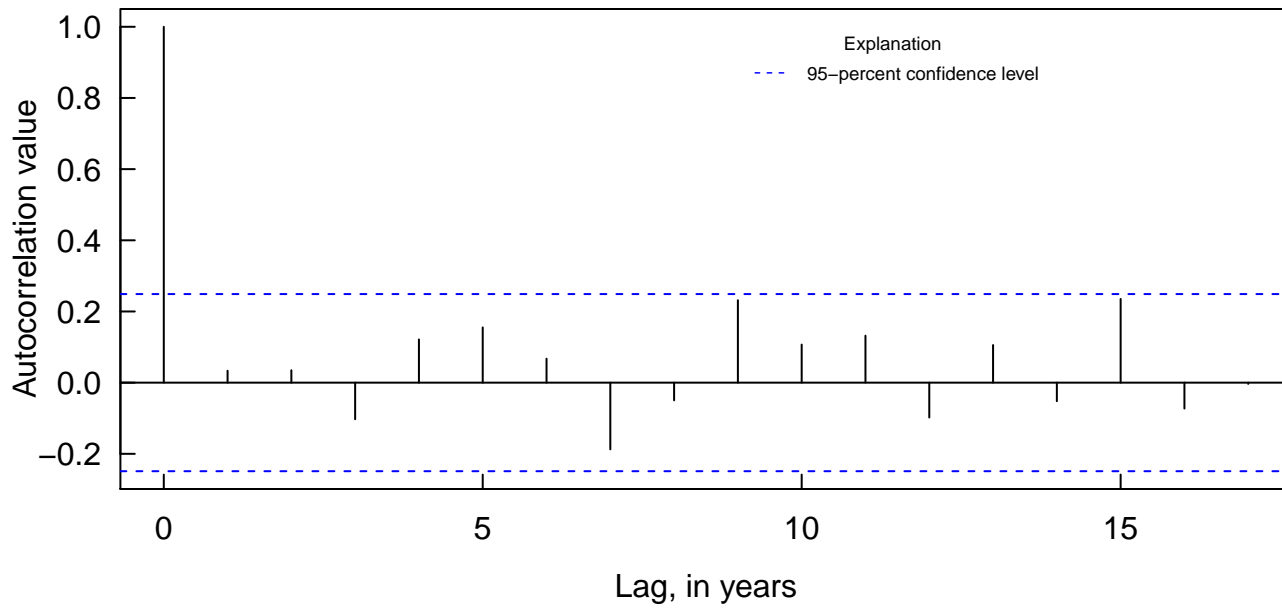


Figure 2.3. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-57CR



B

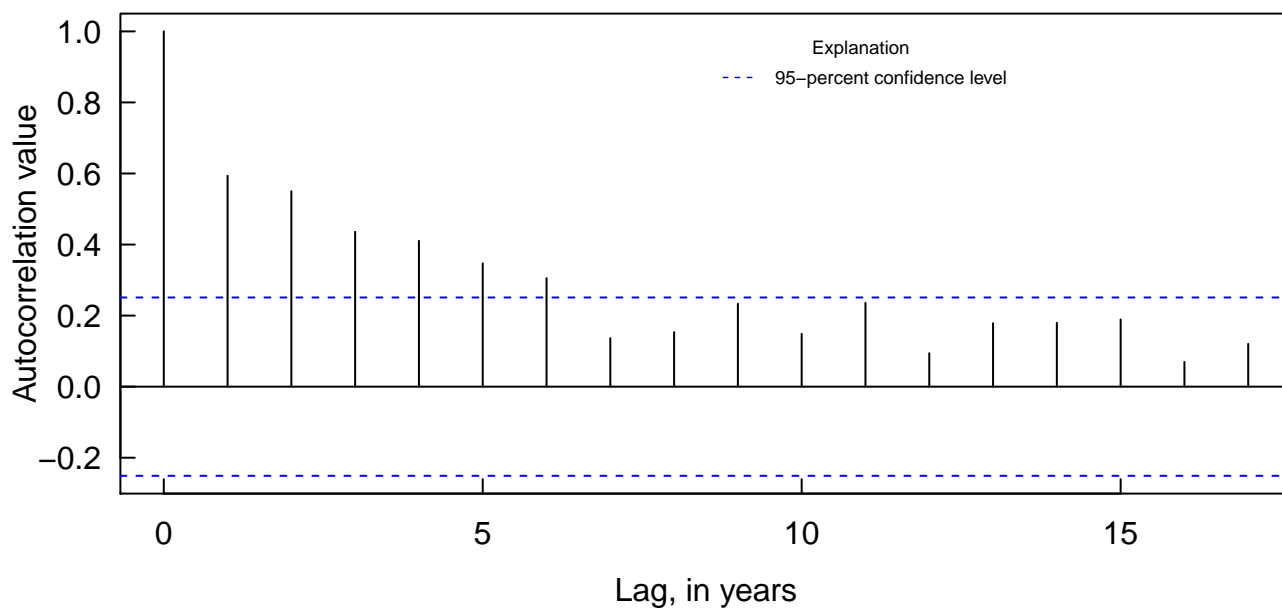
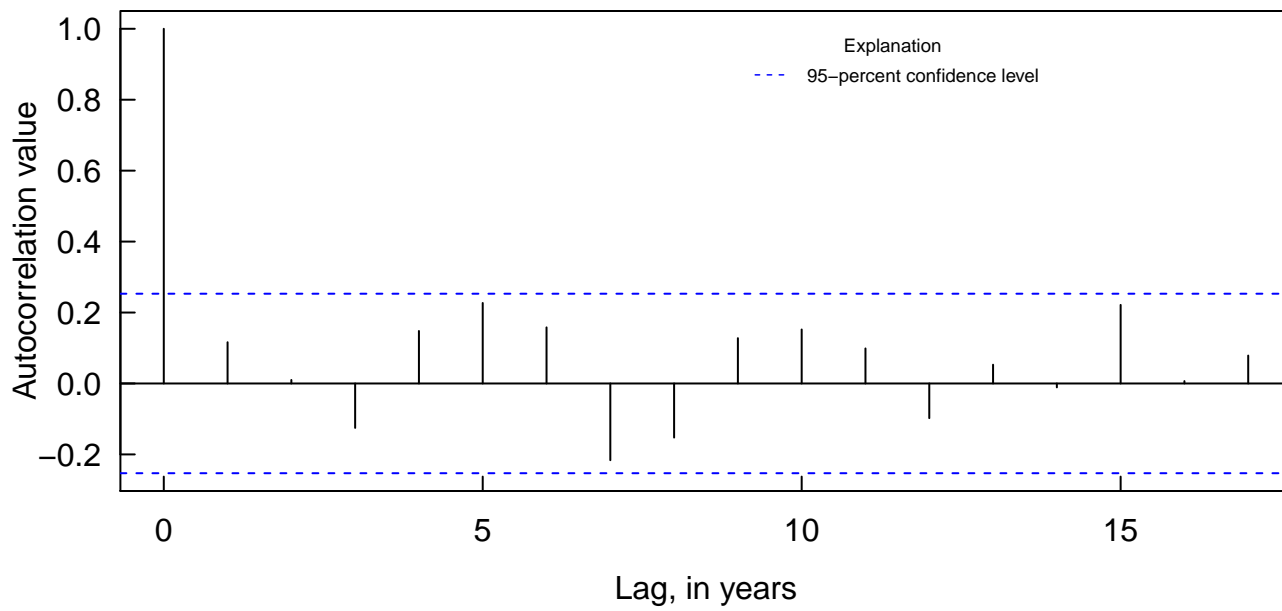


Figure 2.4. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-59A



B

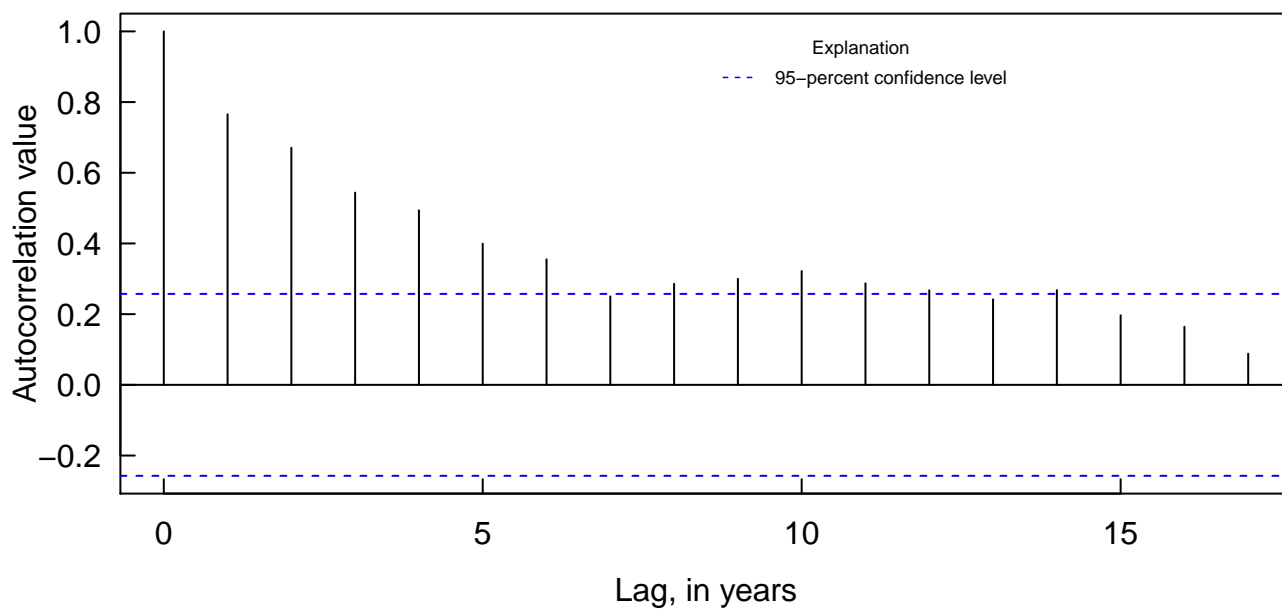
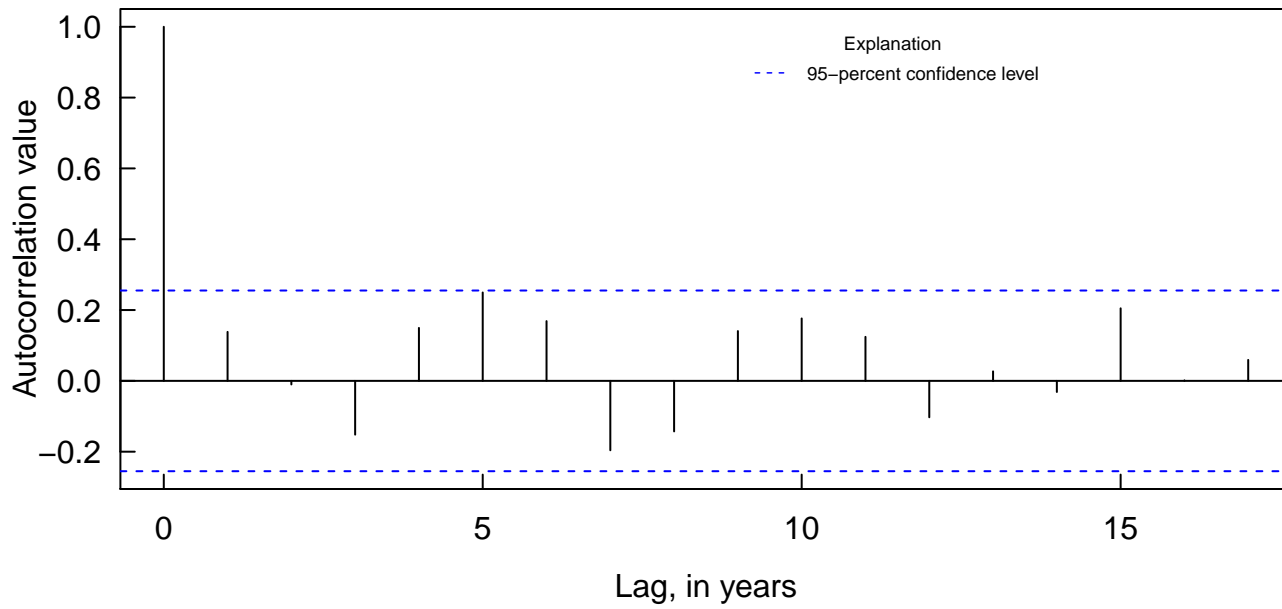


Figure 2.5. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-59BR



B

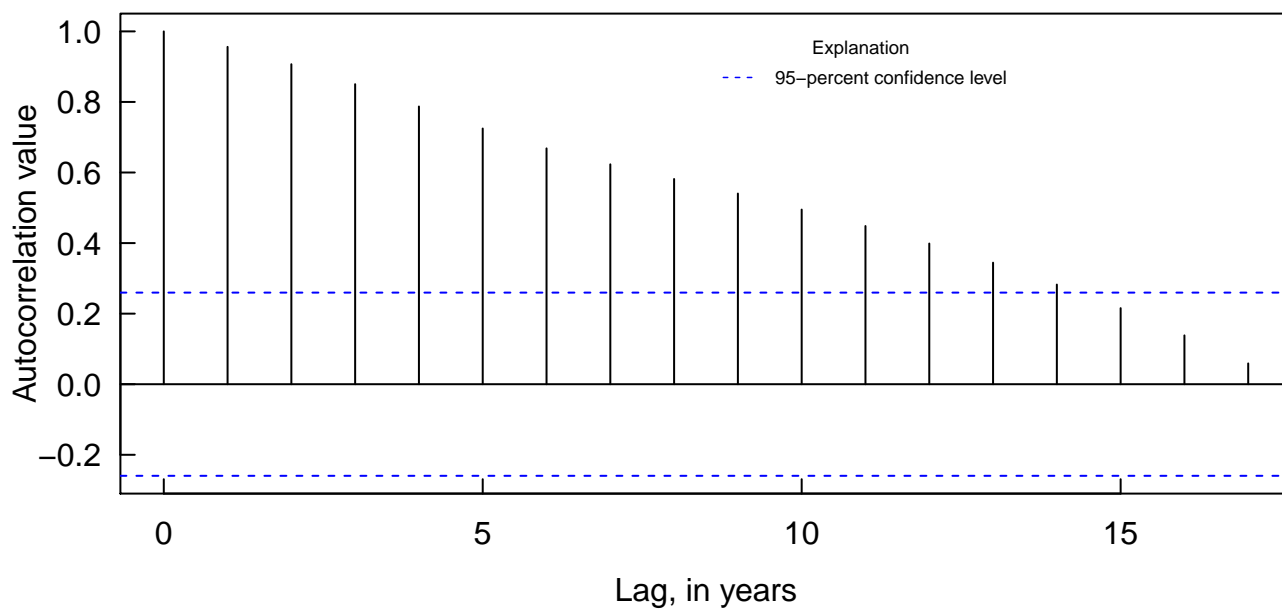
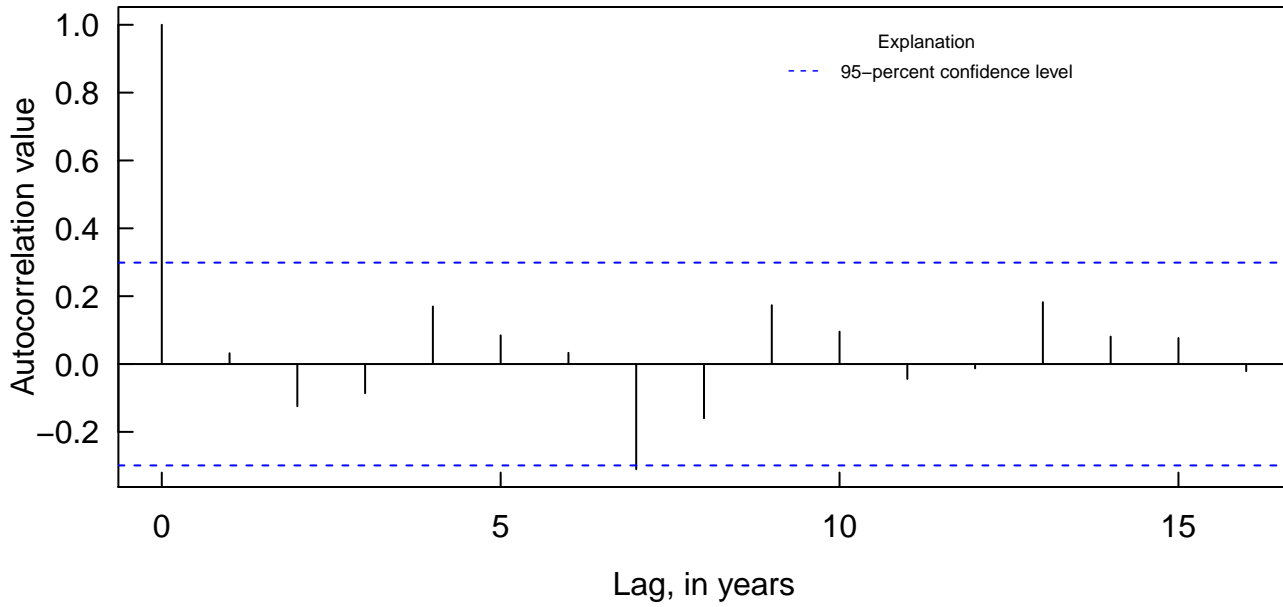


Figure 2.6. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76A



B

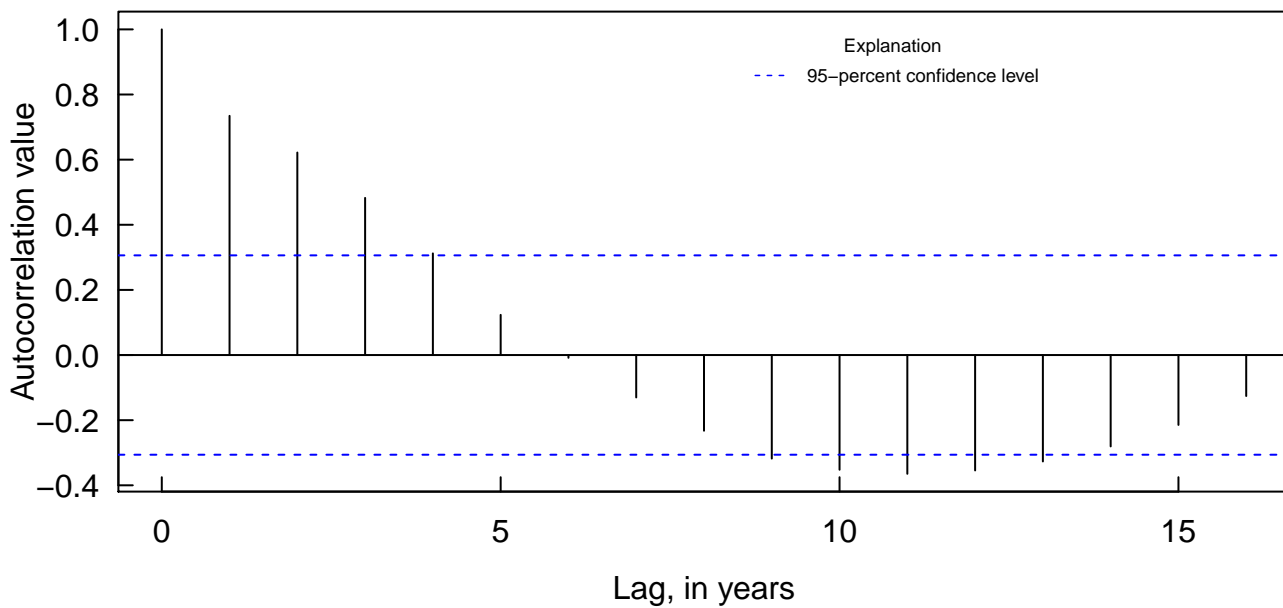
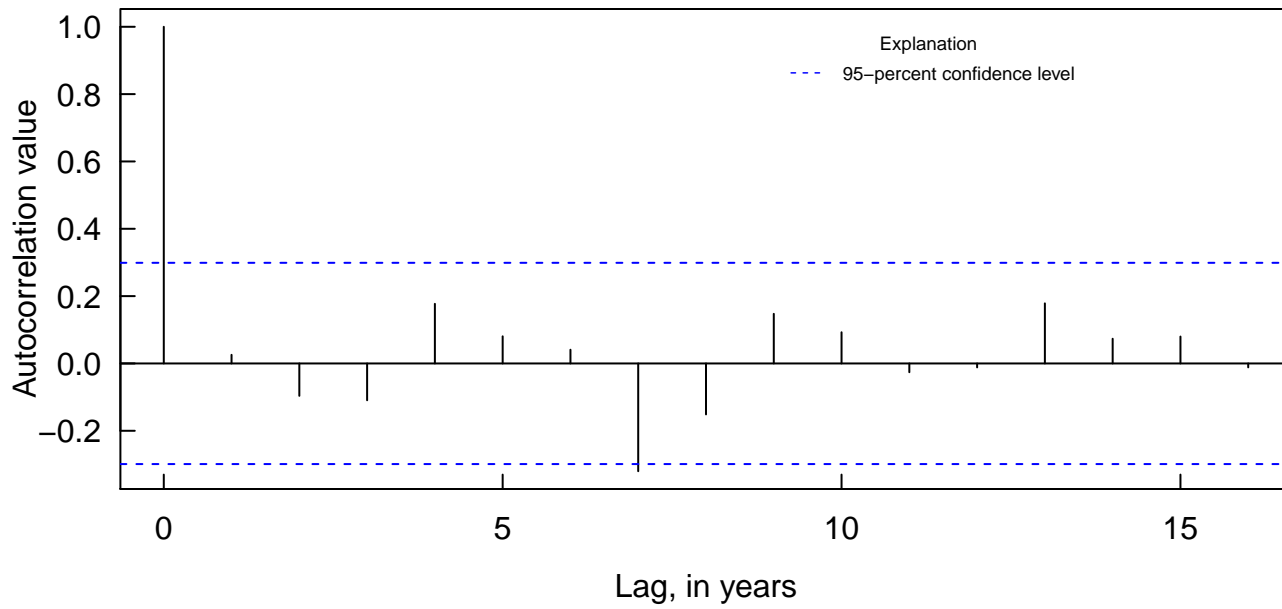


Figure 2.7. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76B



B

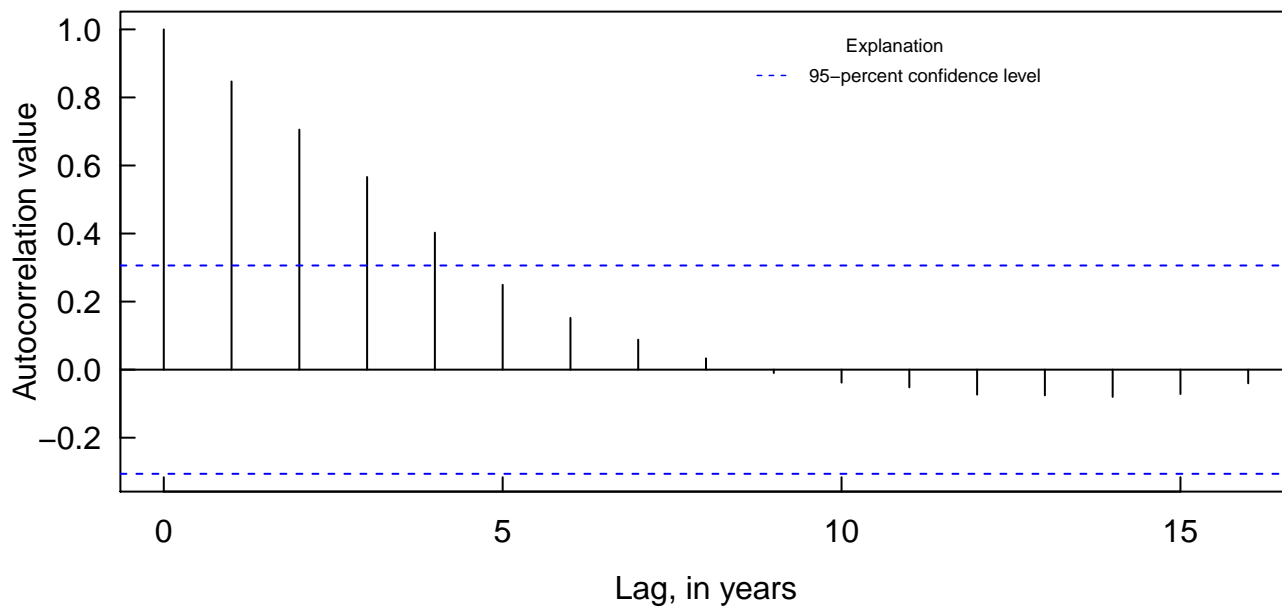
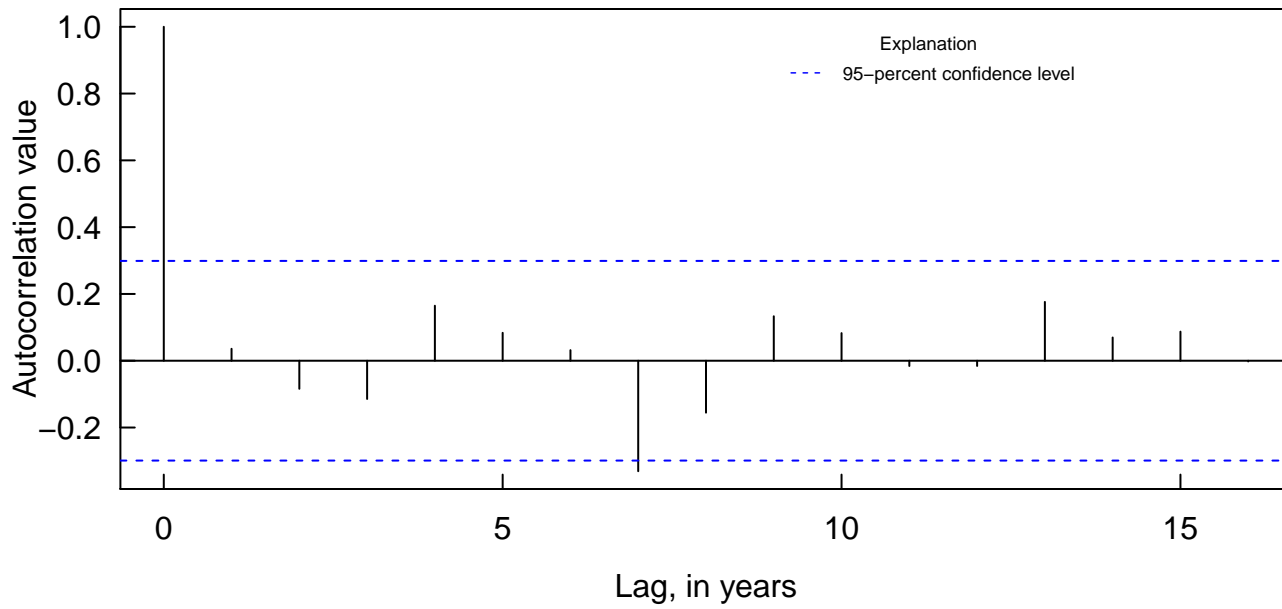


Figure 2.8. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76C



B

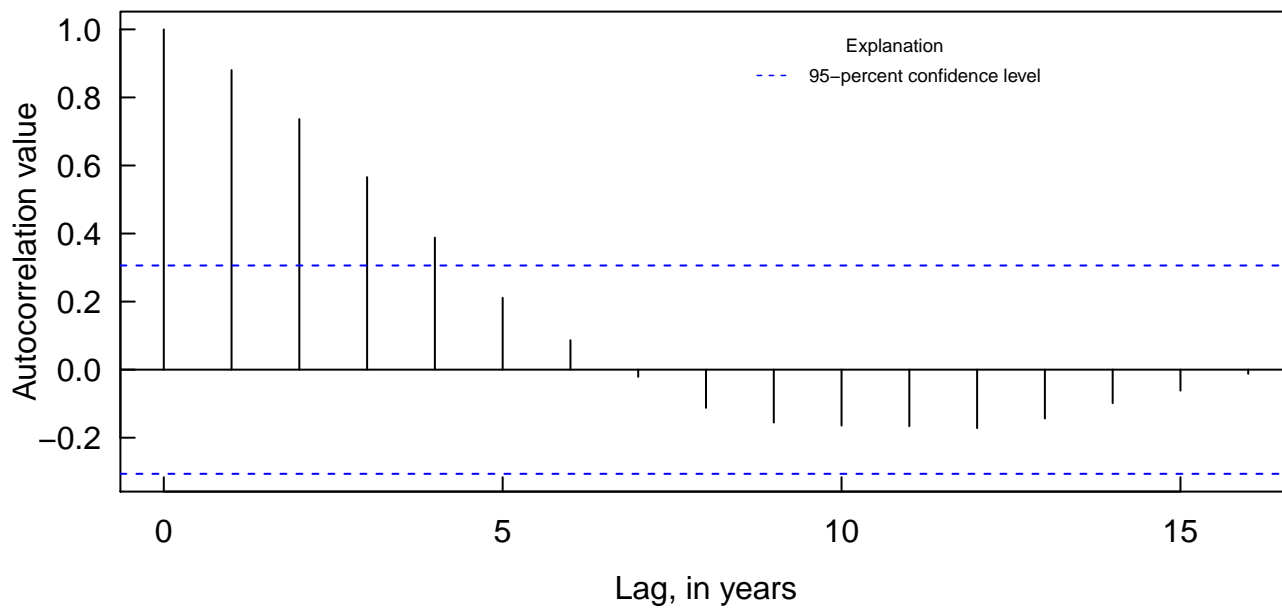
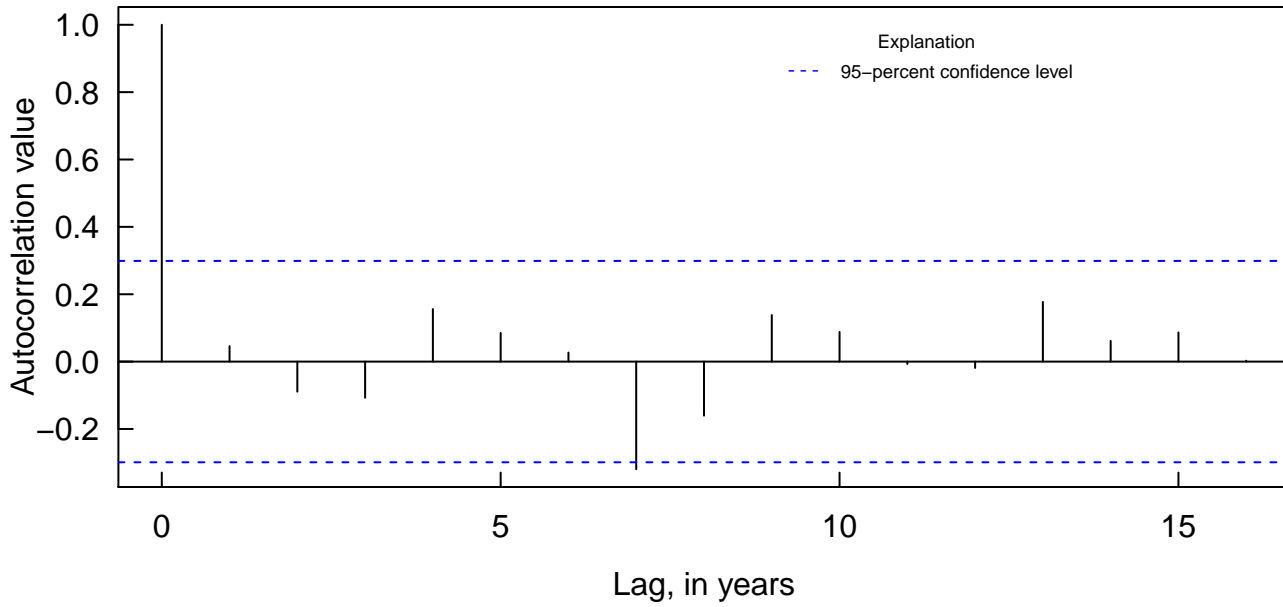


Figure 2.9. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76D



B

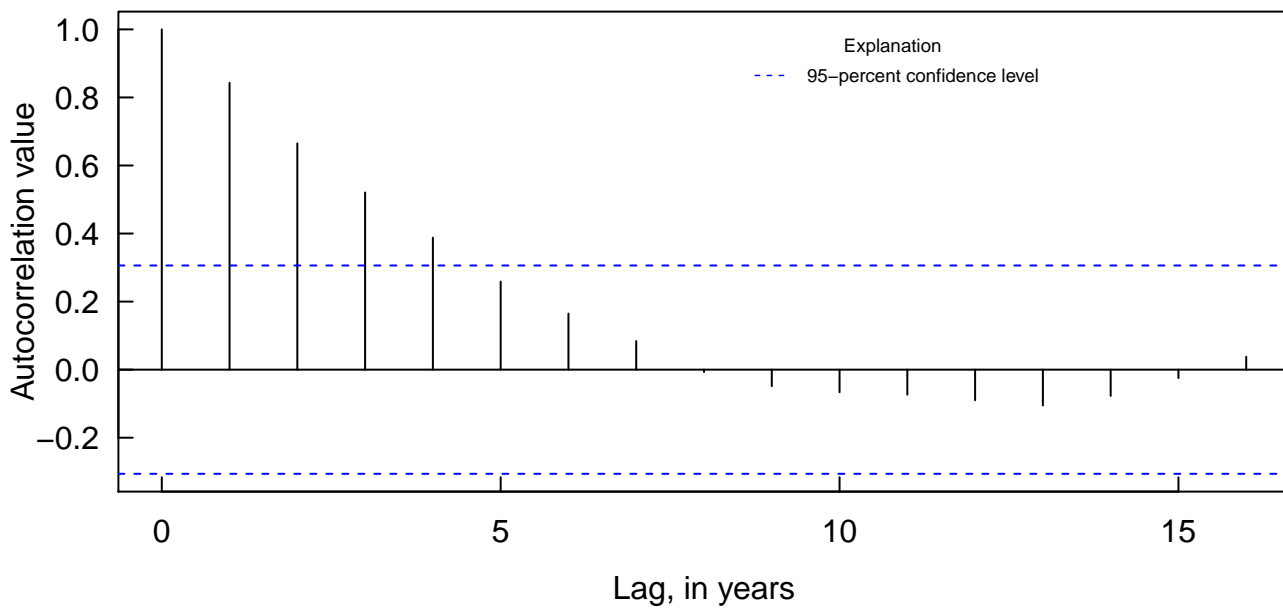
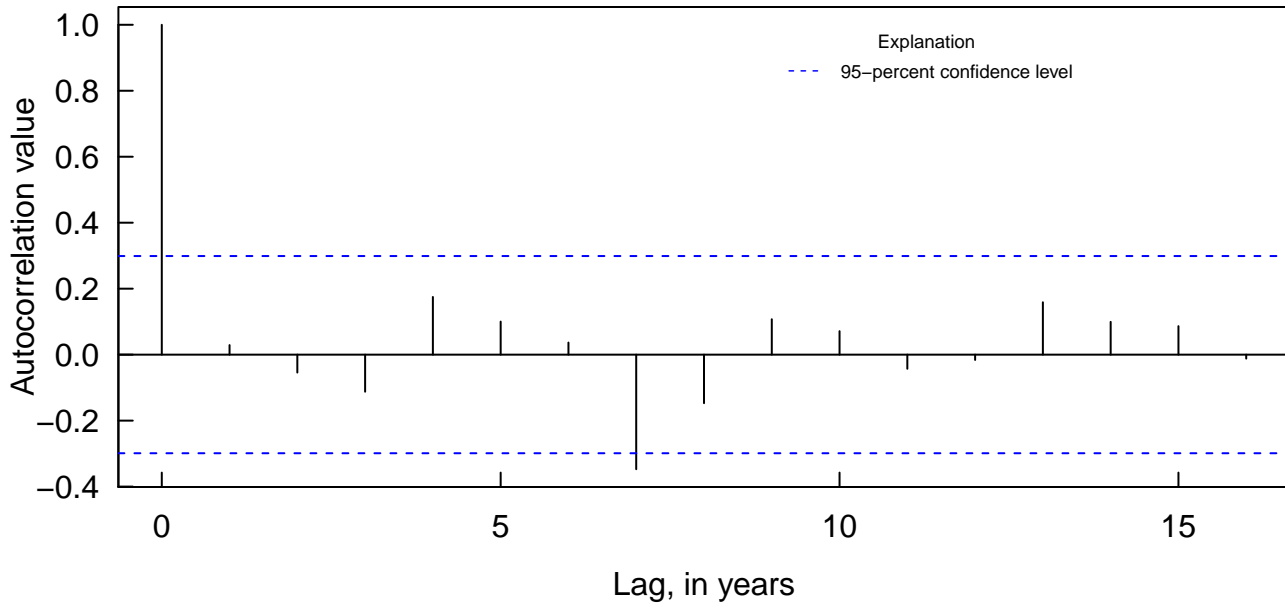


Figure 2.10. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76E



B

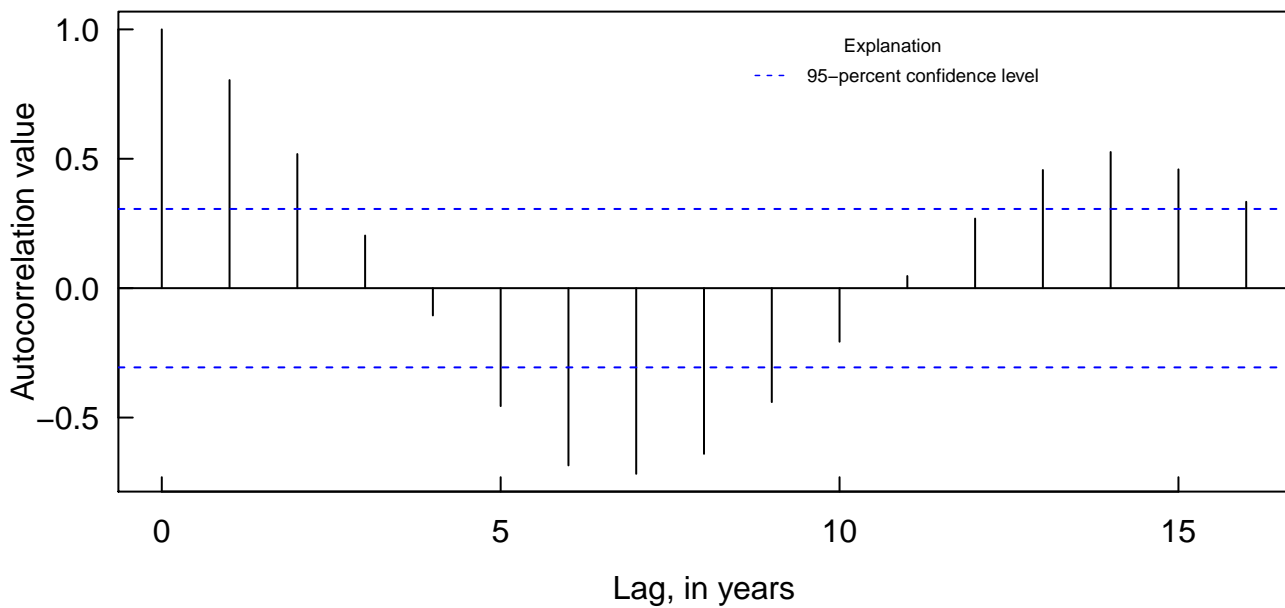
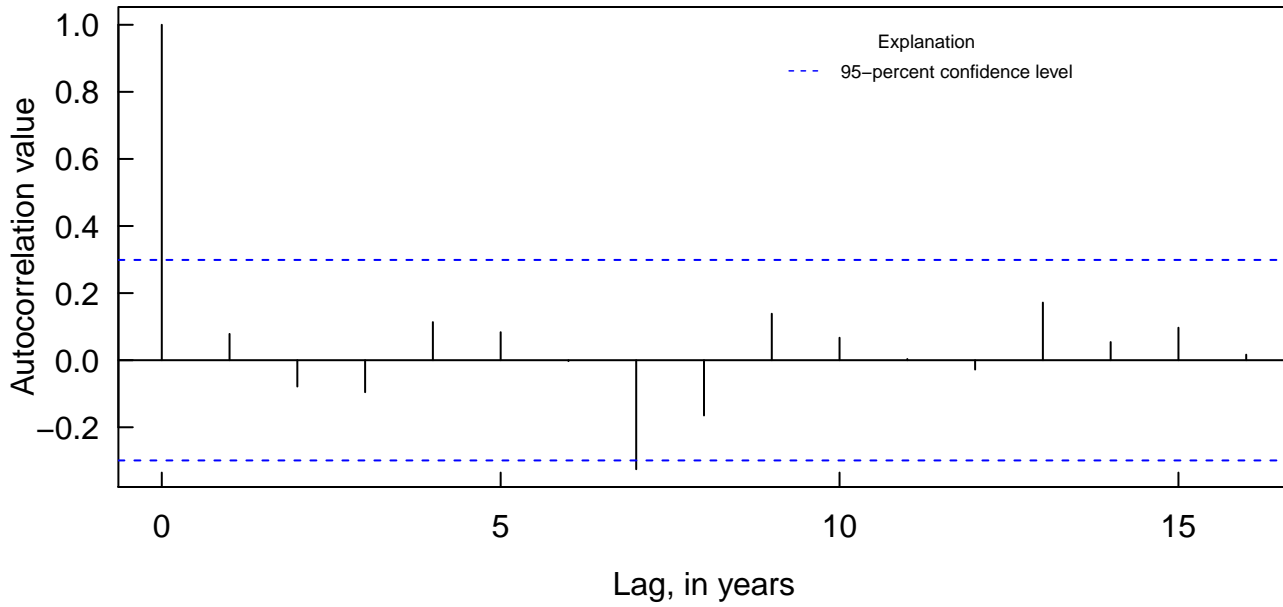


Figure 2.11. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76F



B

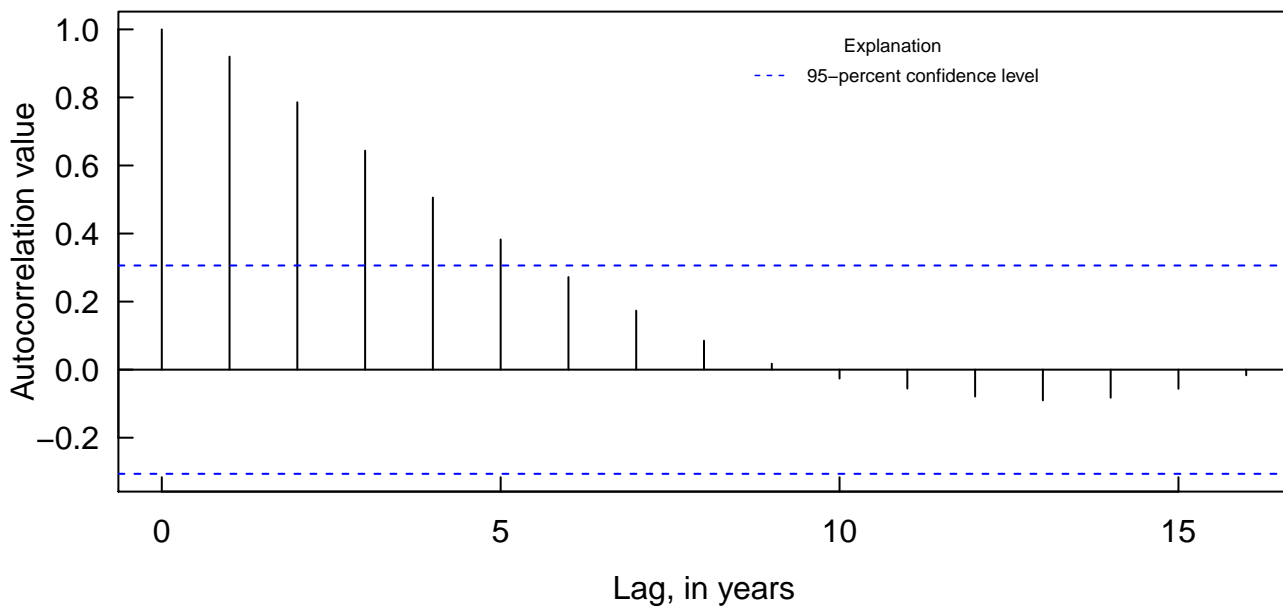
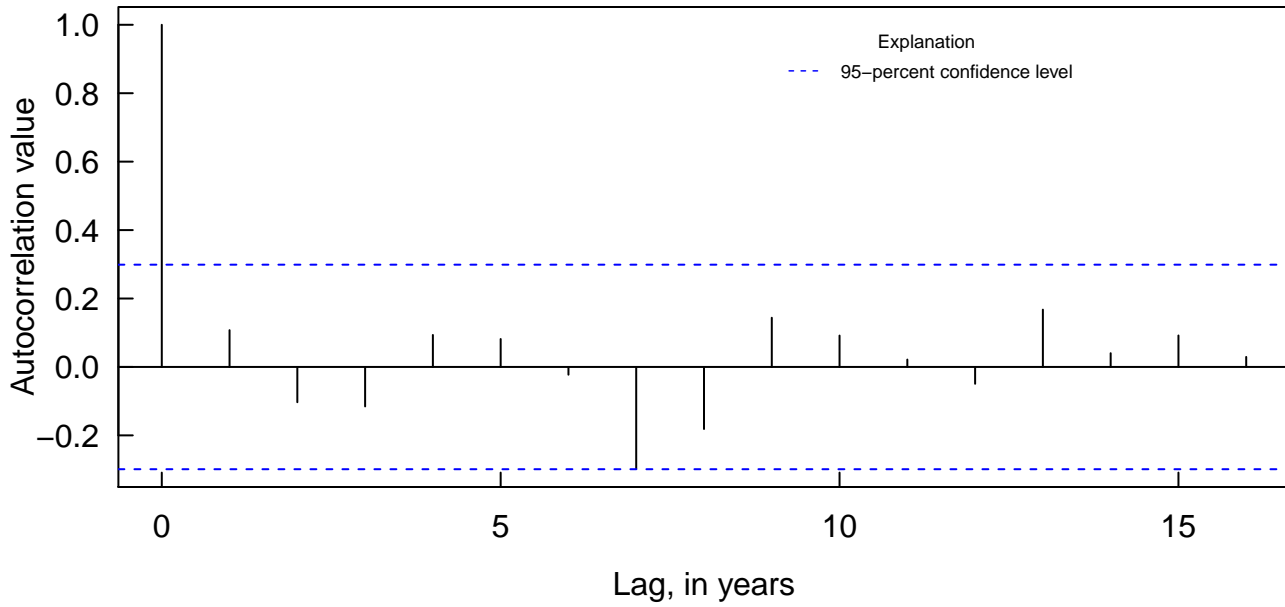


Figure 2.12. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76G



B

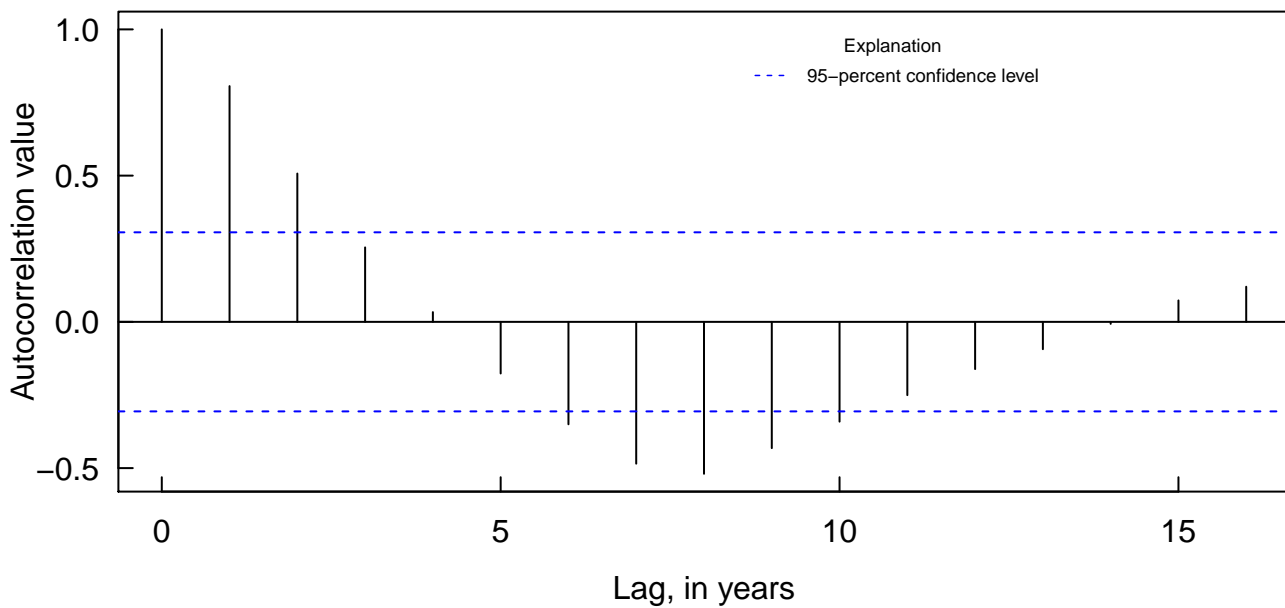
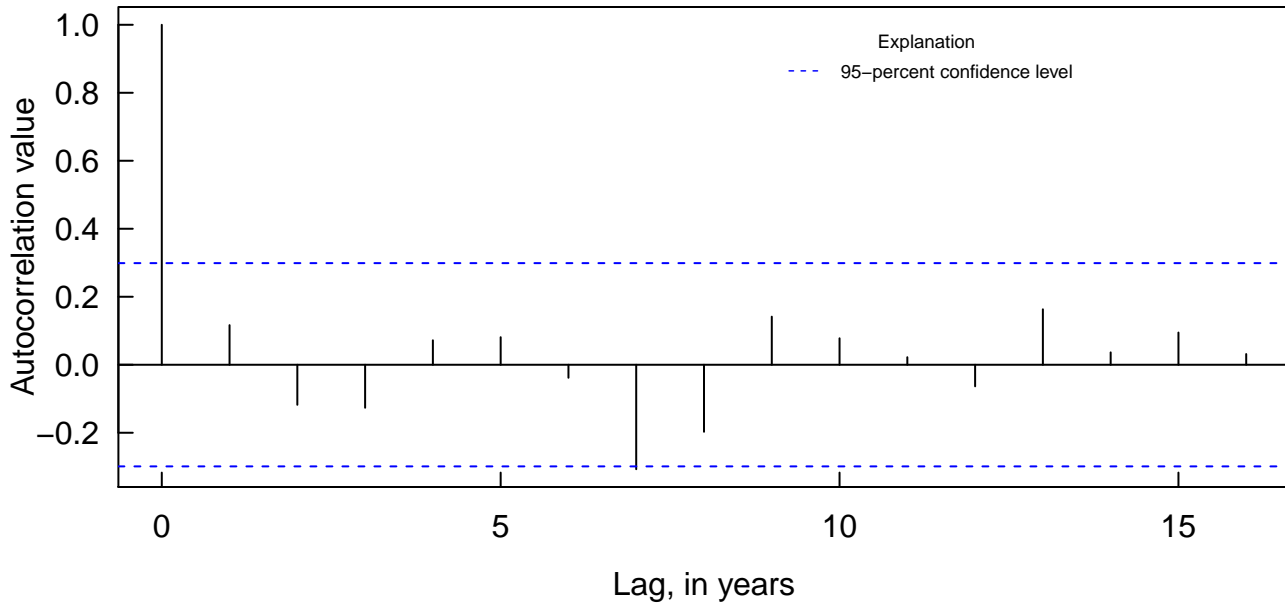


Figure 2.13. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76H



B

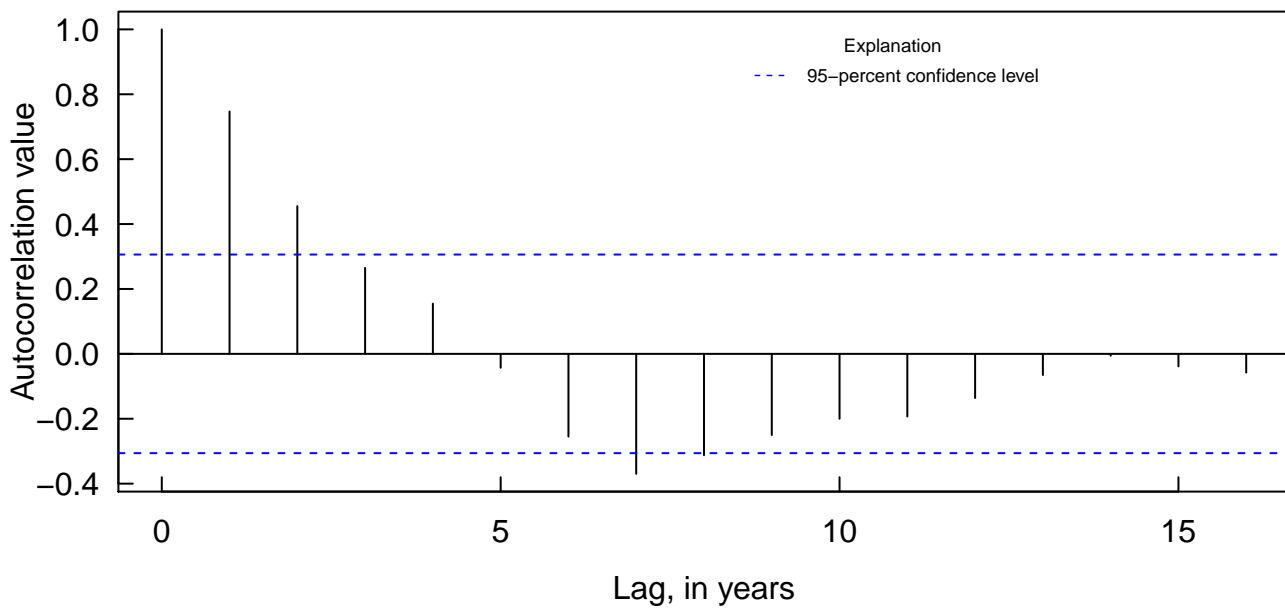
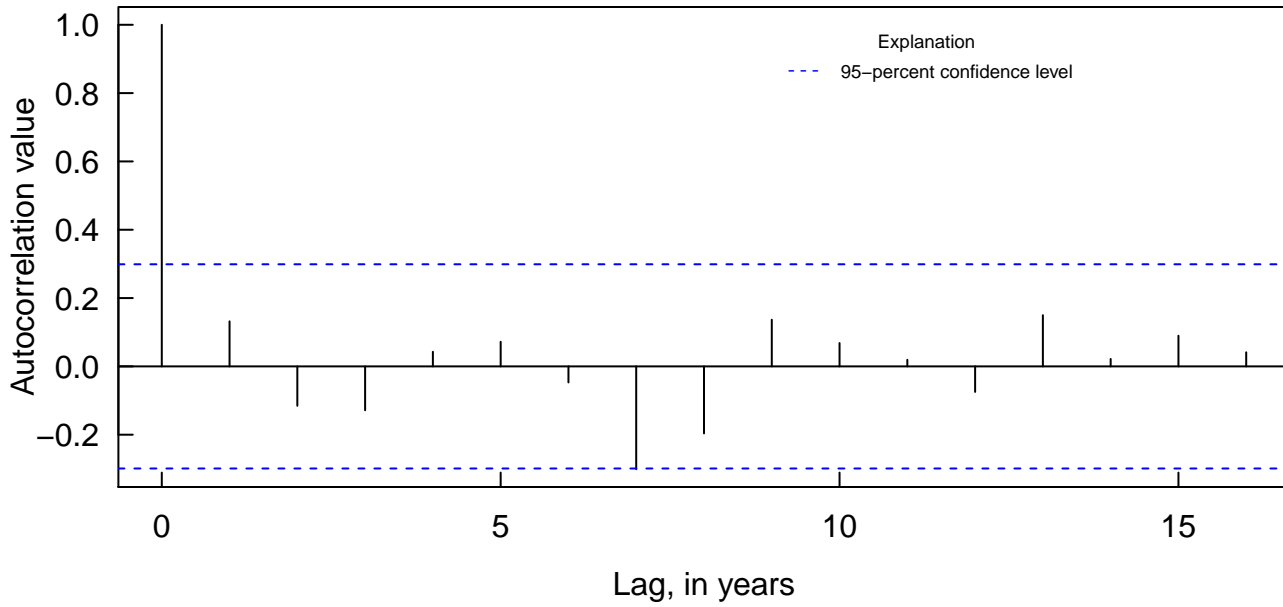


Figure 2.14. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76I



B

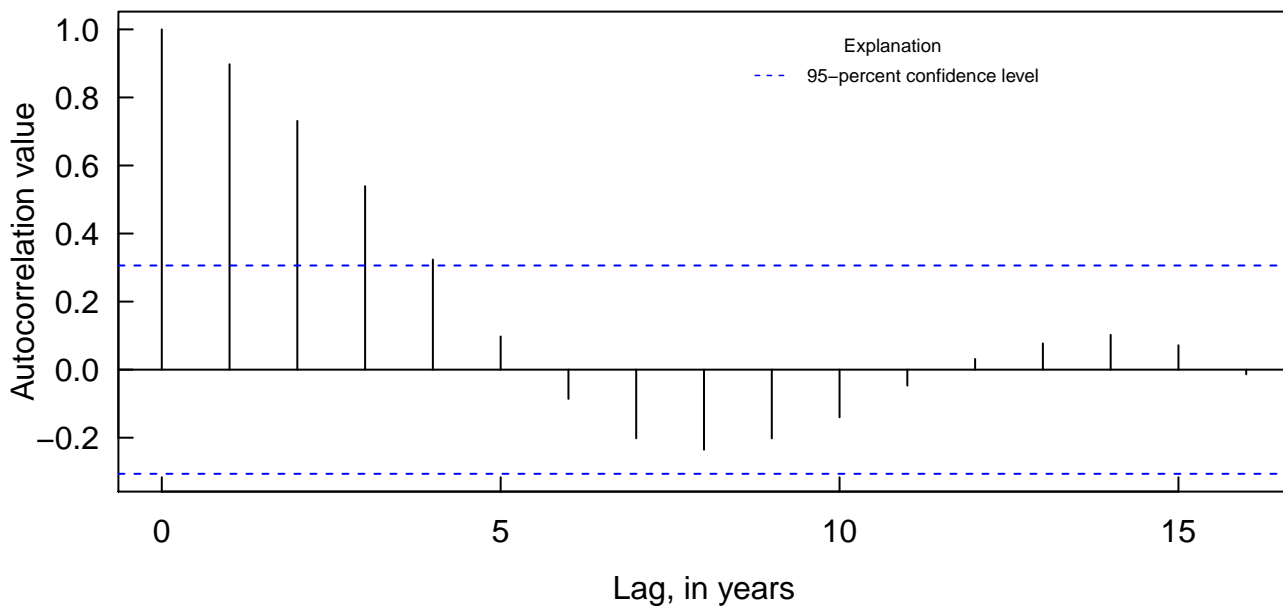
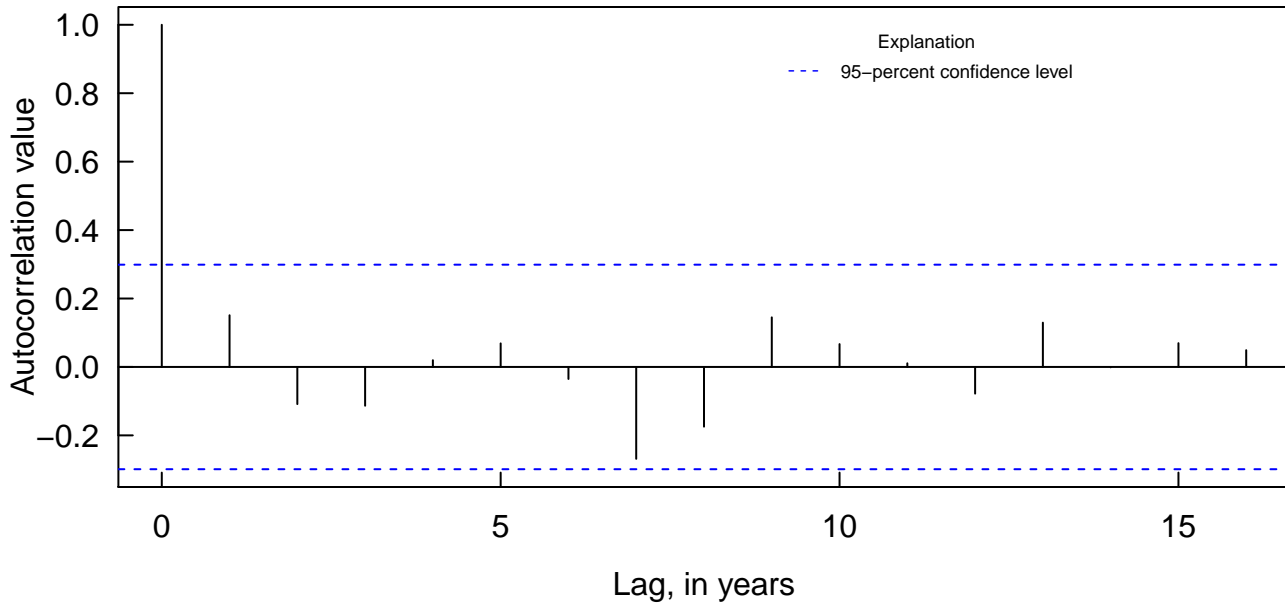


Figure 2.15. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-76J



B

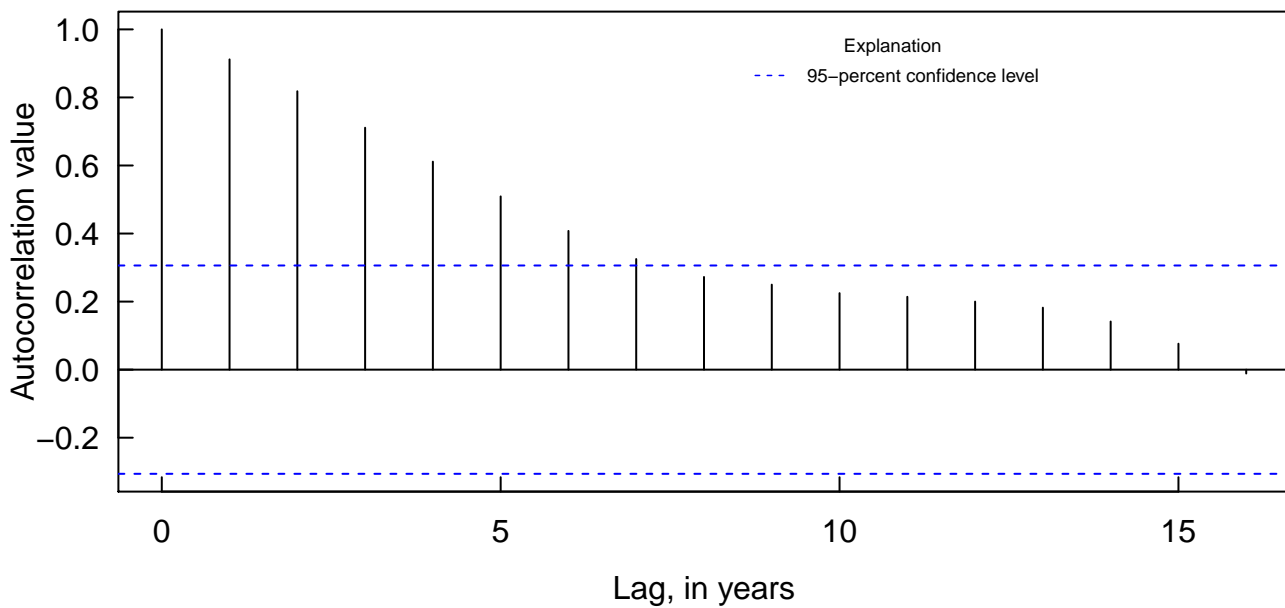
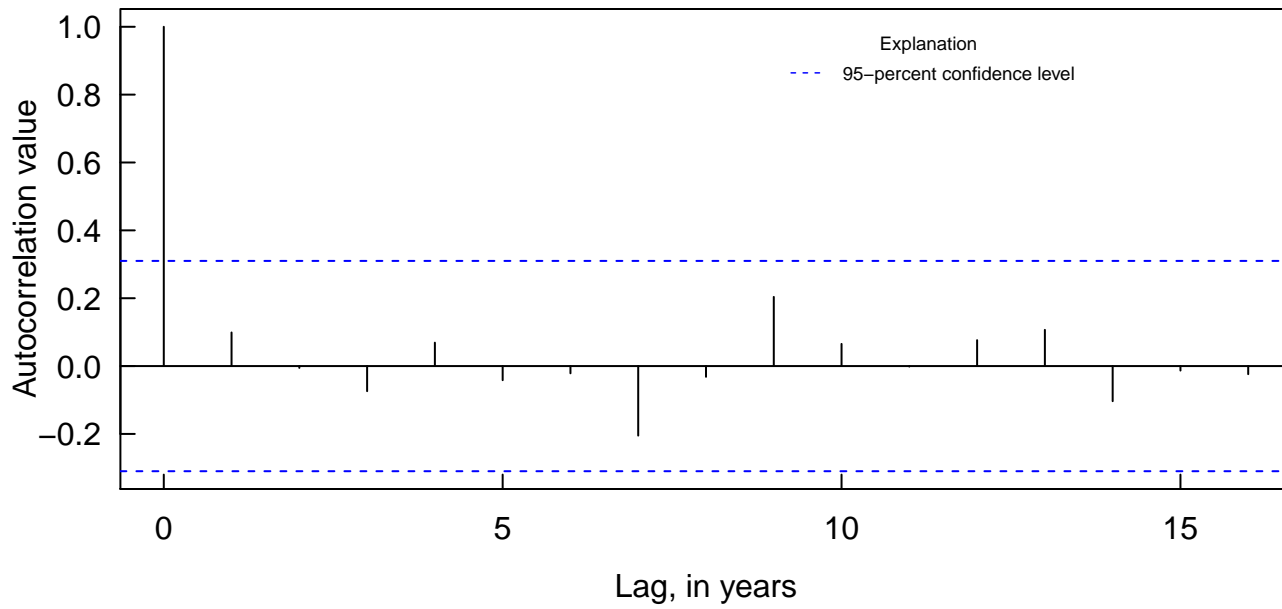


Figure 2.16. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-79A



B

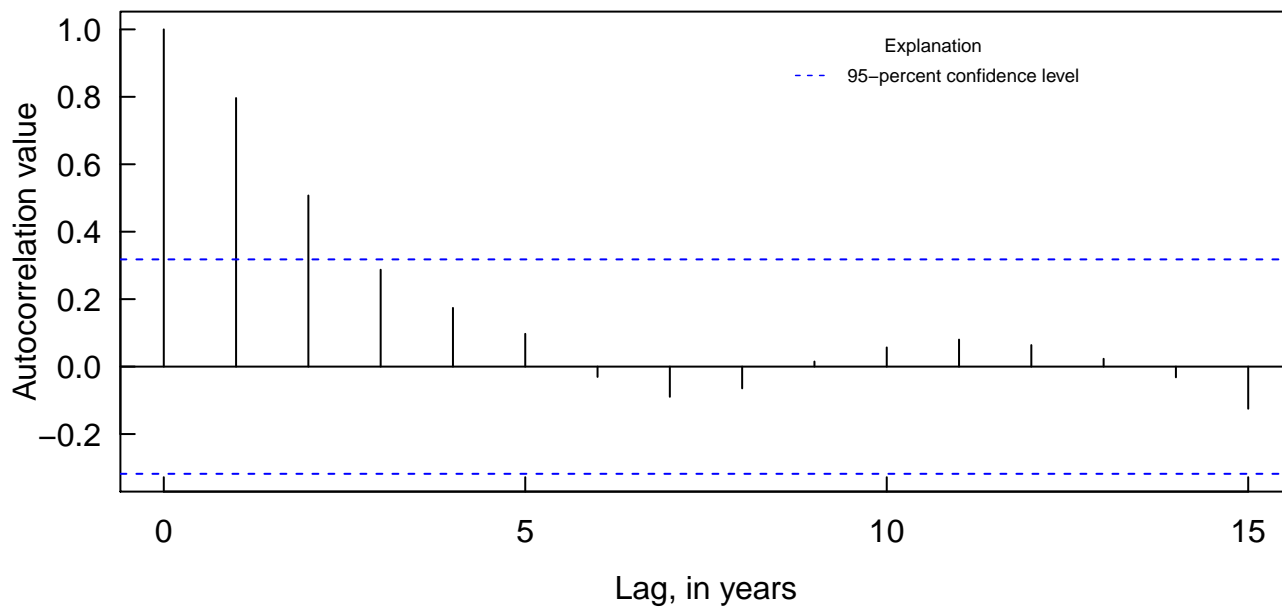
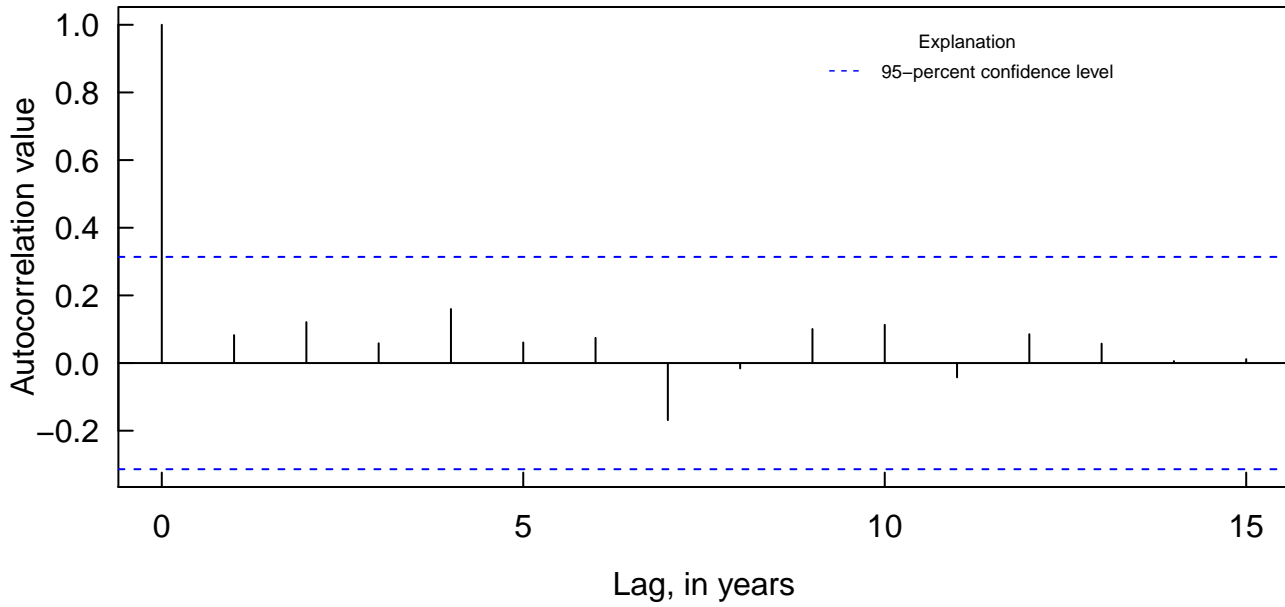


Figure 2.17. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-79B



B

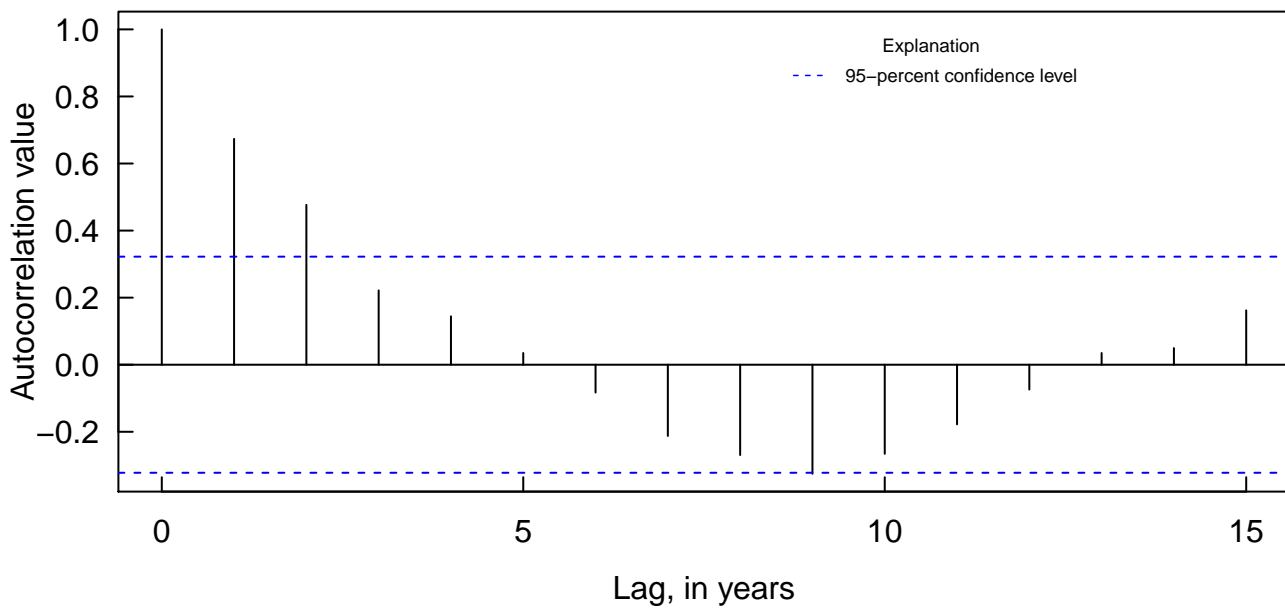
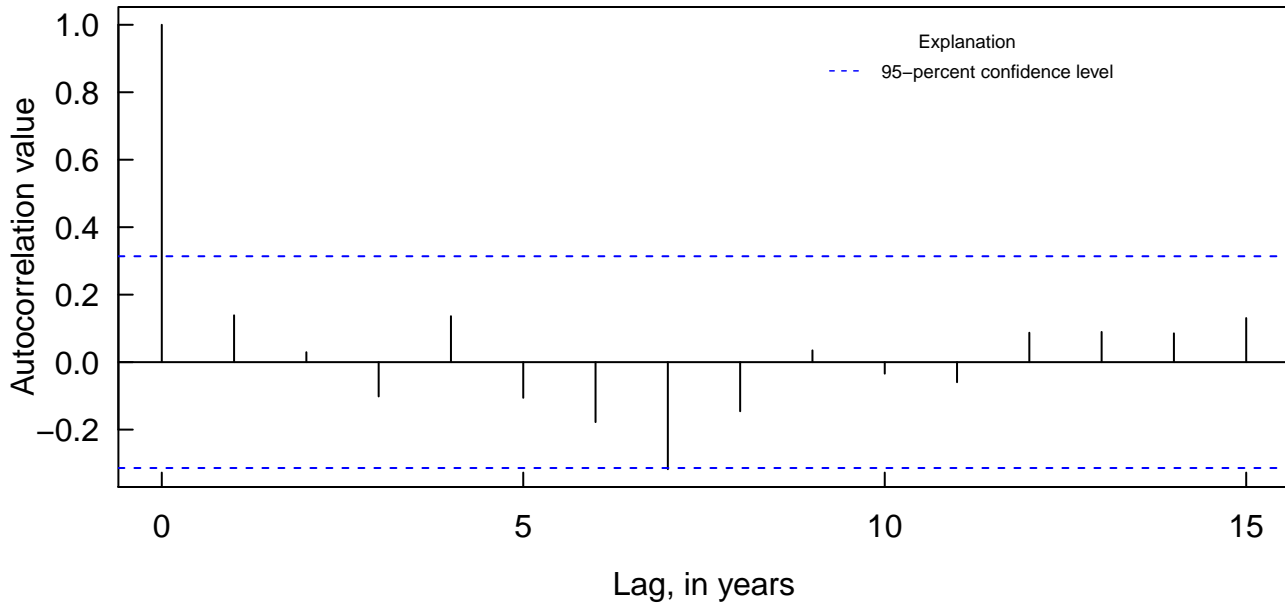


Figure 2.18. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-79D



B

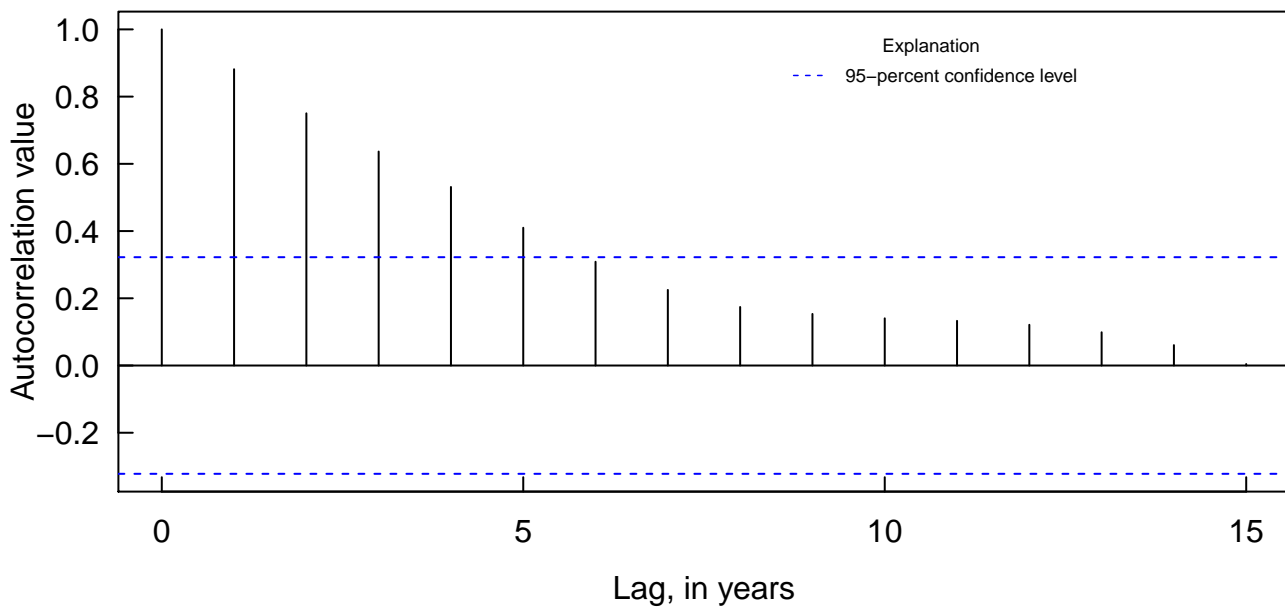
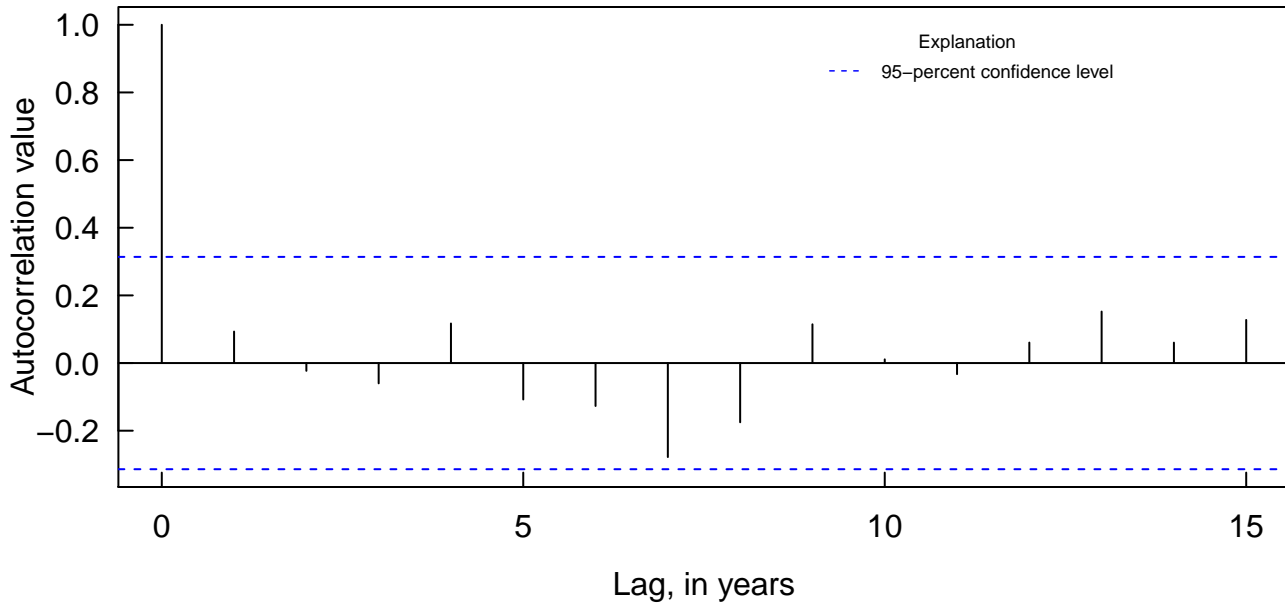


Figure 2.19. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-80A



B

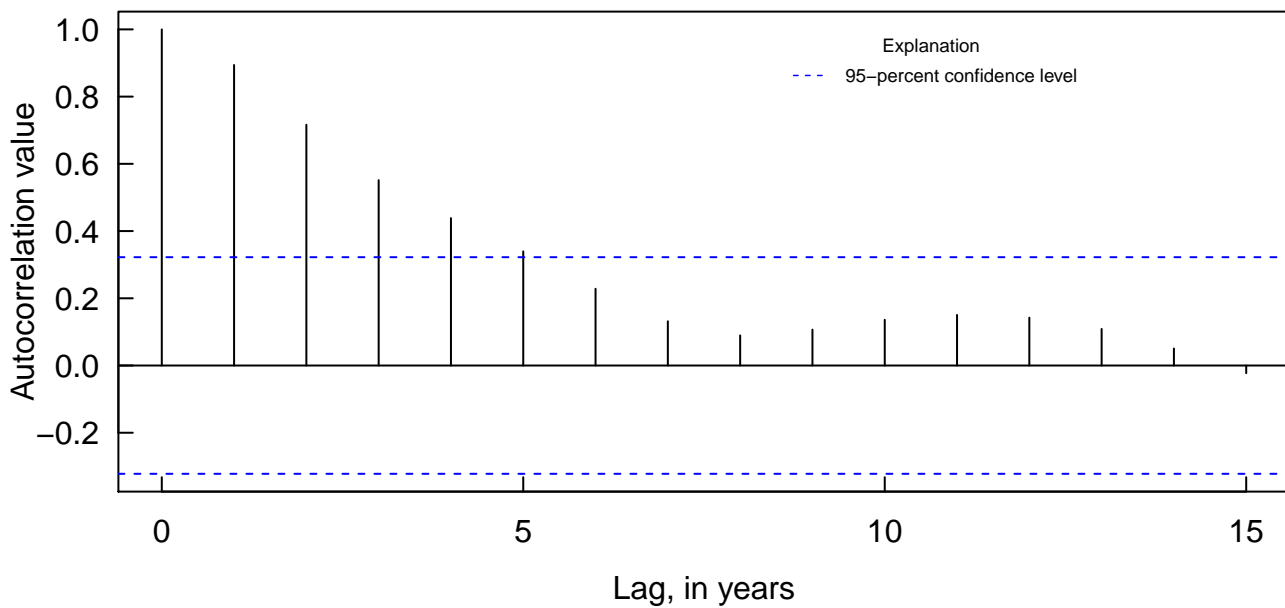
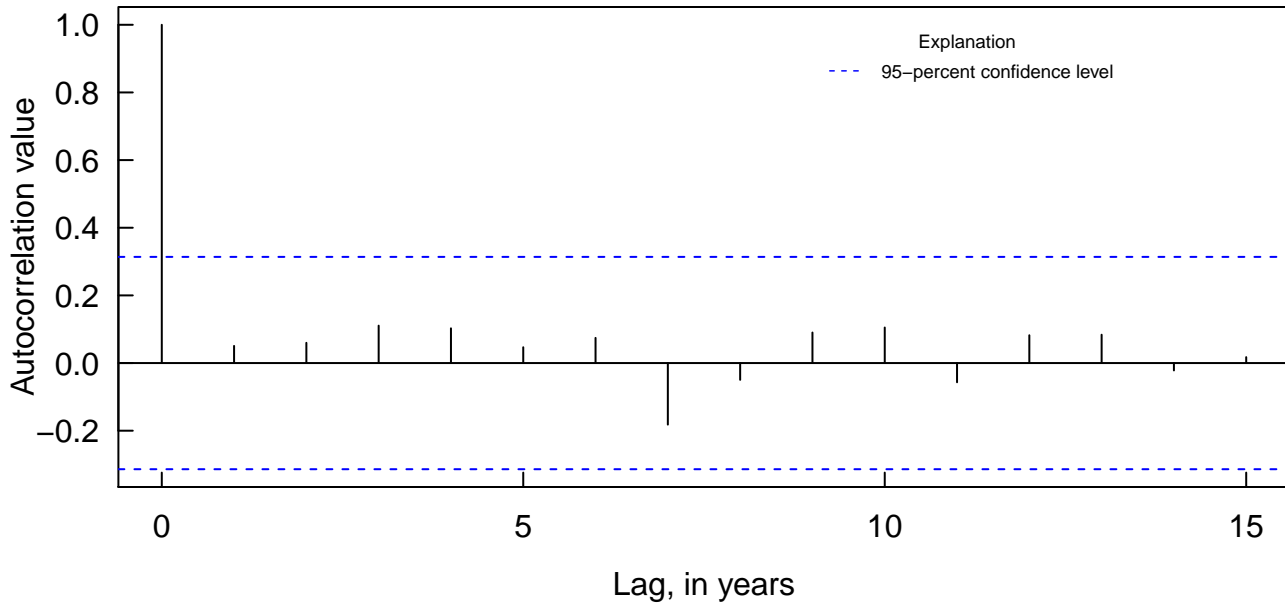


Figure 2.20. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-80B



B

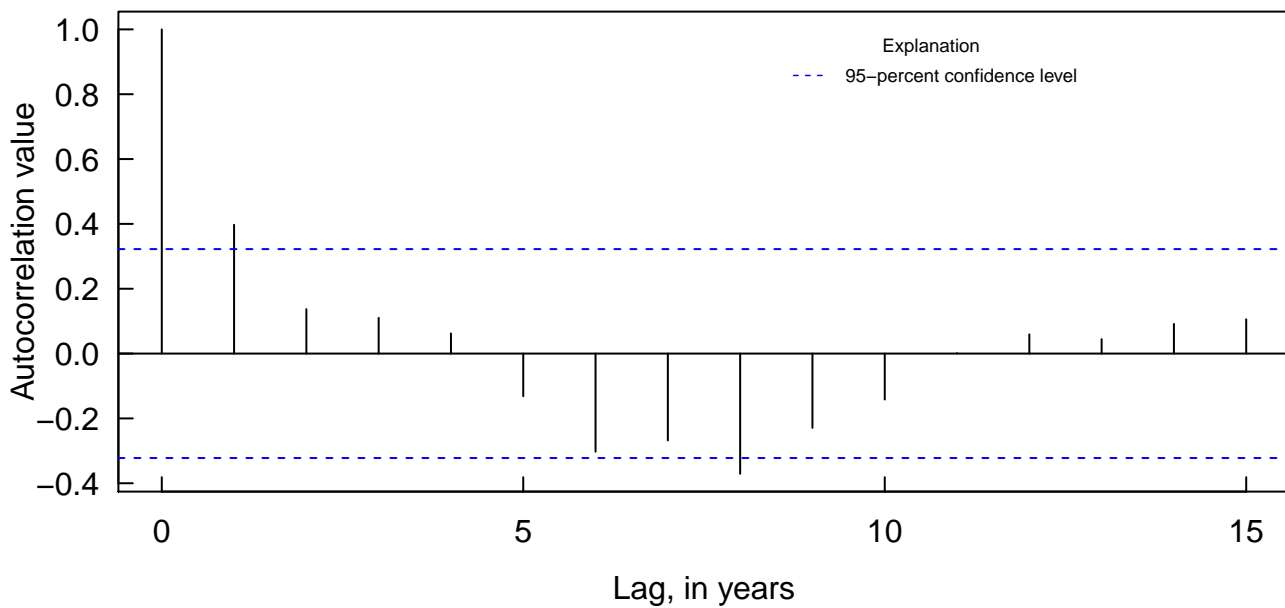
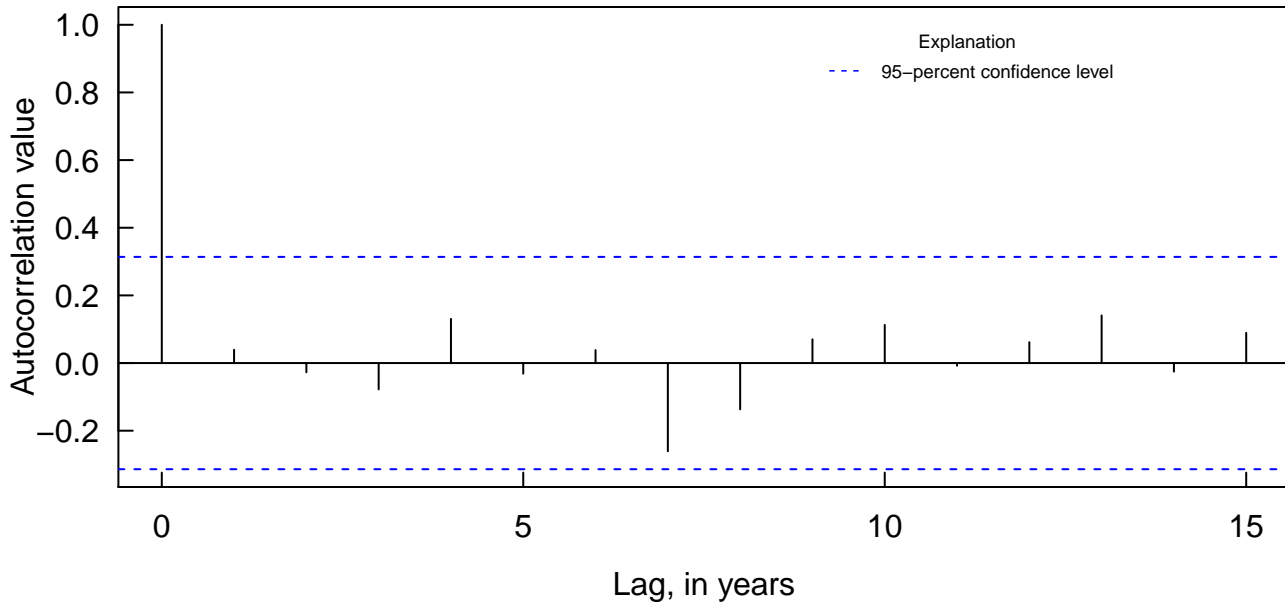


Figure 2.21. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-80C



B

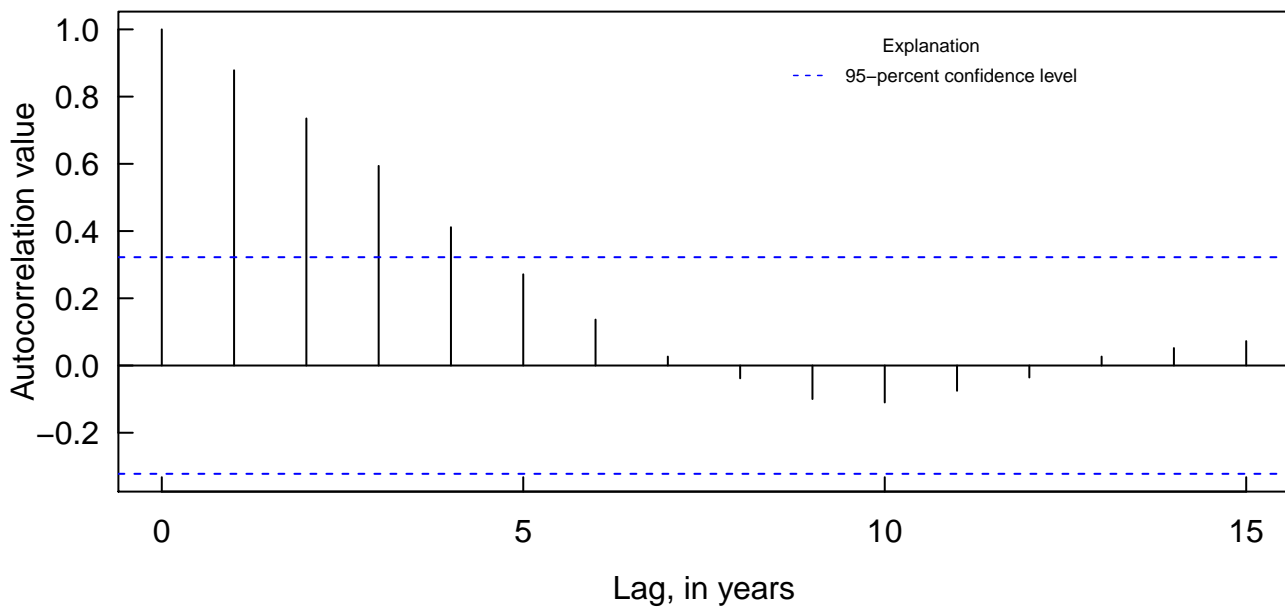
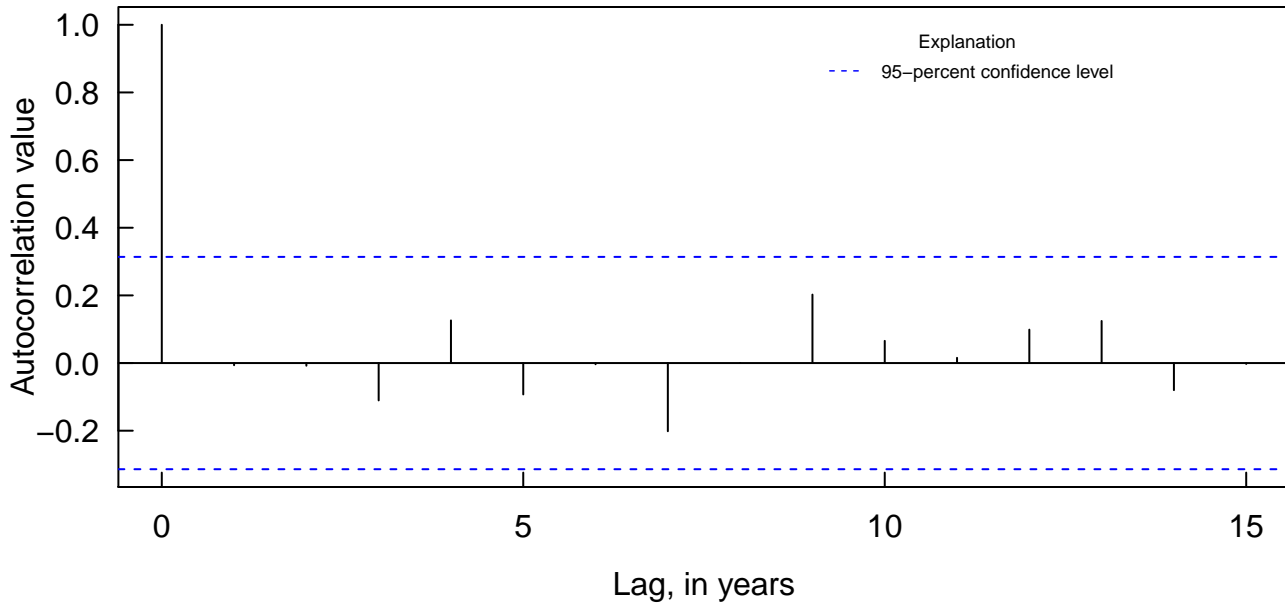


Figure 2.22. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-80D



B

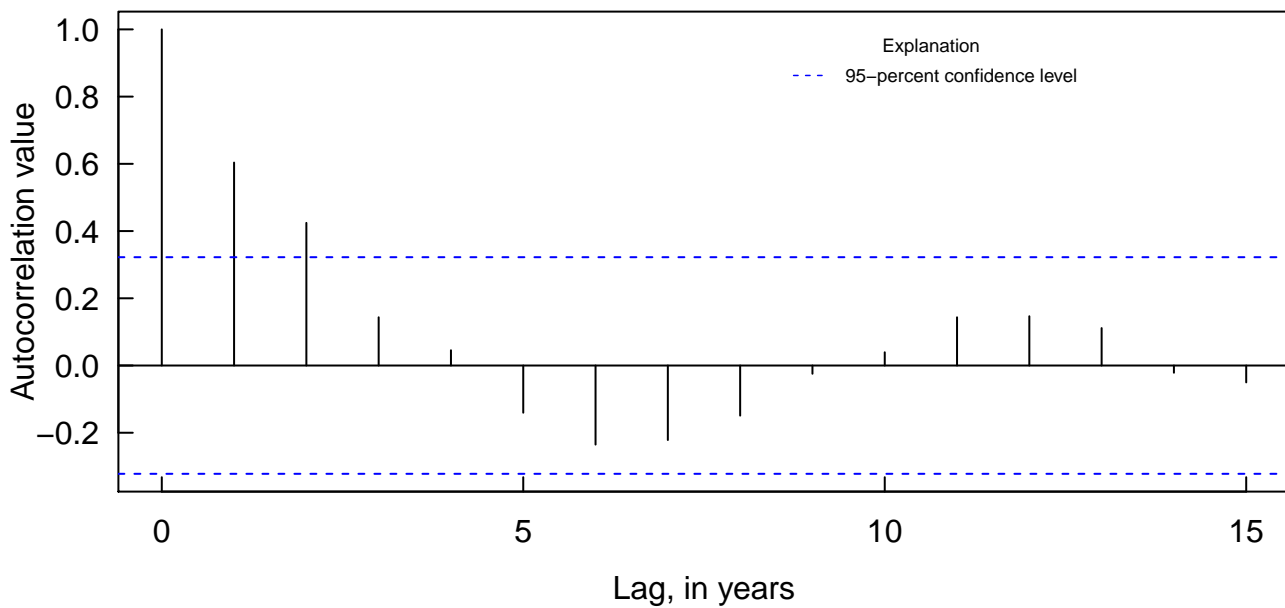
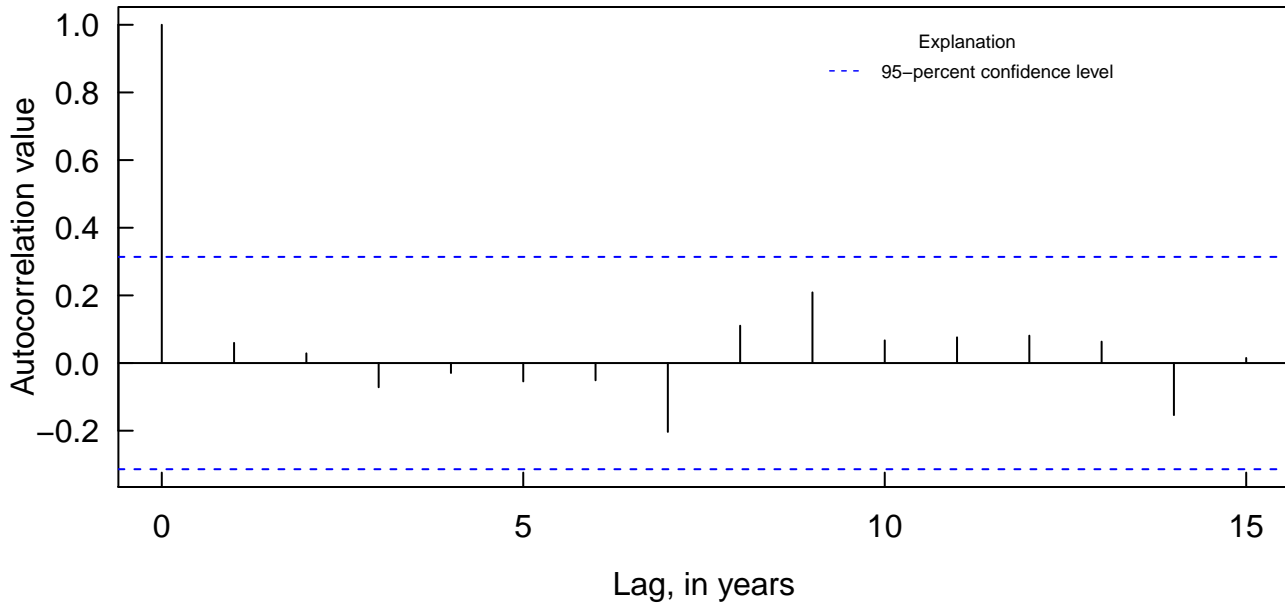


Figure 2.23. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-80E



B

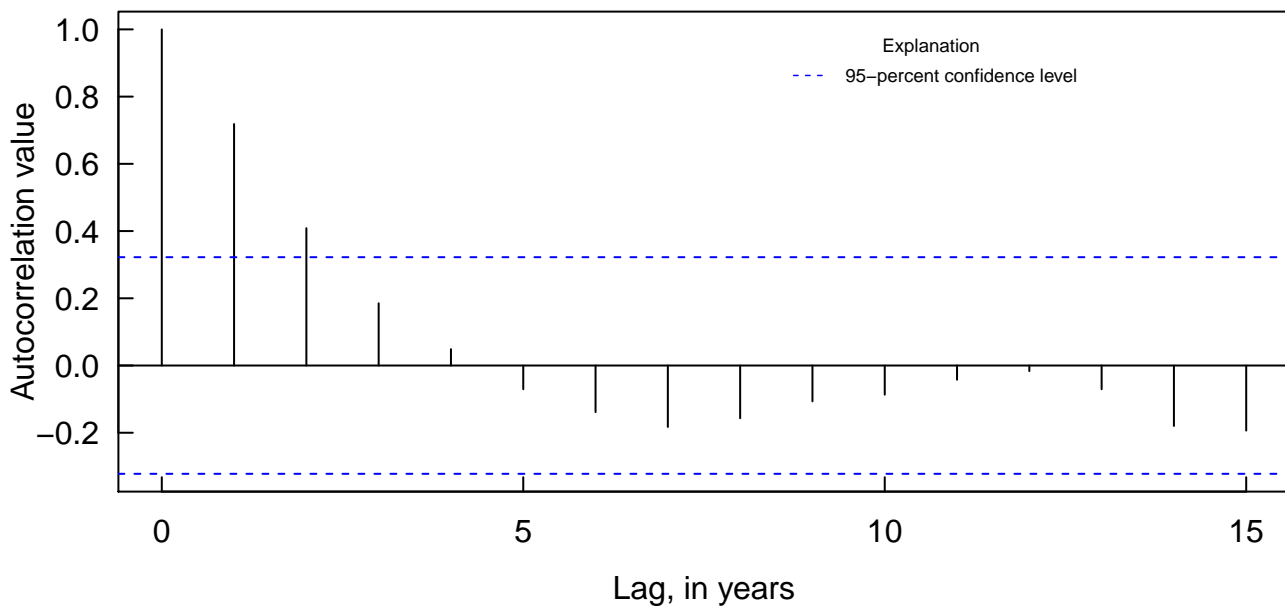
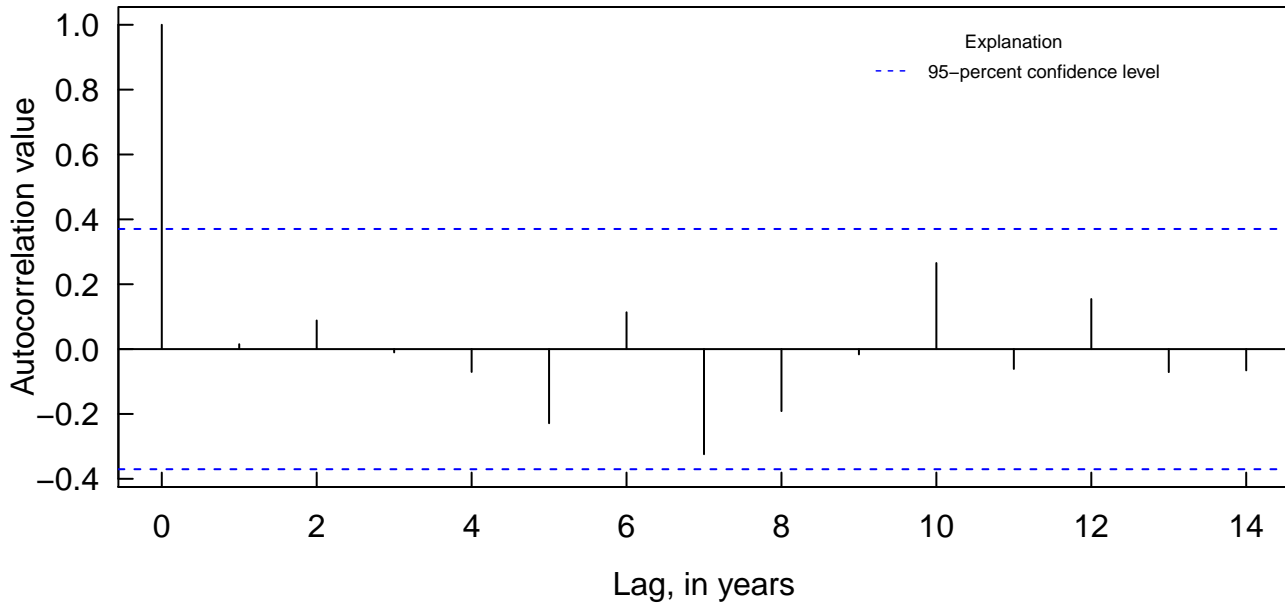


Figure 2.24. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-90A



B

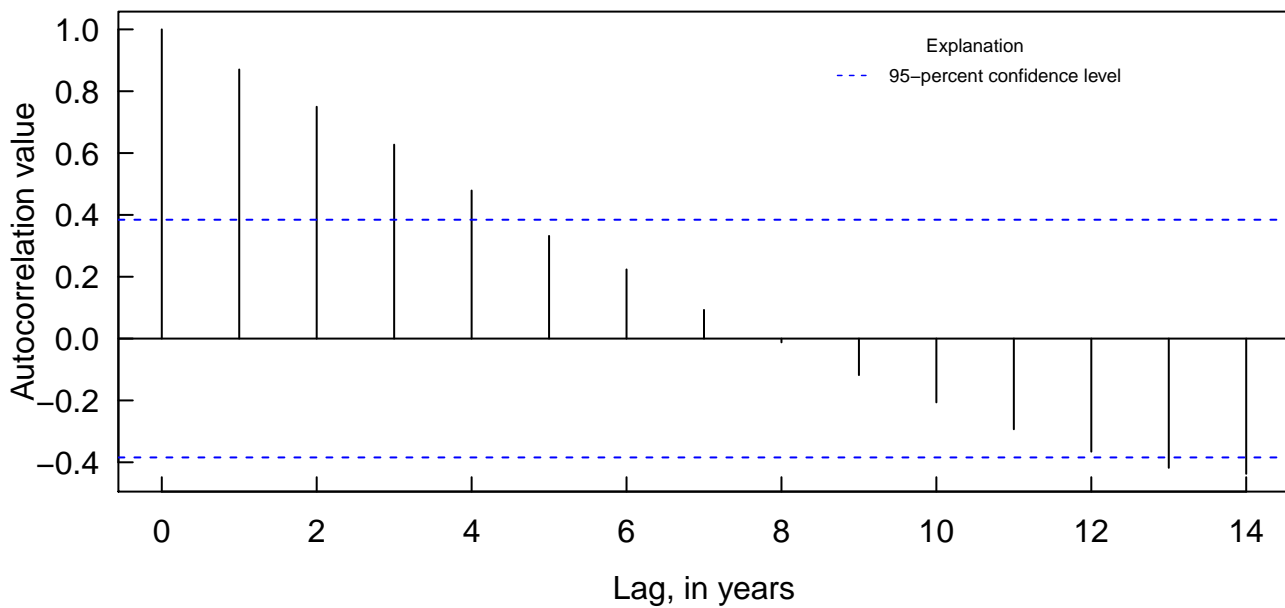
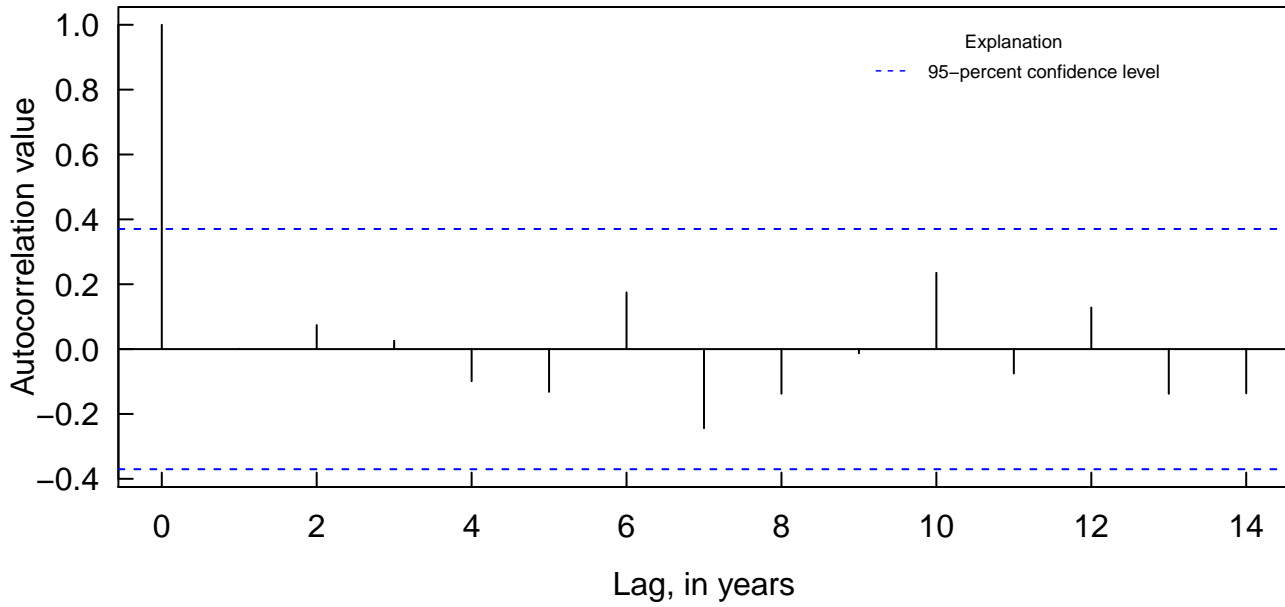


Figure 2.25. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-90B



B

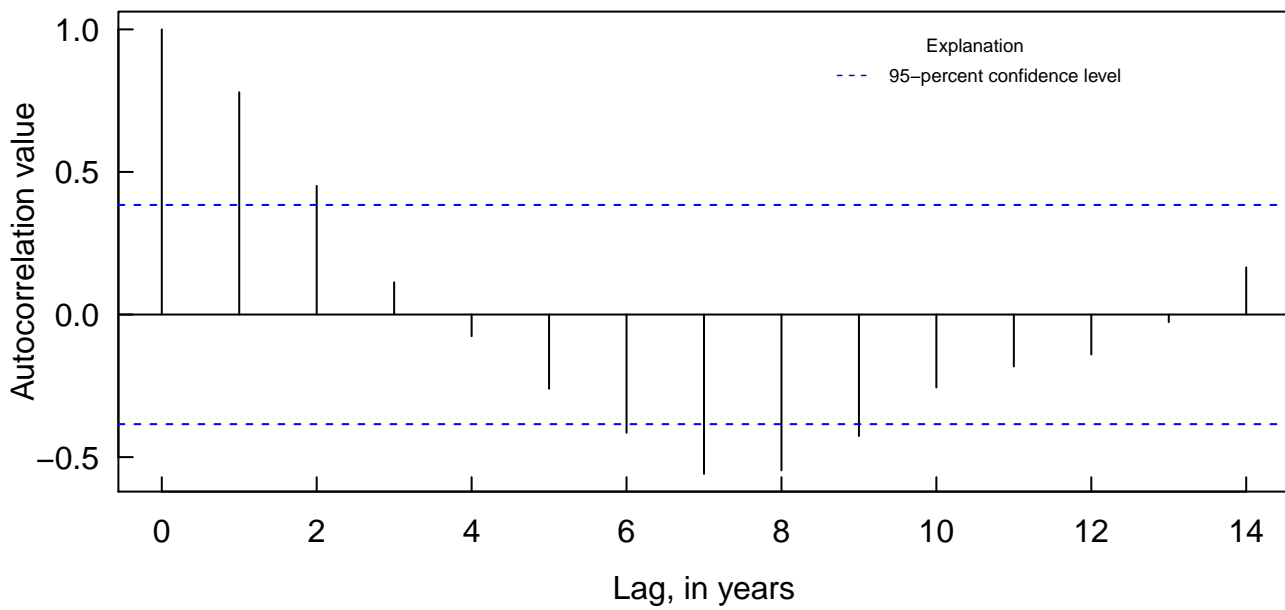
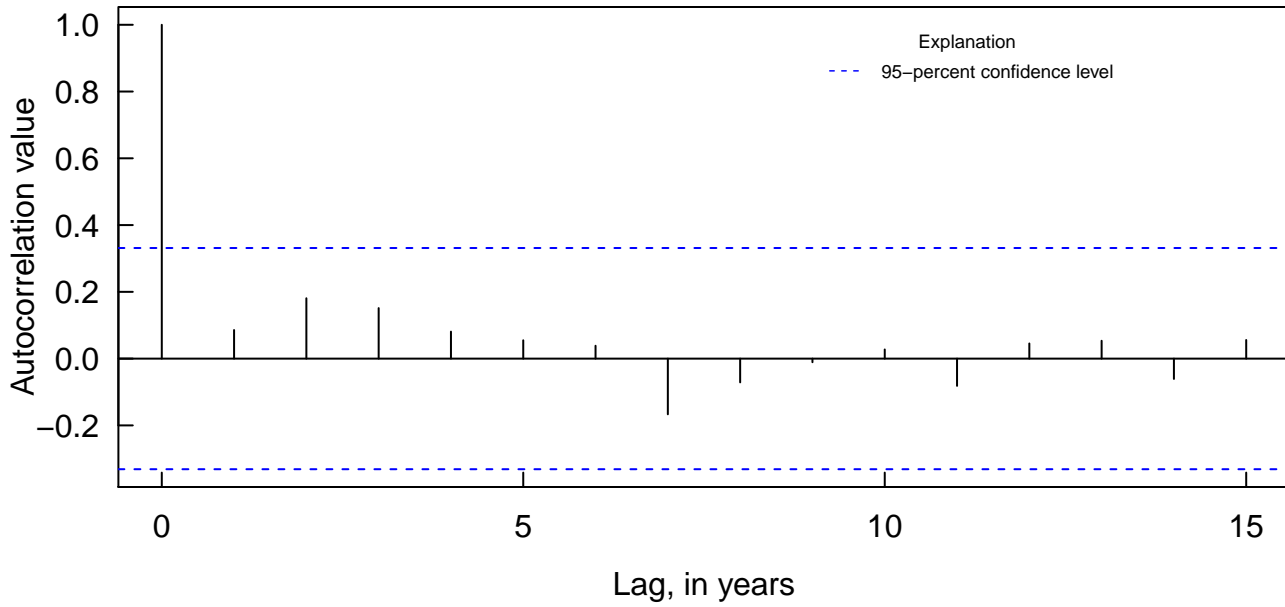


Figure 2.26. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-#05



B

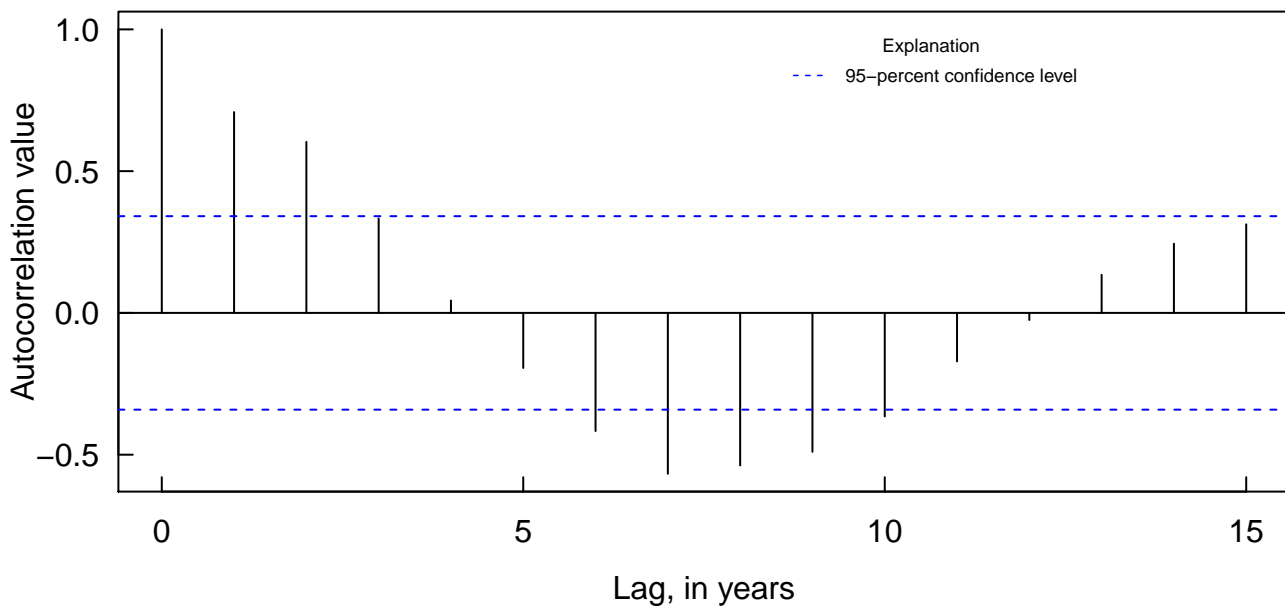
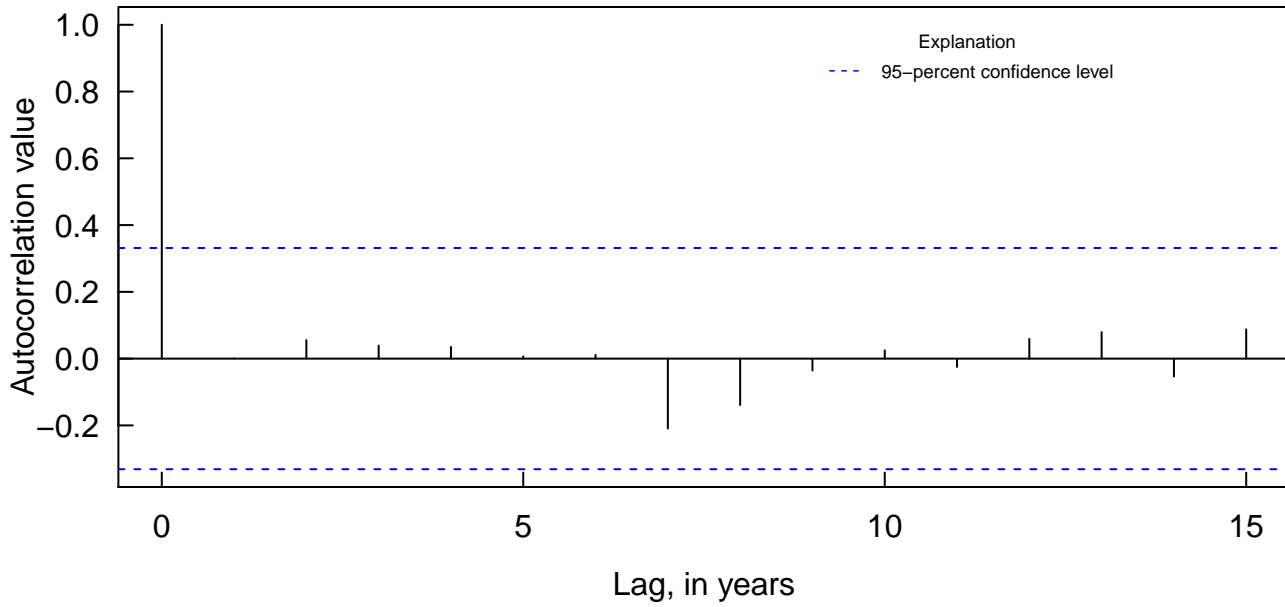


Figure 2.27. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-#08



B

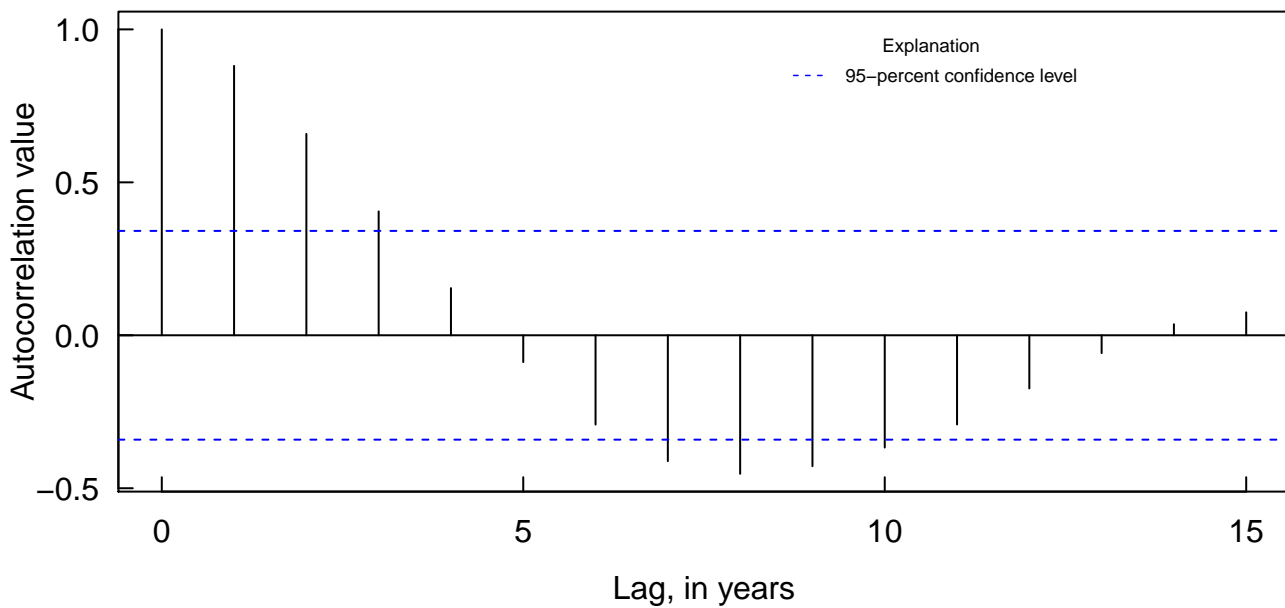
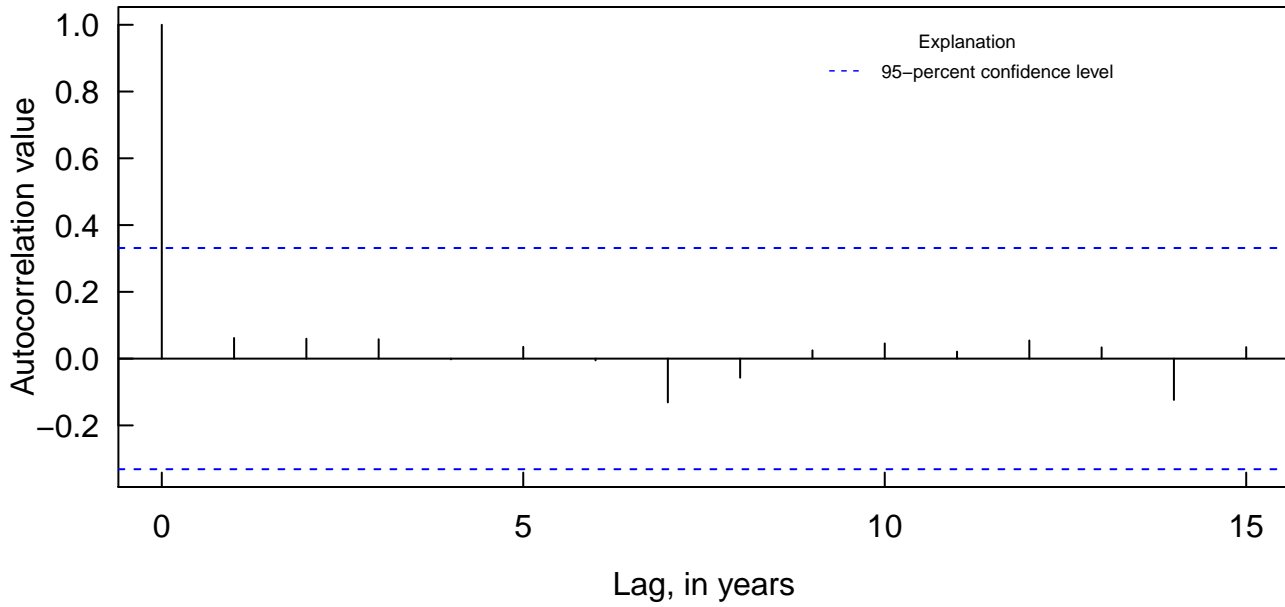


Figure 2.28. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TD-#10



B

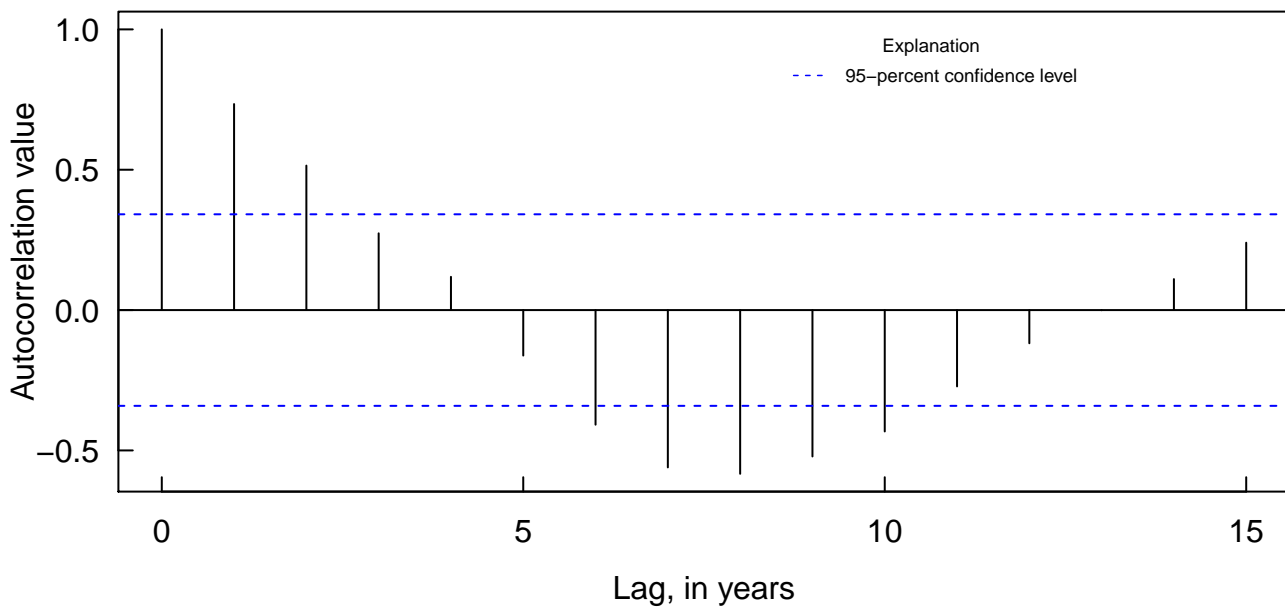
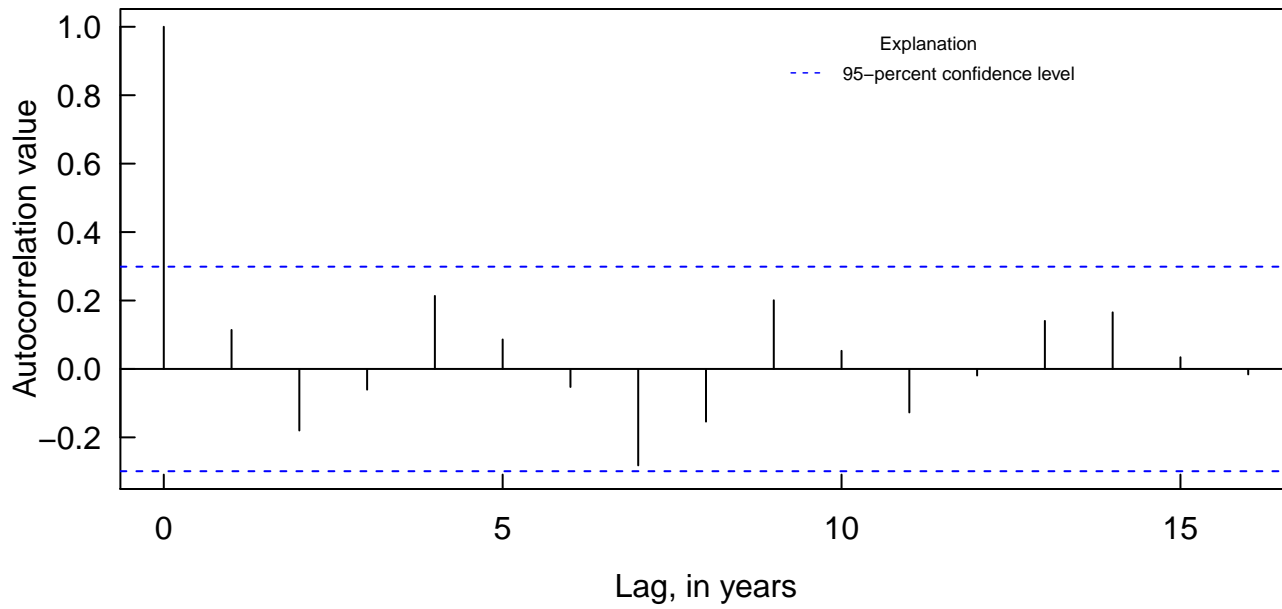


Figure 2.29. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well BT-76C



B

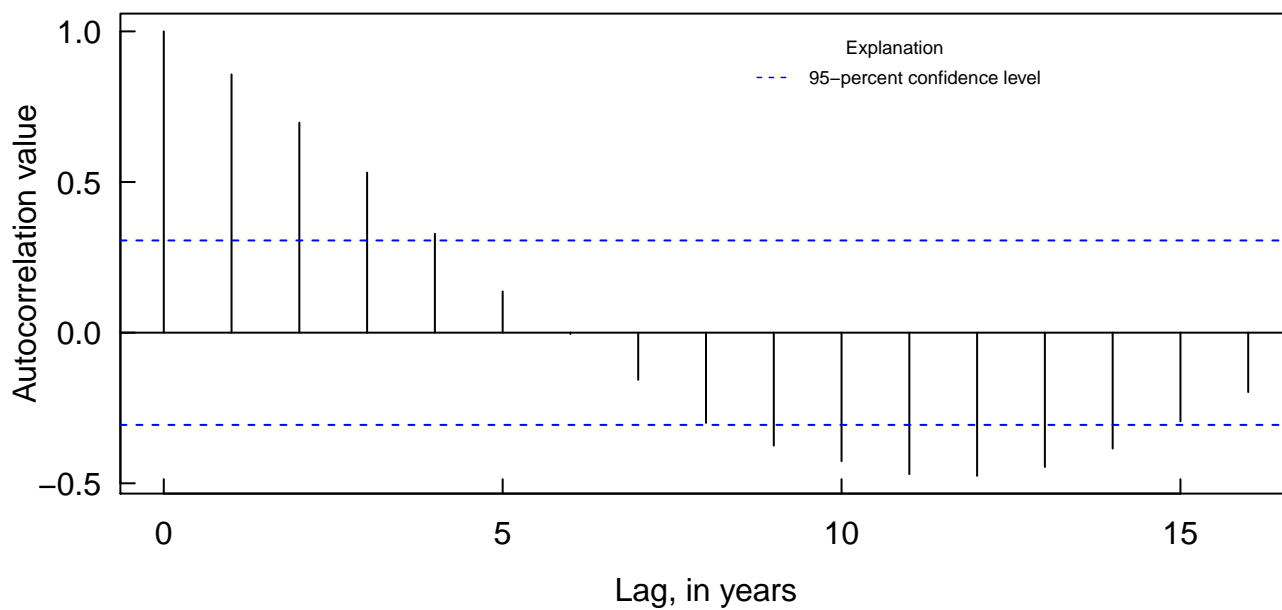
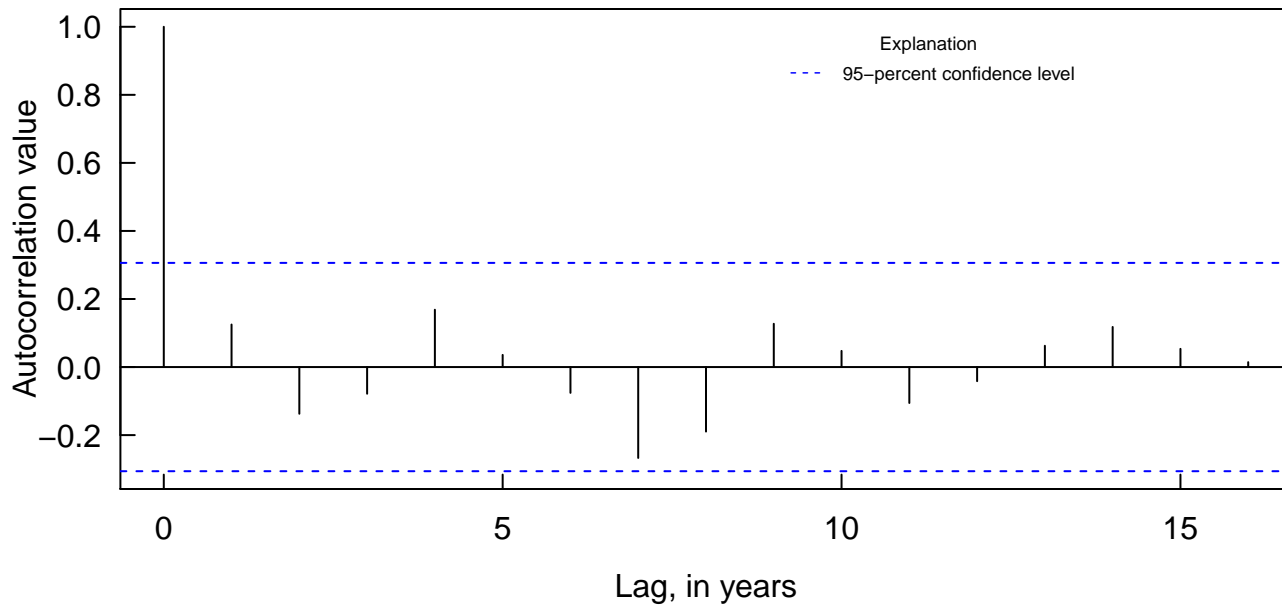


Figure 2.30. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well BT-78KR



B

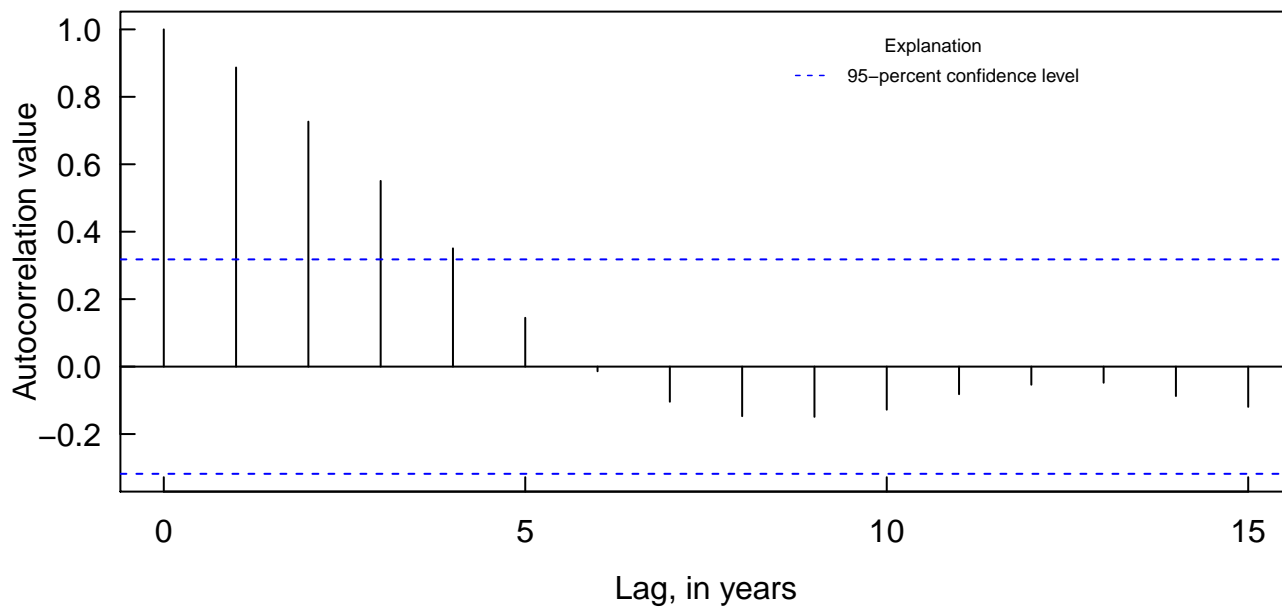
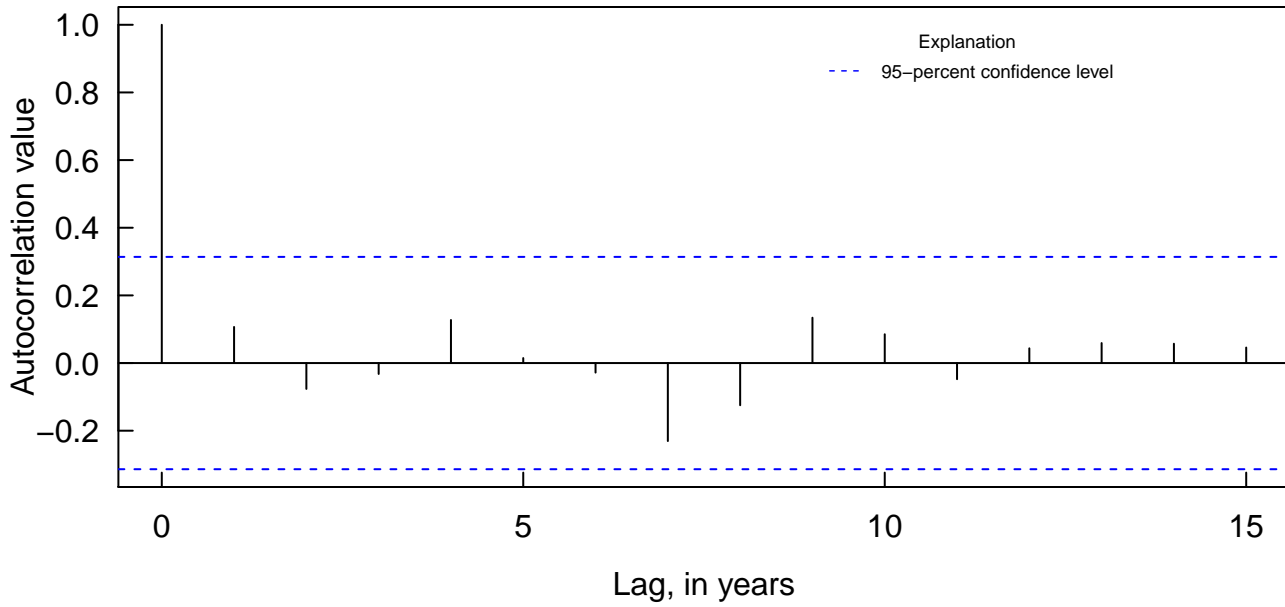


Figure 2.31. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well BT-80E



B

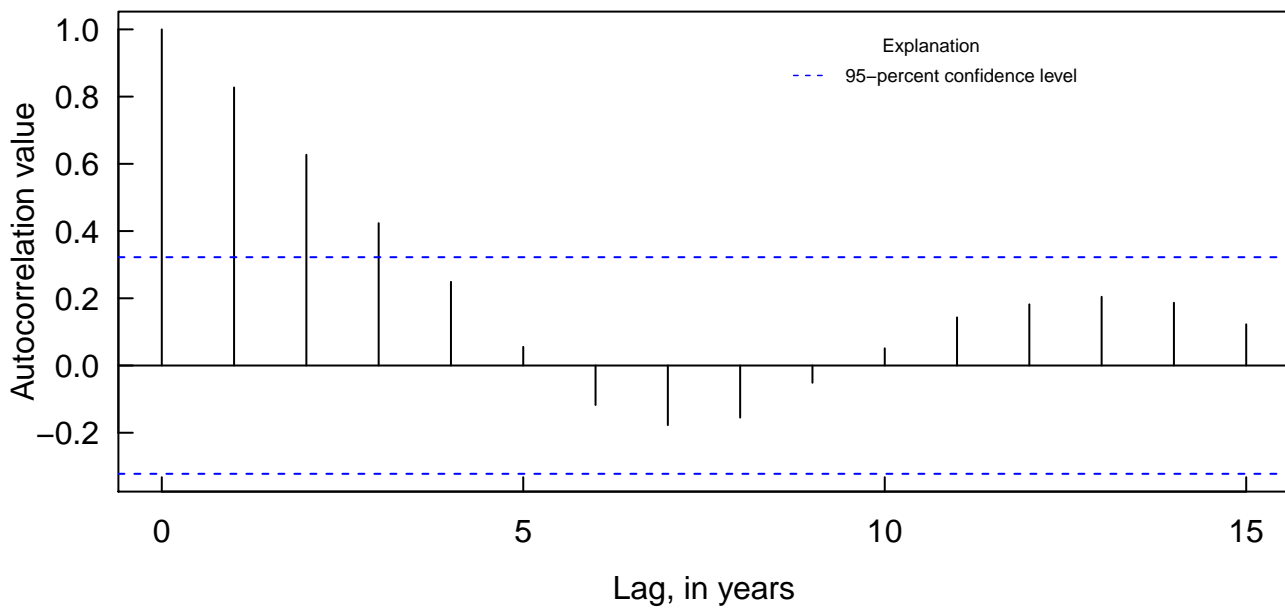
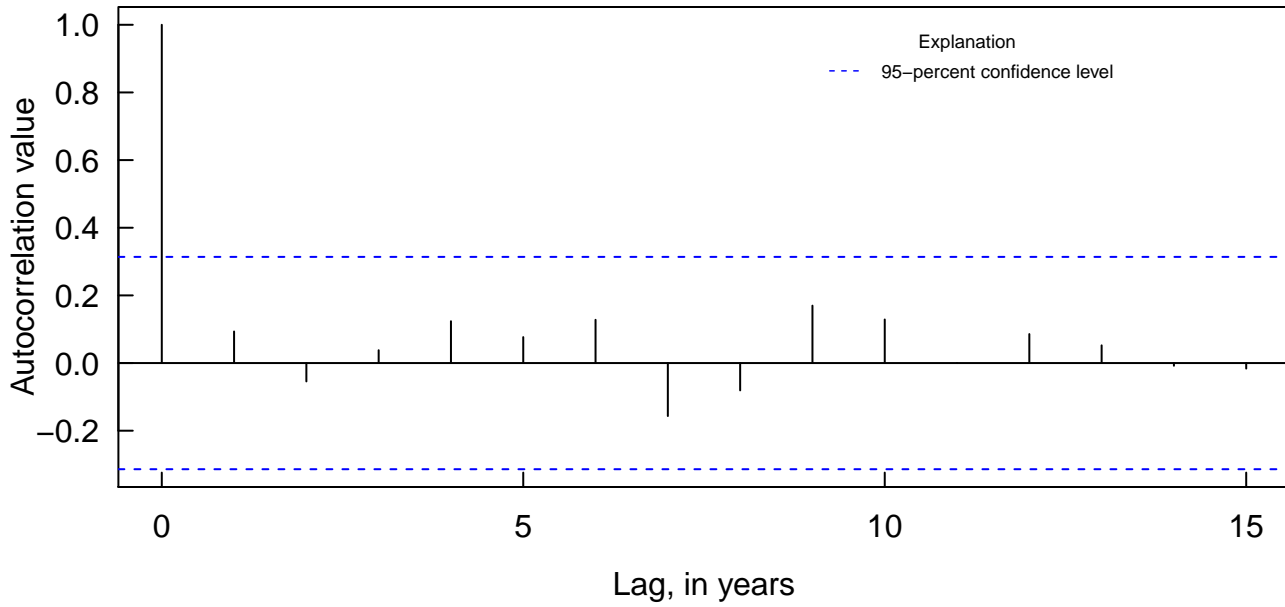


Figure 2.32. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well BT-80F



B

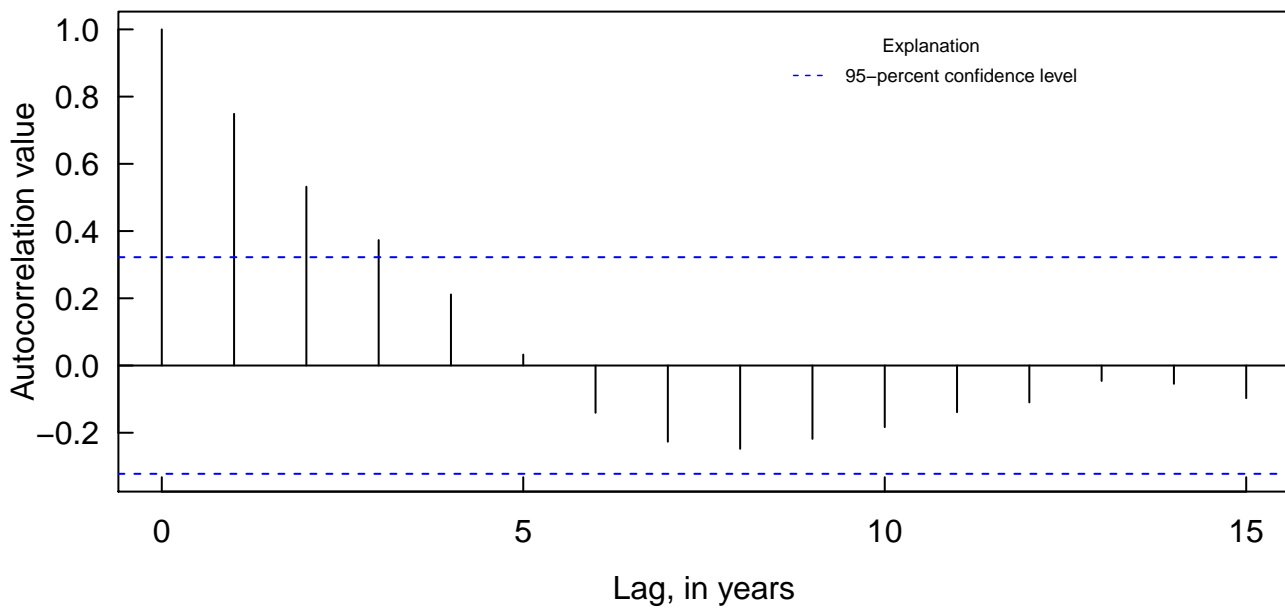
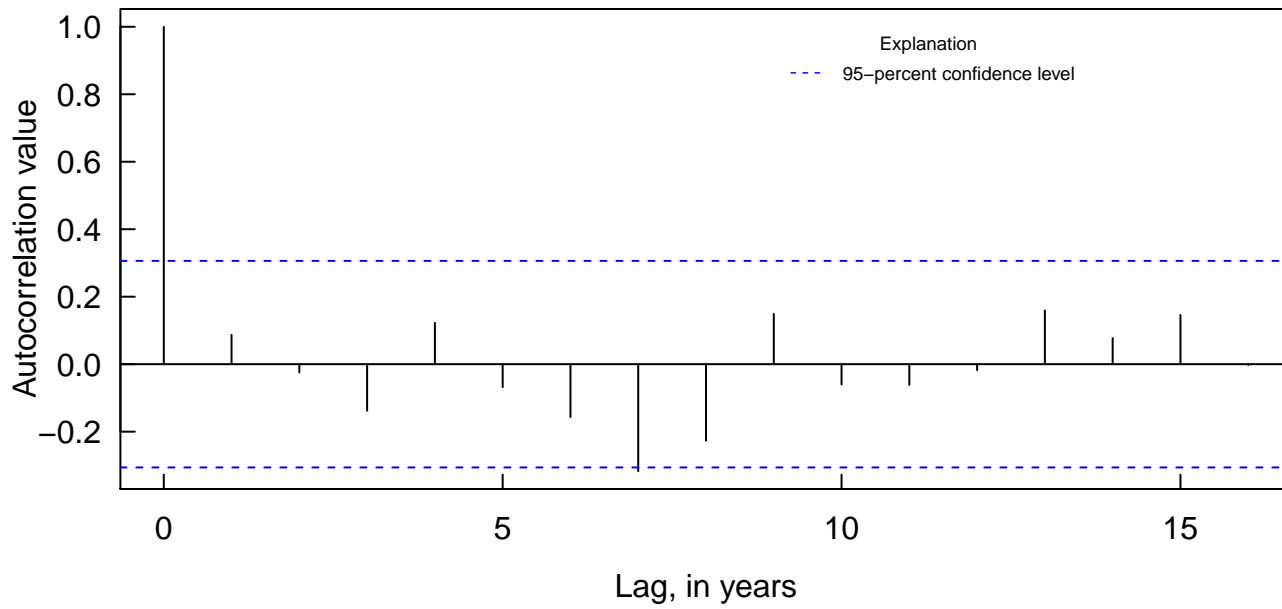


Figure 2.33. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well MT-78A



B

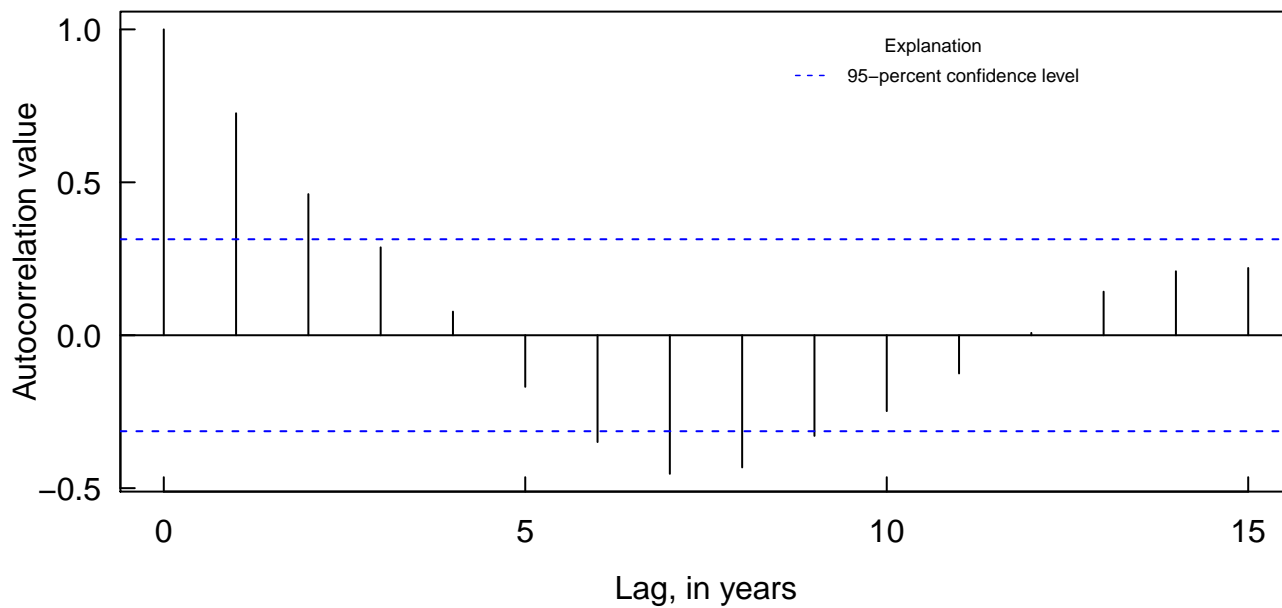
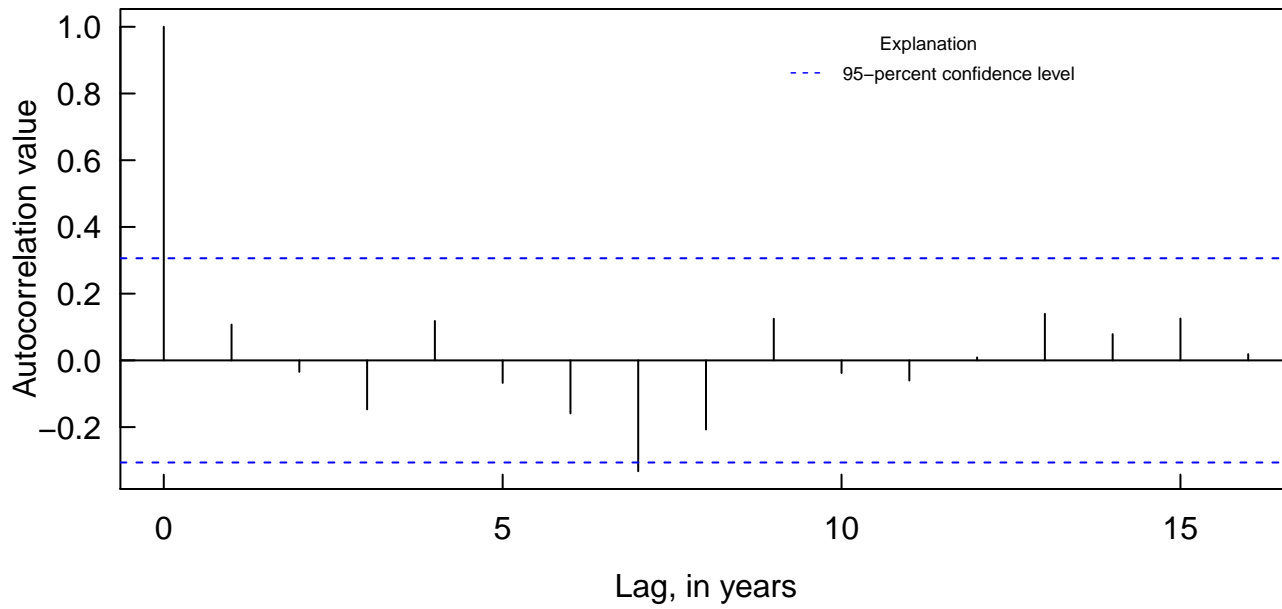


Figure 2.34. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well MT-78B



B

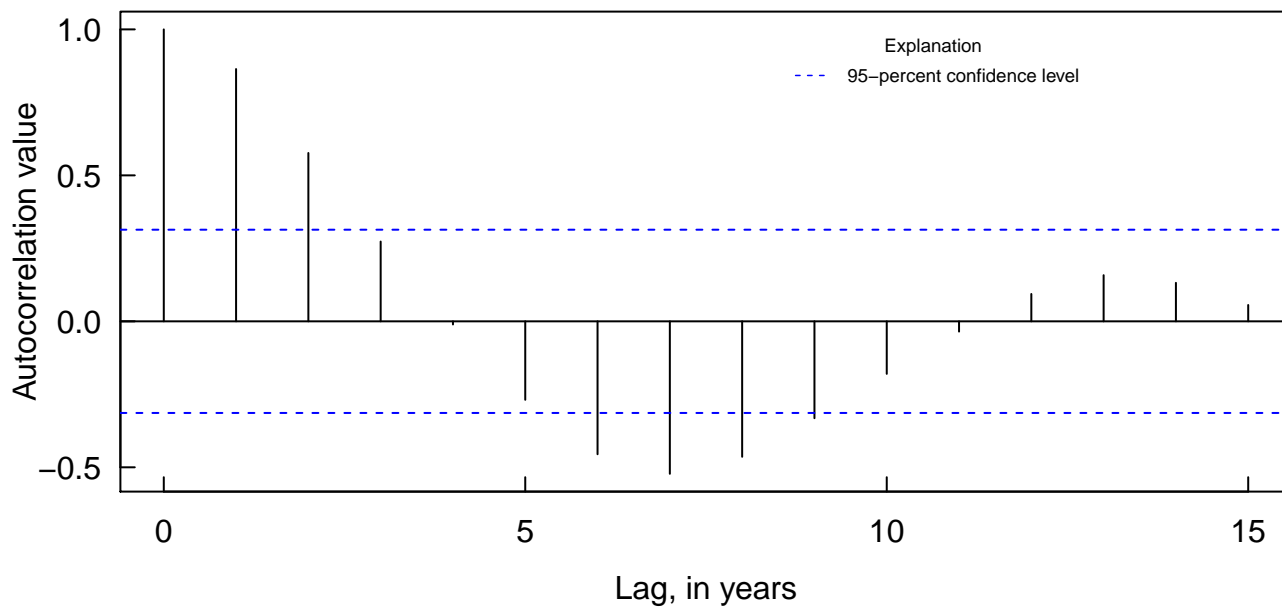
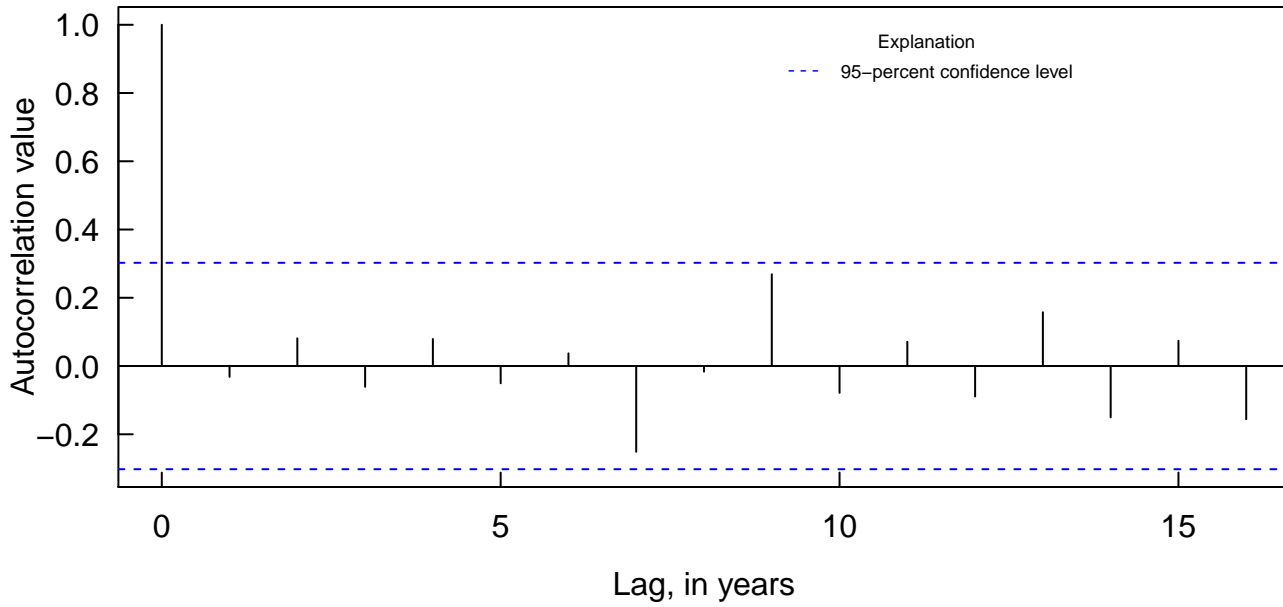


Figure 2.35. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TR-78E



B

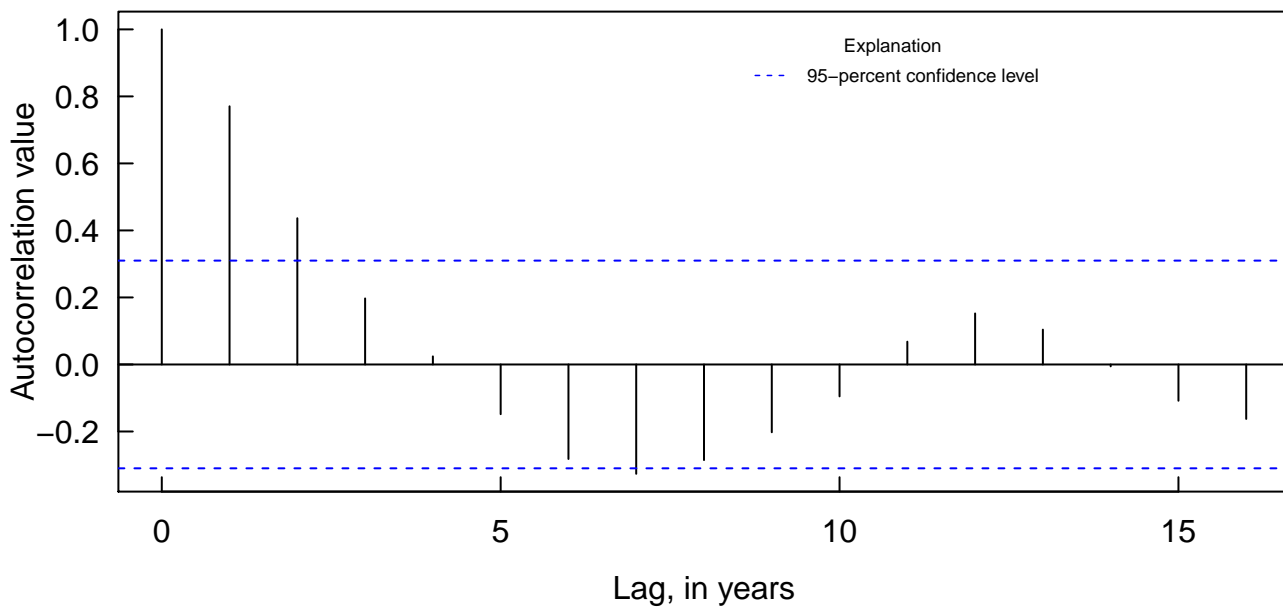
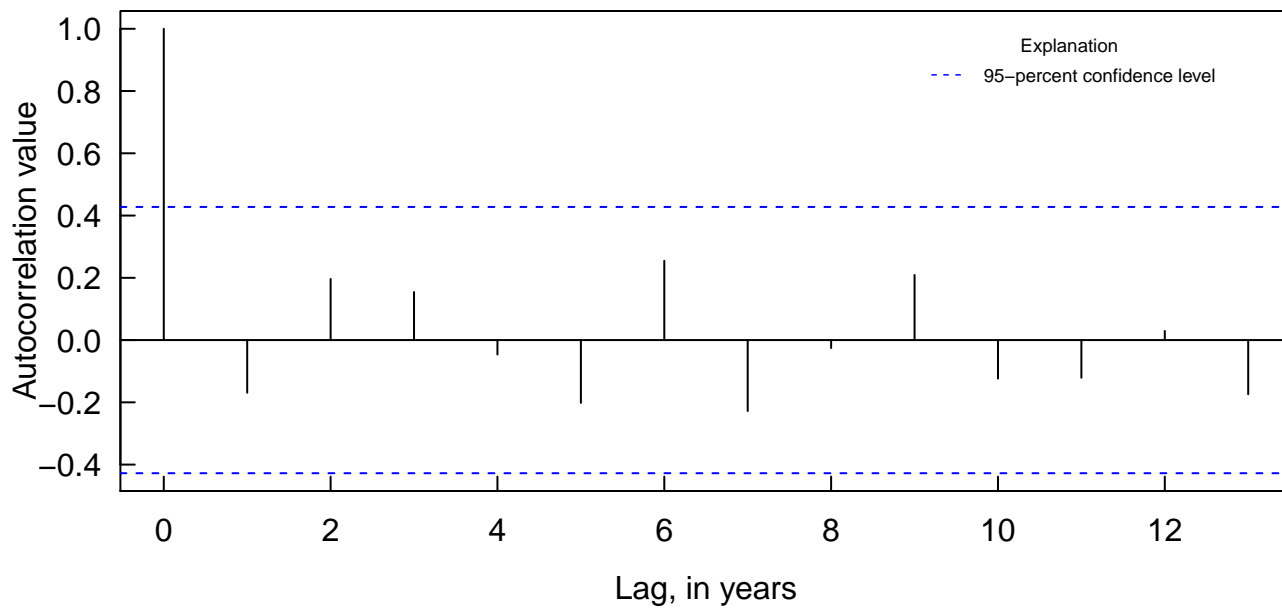


Figure 2.36. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well TR-99A



B

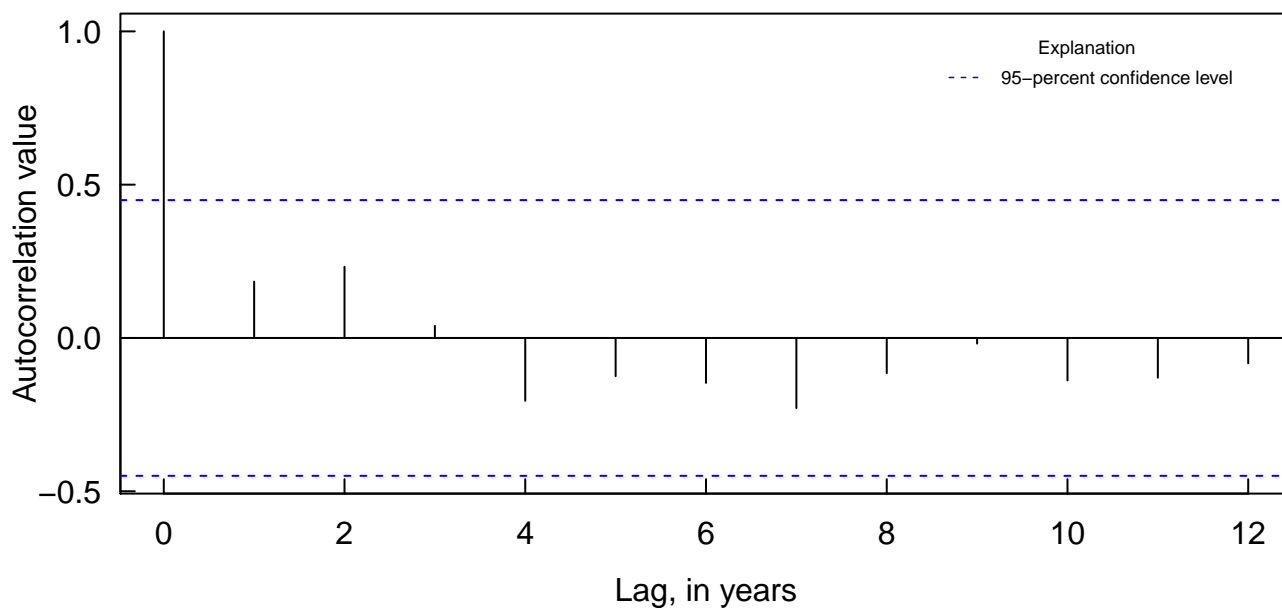
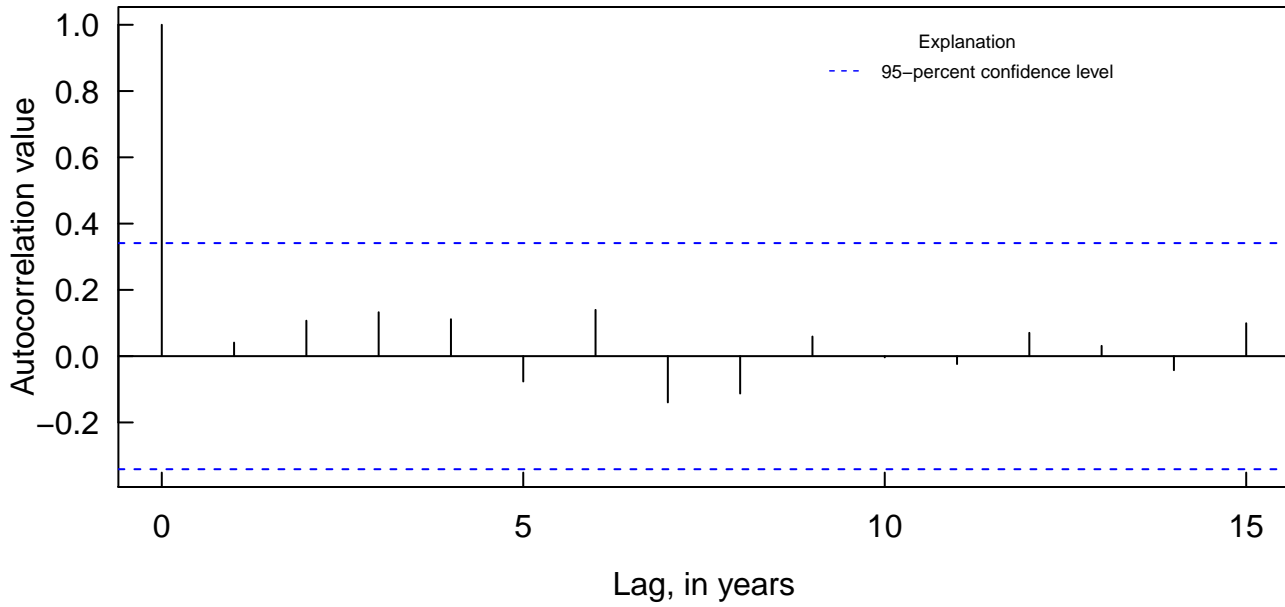


Figure 2.37. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 1



B

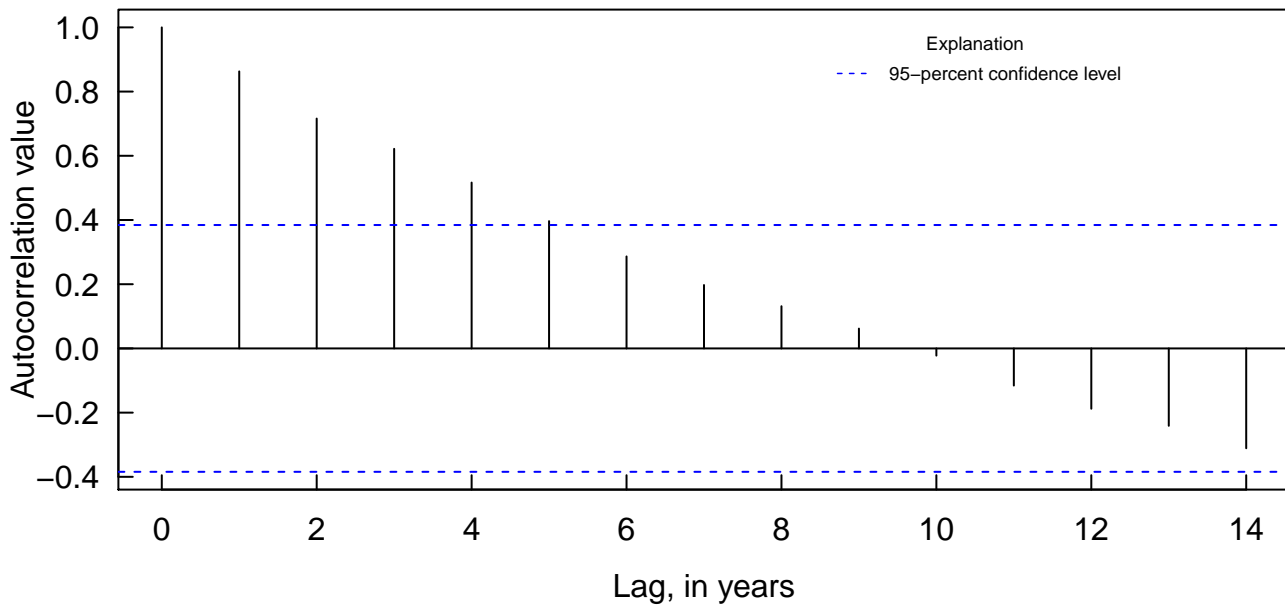
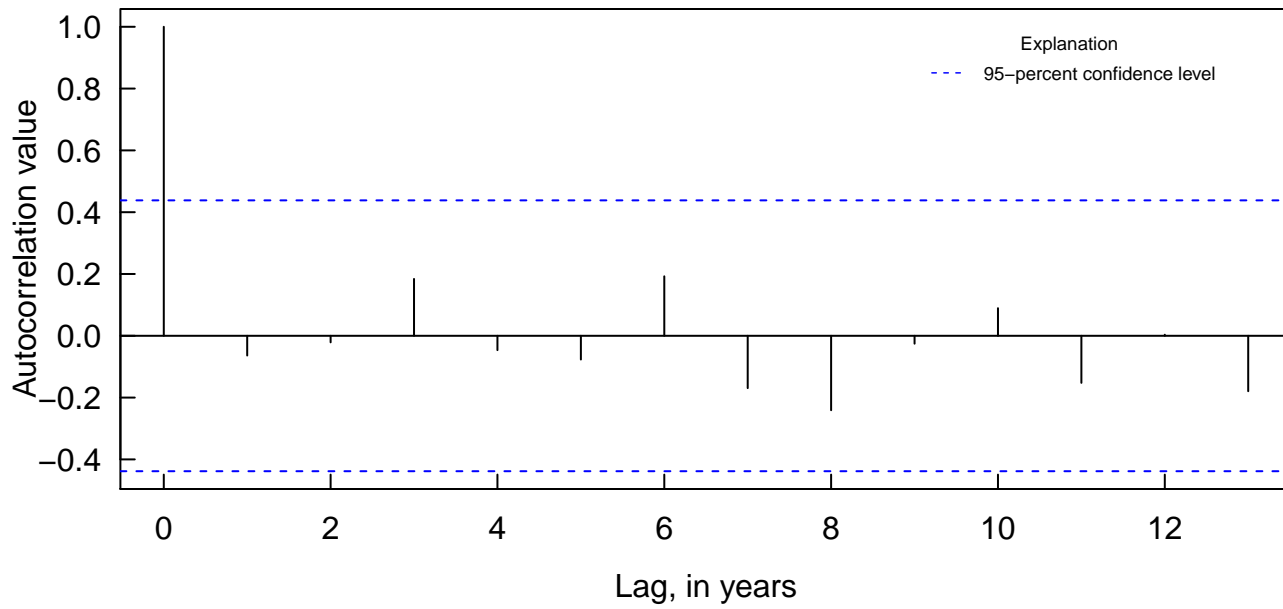


Figure 2.38. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 2



B

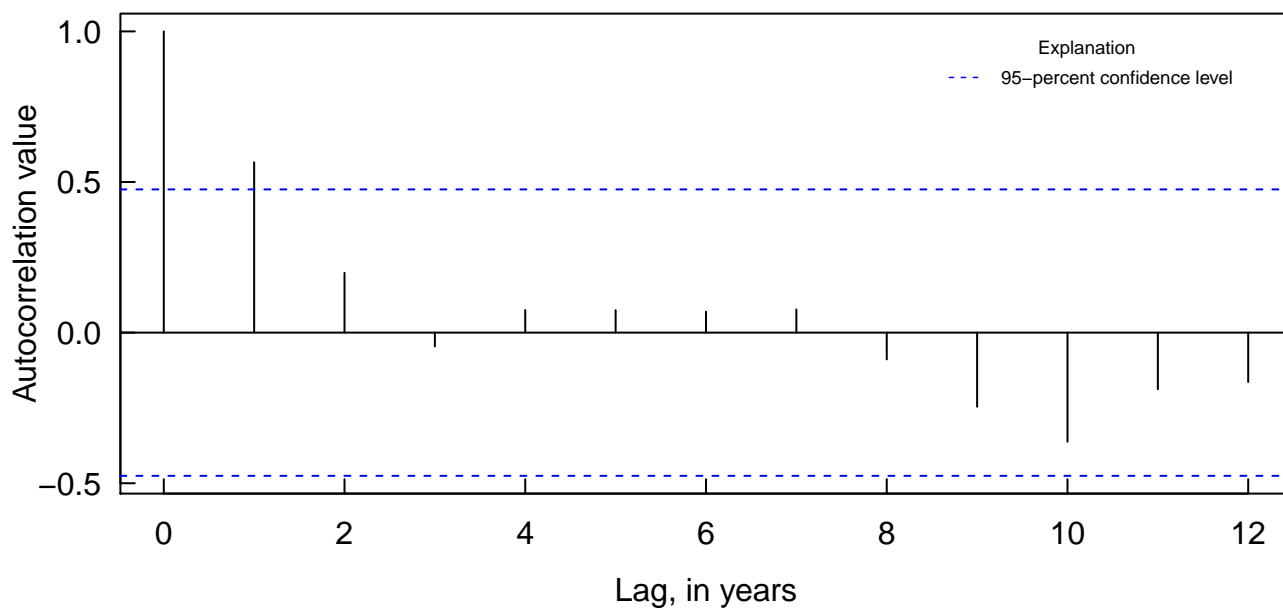
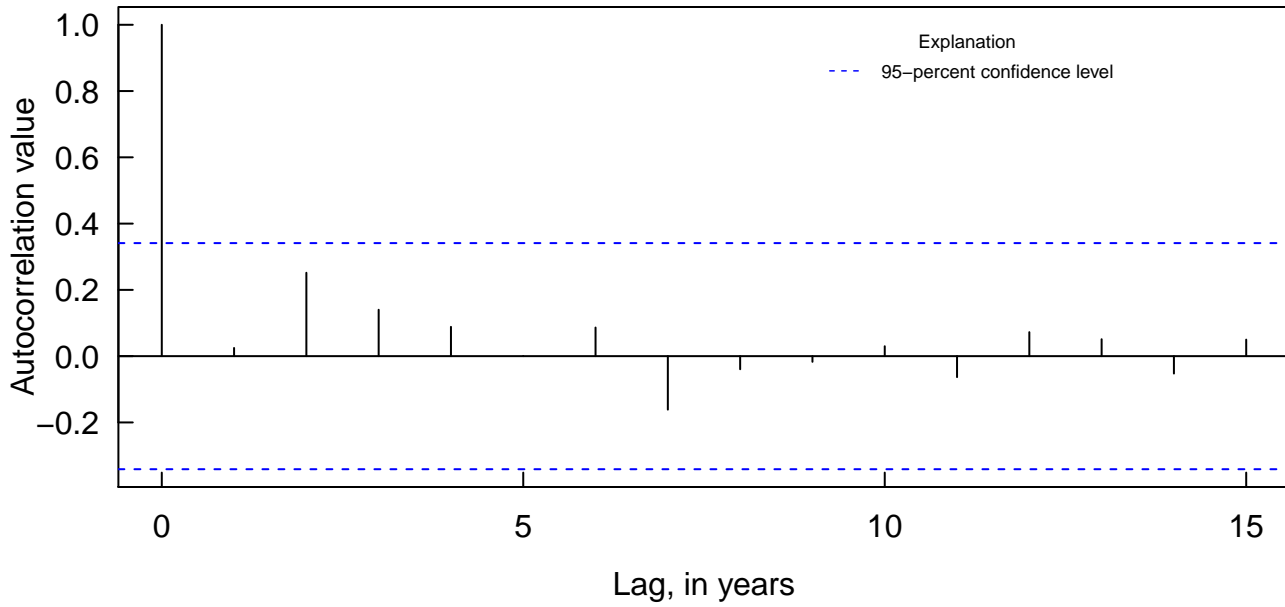


Figure 2.39. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 3



B

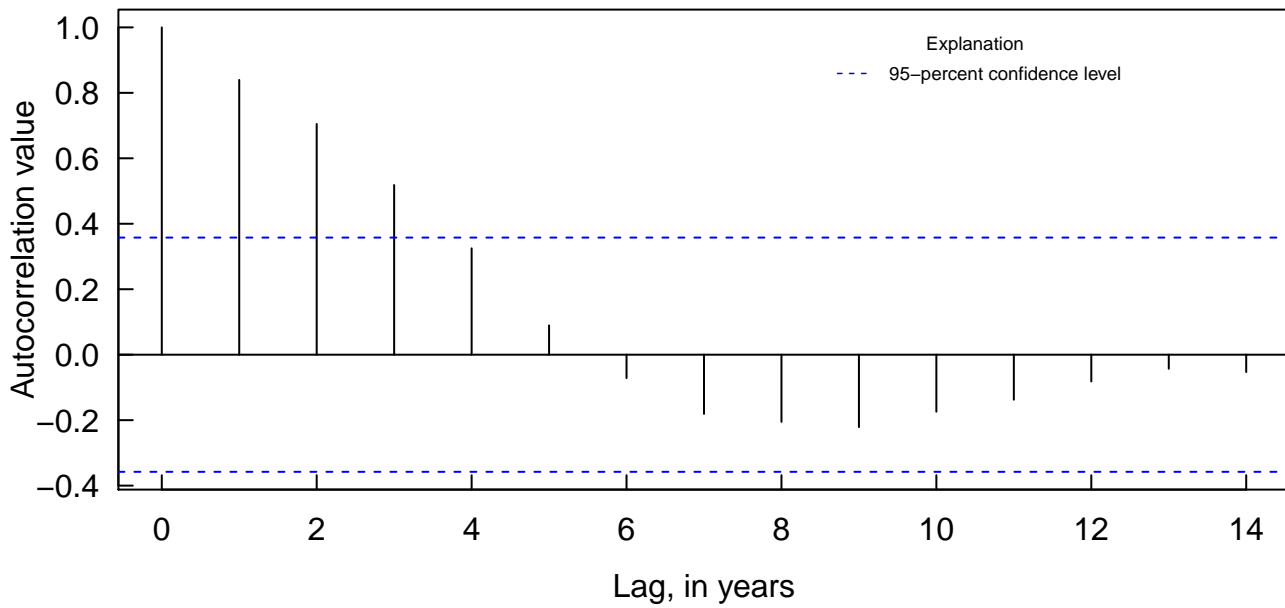
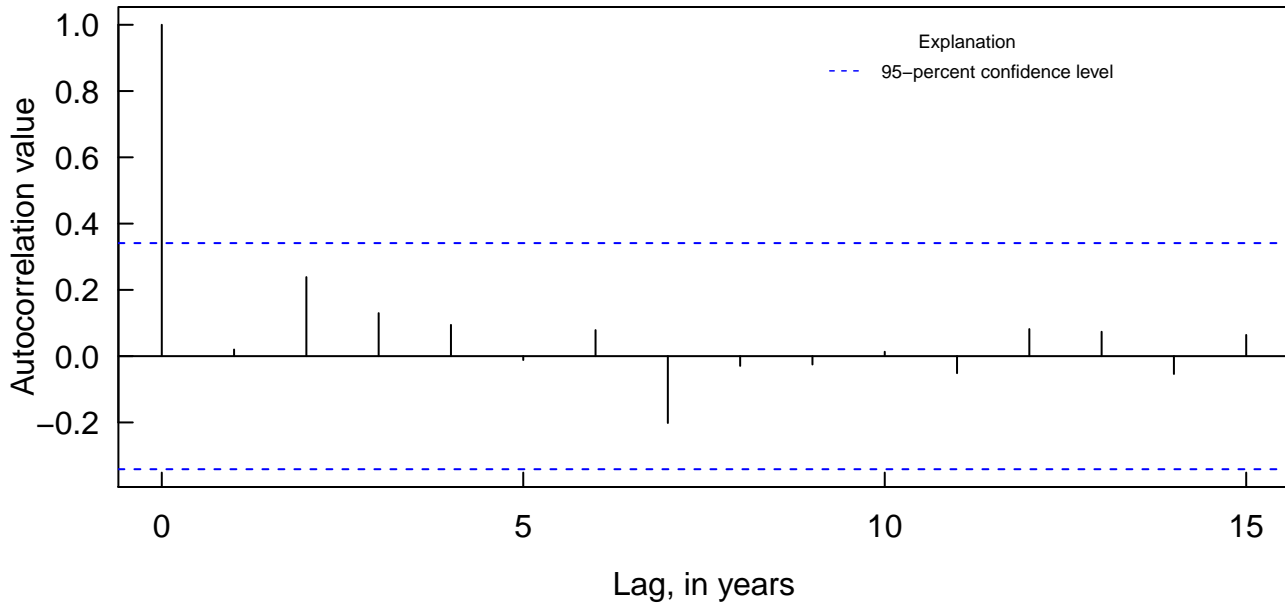


Figure 2.40. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 4



B

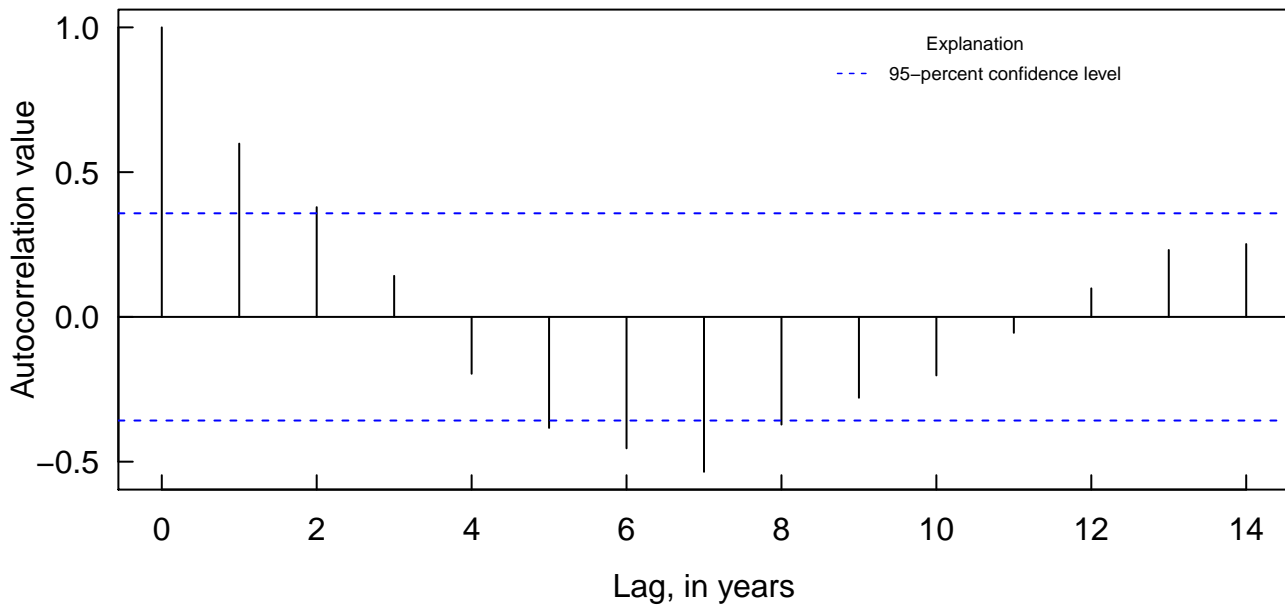
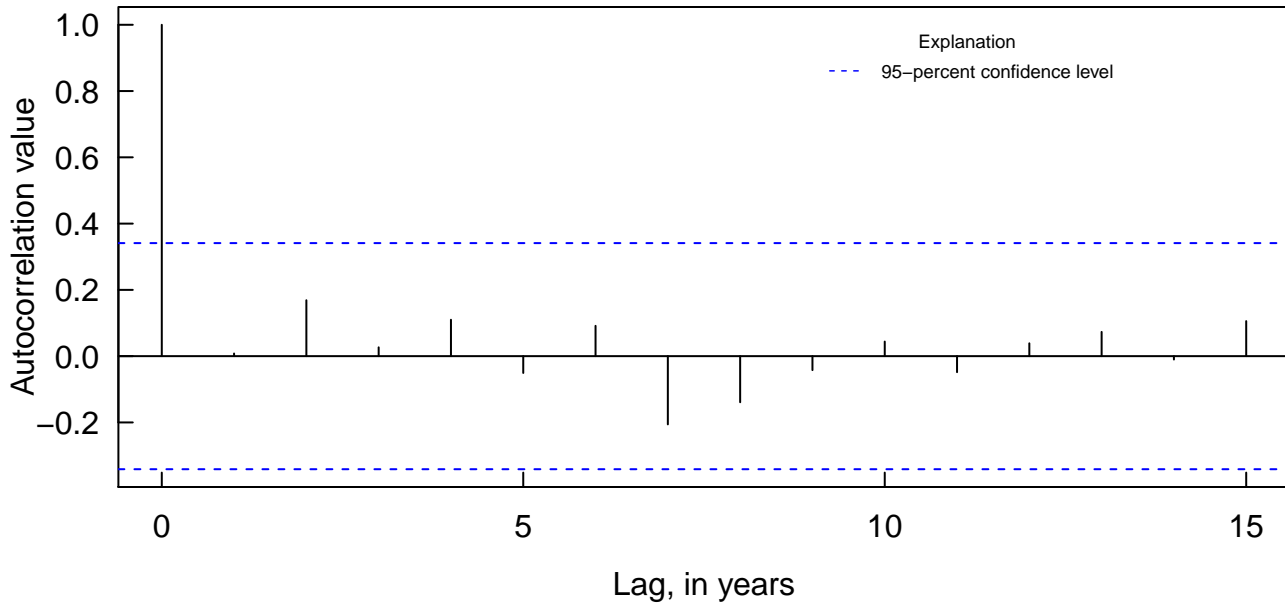


Figure 2.41. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 6



B

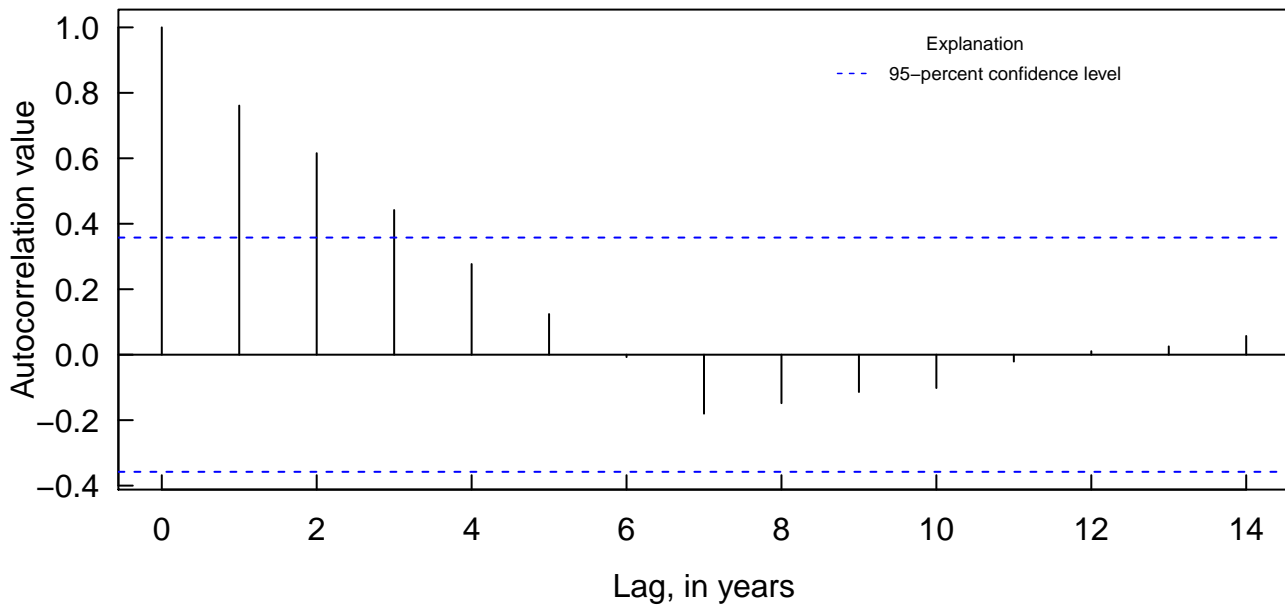
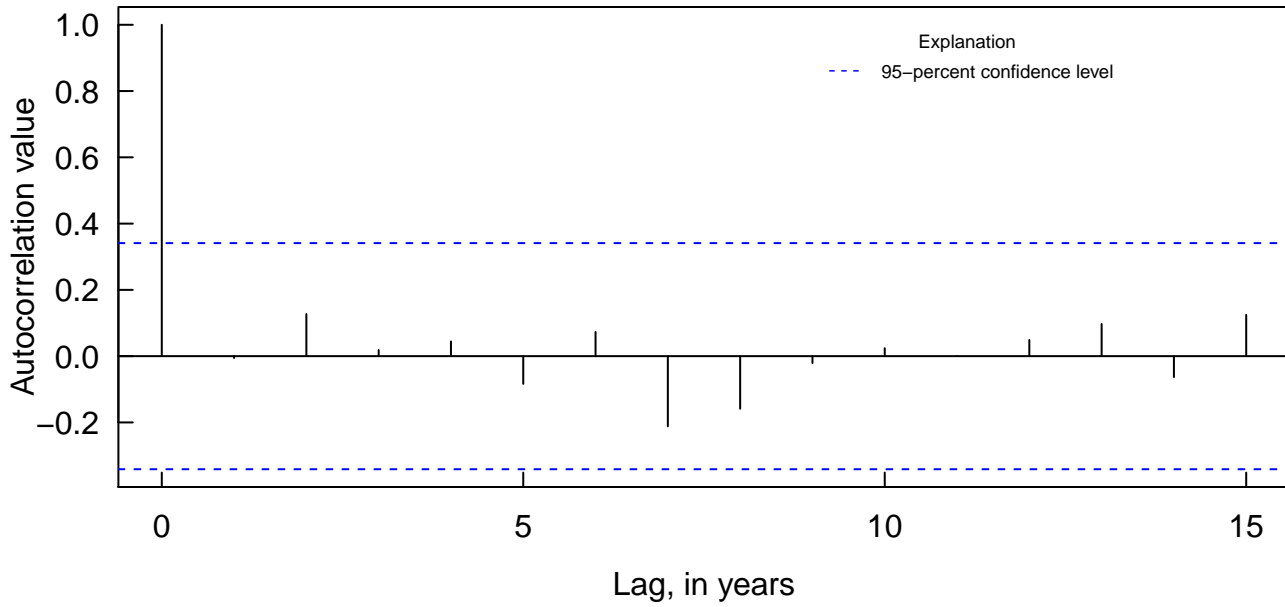


Figure 2.42. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 7



B

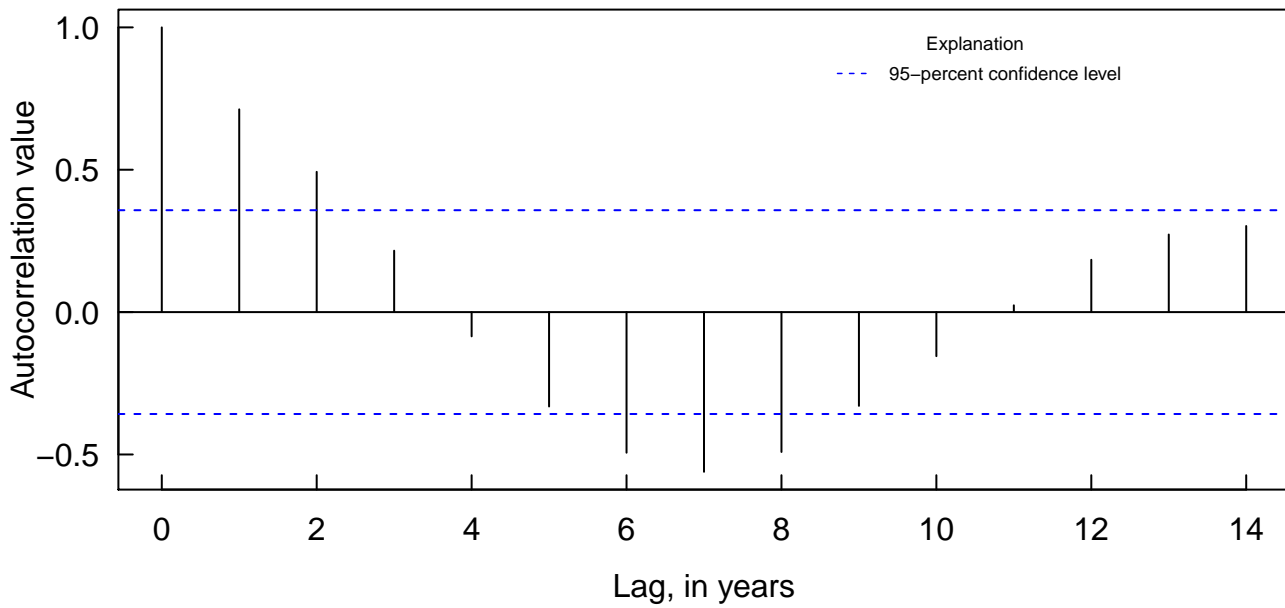
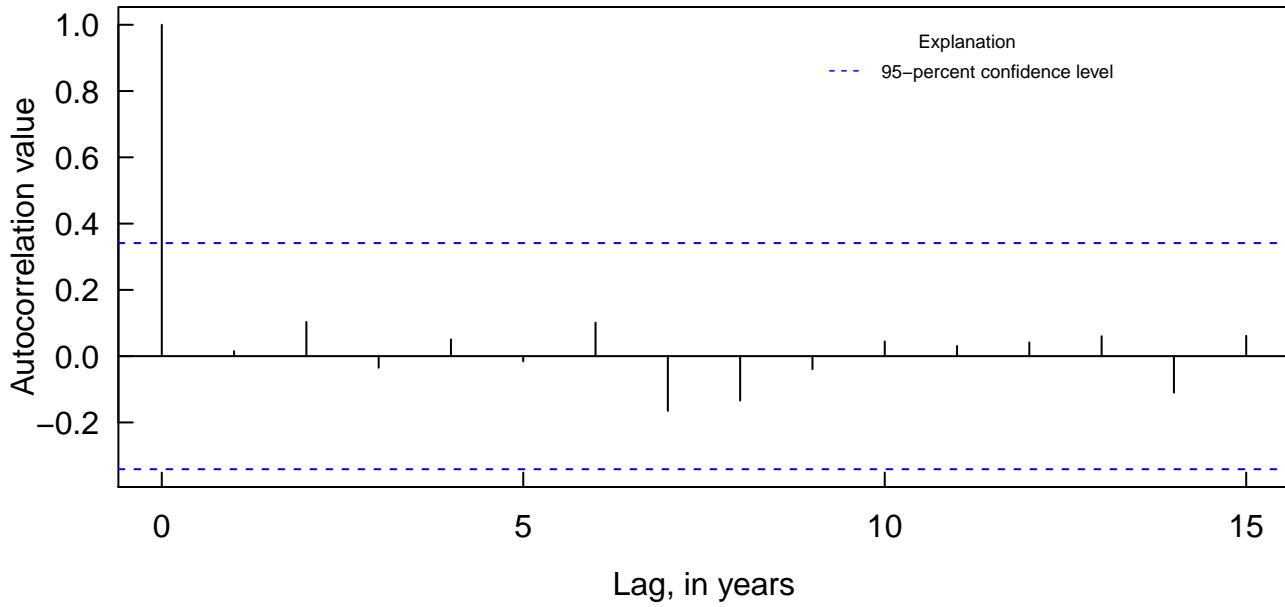


Figure 2.43. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 9



B

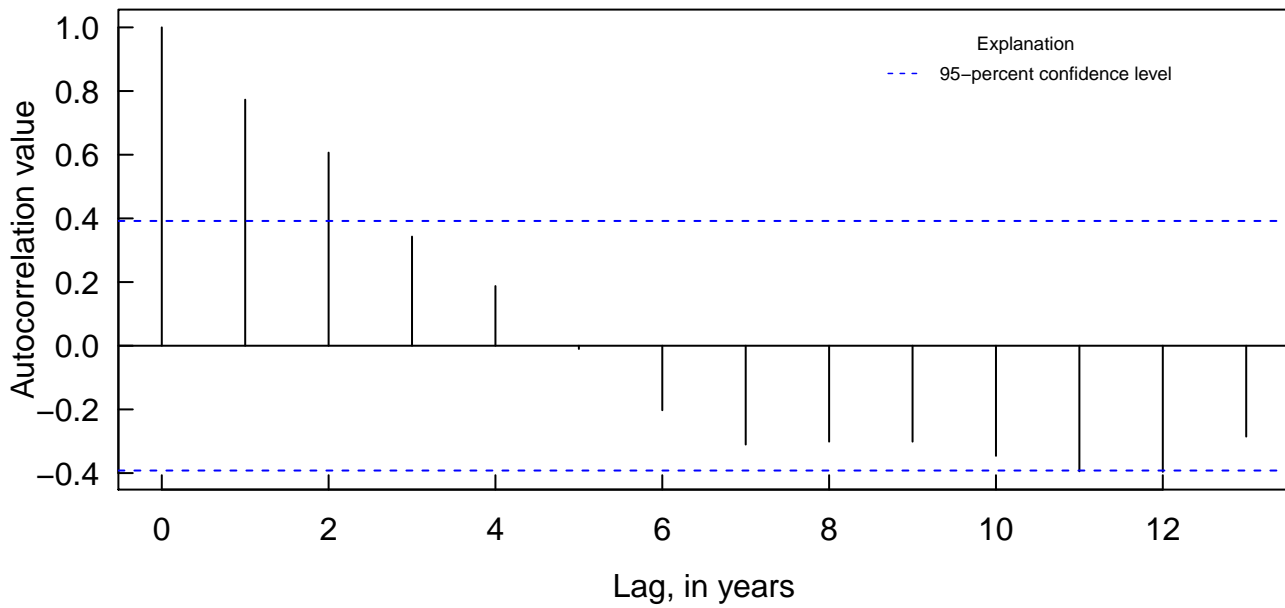
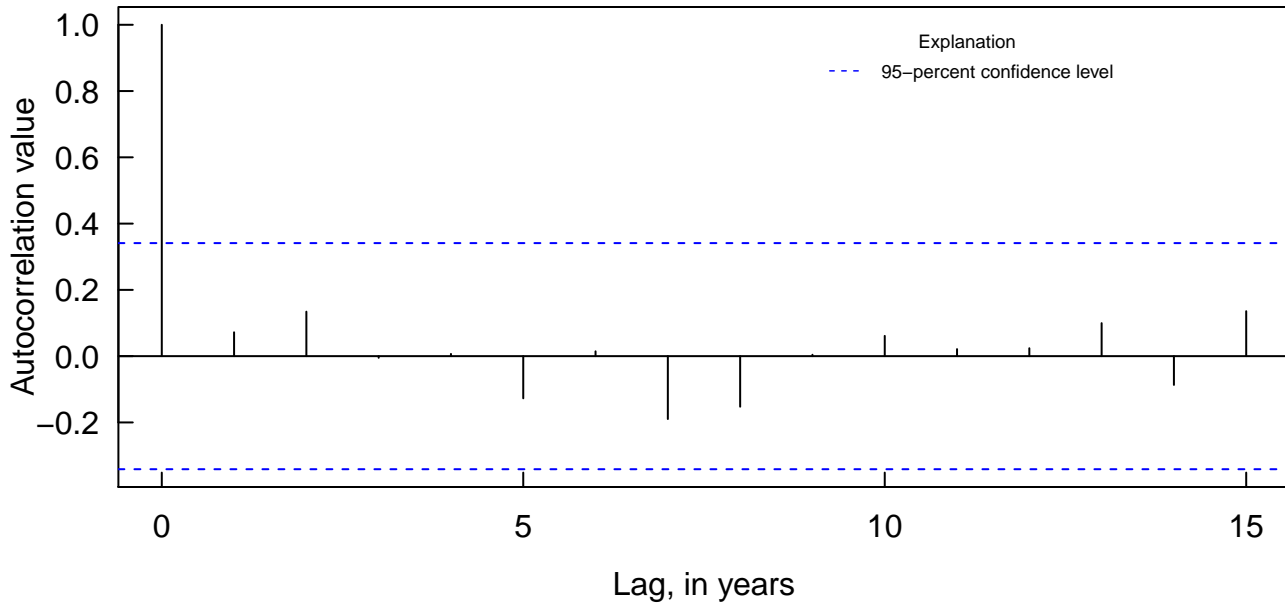


Figure 2.44. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 11



B

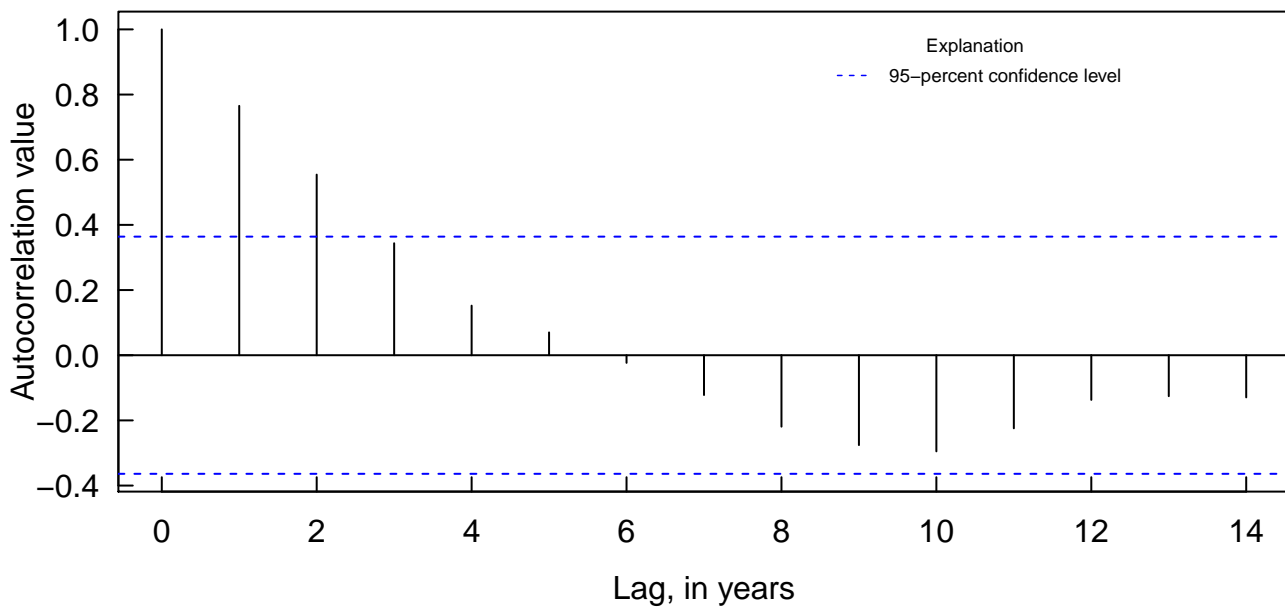
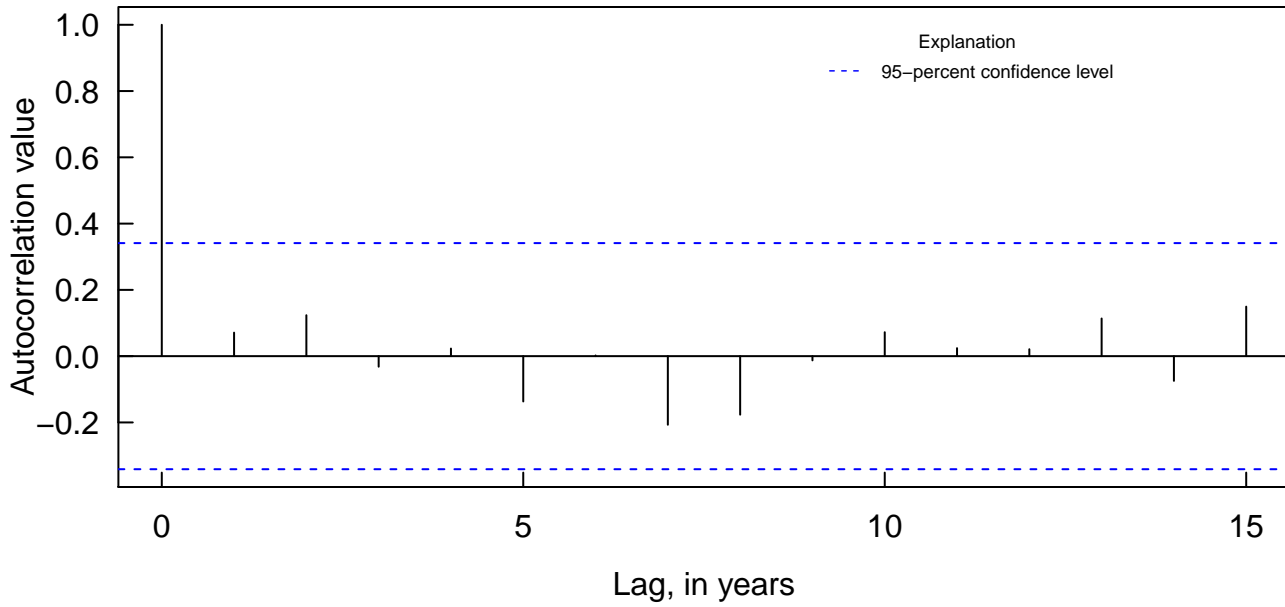


Figure 2.45. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 12



B

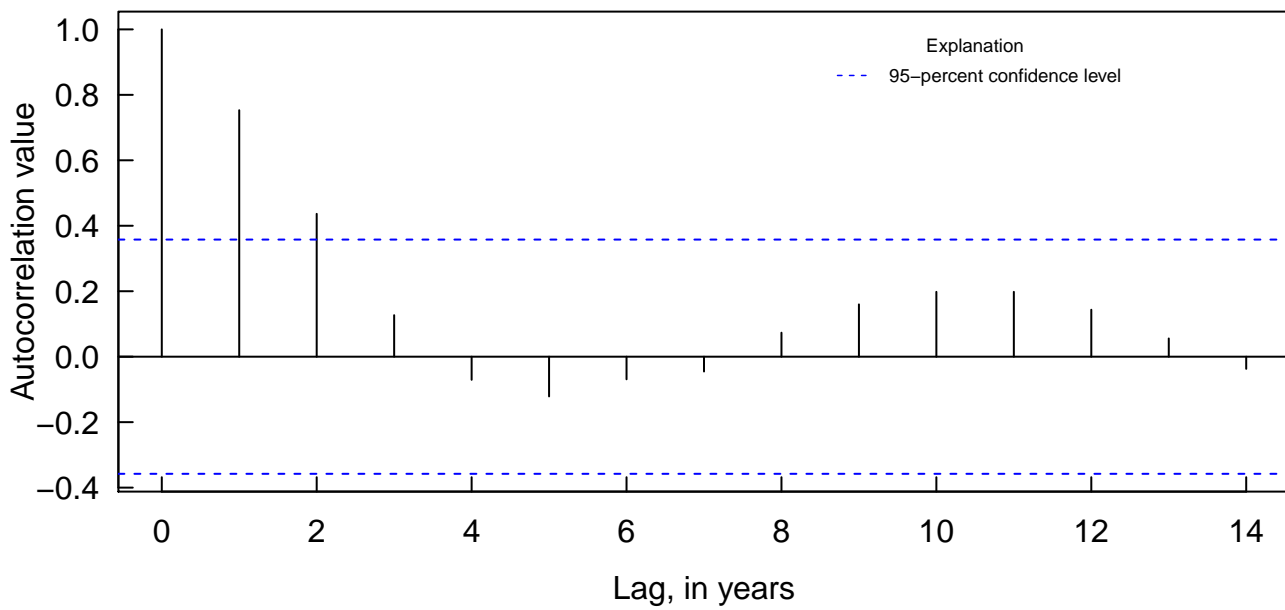
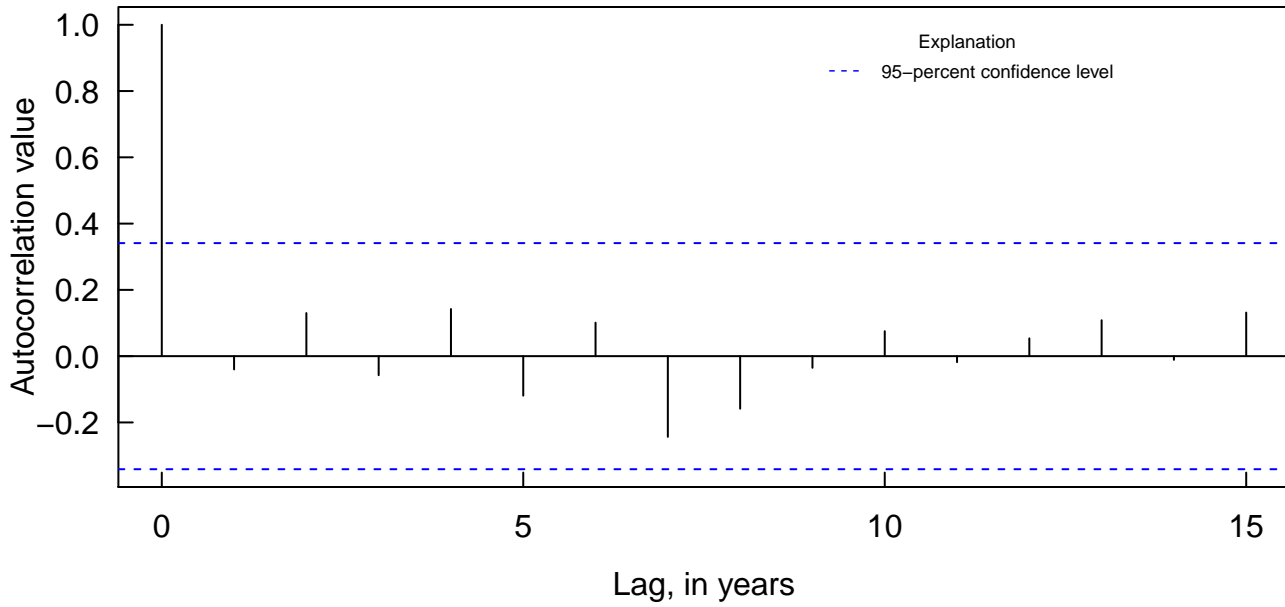


Figure 2.46. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 13



B

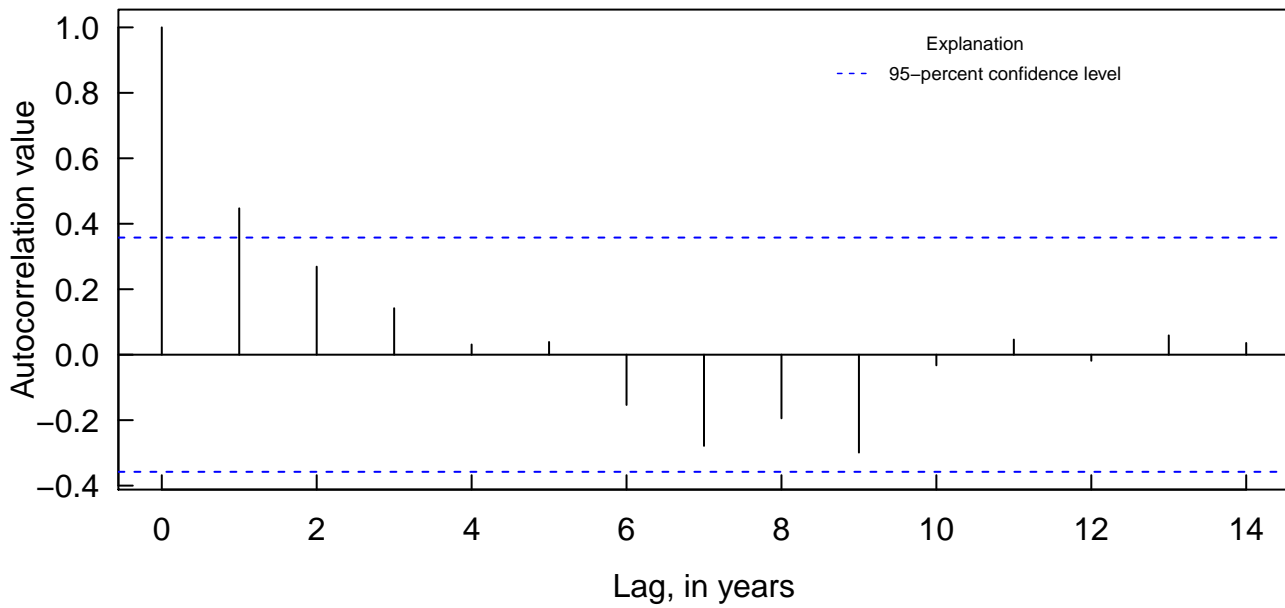
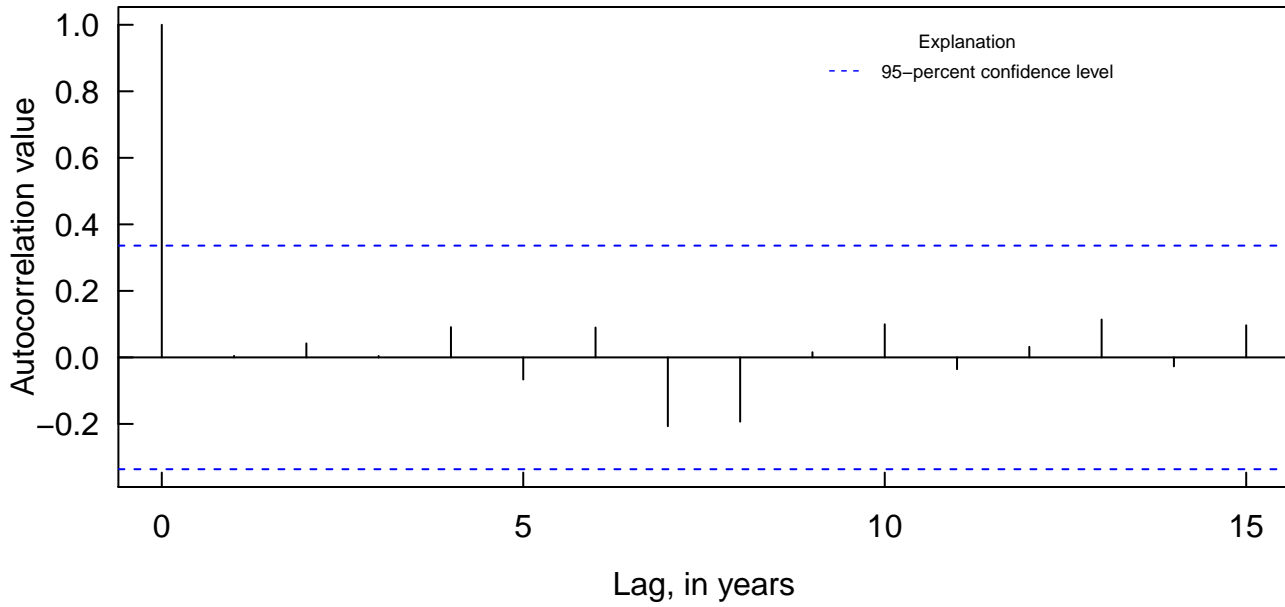


Figure 2.47. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 14



B

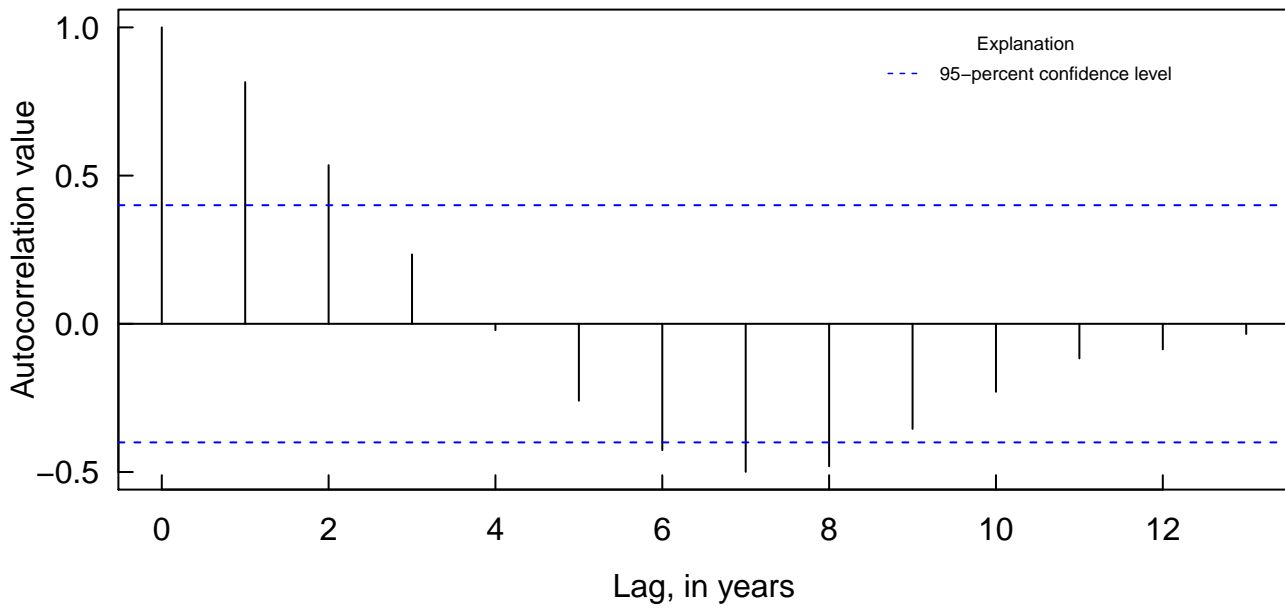
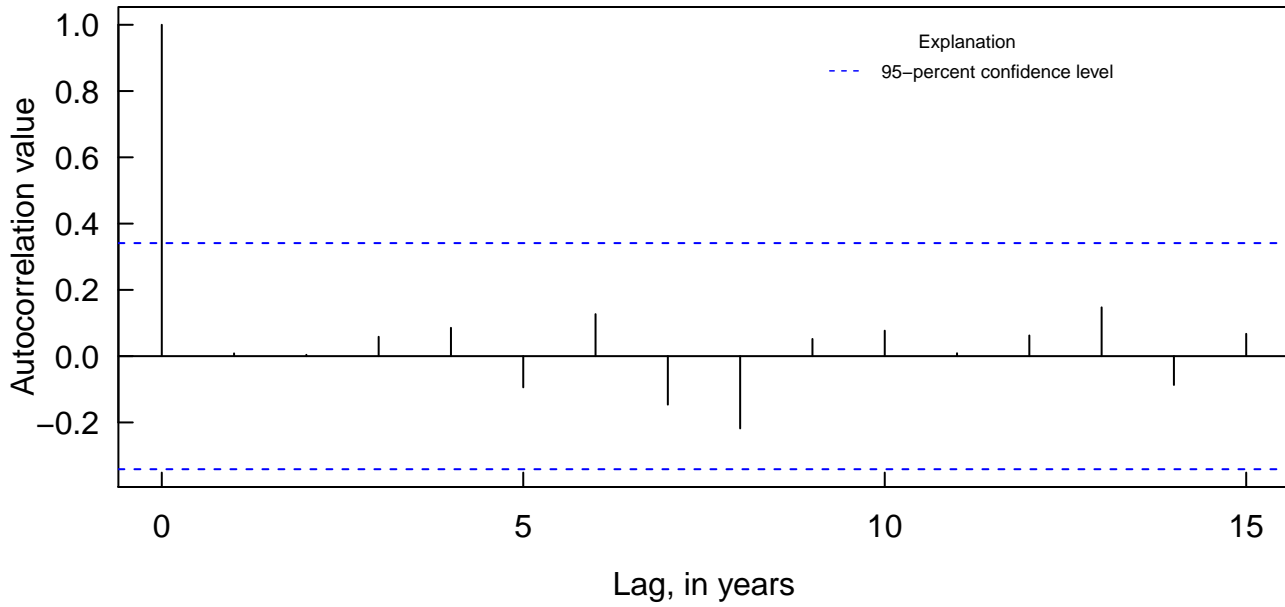


Figure 2.48. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 15



B

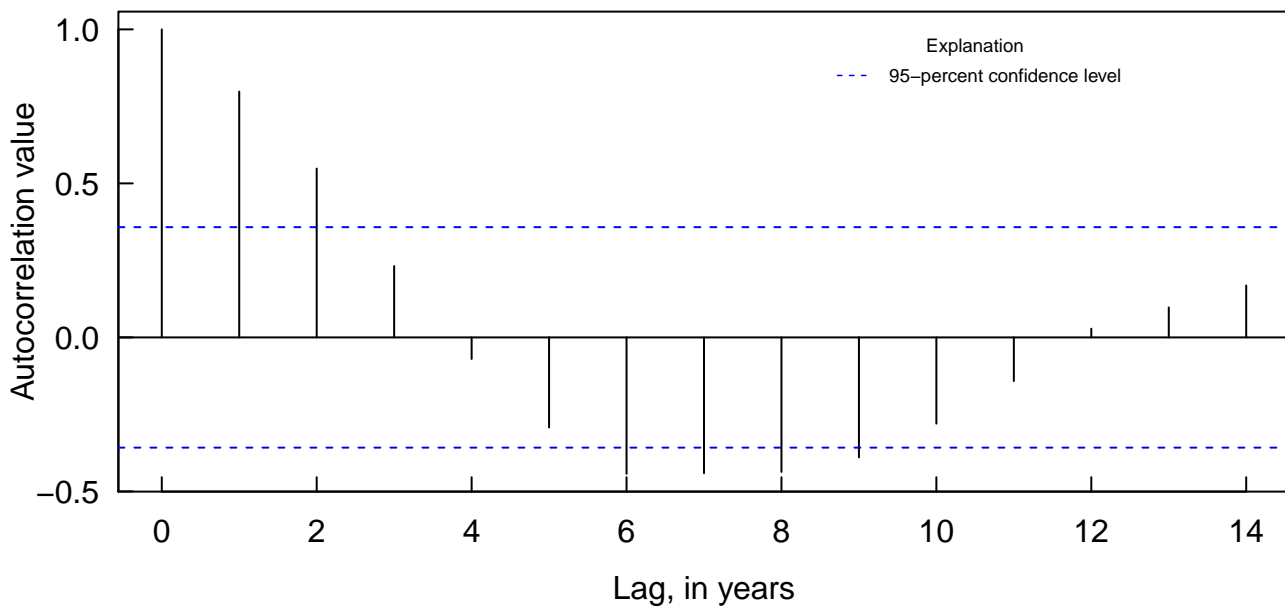
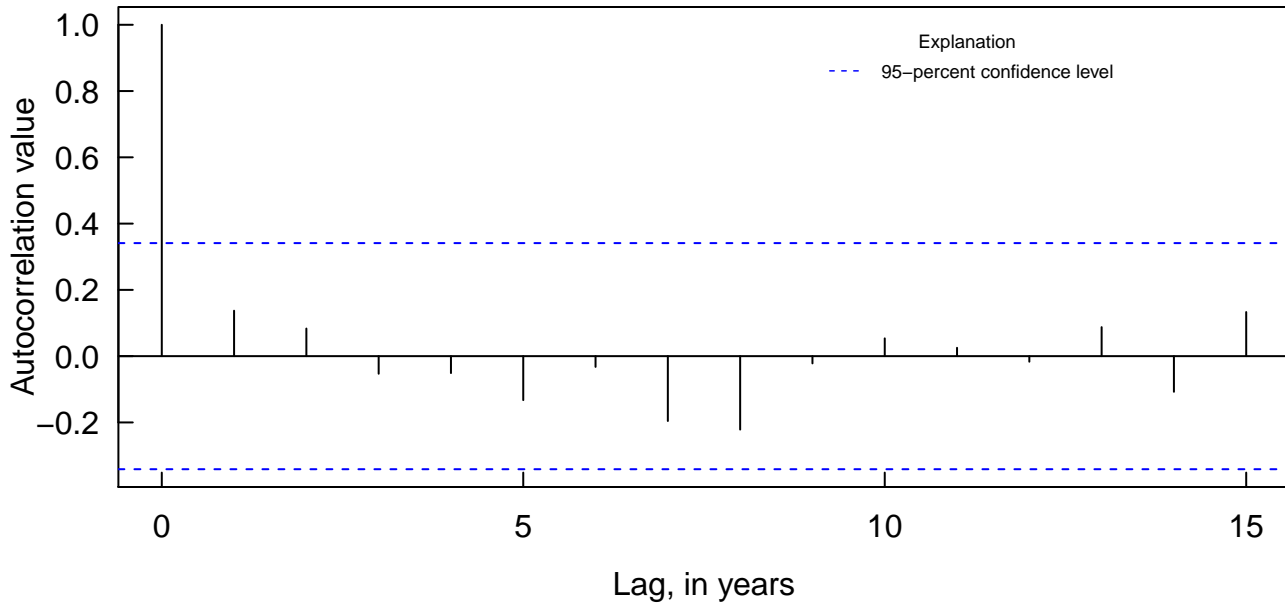


Figure 2.49. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 16



B

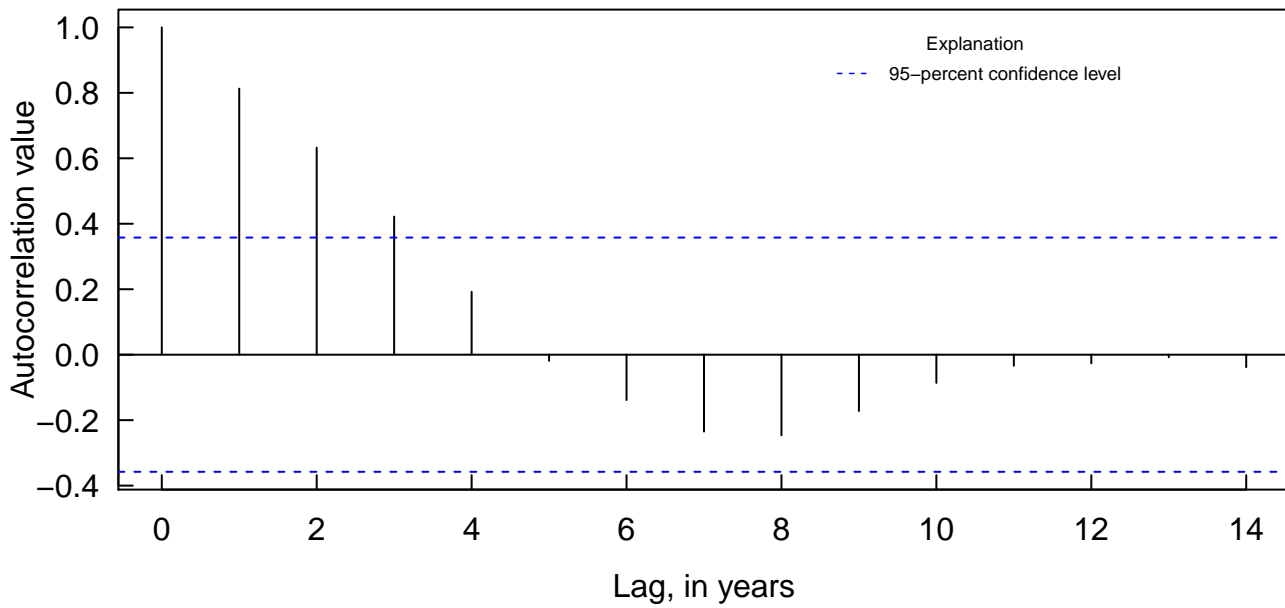
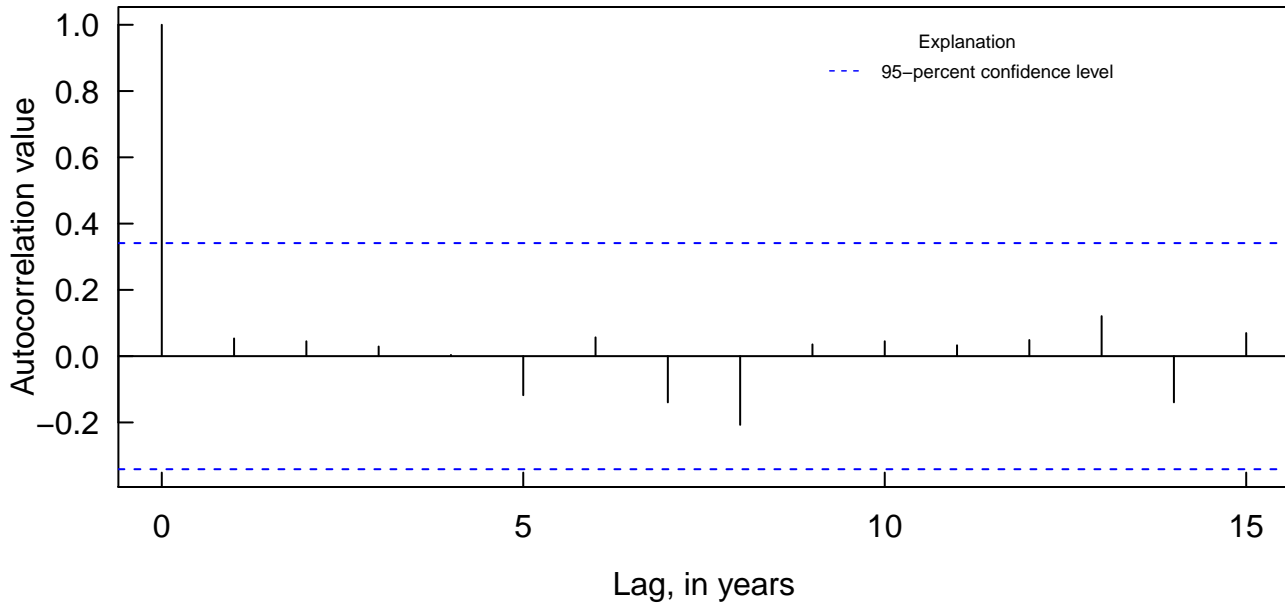


Figure 2.50. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 17



B

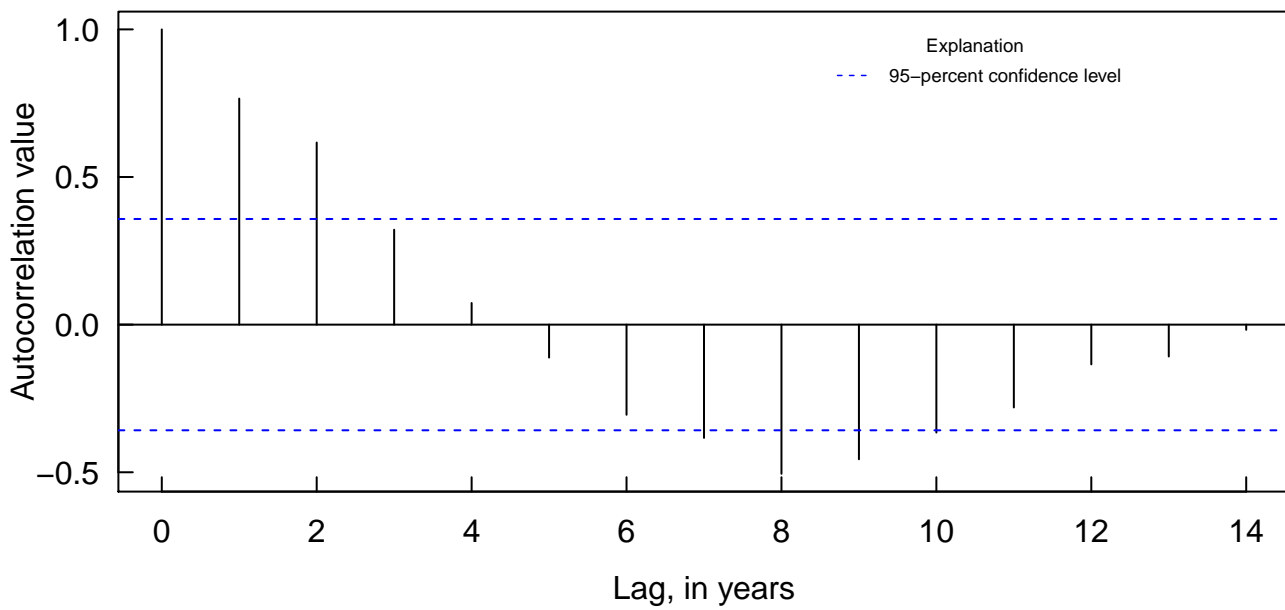
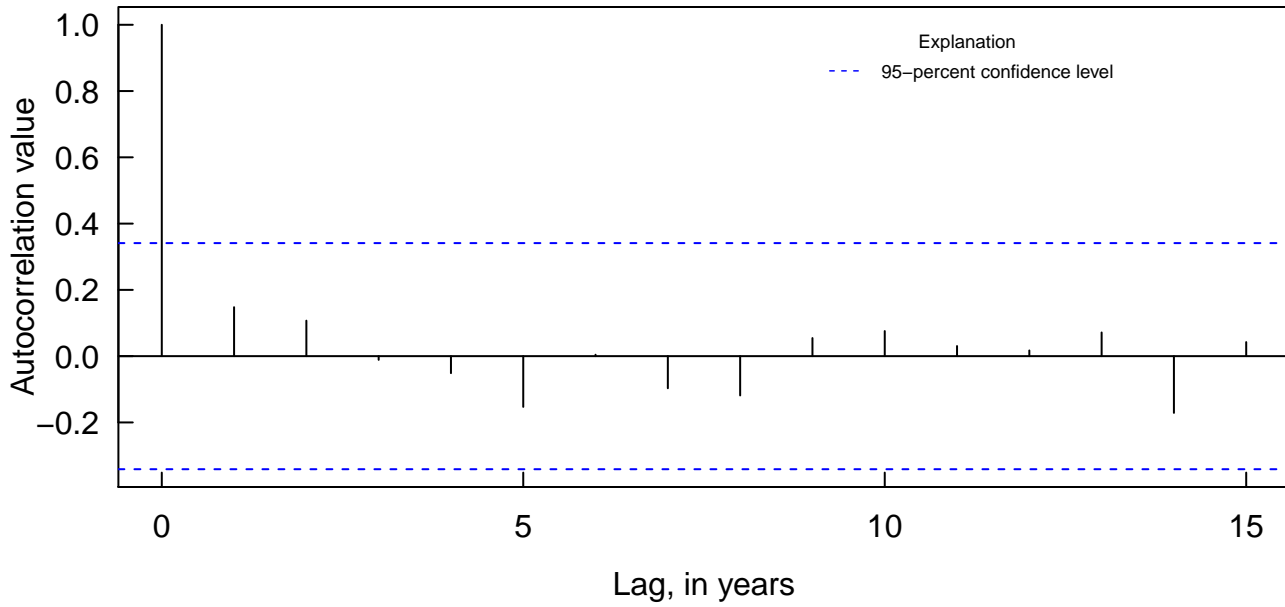


Figure 2.51. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 18



B

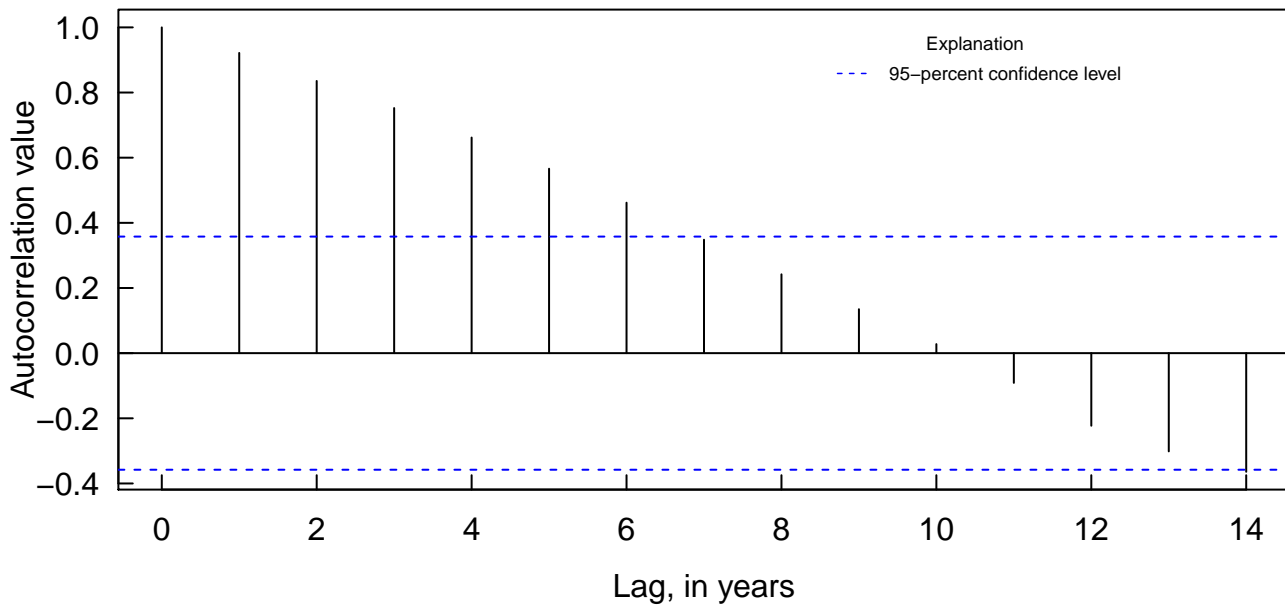
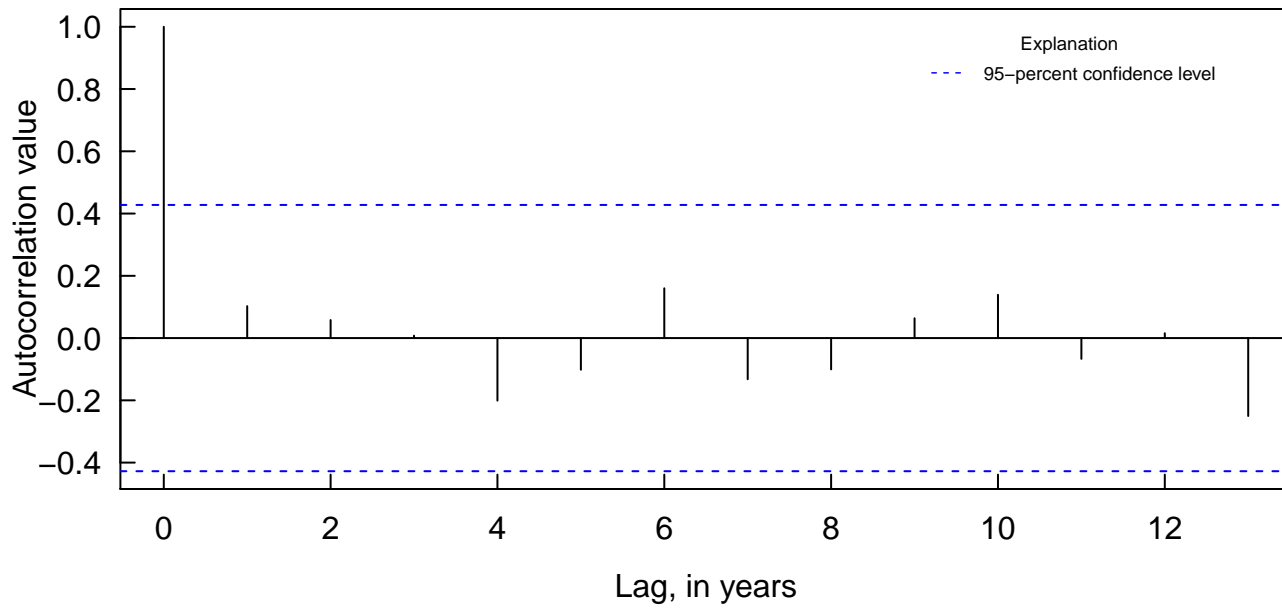


Figure 2.52. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 19



B

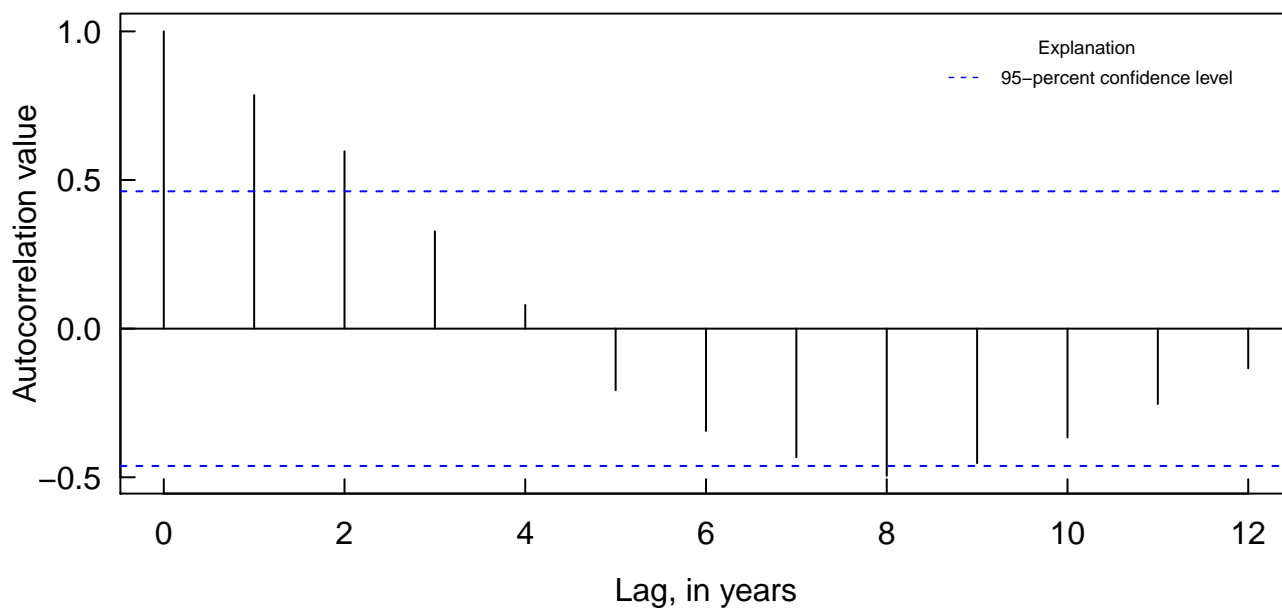
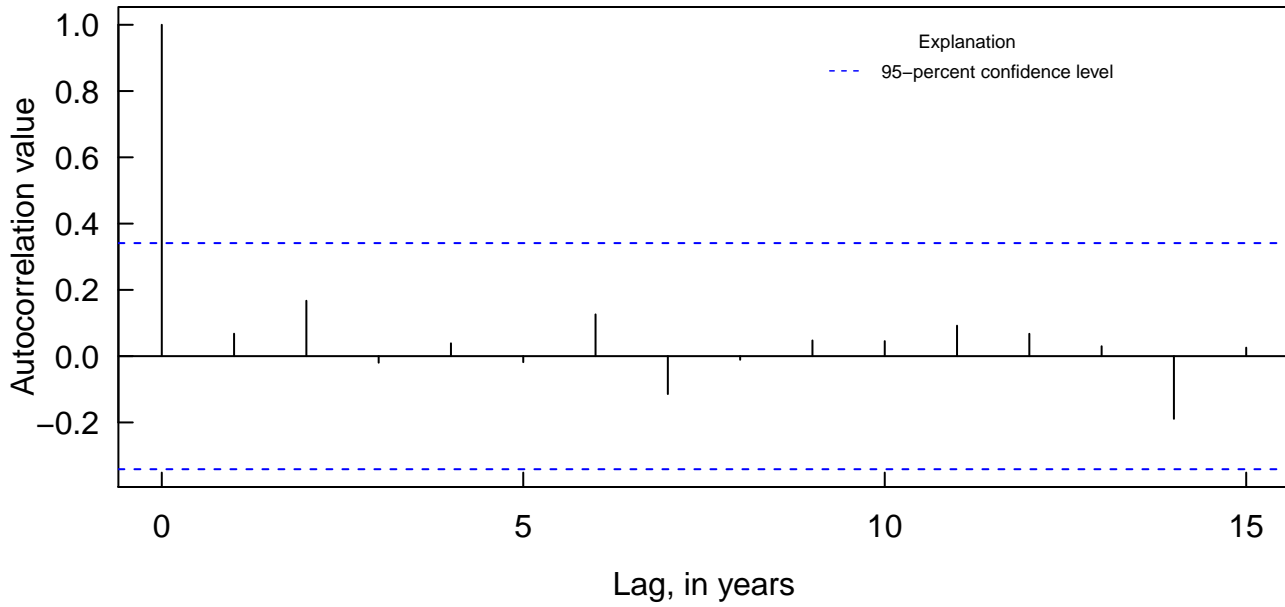


Figure 2.53. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 20



B

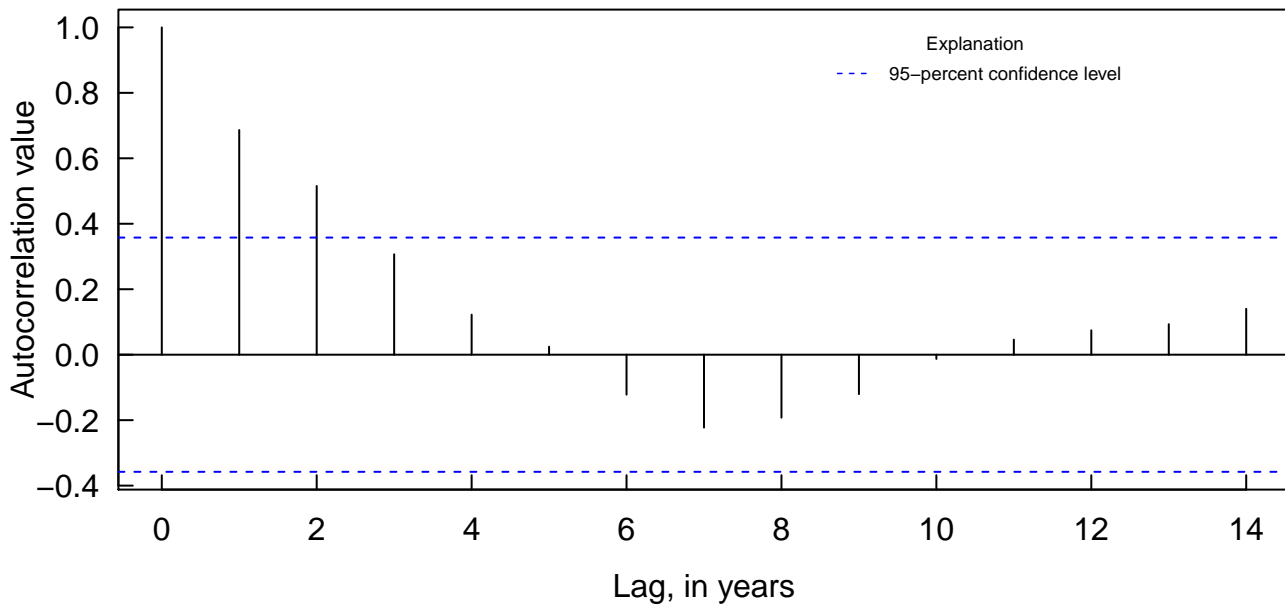
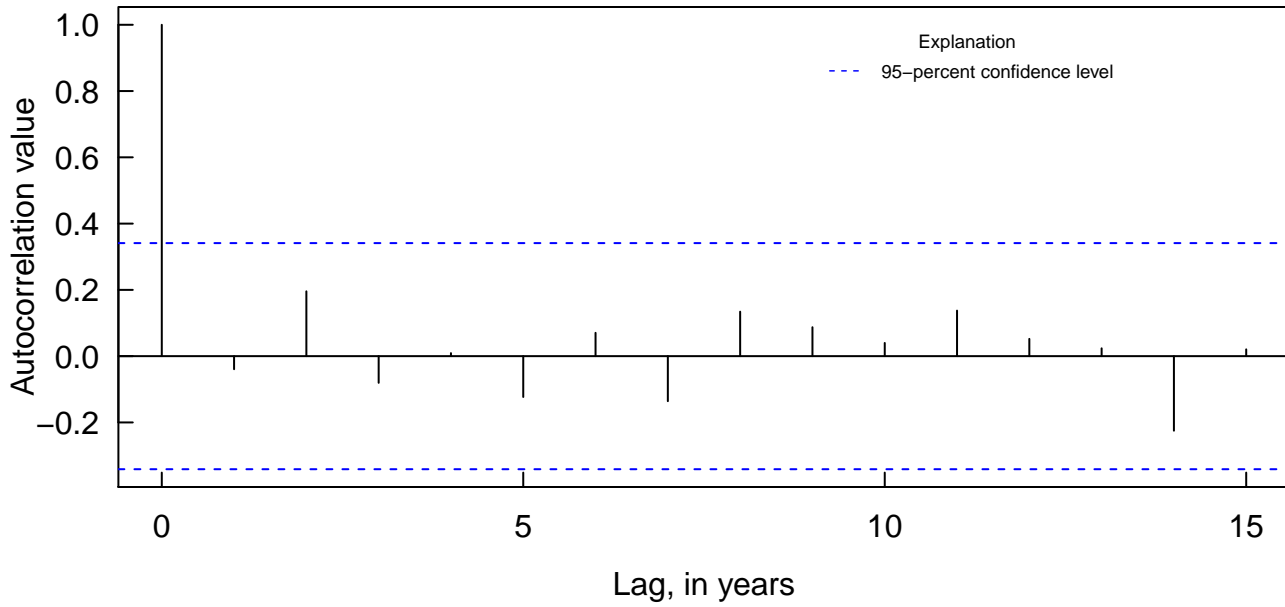


Figure 2.54. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 21



B

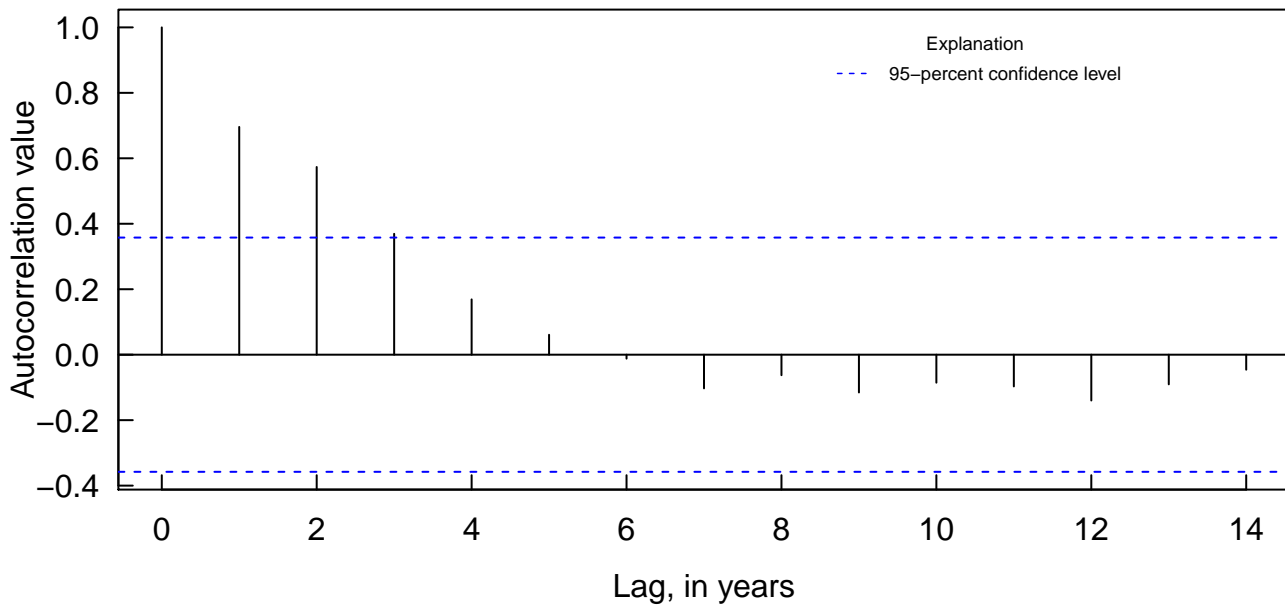
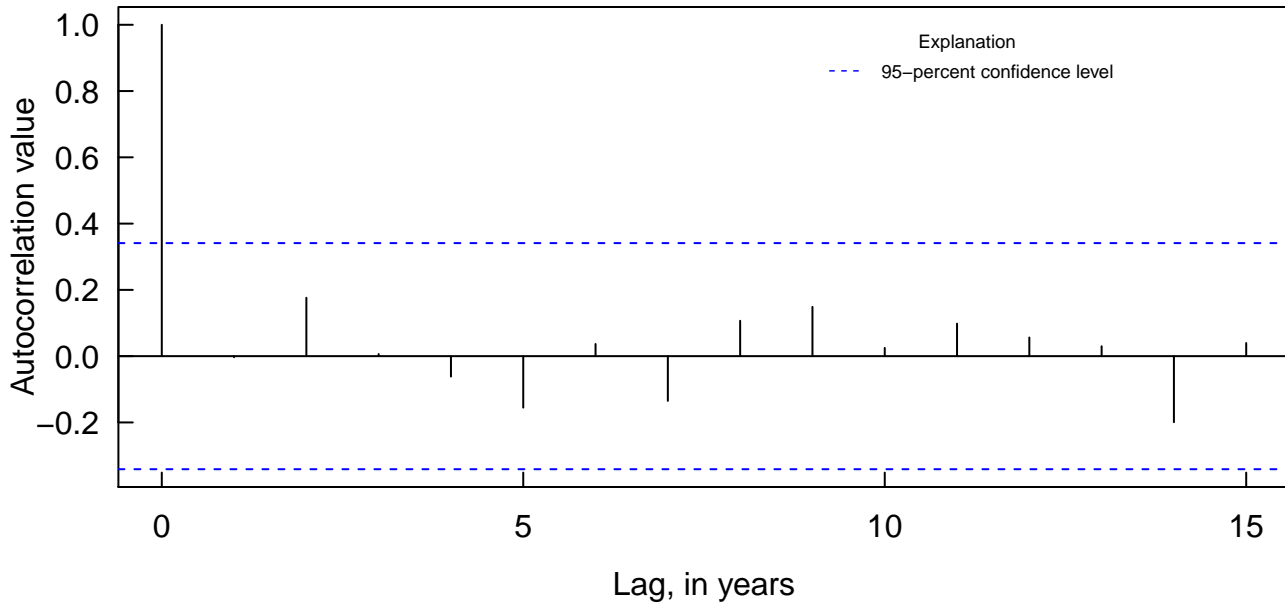


Figure 2.55. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 22



B

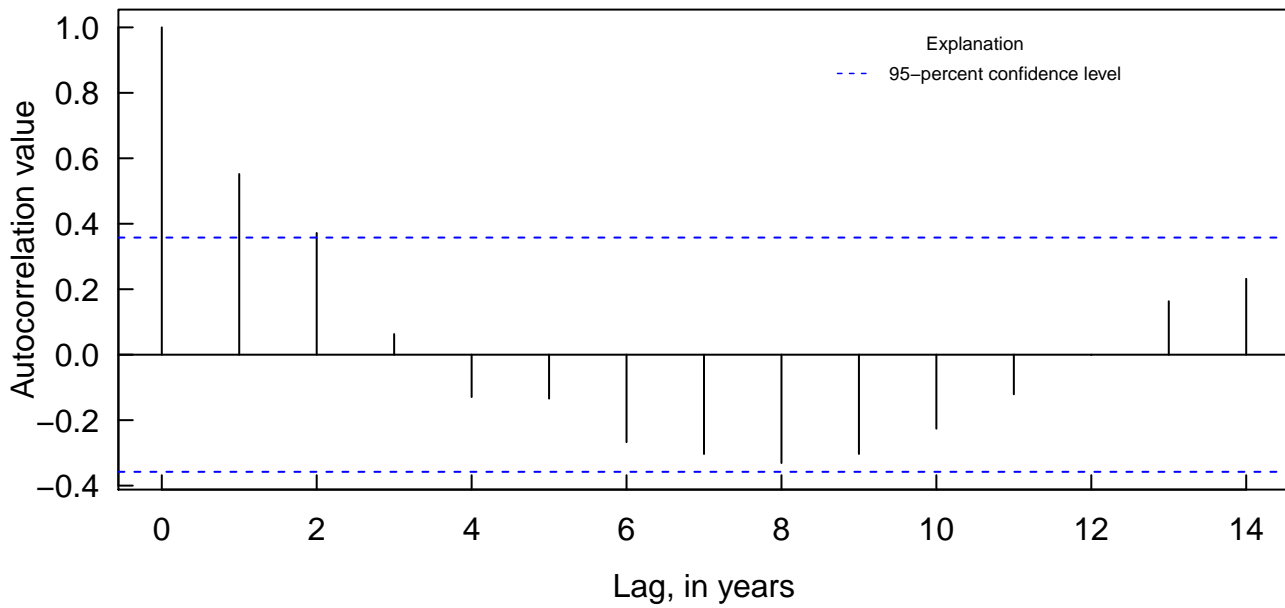
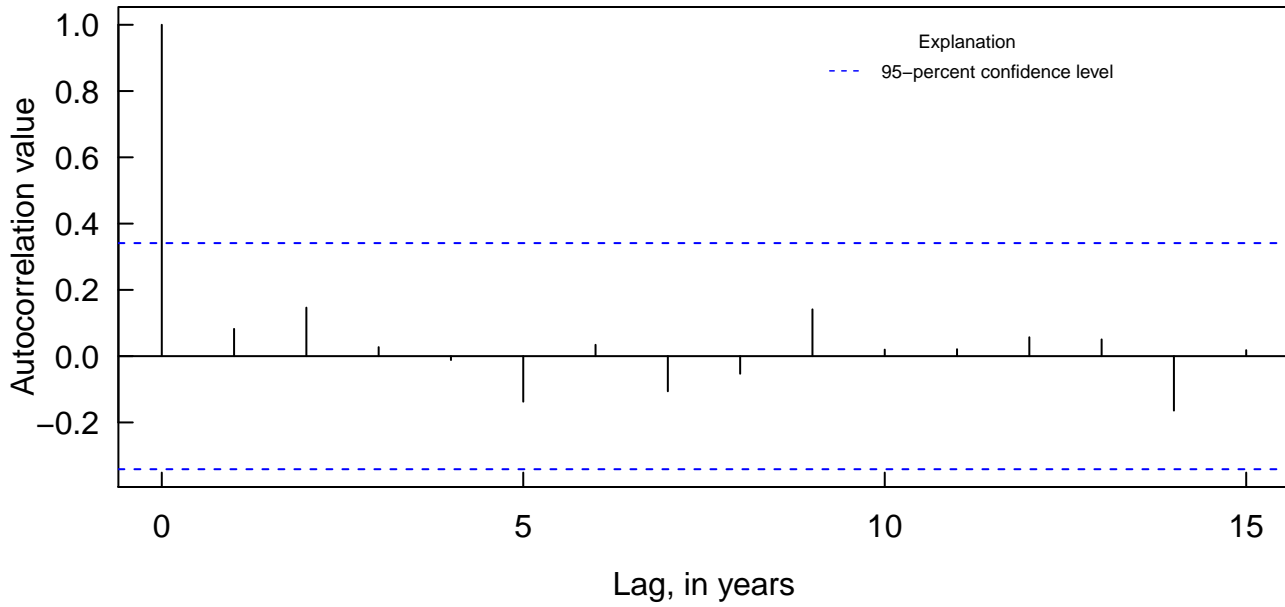


Figure 2.56. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 23



B

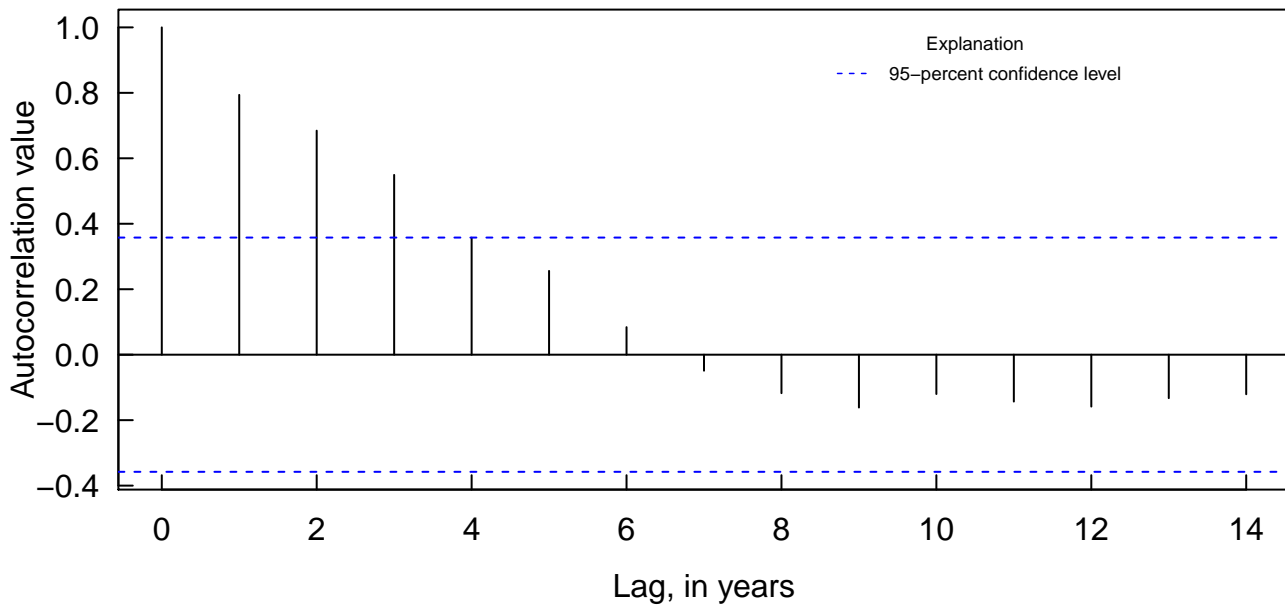
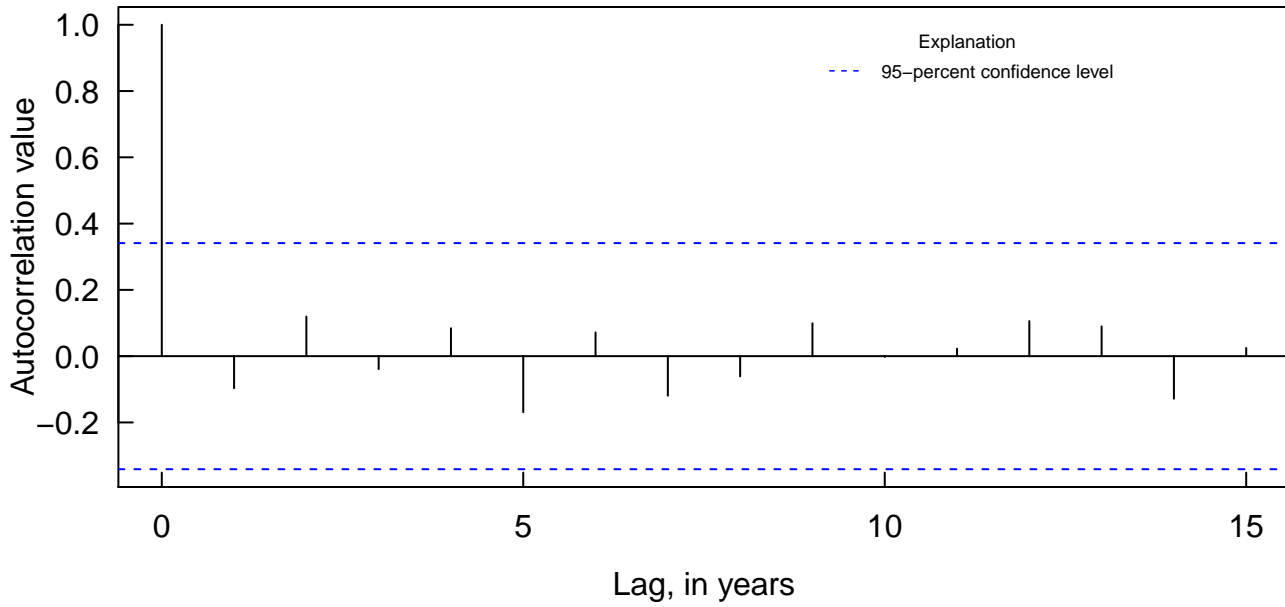


Figure 2.57. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 25



B

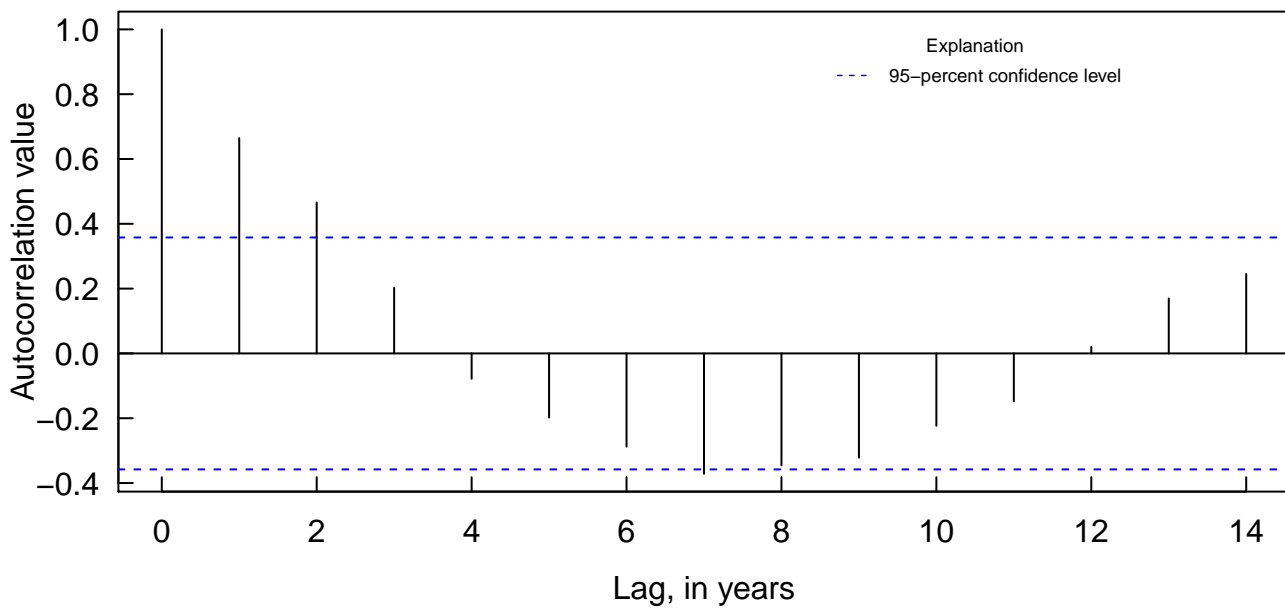
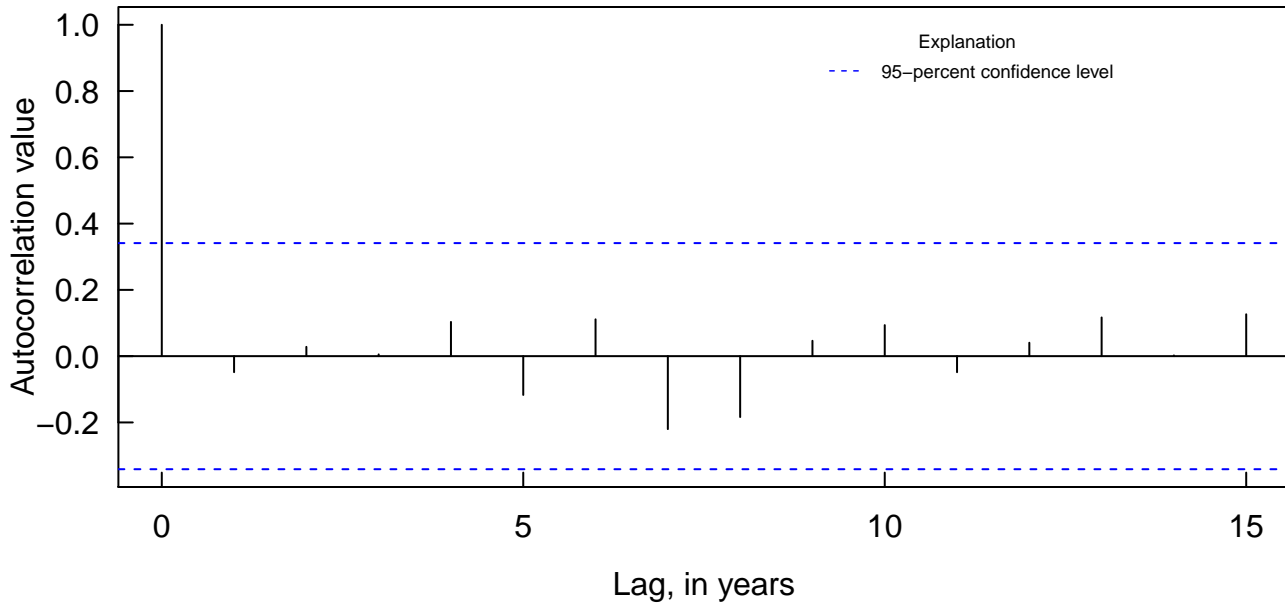


Figure 2.58. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 26



B

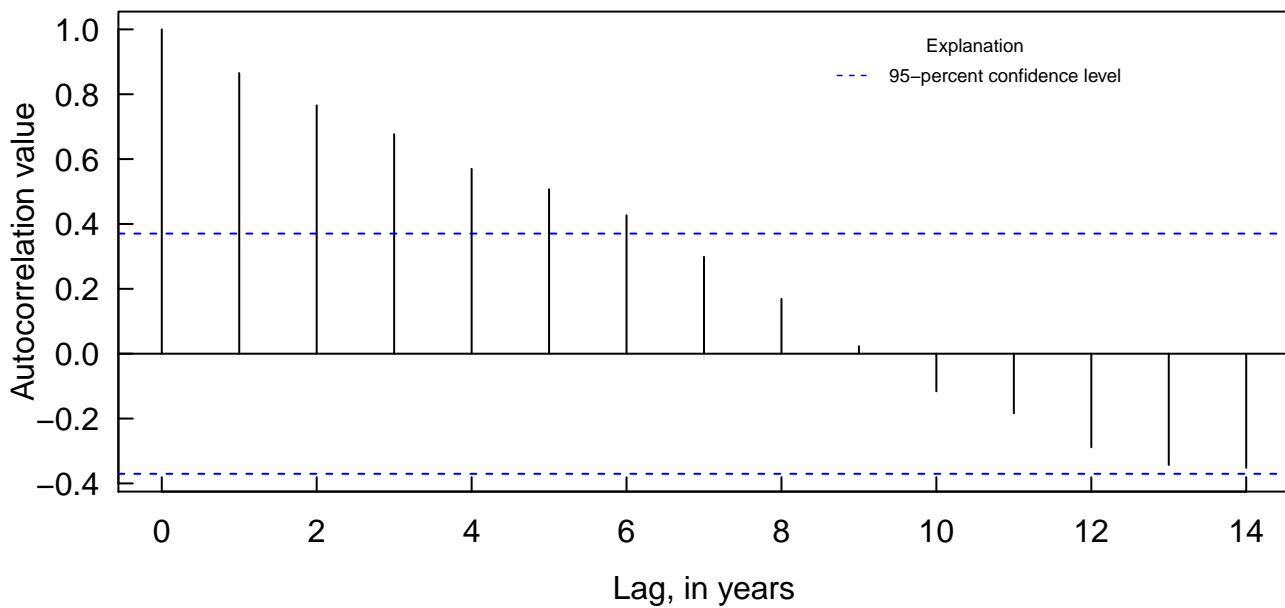
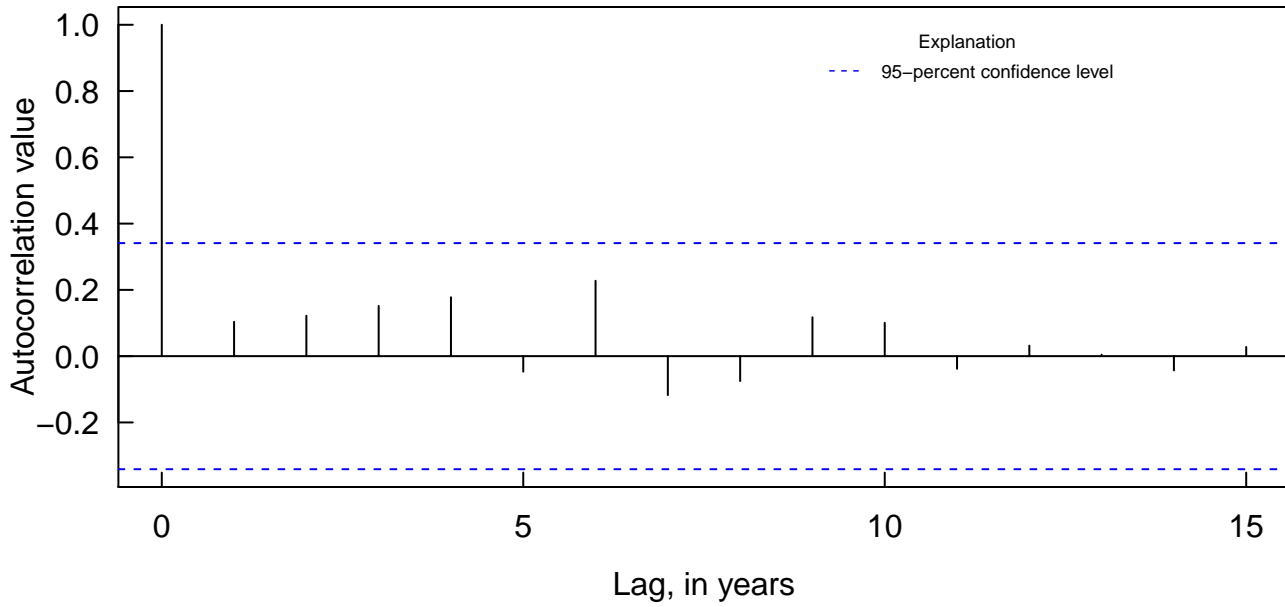


Figure 2.59. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.

A Well RST 27



B

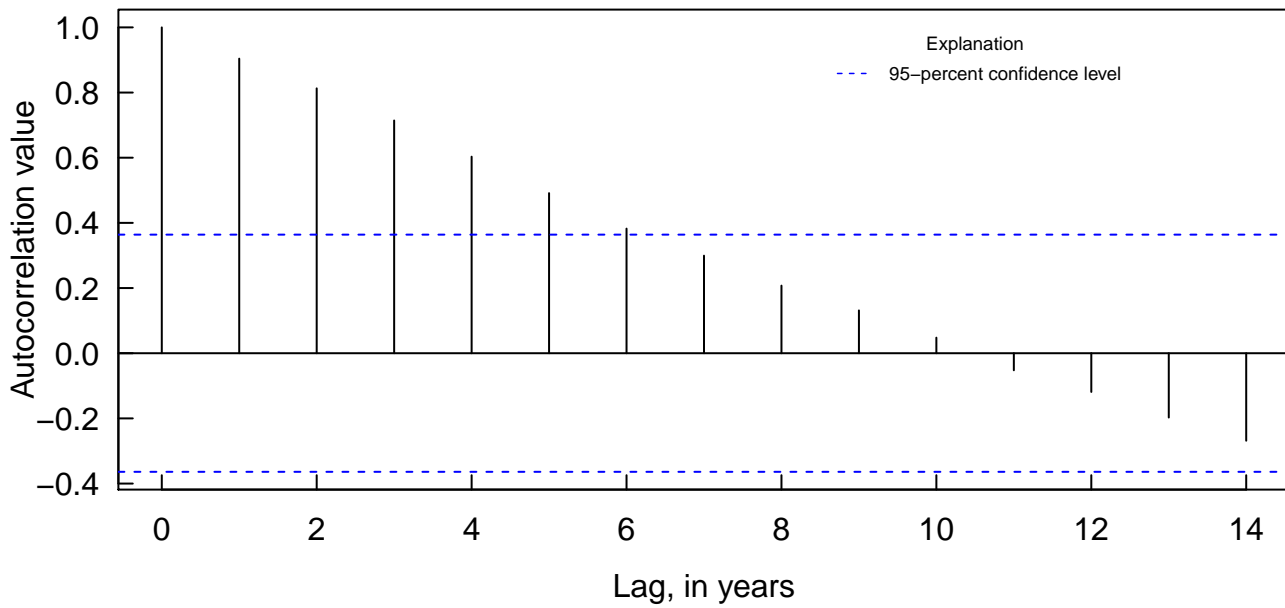


Figure 2.60. Graphs showing autocorrelation function values for annual total precipitation and annual median water levels for observation wells. A, autocorrelation function values for annual total precipitation; and B, autocorrelation function values for annual median water levels.