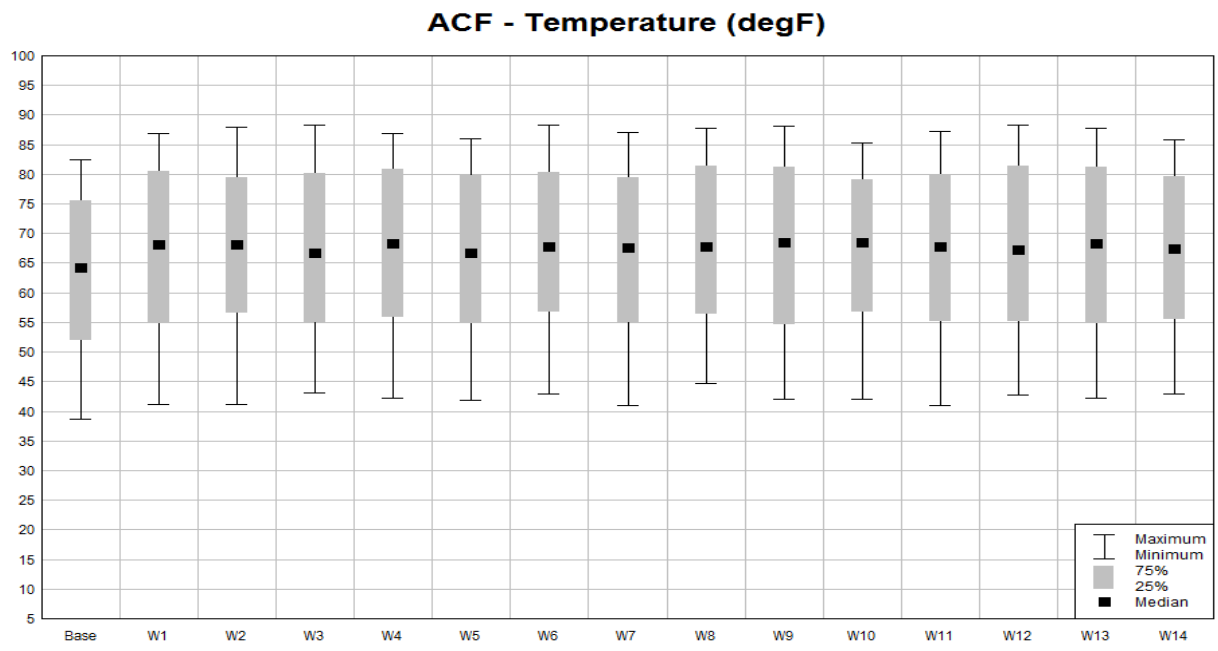
APPENDIX Z. OVERVIEW OF CLIMATE SCENARIO MONTHLY TEMPERATURE, PRECIPITATION, AND POTENTIAL EVAPOTRANSPIRATION

Table Z-1. Climate change scenarios evaluated

Scenario (W) #	Climate Model(s) (GCM / RCM)
NARCCAP dynamically downscaled scenarios	
1	CGCM3 / CRCM
2	HadCM3 / HRM3
3	GFDL / RCM3
4	GFDL / GFDL high res
5	CGCM3 / RCM3
6	CCSM / WRFP
Driving GCMs of the NARCCAP scenarios (without downscaling)	
7	CGCM3
8	HadCM3
9	GFDL
10	CCSM
BCSD statistically downscaled scenarios	
11	CGCM3
12	HadCM3
13	GFDL
14	CCSM



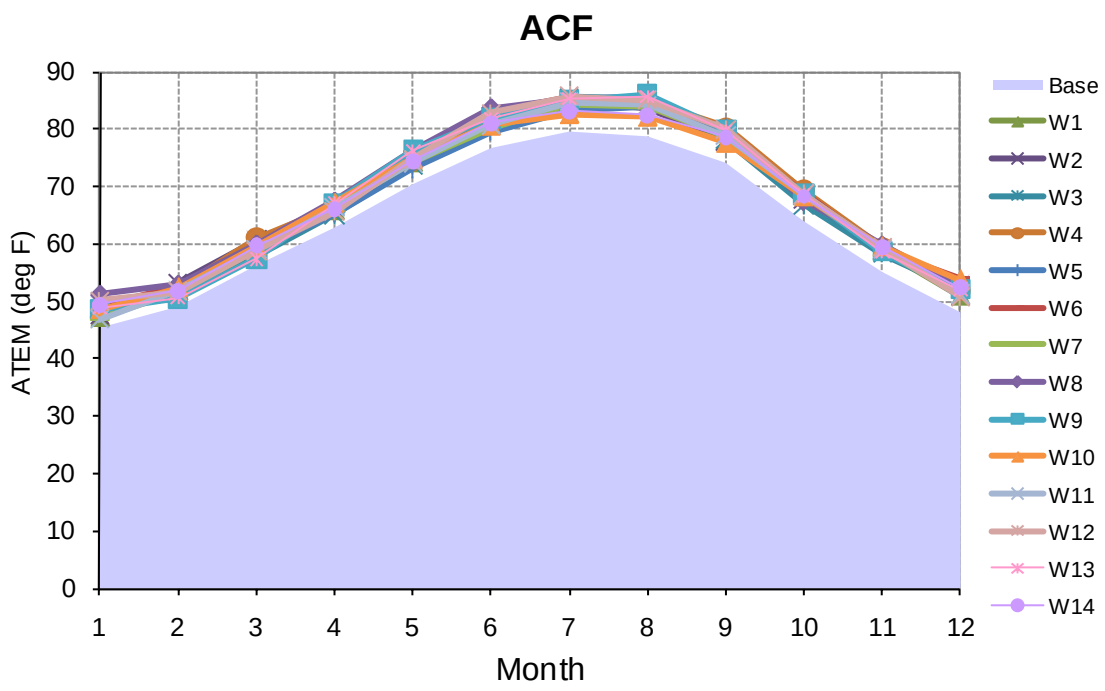
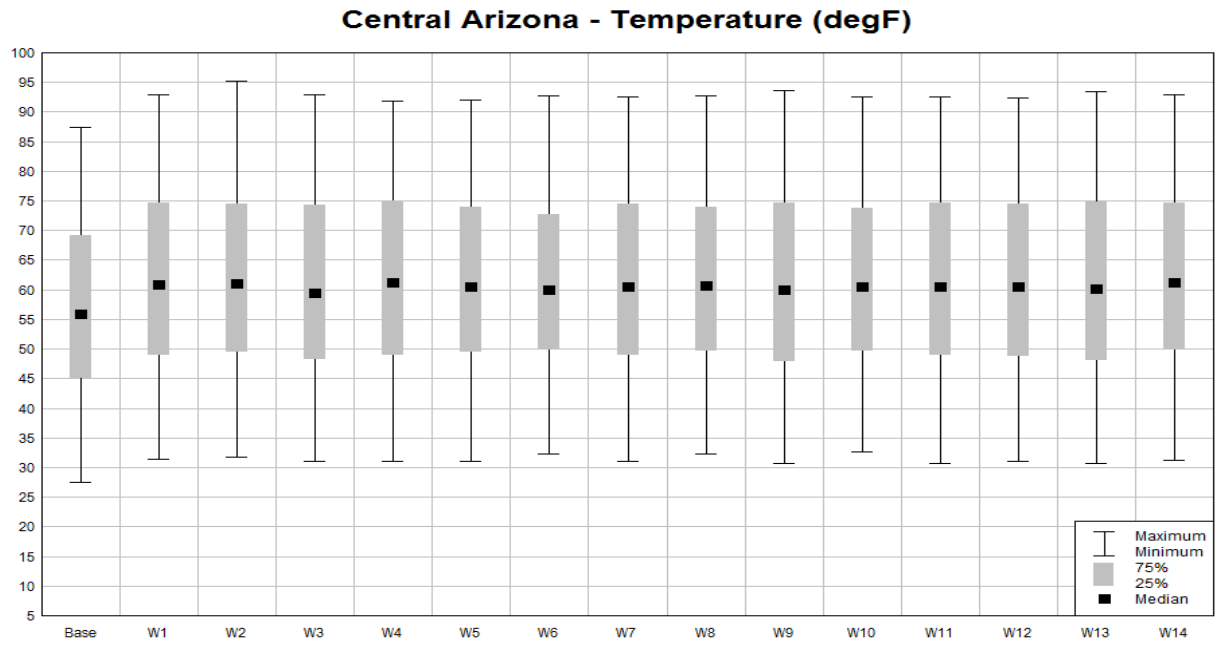


Figure Z-1. ACF: Comparison of climate scenario temperature for the ACF basin

Note: See Table Z-1 for key to climate scenarios.



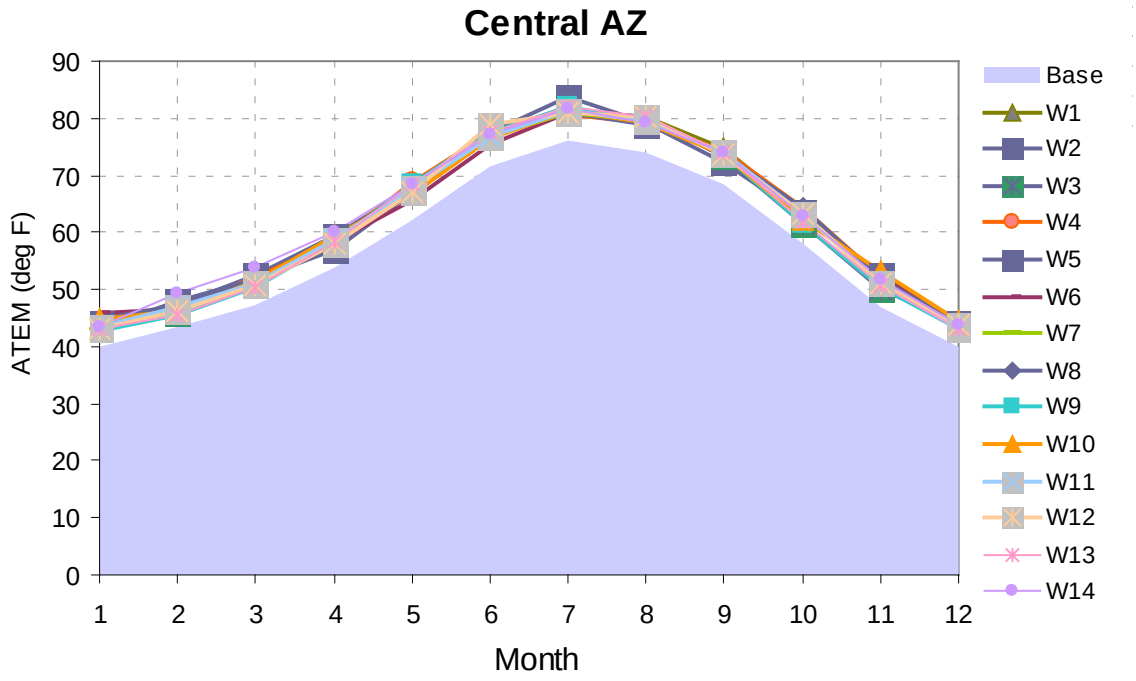
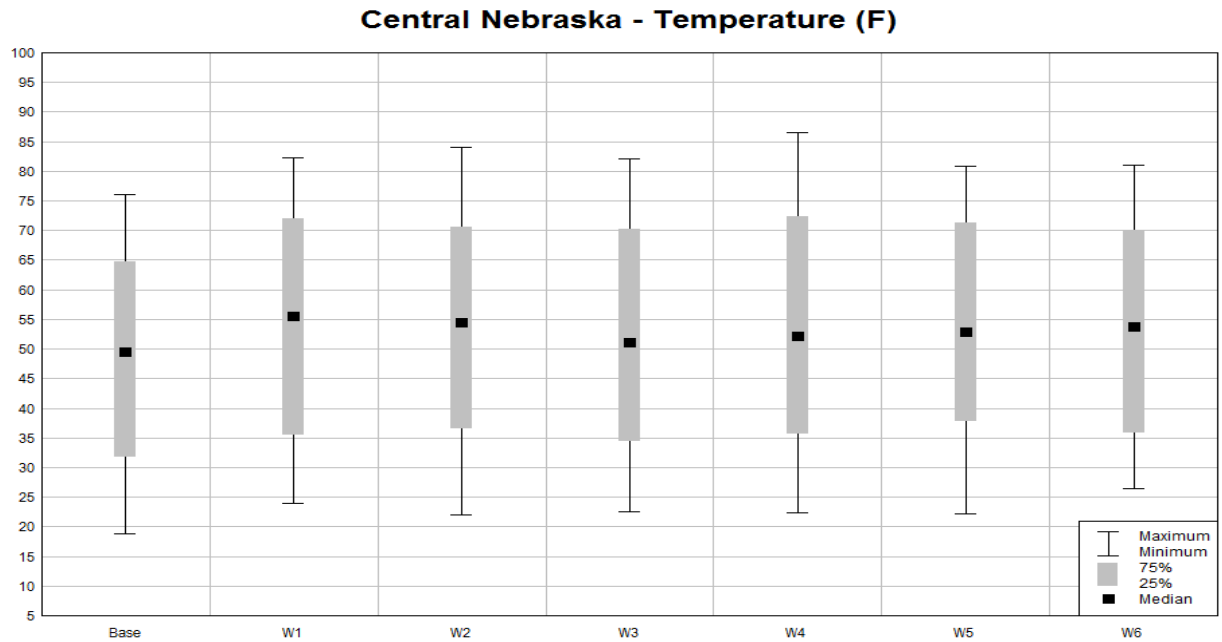


Figure Z-2. Ariz: Comparison of climate scenario temperature for the Salt, Verde, and San Pedro basins

Note: See Table Z-1 for key to climate scenarios.



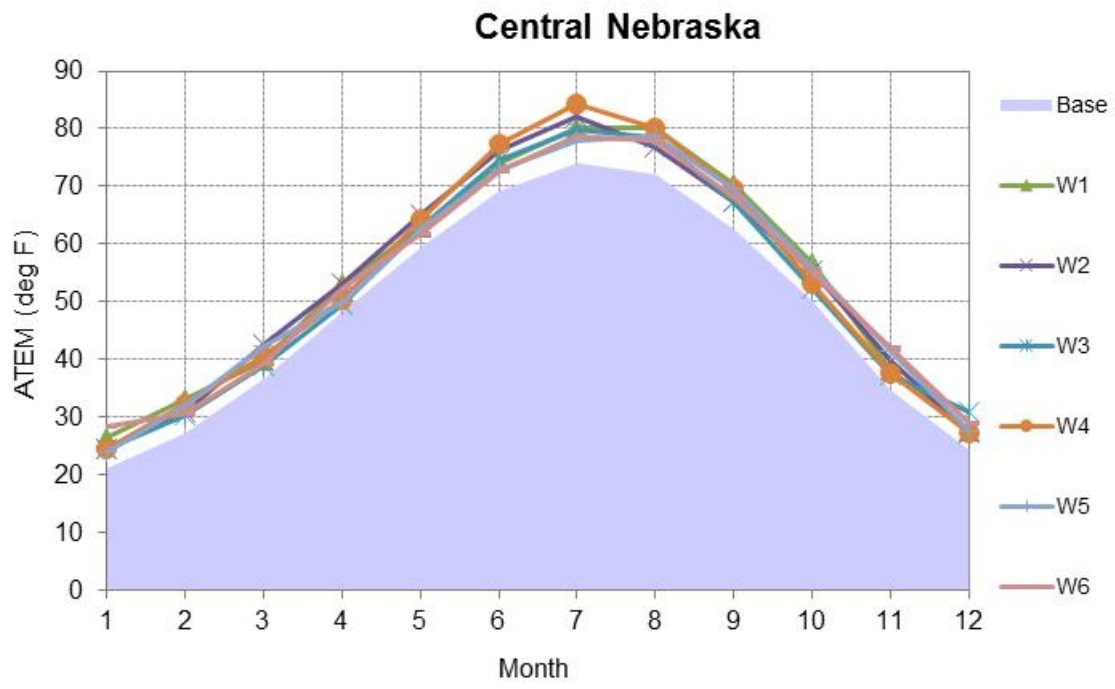
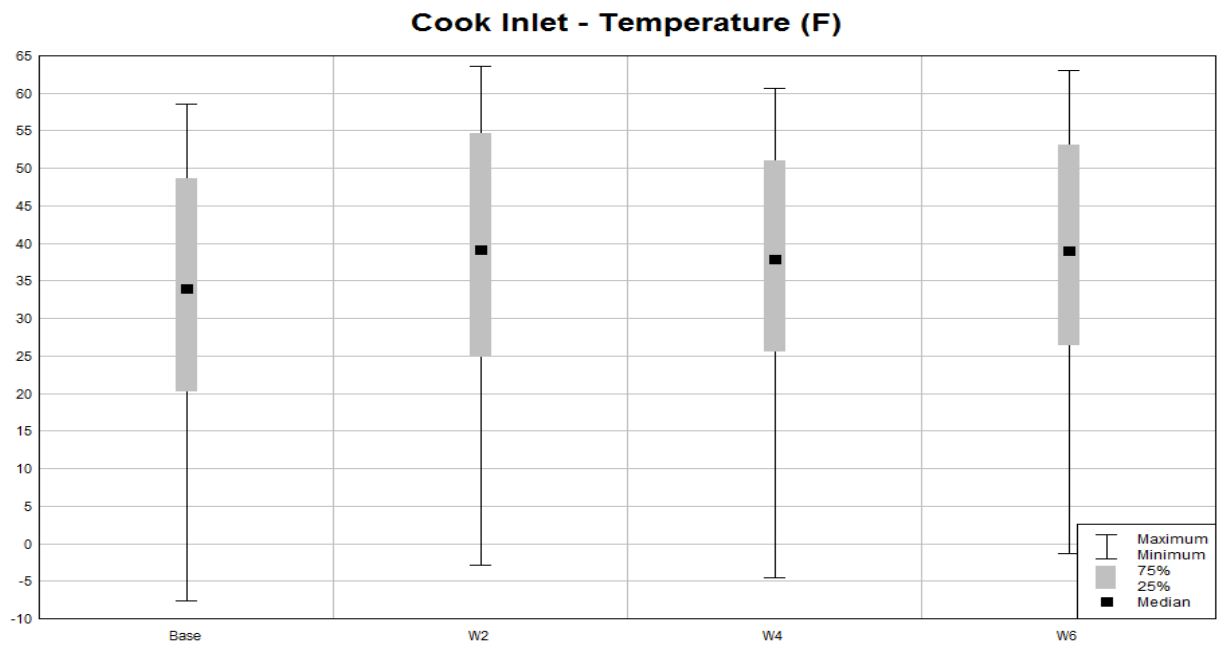


Figure Z-3. CenNeb: Comparison of climate scenario temperature for the Loup/Elkhorn River basins

Note: See Table Z-1 for key to climate scenarios.



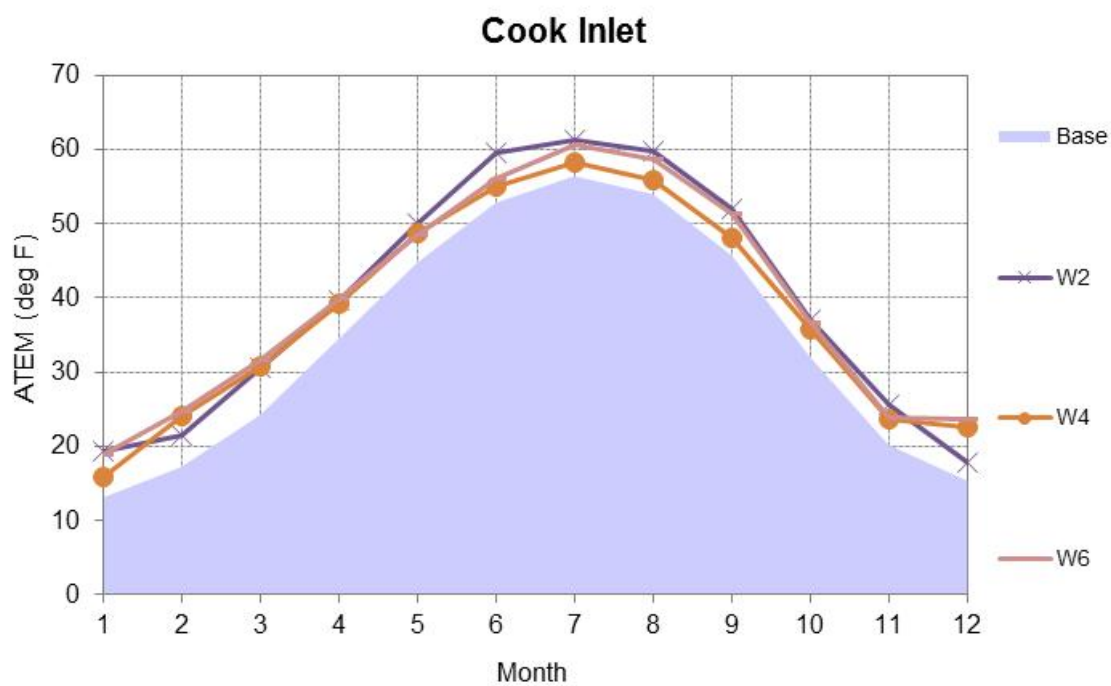
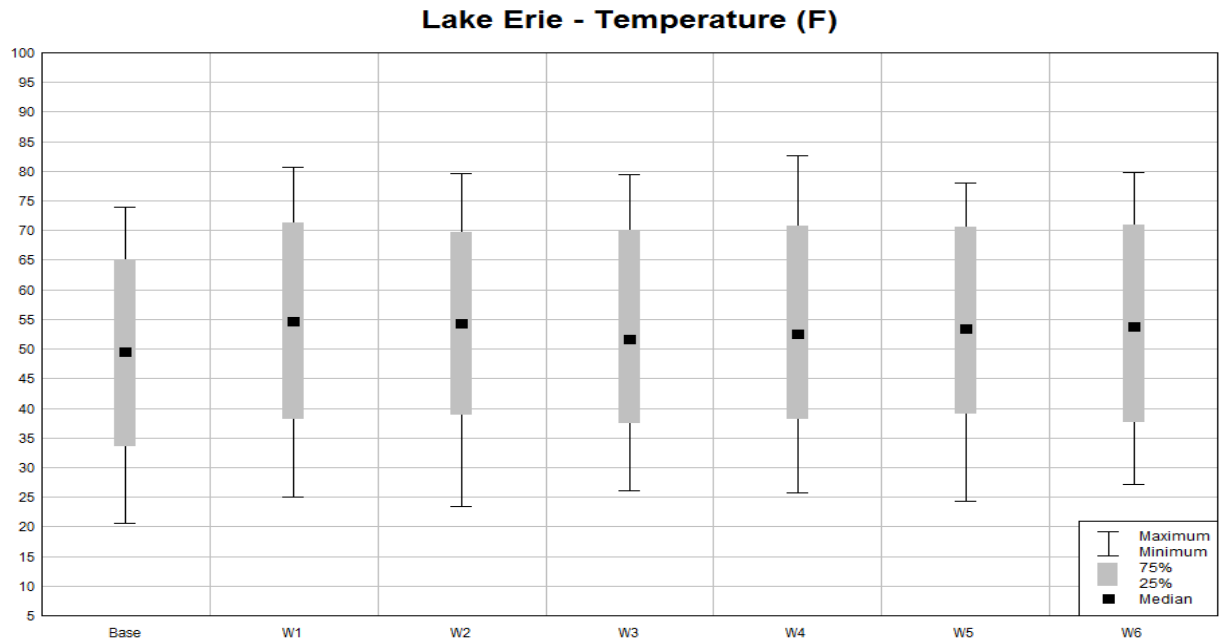


Figure Z-4. Cook: Comparison of climate scenario temperature for the Cook Inlet basin

Note: See Table Z-1 for key to climate scenarios.



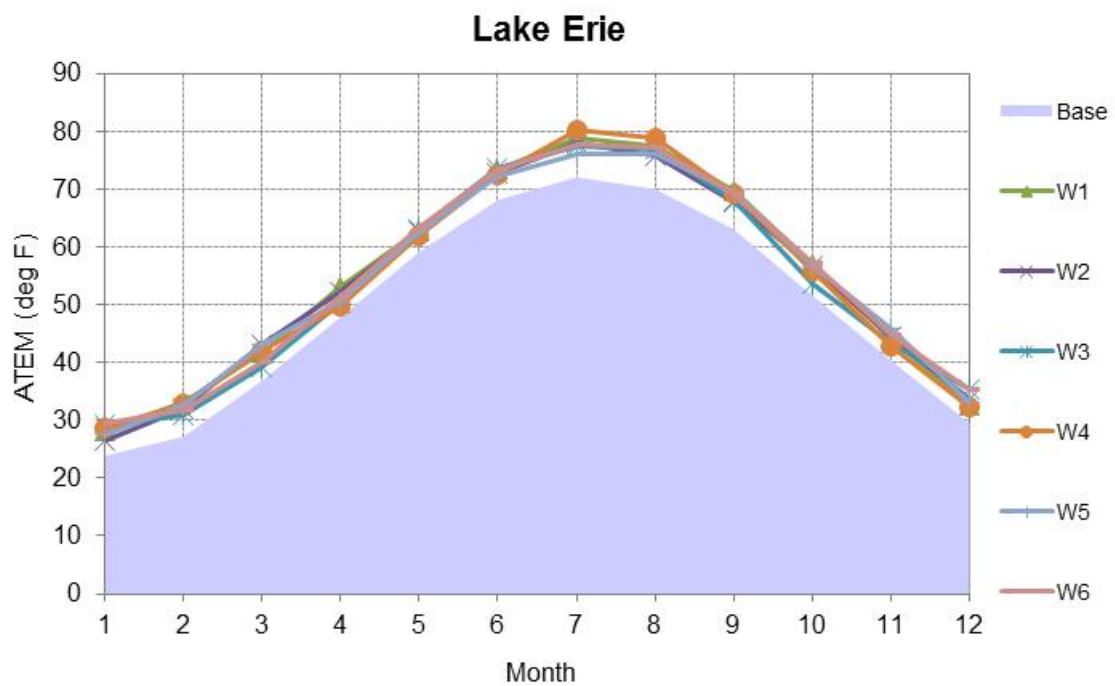
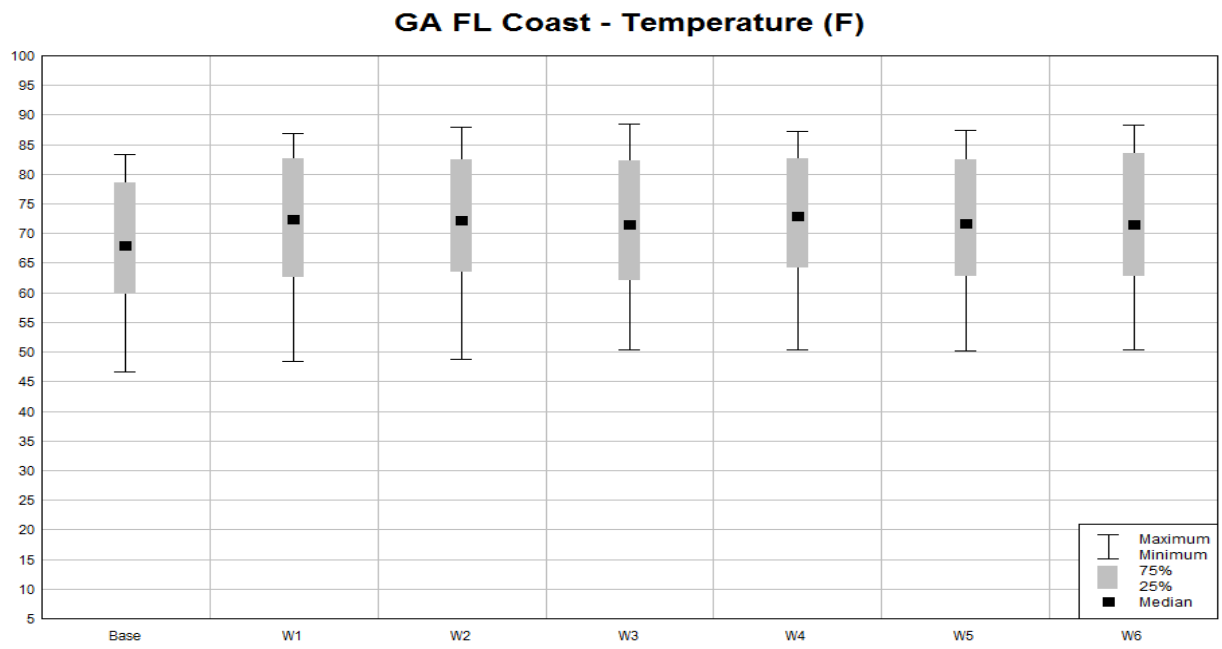


Figure Z-5. Erie: Comparison of climate scenario temperature for the Lake Erie Drainages

Note: See Table Z-1 for key to climate scenarios.



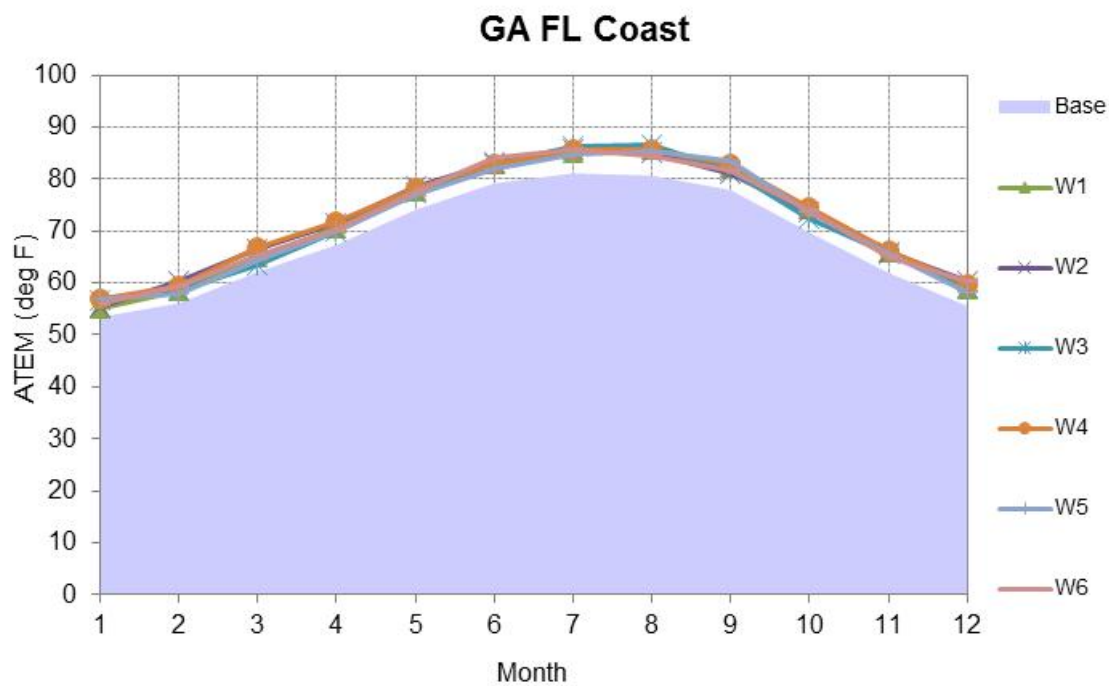
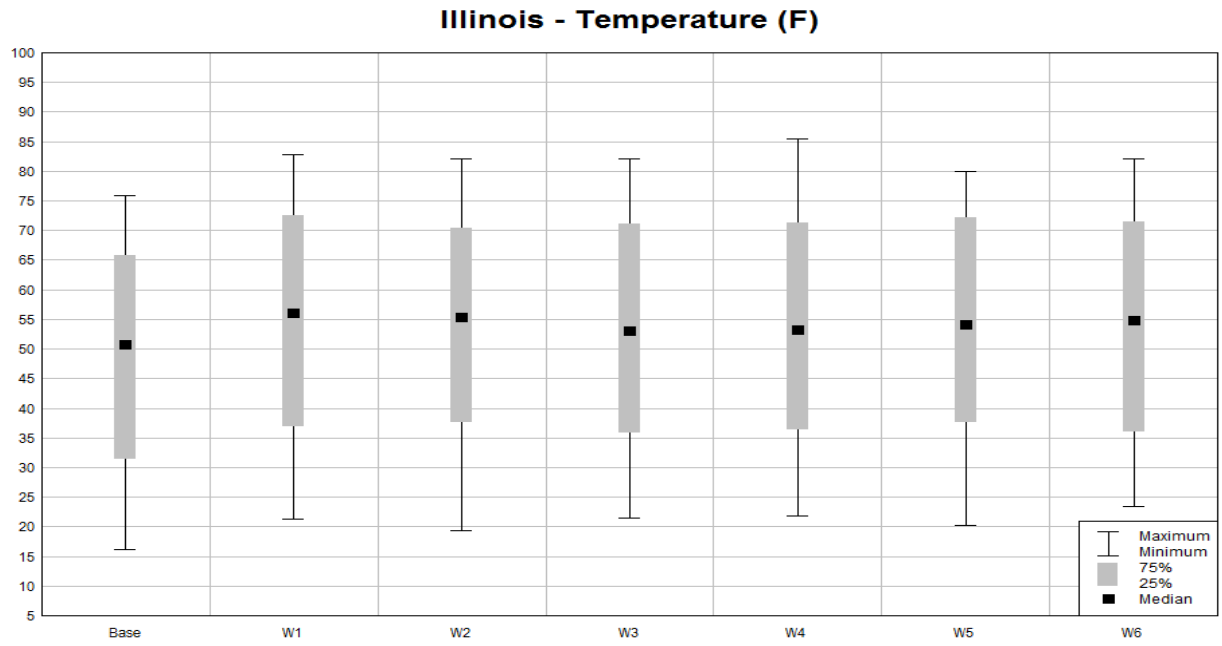


Figure Z-6. GaFla: Comparison of climate scenario temperature for the Georgia-Florida Coastal Plain

Note: See Table Z-1 for key to climate scenarios.



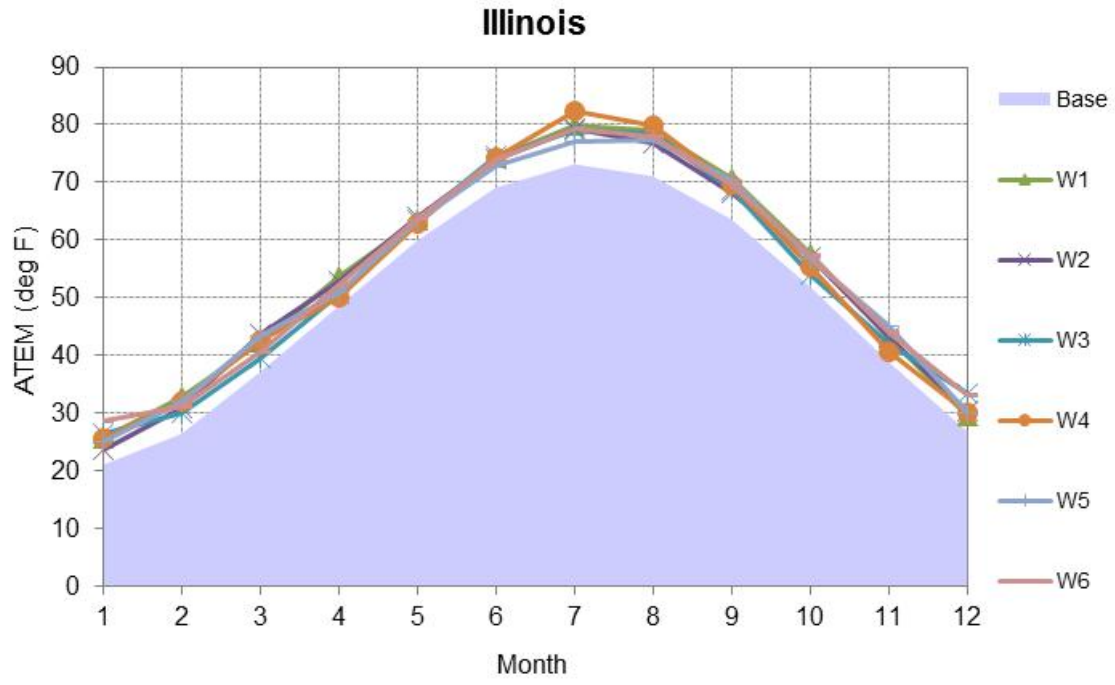
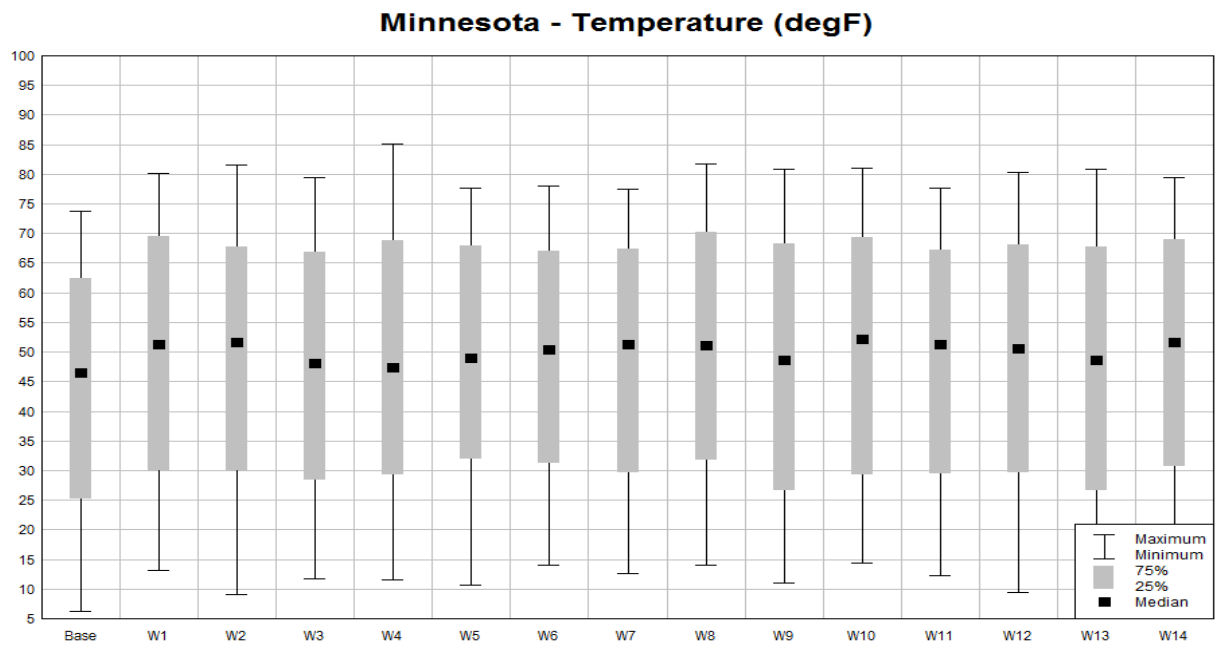


Figure Z- 7. Illin: Comparison of climate scenario temperature for the Illinois River basin

Note: See Table Z-1 for key to climate scenarios.



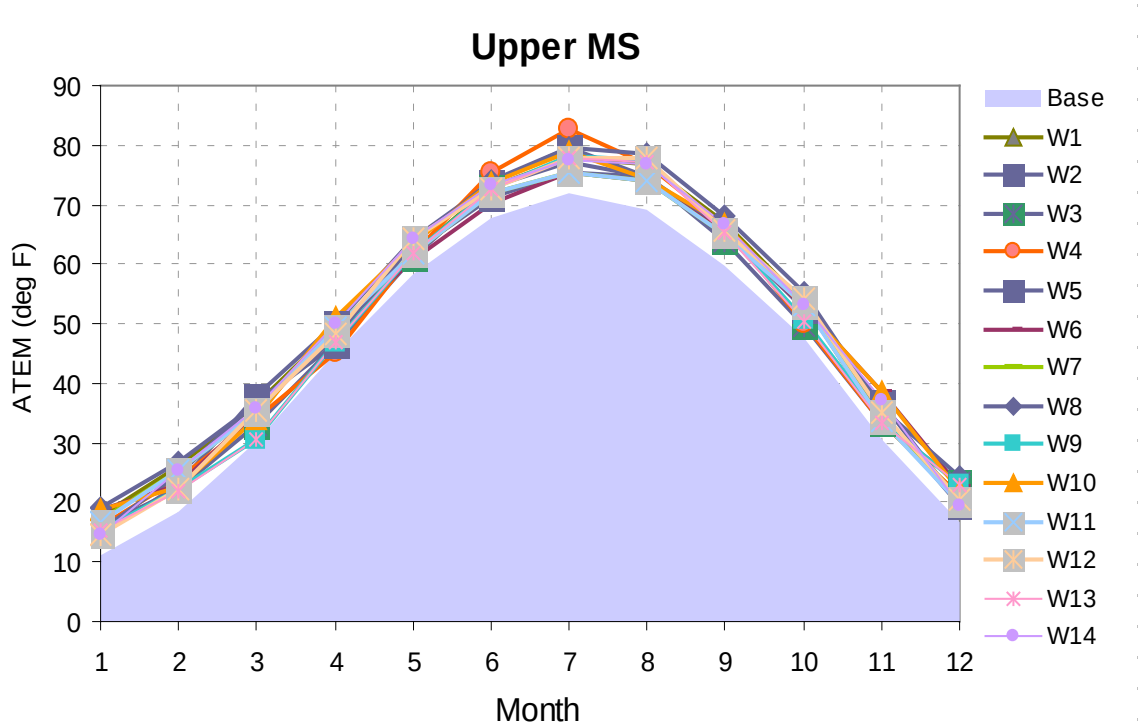
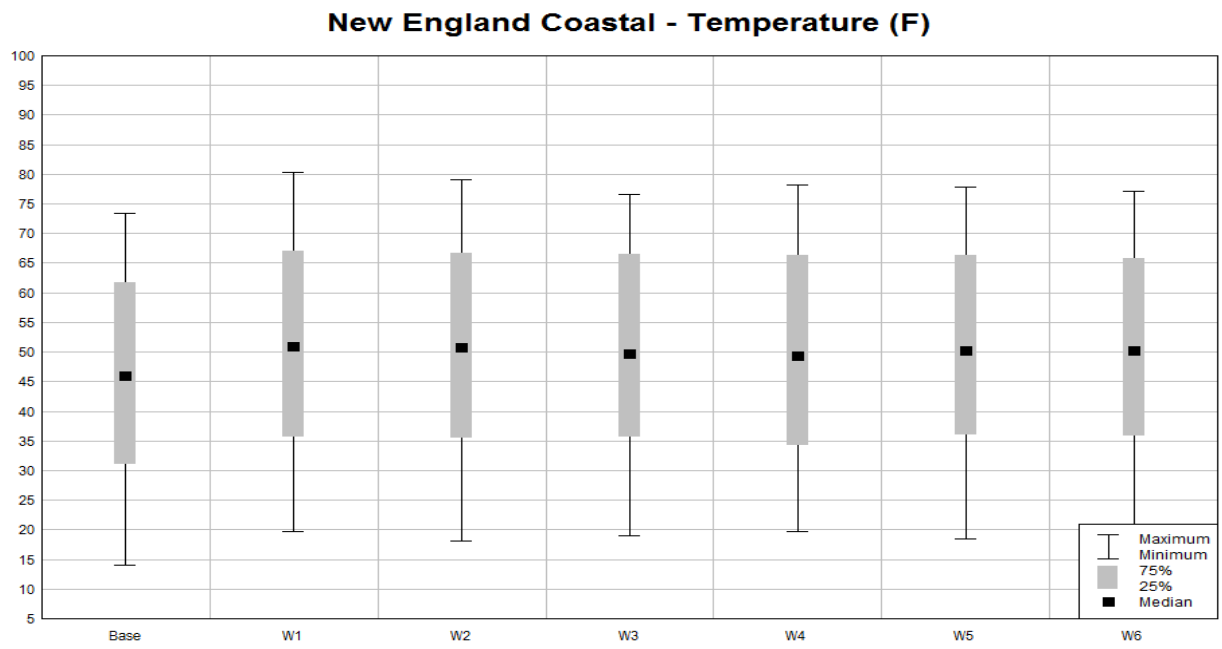


Figure Z-8. Minn: Comparison of climate scenario temperature for the Minnesota River (Upper Mississippi) basin

Note: See Table Z-1 for key to climate scenarios.



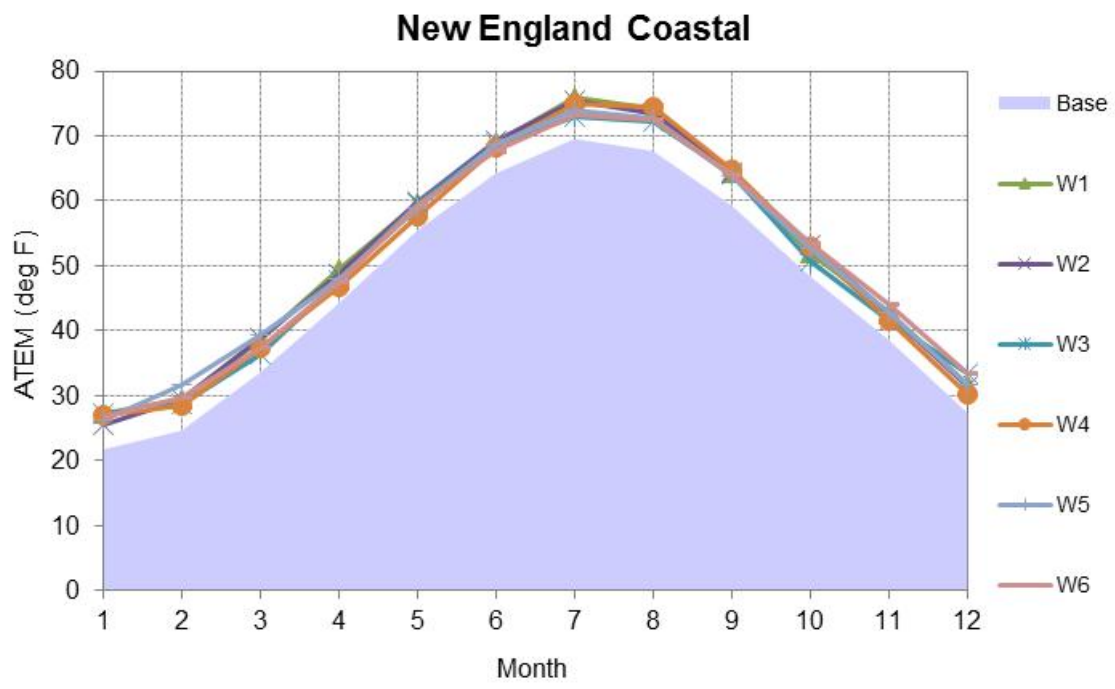
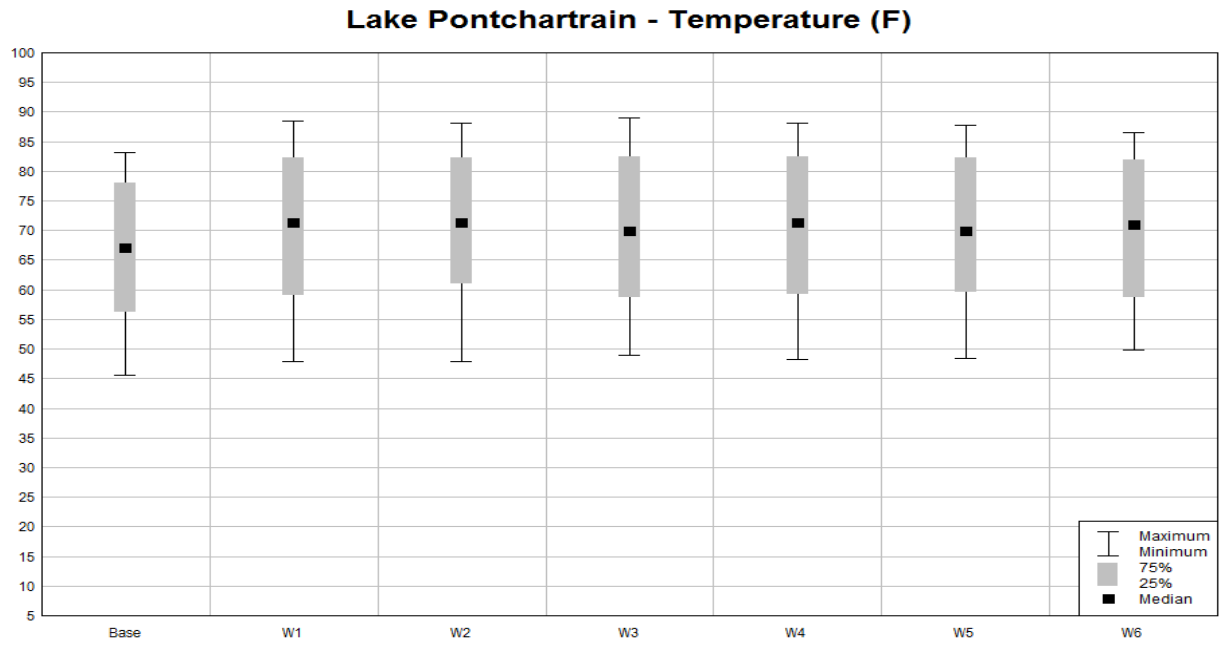


Figure Z- 9. NewEng: Comparison of climate scenario temperature for the New England Coastal basins

Note: See Table Z-1 for key to climate scenarios.



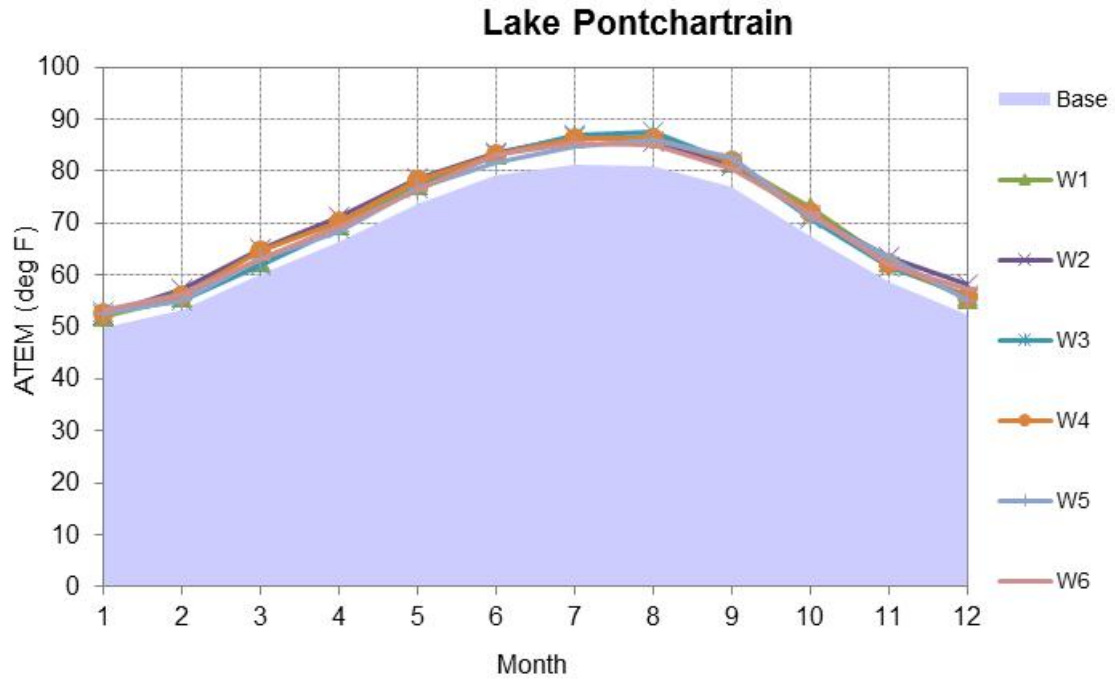
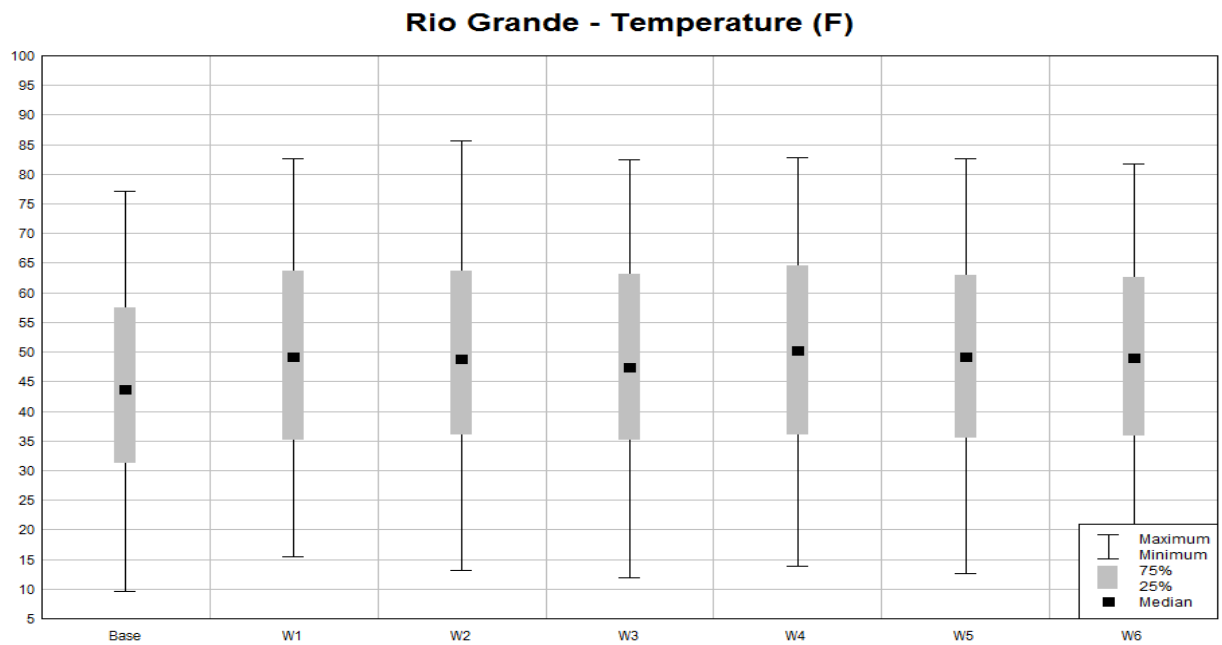


Figure Z-10. Pont: Comparison of climate scenario temperature for the Lake Pontchartrain drainage

Note: See Table Z-1 for key to climate scenarios.



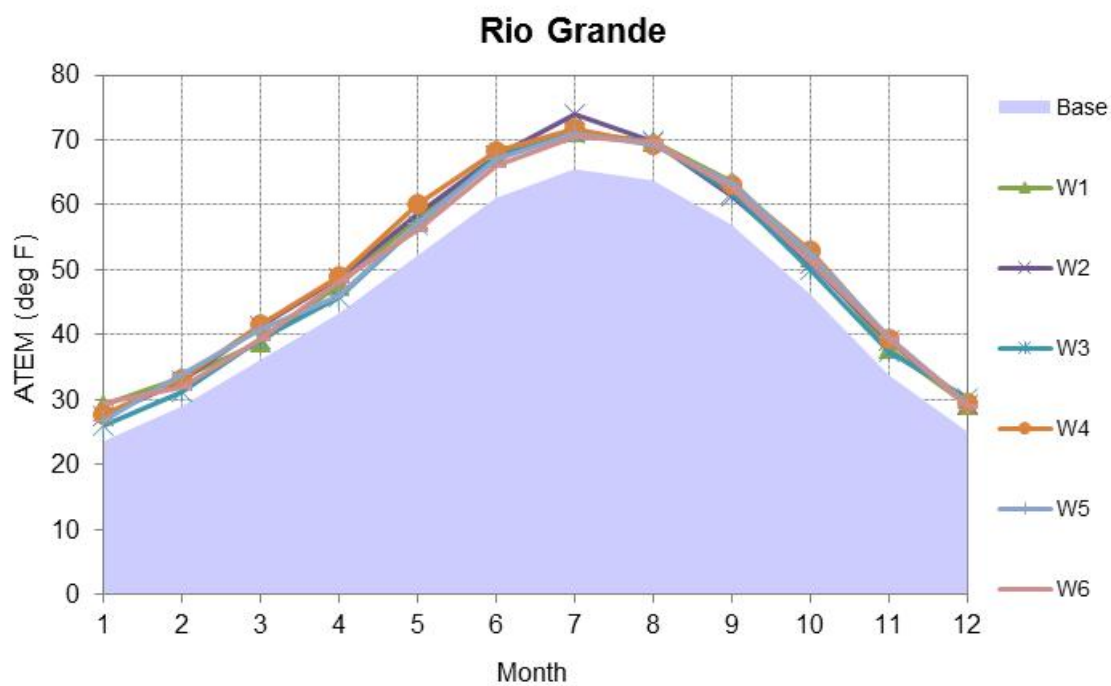
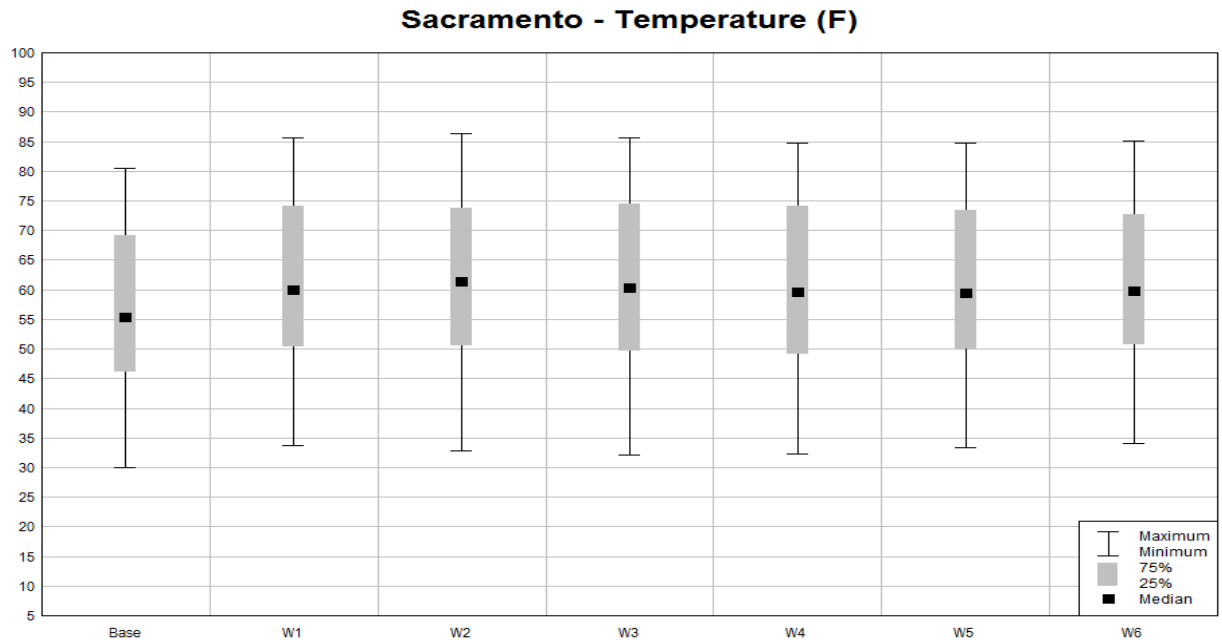


Figure Z-11. RioGra: Comparison of climate scenario temperature for the Rio Grande Valley

Note: See Table Z-1 for key to climate scenarios.



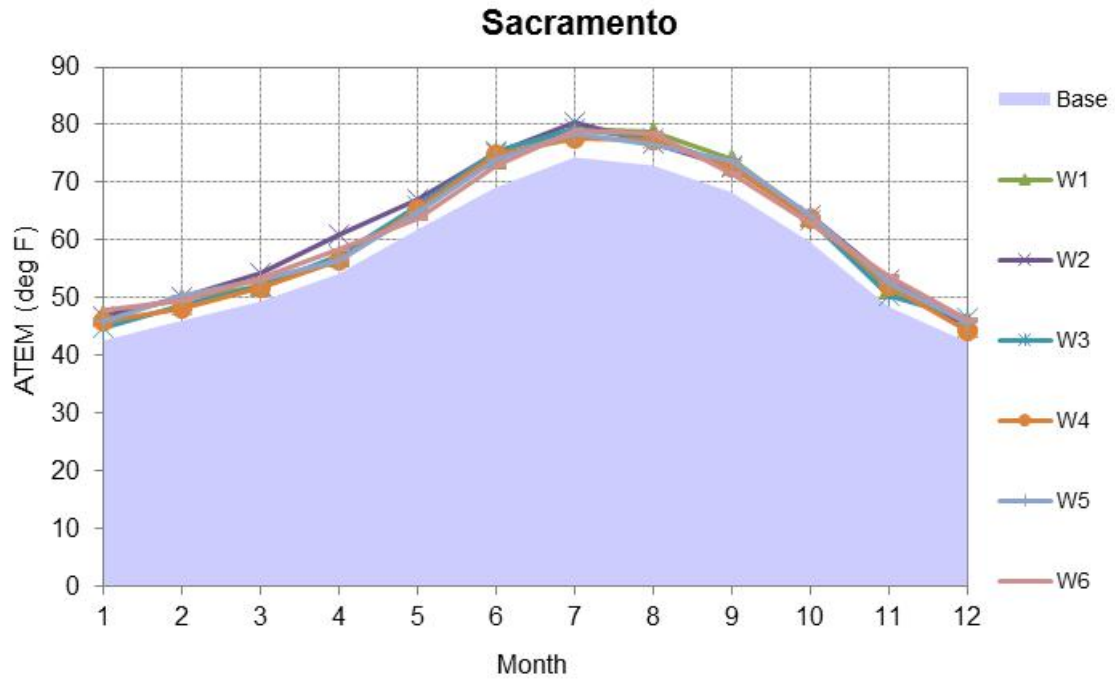
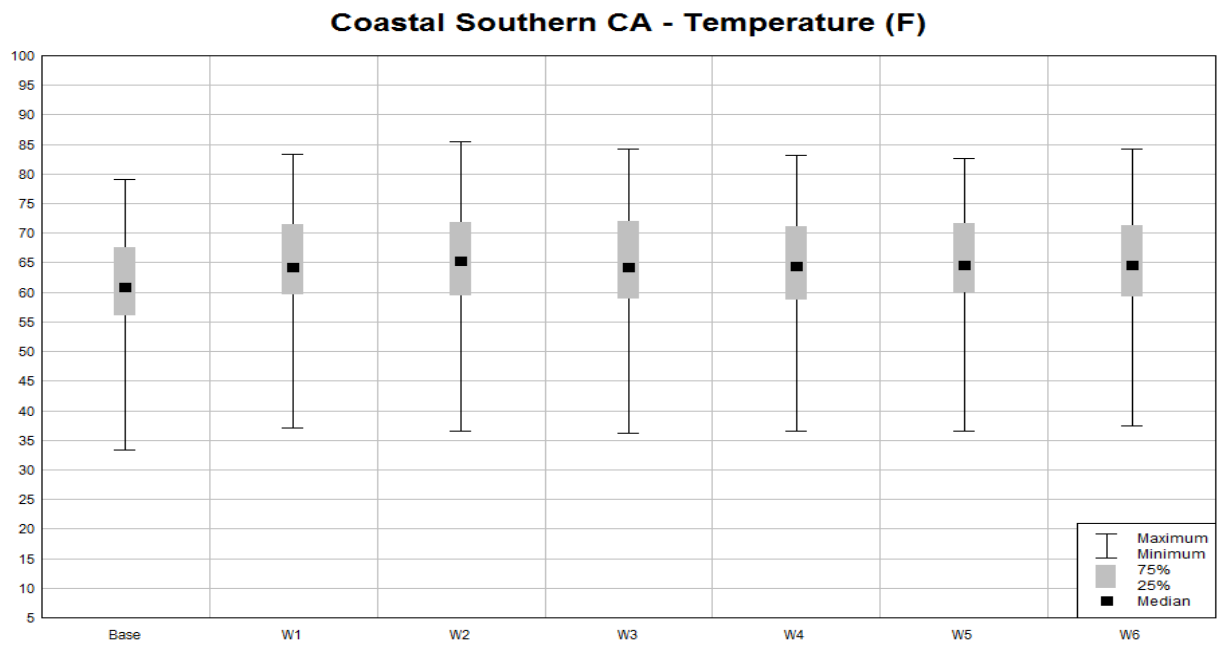


Figure Z-12. Sac: Comparison of climate scenario temperature for the Sacramento River basin

Note: See Table Z-1 for key to climate scenarios.



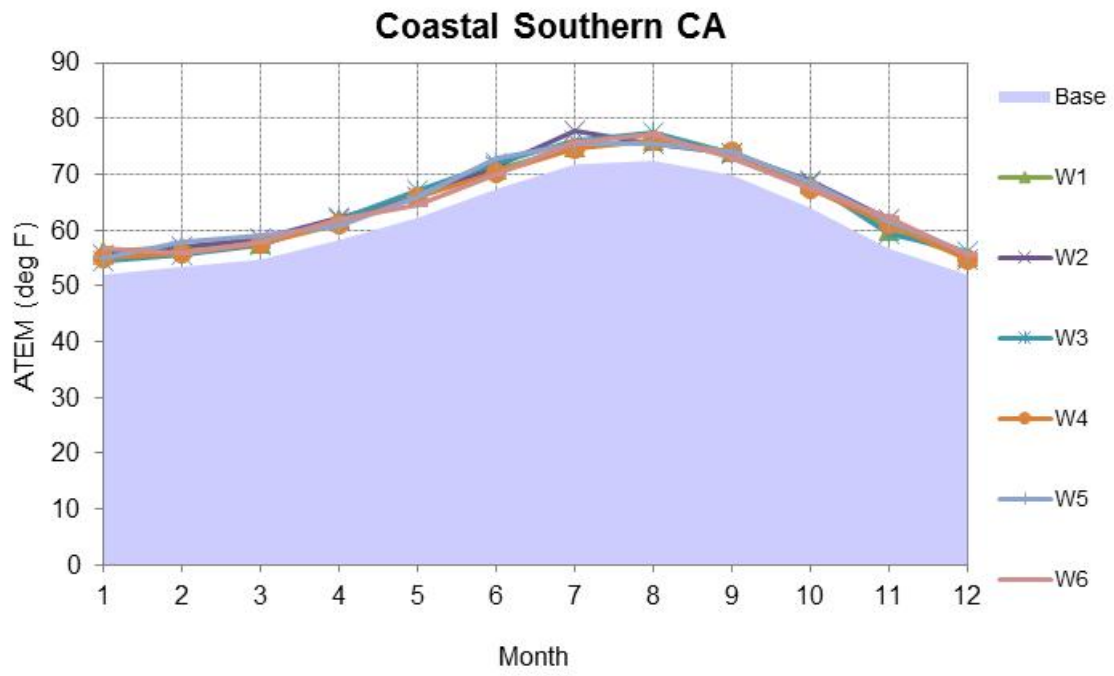
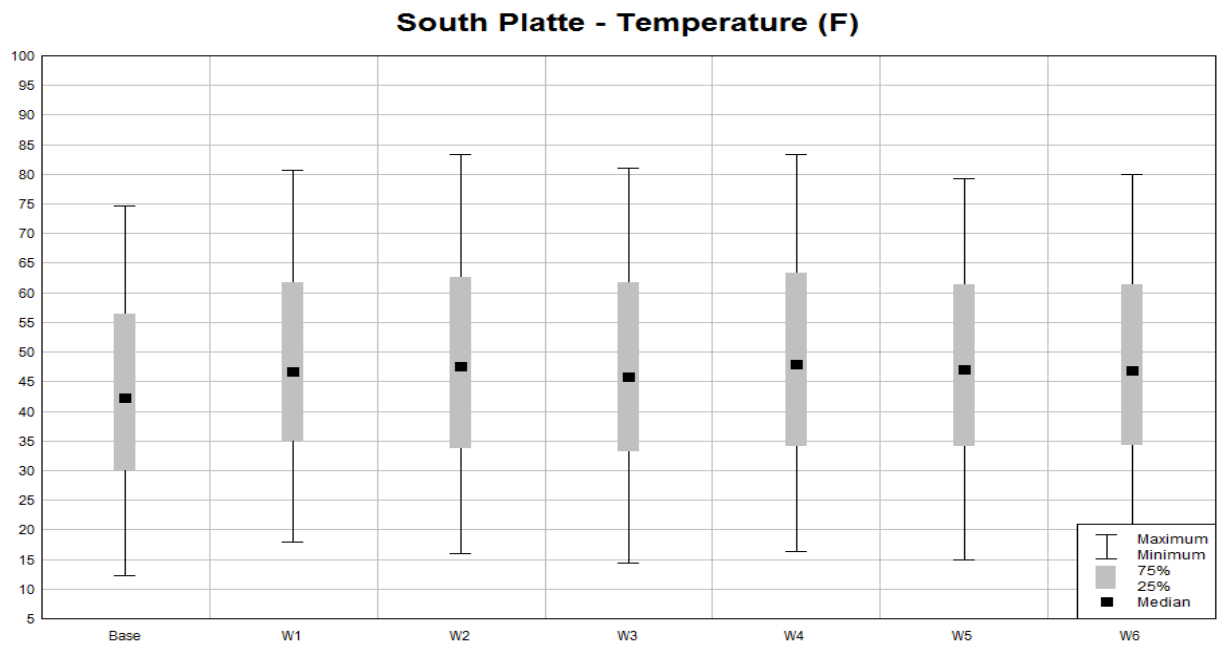


Figure Z-13. SoCal: Comparison of climate scenario temperature for the Coastal Southern California basins

Note: See Table Z-1 for key to climate scenarios.



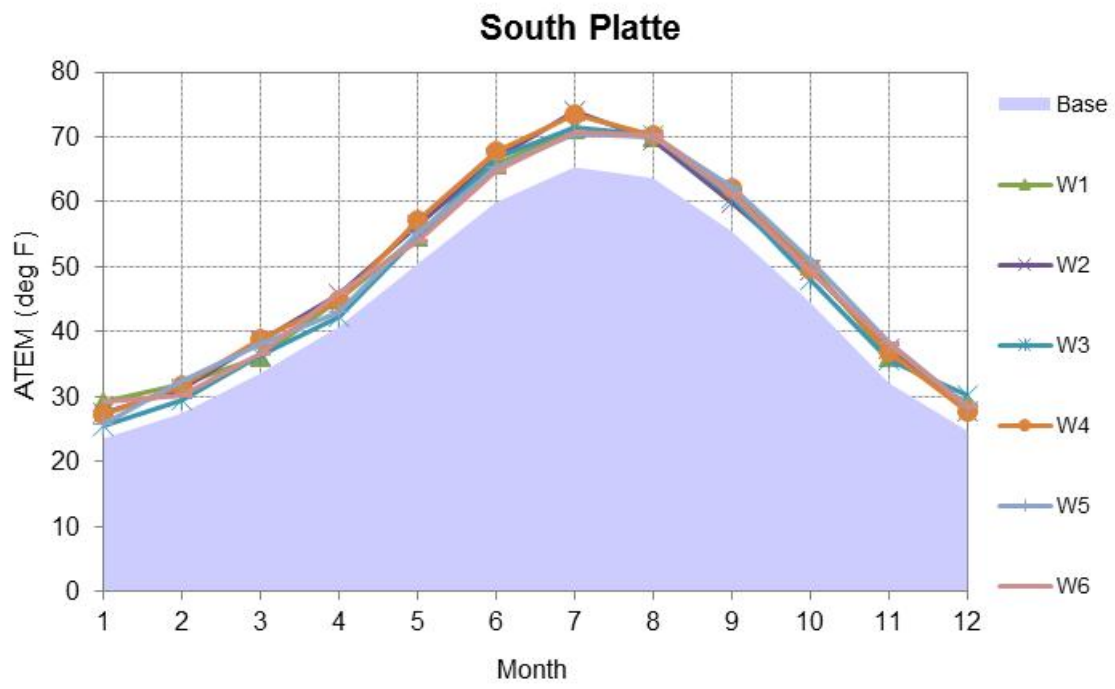
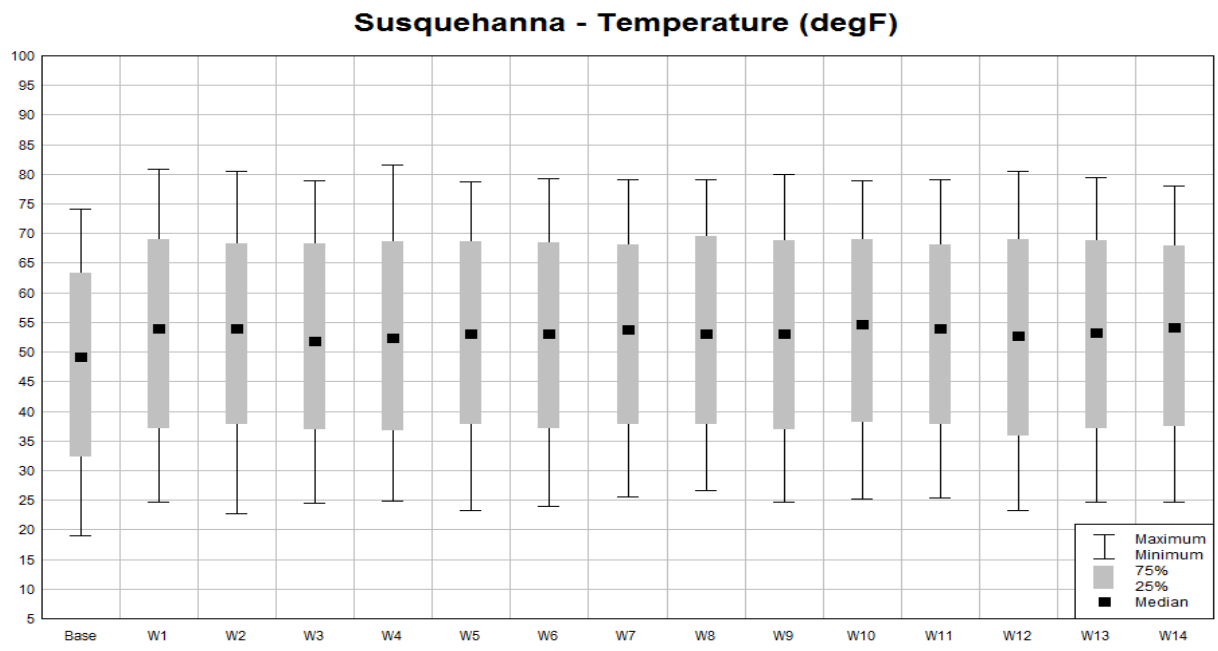


Figure Z-14. SoPlat: Comparison of climate scenario temperature for the South Platte River basin

Note: See Table Z-1 for key to climate scenarios.



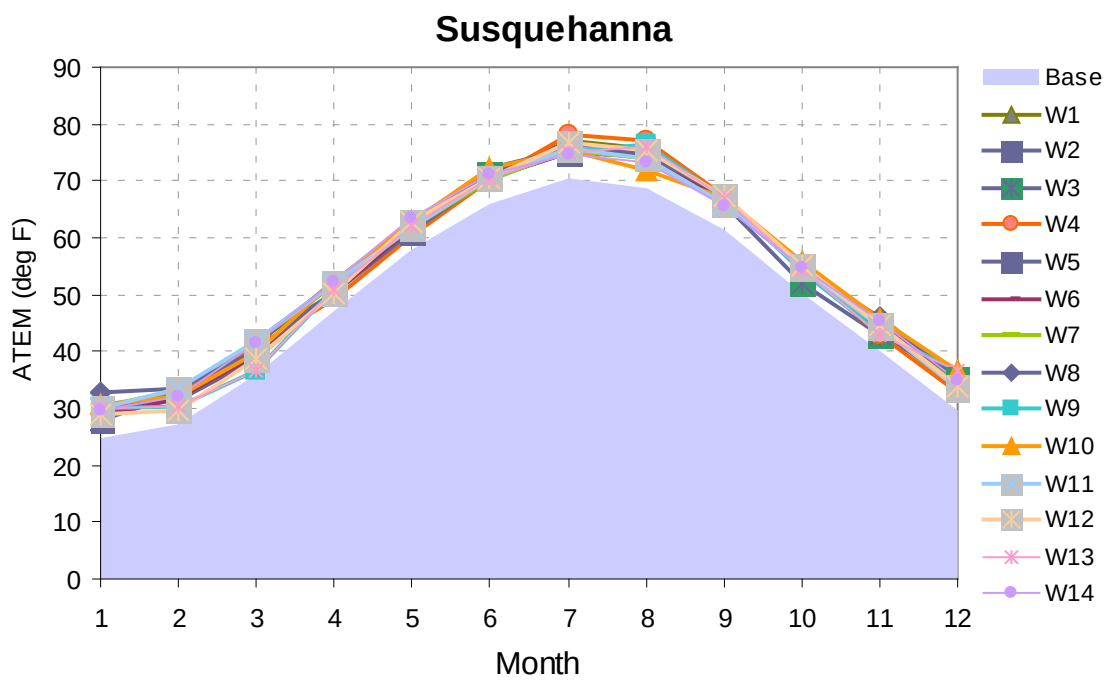
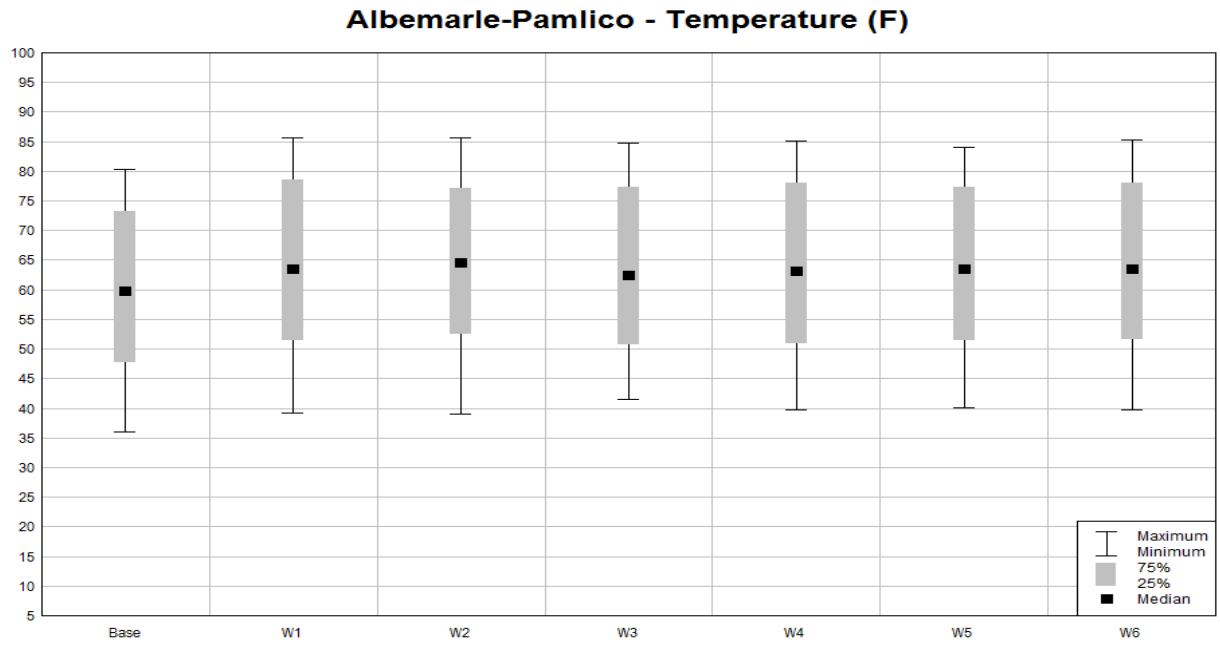


Figure Z-15. Susq: Comparison of climate scenario temperature for the Susquehanna River basin

Note: See Table Z-1 for key to climate scenarios.



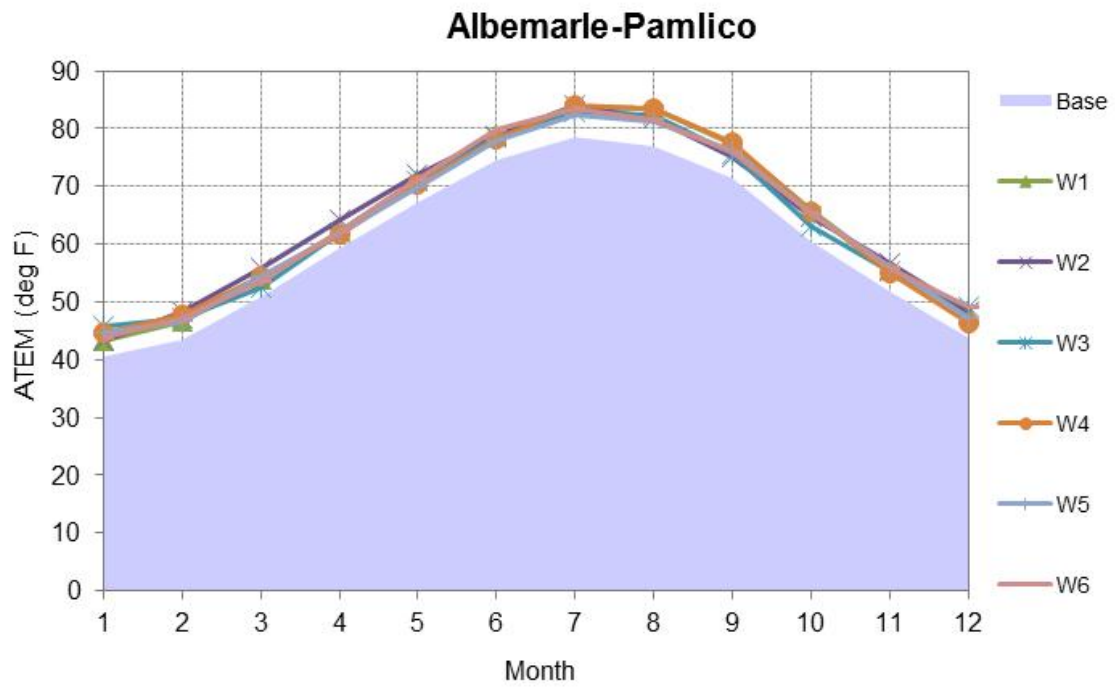
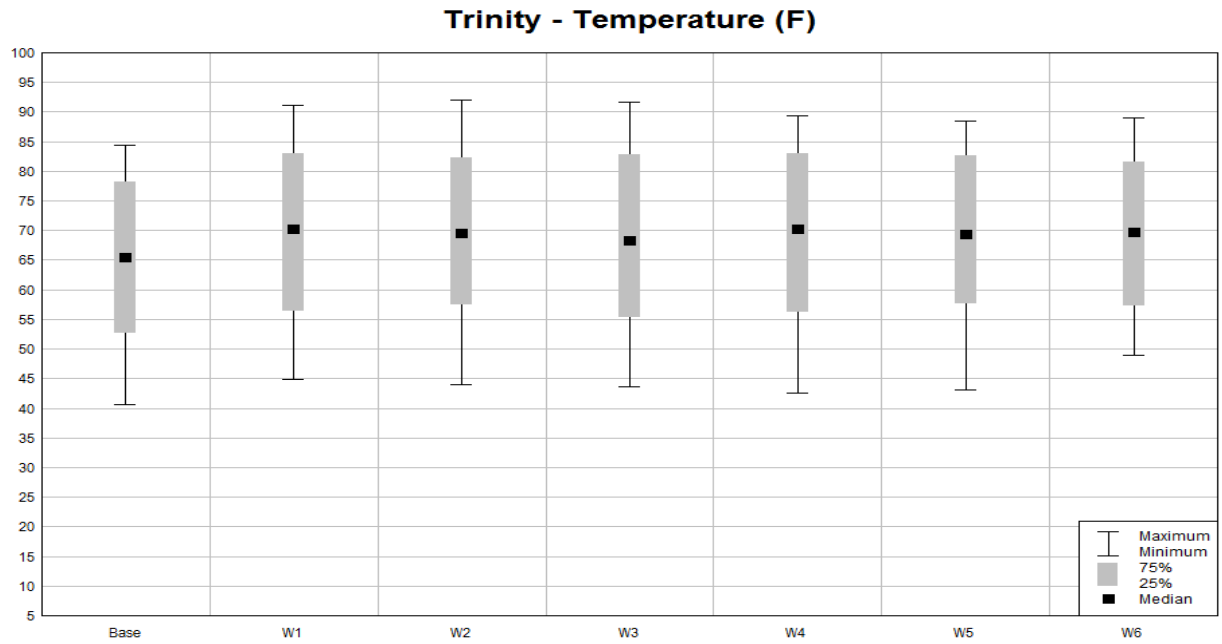


Figure Z-16. TarNeu: Comparison of climate scenario temperature for the Tar and Neuse River basins

Note: See Table Z-1 for key to climate scenarios.



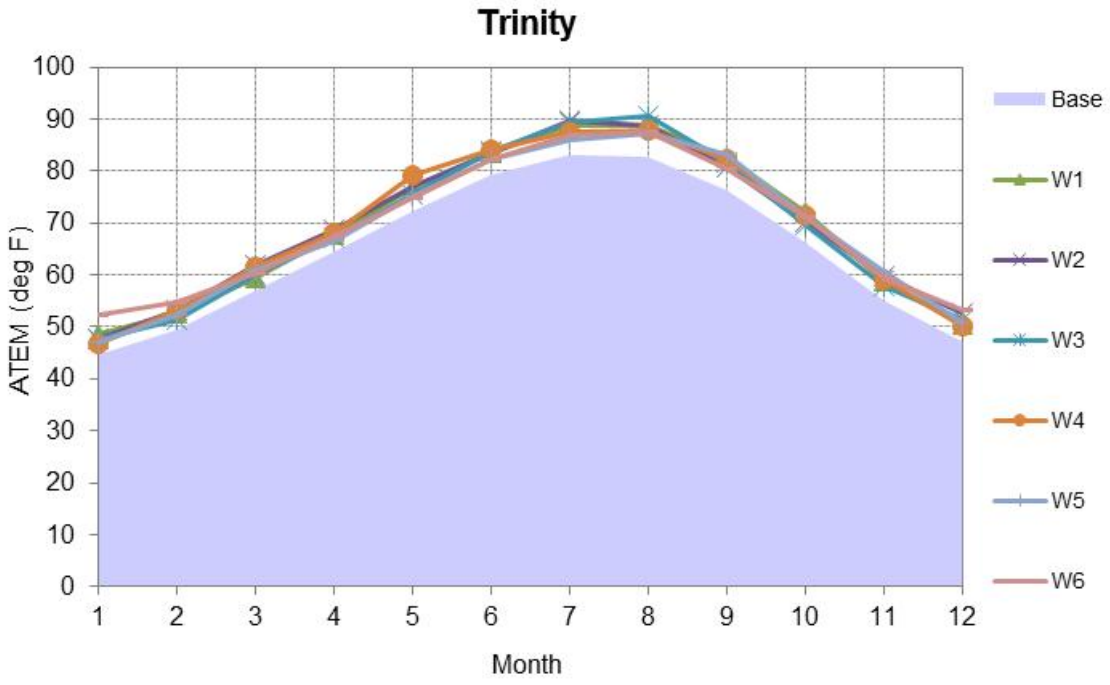
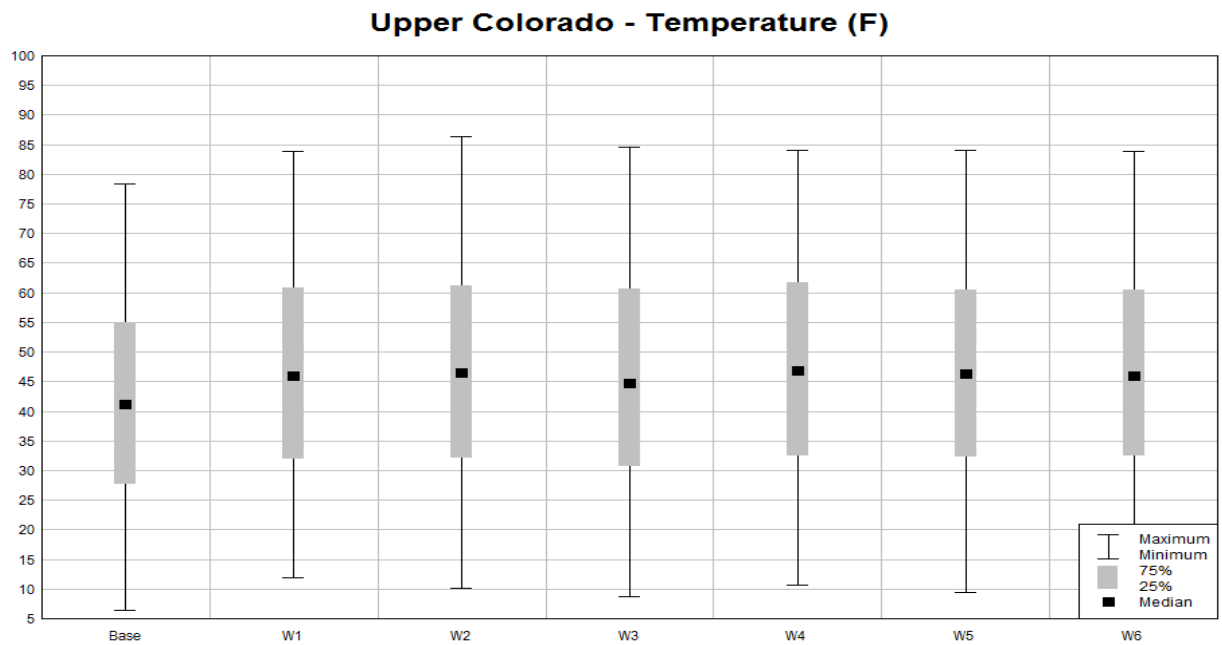


Figure Z-17. Trin: Comparison of climate scenario temperature for the Trinity River basin

Note: See Table Z-1 for key to climate scenarios.



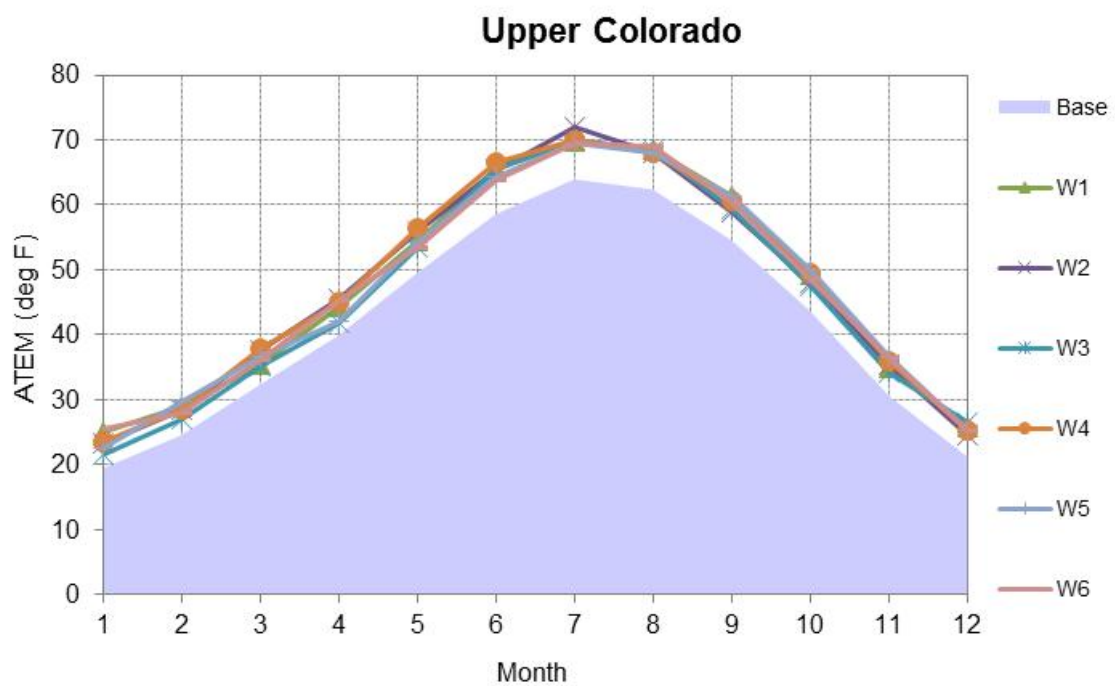
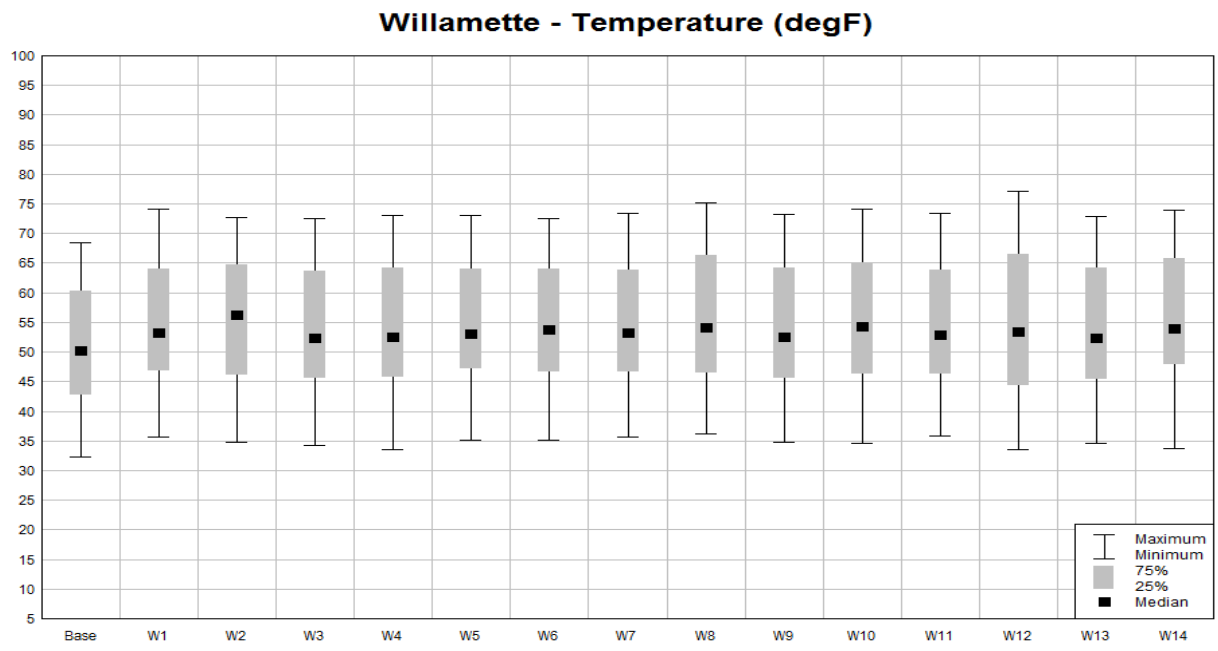


Figure Z-18. UppCol: Comparison of climate scenario temperature for the Upper Colorado River basin

Note: See Table Z-1 for key to climate scenarios.



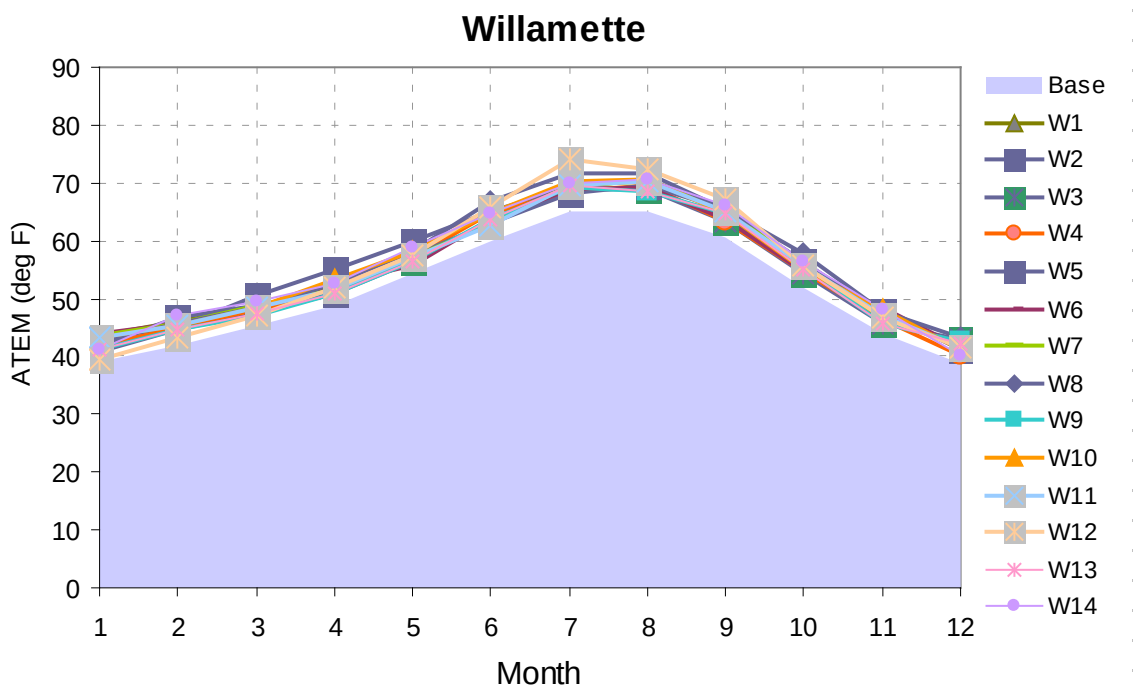
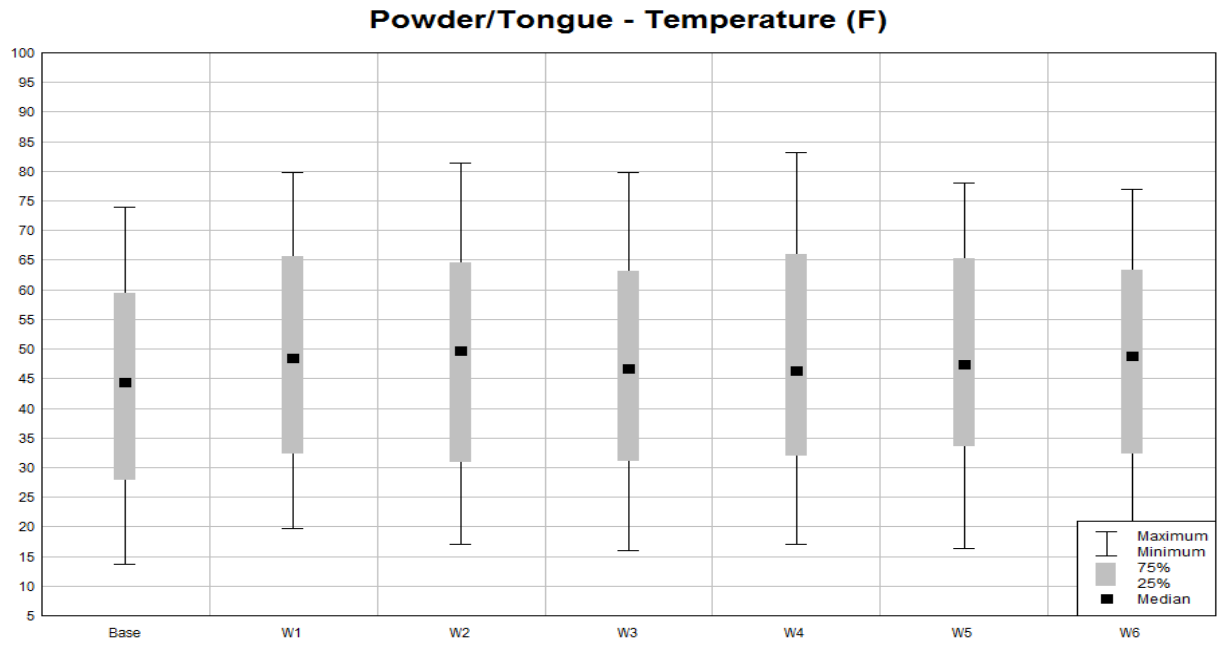


Figure Z-19. Willa: Comparison of climate scenario temperature for the Willamette River basin

Note: See Table Z-1 for key to climate scenarios.



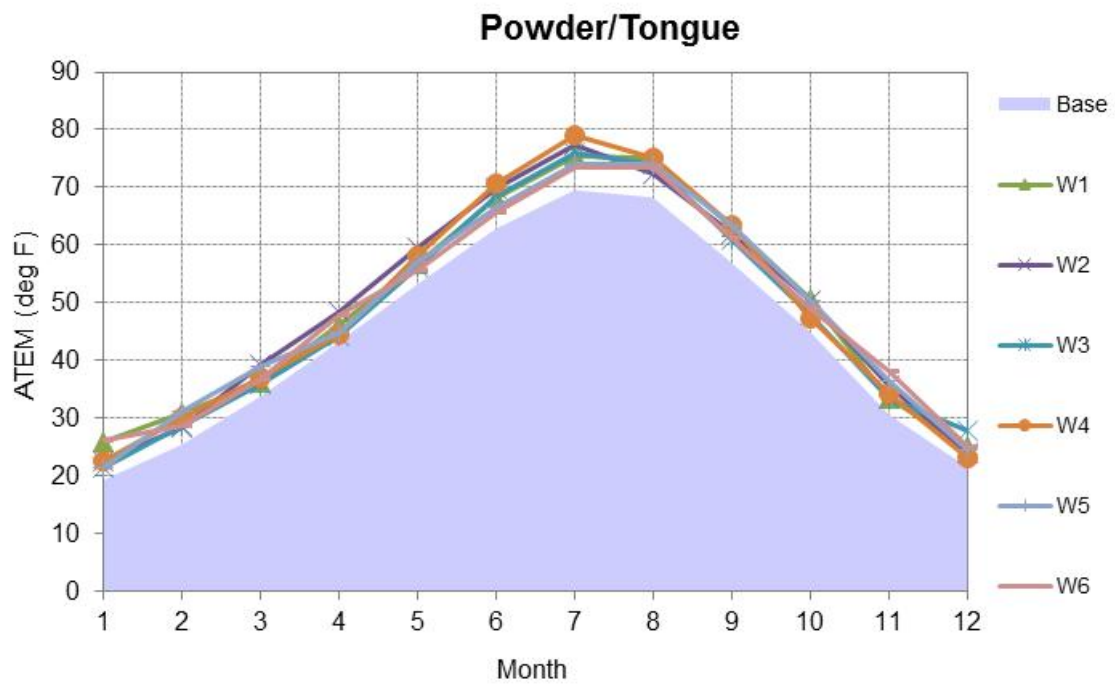
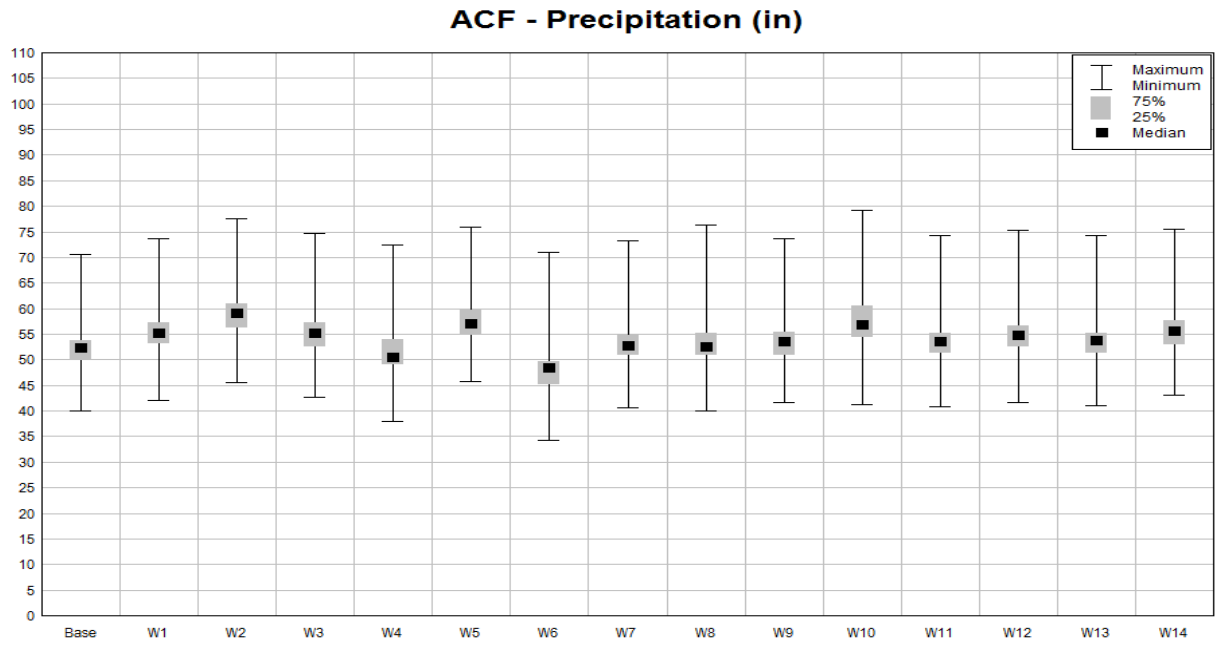


Figure Z-20. Yellow: Comparison of climate scenario temperature for the Powder/Tongue River basins

Note: See Table Z-1 for key to climate scenarios.



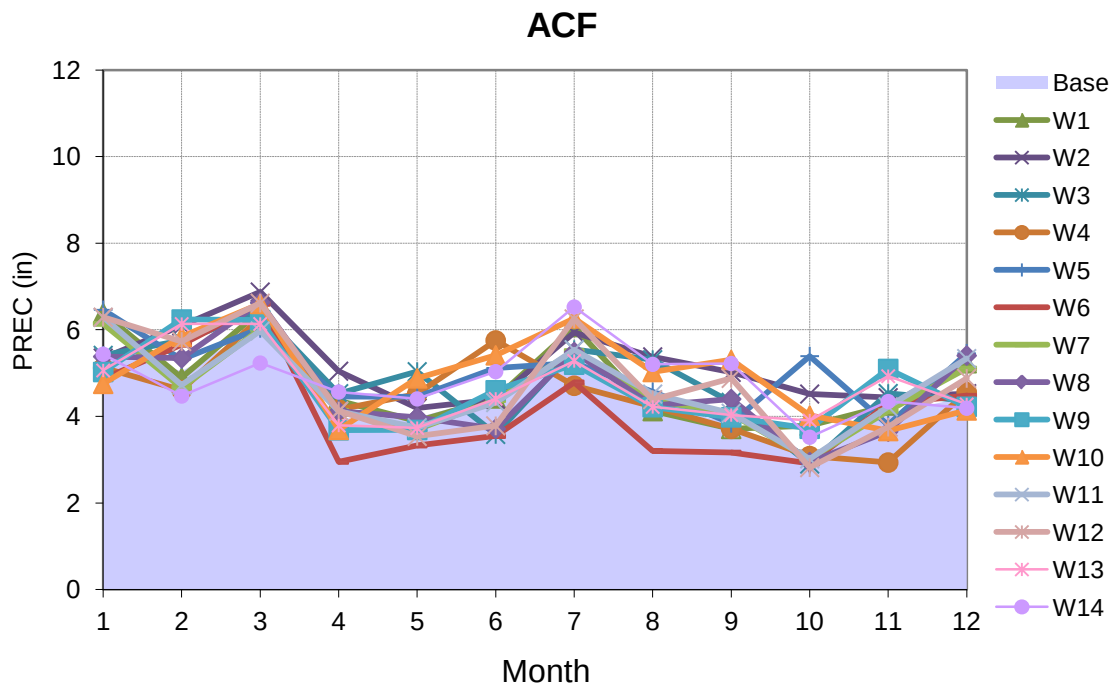
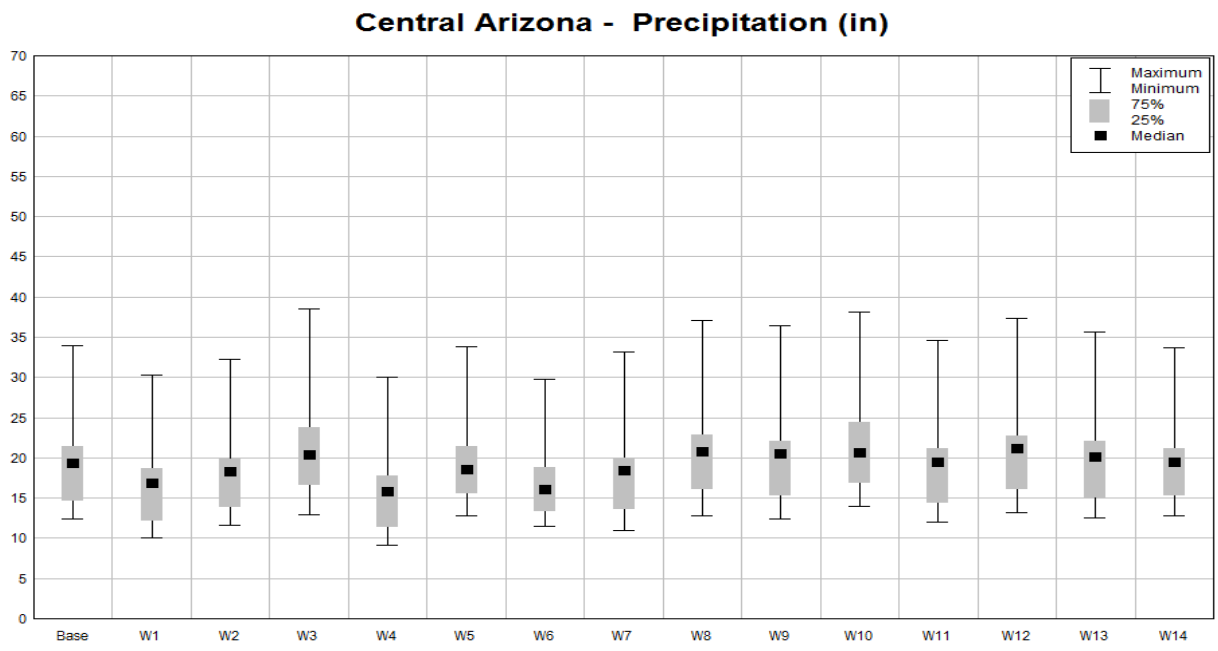


Figure Z-21. ACF: Comparison of climate scenario precipitation for the ACF basin

Note: See Table Z-1 for key to climate scenarios.



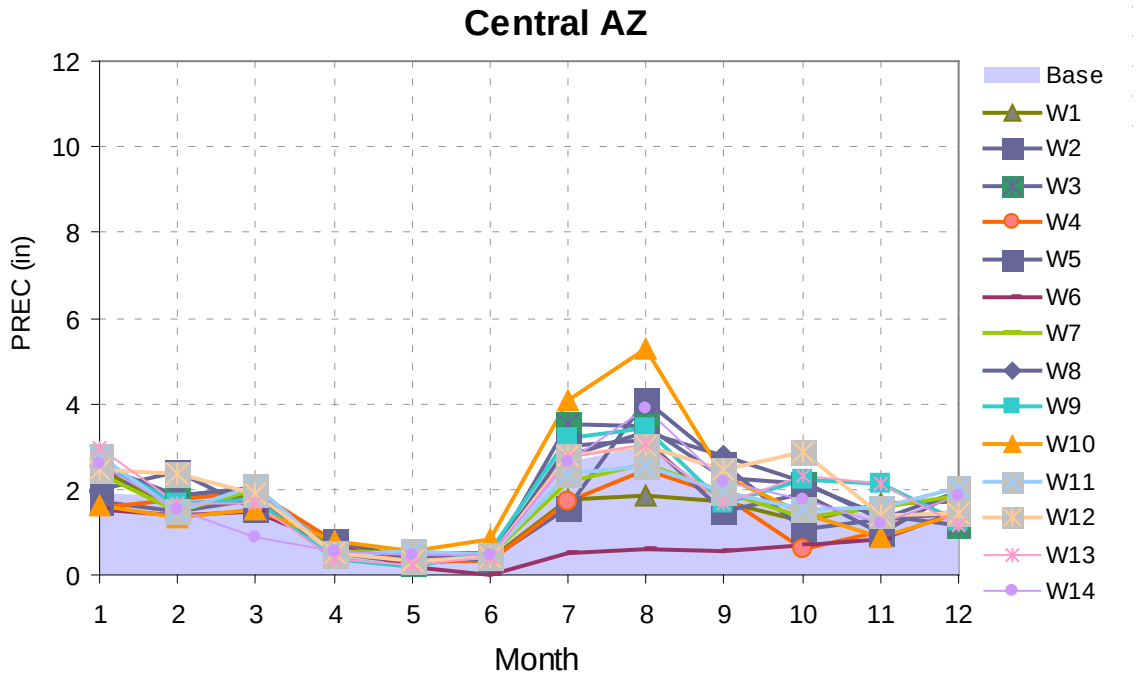
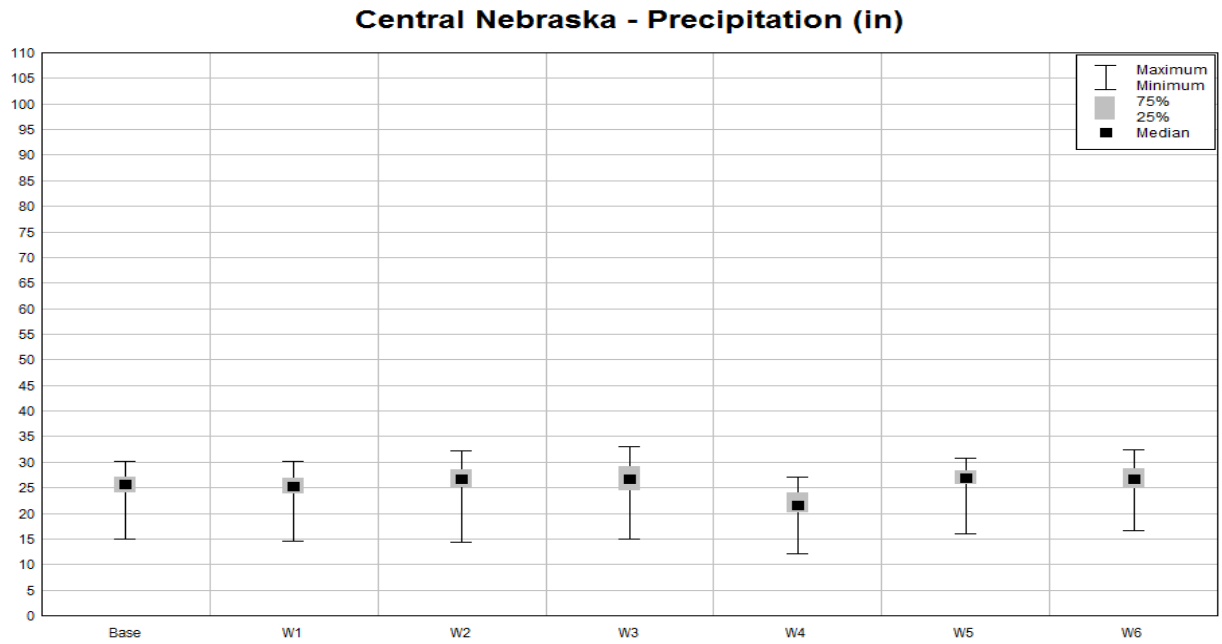


Figure Z-22. Ariz: Comparison of climate scenario precipitation for the Salt, Verde, and San Pedro basins

Note: See Table Z-1 for key to climate scenarios.



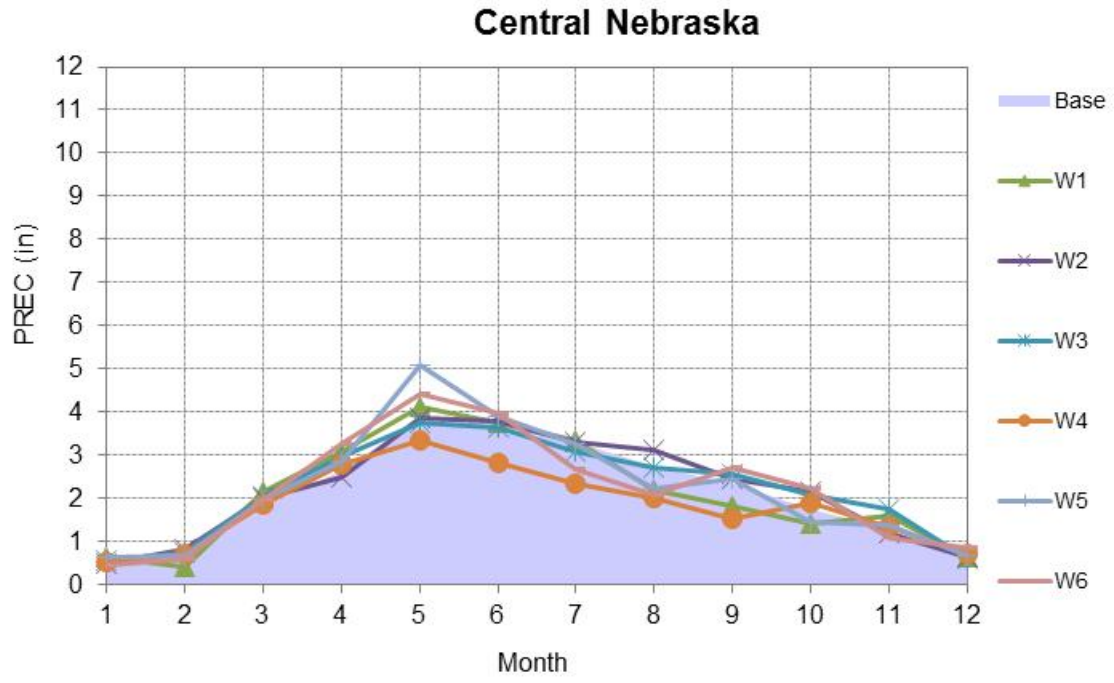
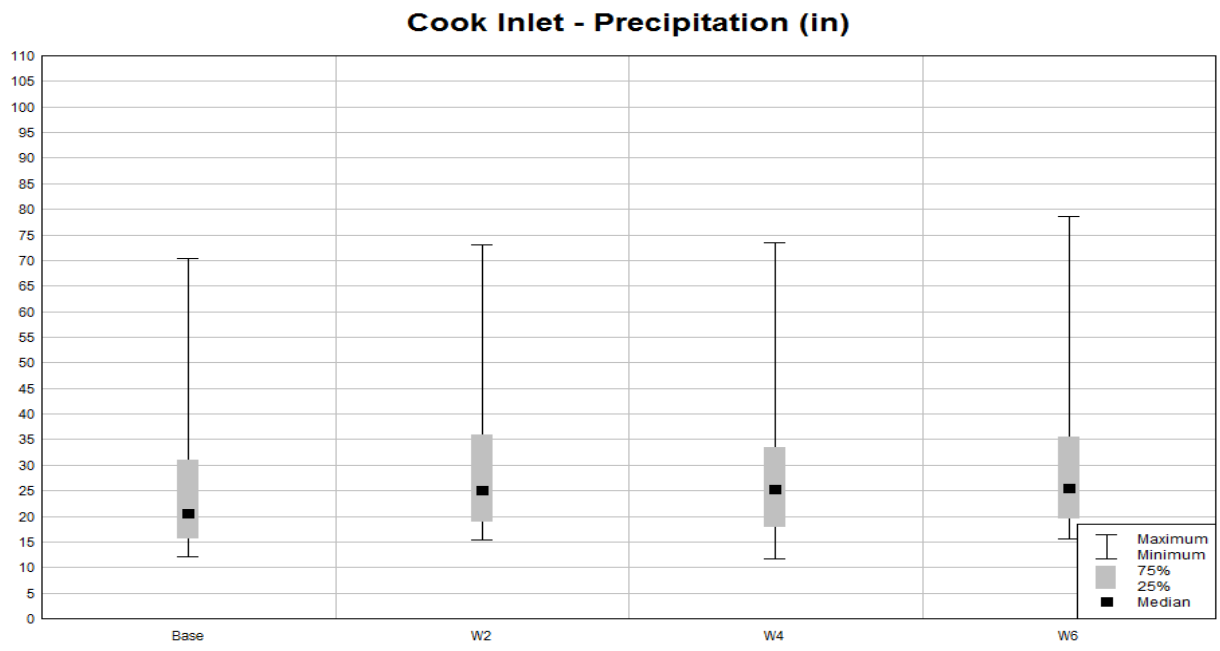


Figure Z-23. CenNeb: Comparison of climate scenario precipitation for the Loup/Elkhorn River basin

Note: See Table Z-1 for key to climate scenarios.



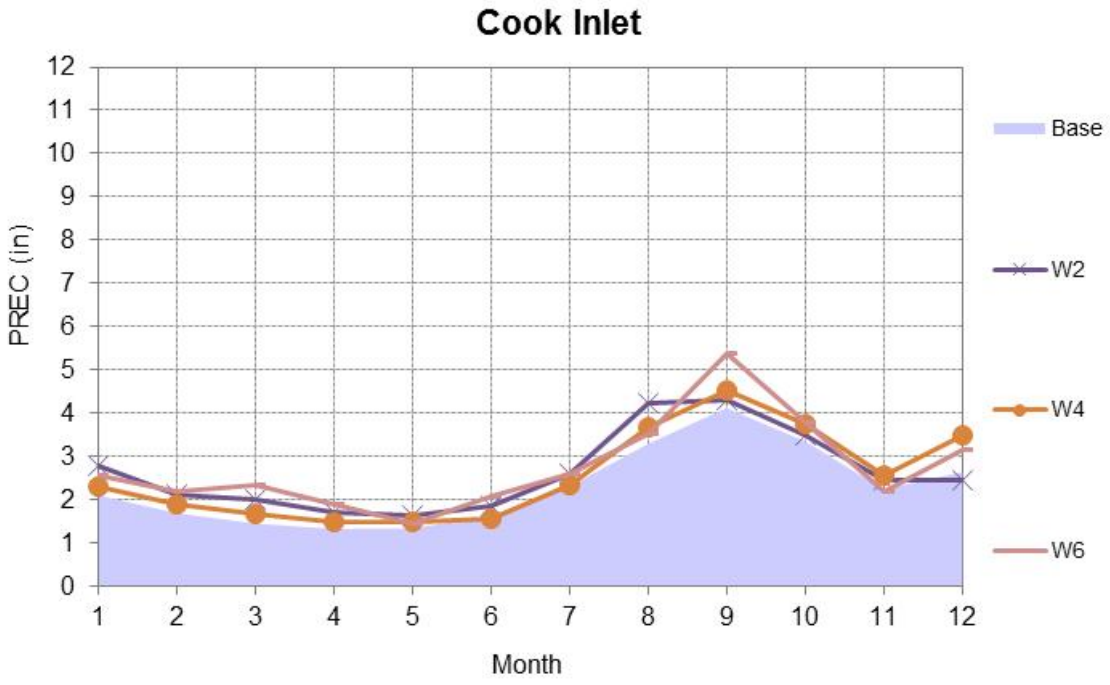
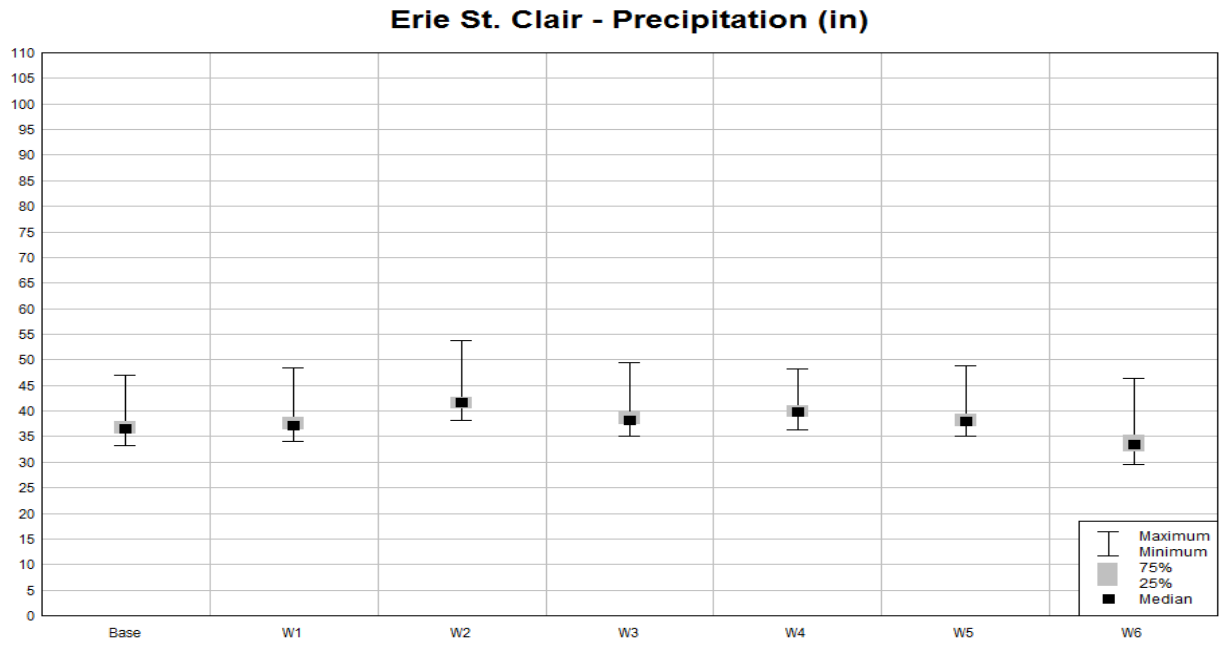


Figure Z-24. Cook: Comparison of climate scenario precipitation for the Cook Inlet basin

Note: See Table Z-1 for key to climate scenarios.



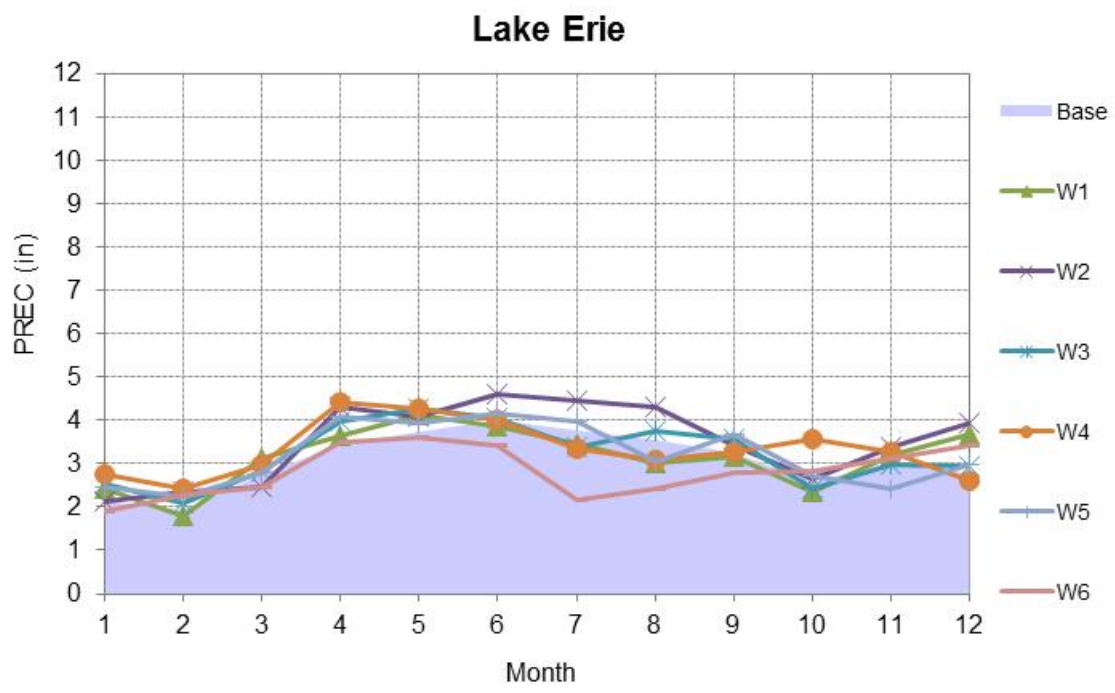
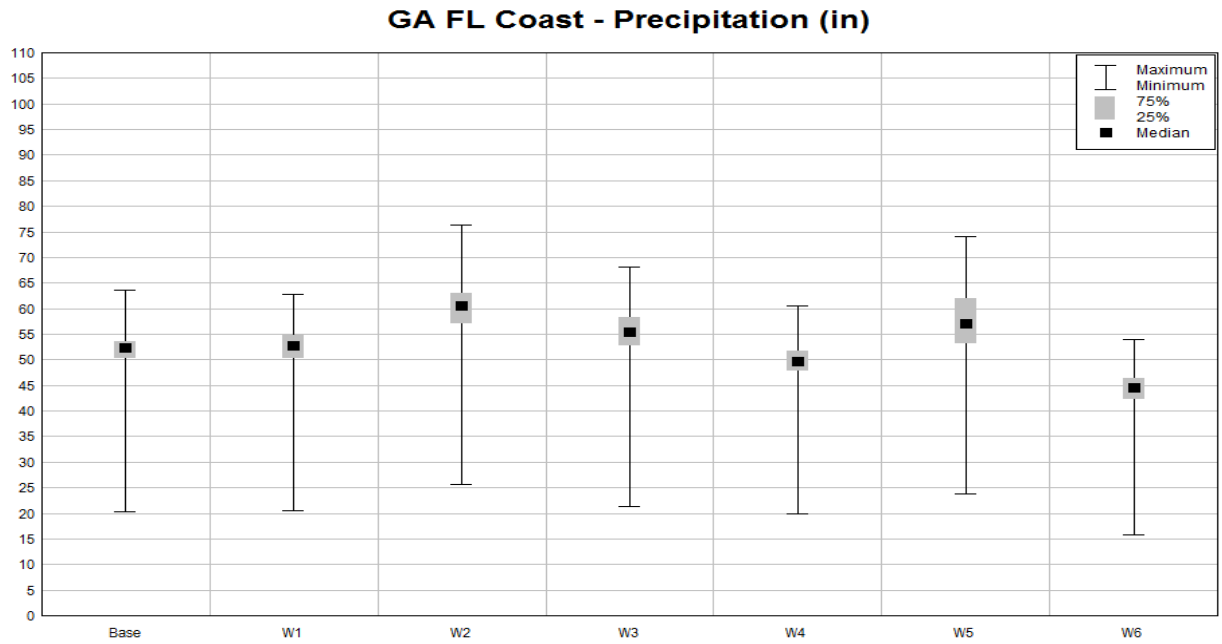


Figure Z-25. Erie: Comparison of climate scenario precipitation for the Lake Erie drainages

Note: See Table Z-1 for key to climate scenarios.



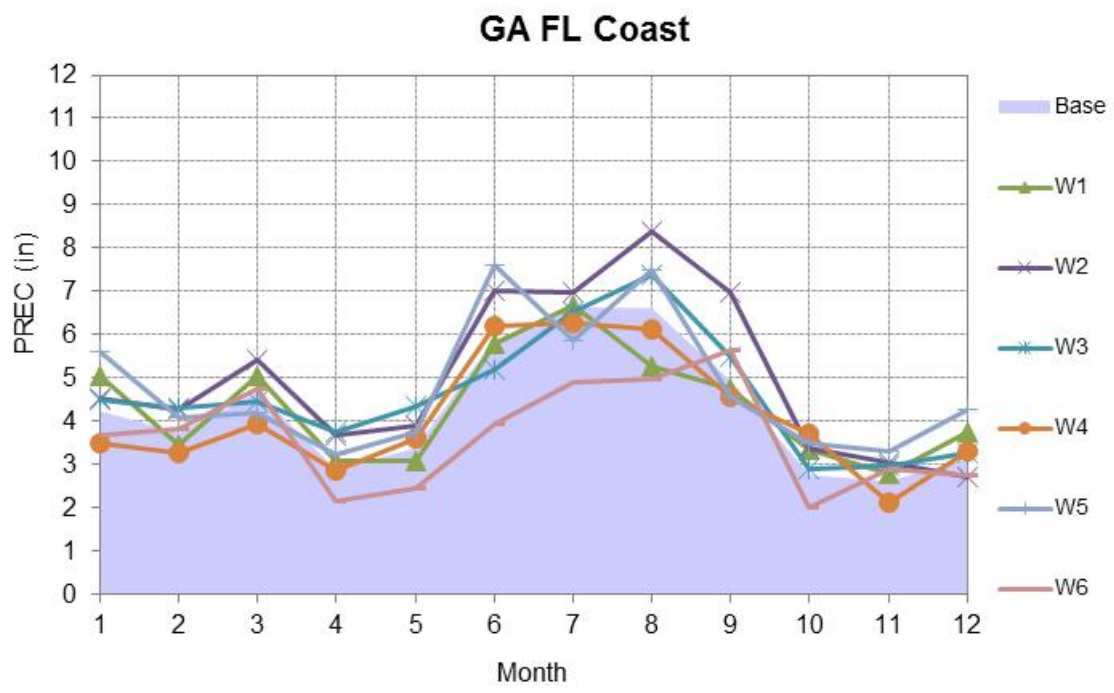
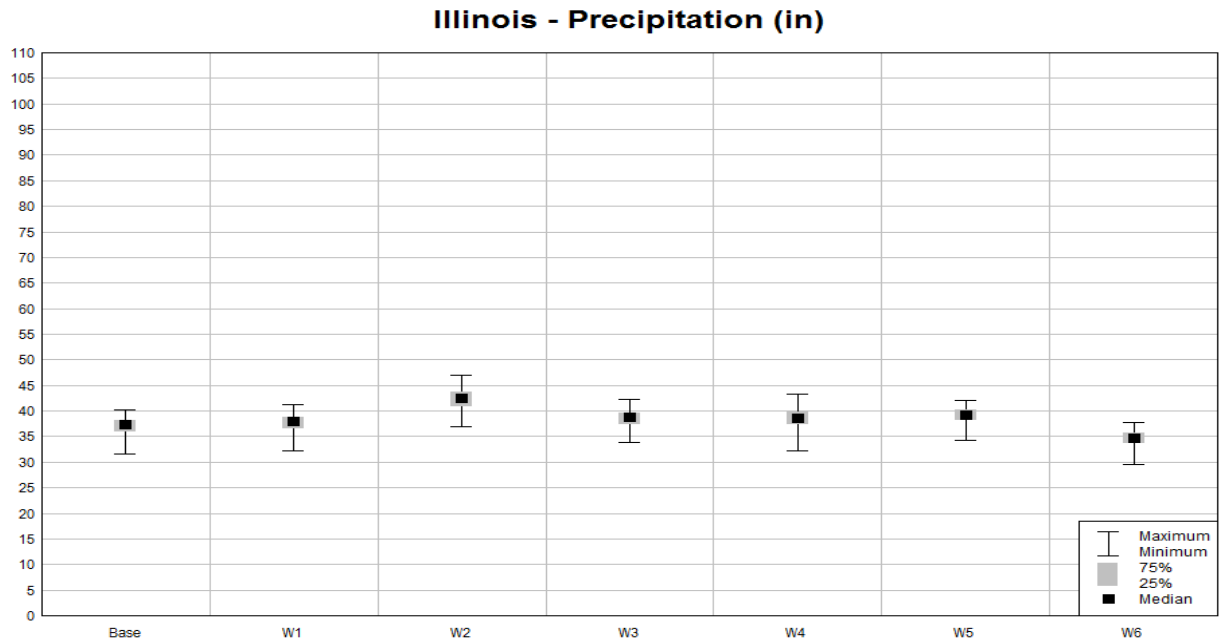


Figure Z-26. GaFla: Comparison of climate scenario precipitation for the Georgia-Florida Coastal Plain

Note: See Table Z-1 for key to climate scenarios.



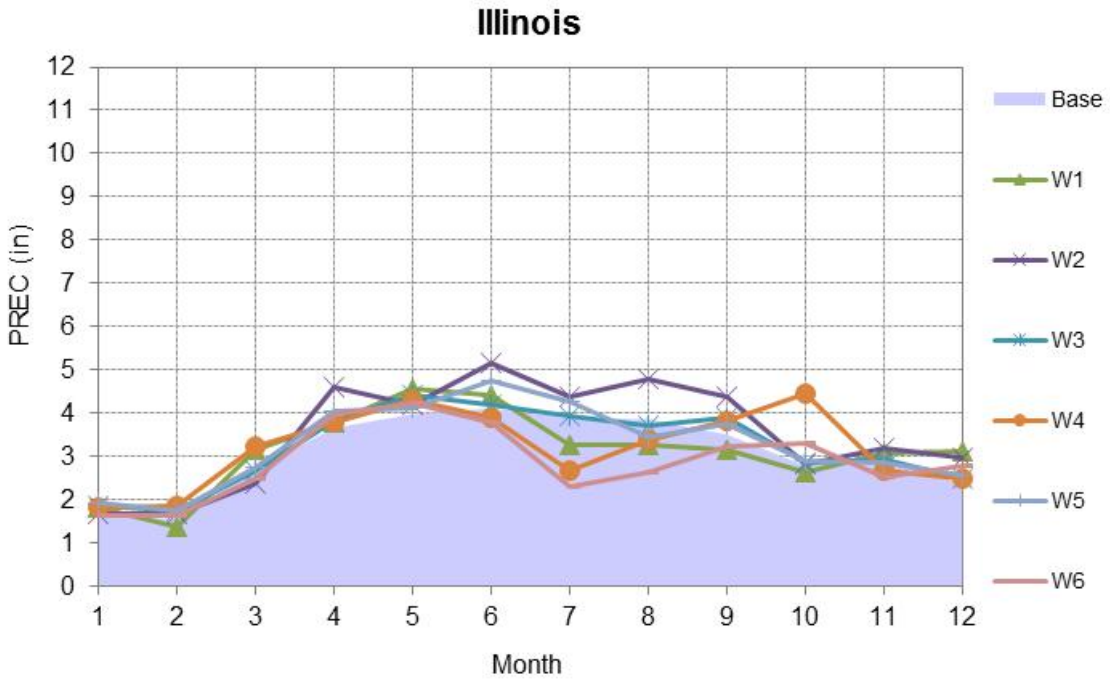
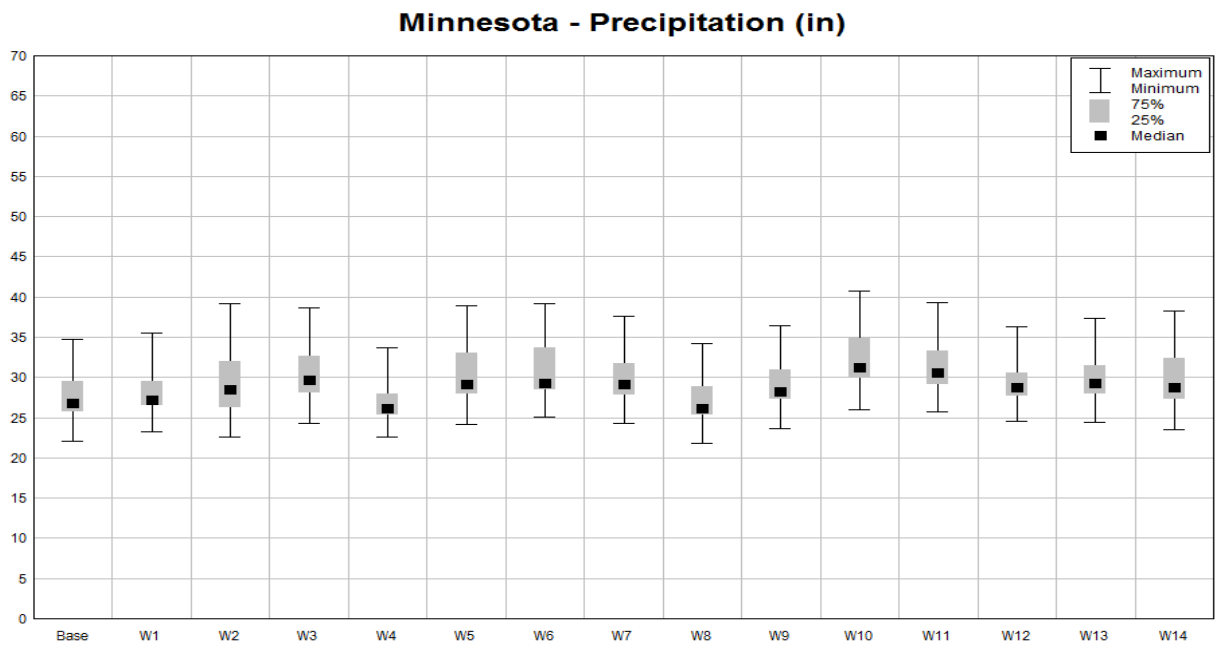


Figure Z-27. Illin: Comparison of climate scenario precipitation for the Illinois River basin

Note: See Table Z-1 for key to climate scenarios.



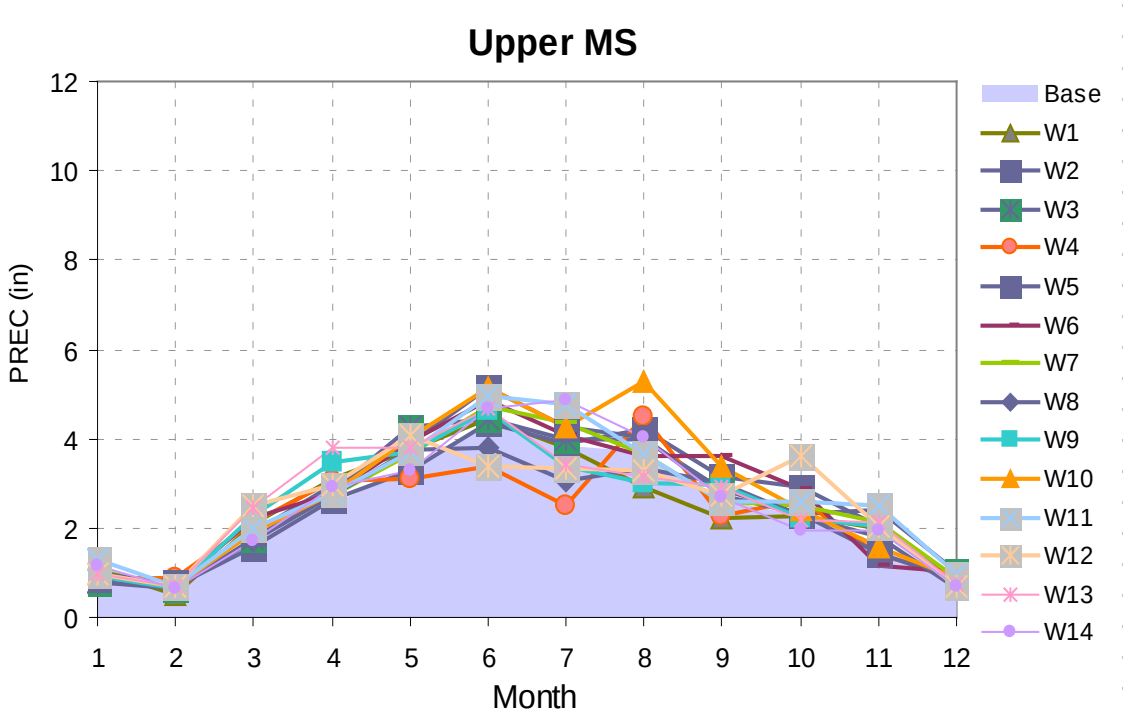
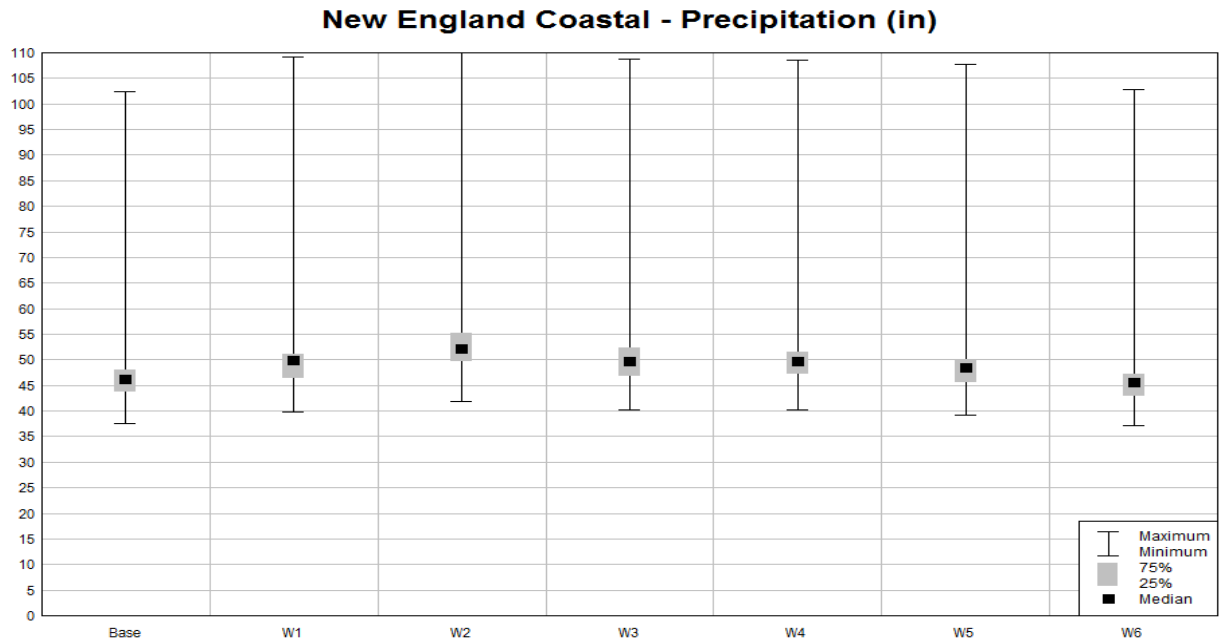


Figure Z-28. Minn: Comparison of climate scenario precipitation for the Minnesota River (Upper Mississippi) basin

Note: See Table Z-1 for key to climate scenarios.



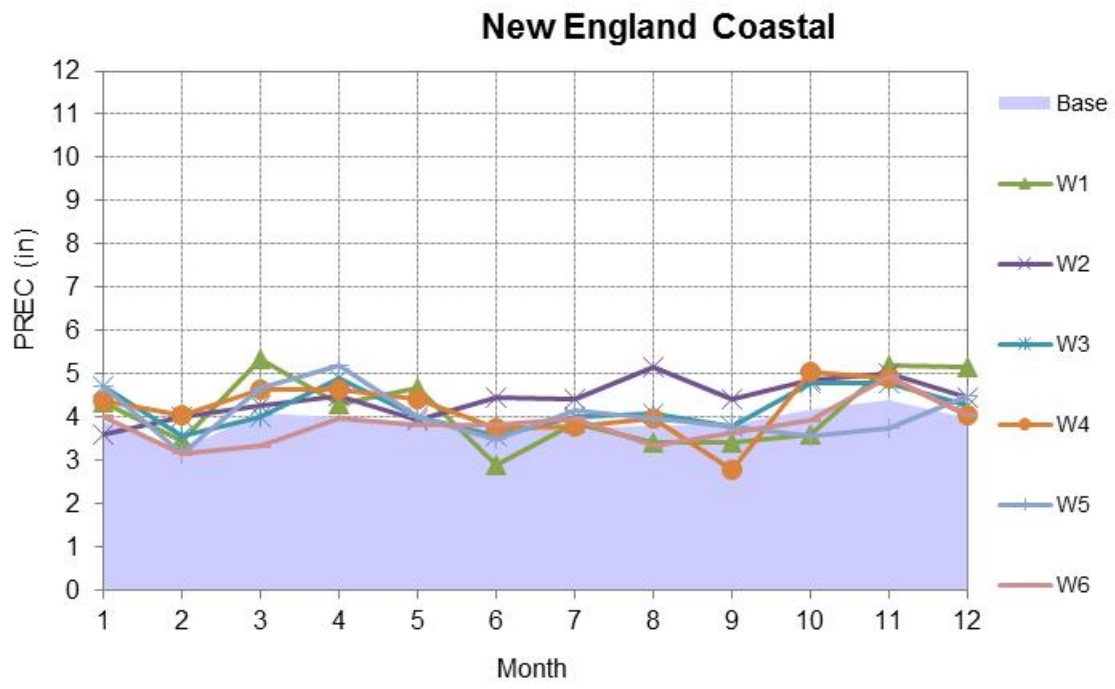
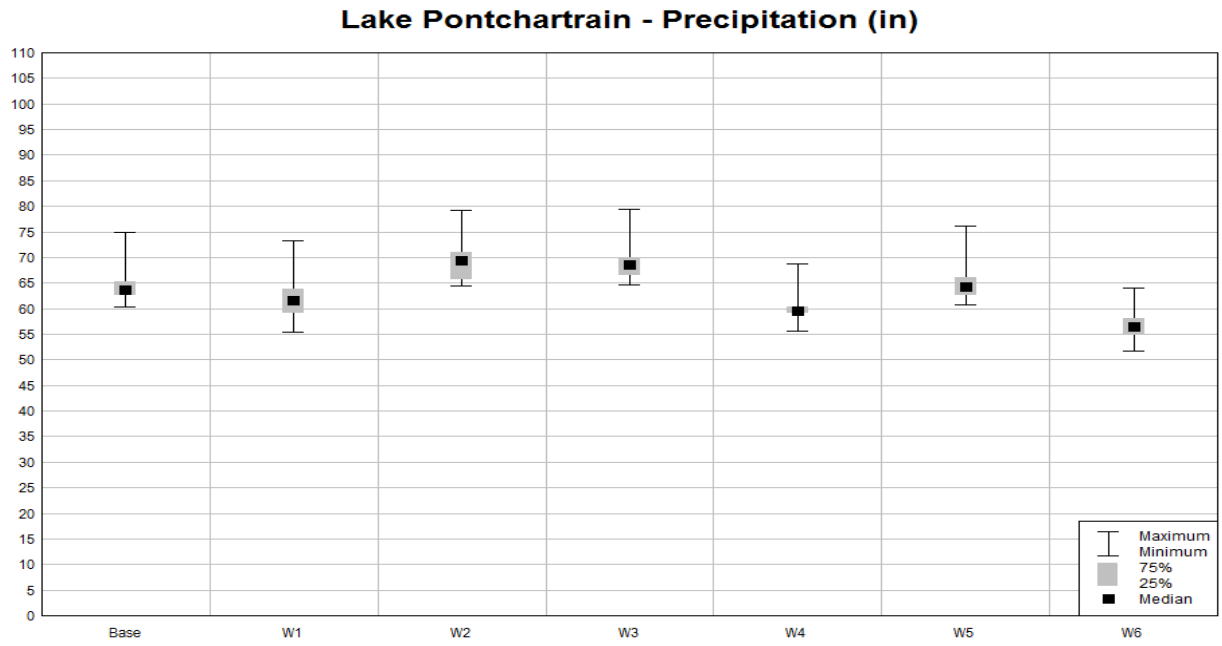


Figure Z-29. NewEng: Comparison of climate scenario precipitation for the New England Coastal basins

Note: See Table Z-1 for key to climate scenarios.



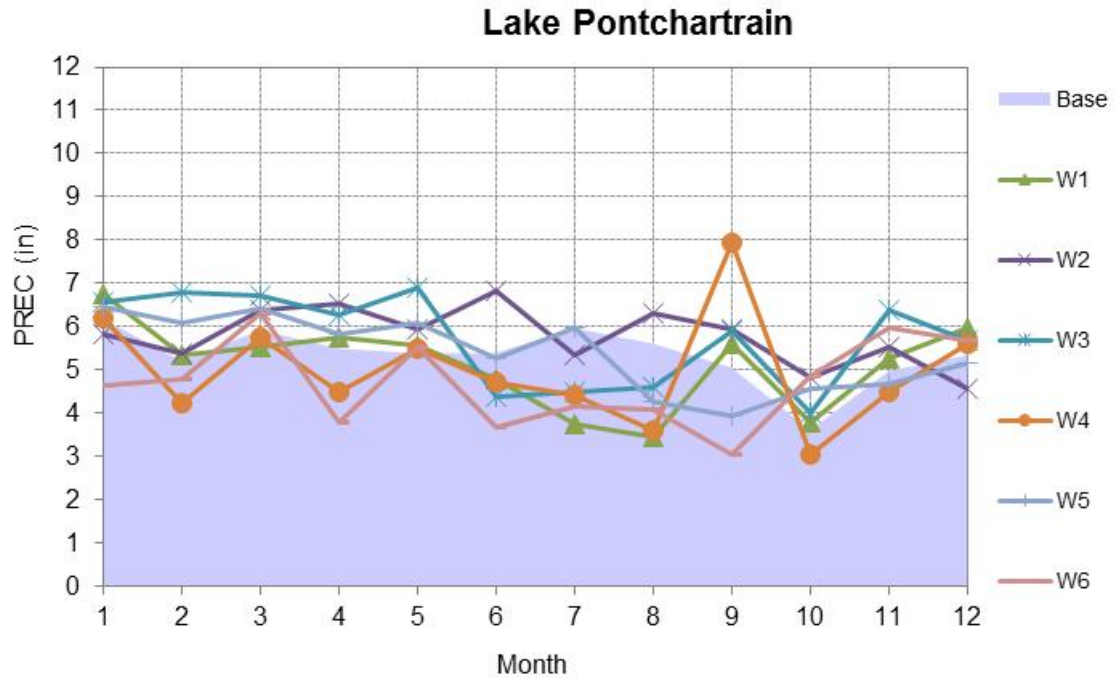
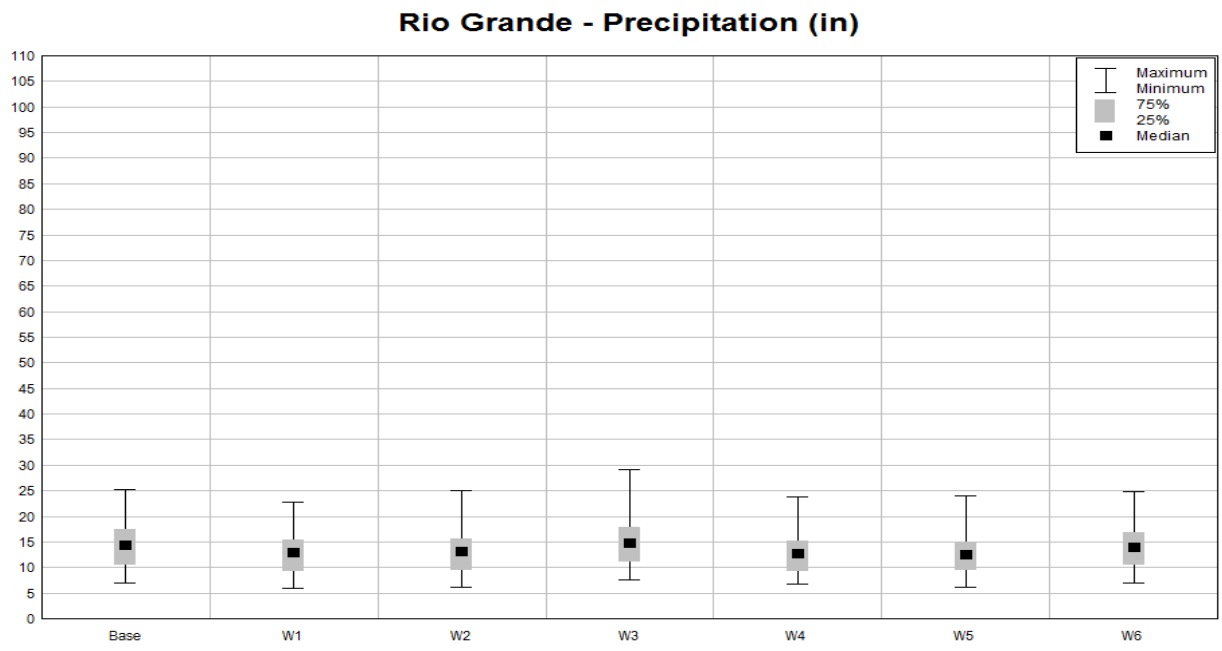


Figure Z-30. Pont: Comparison of climate scenario precipitation for the Lake Pontchartrain drainage

Note: See Table Z-1 for key to climate scenarios.



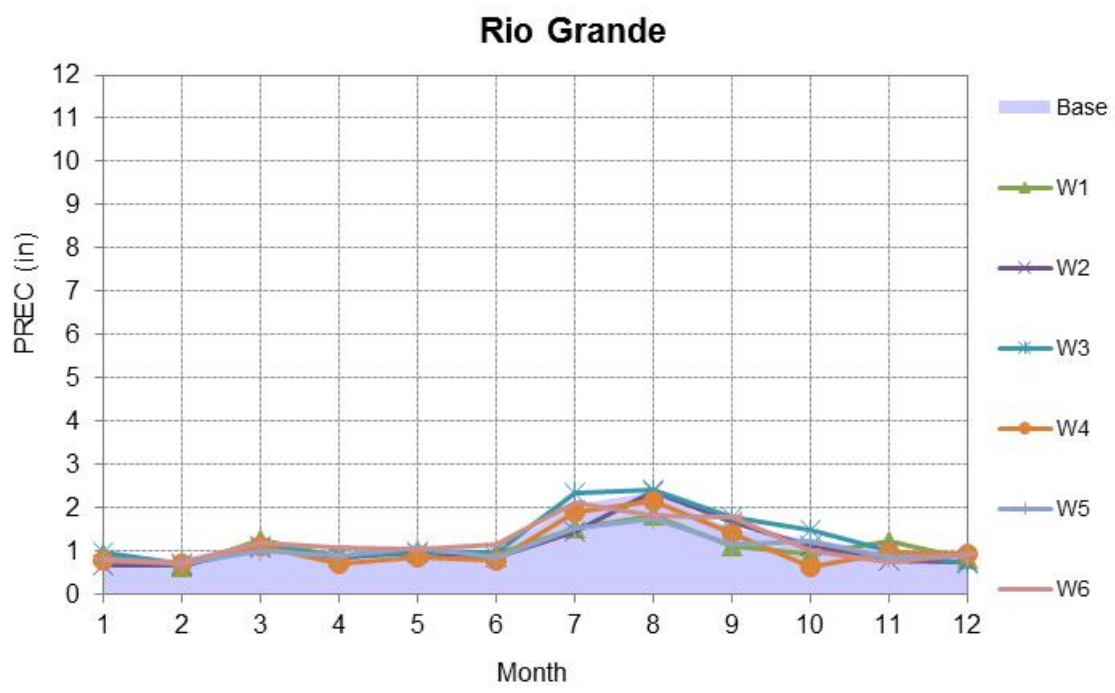
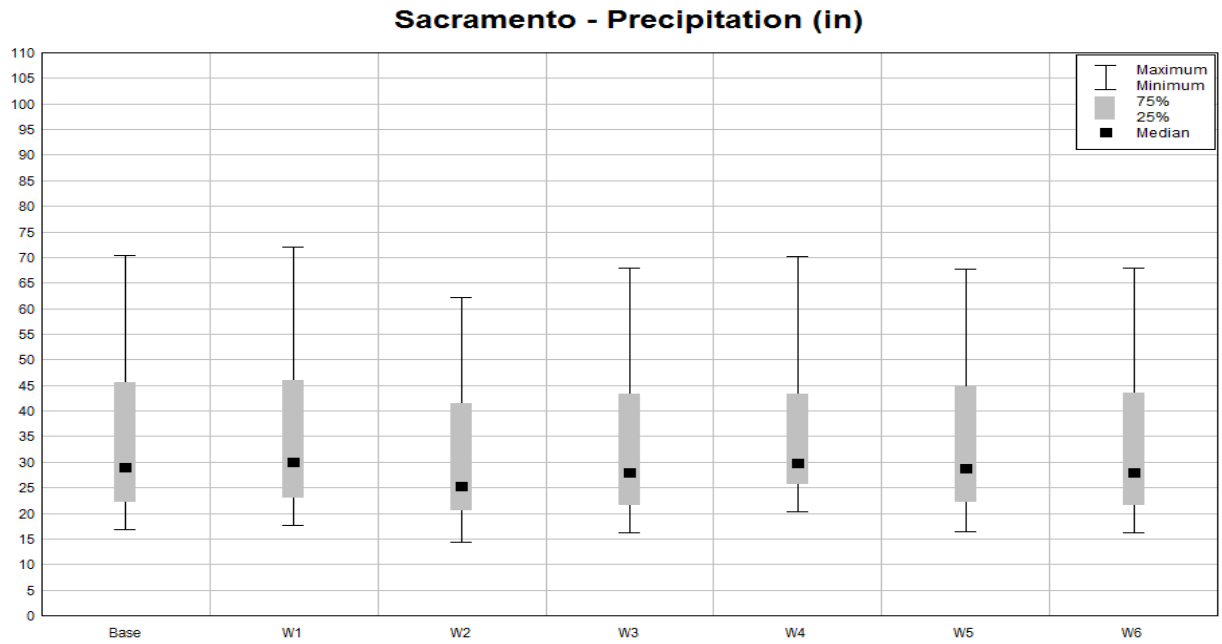


Figure Z-31. RioGra: Comparison of climate scenario precipitation for the Rio Grande Valley

Note: See Table Z-1 for key to climate scenarios.



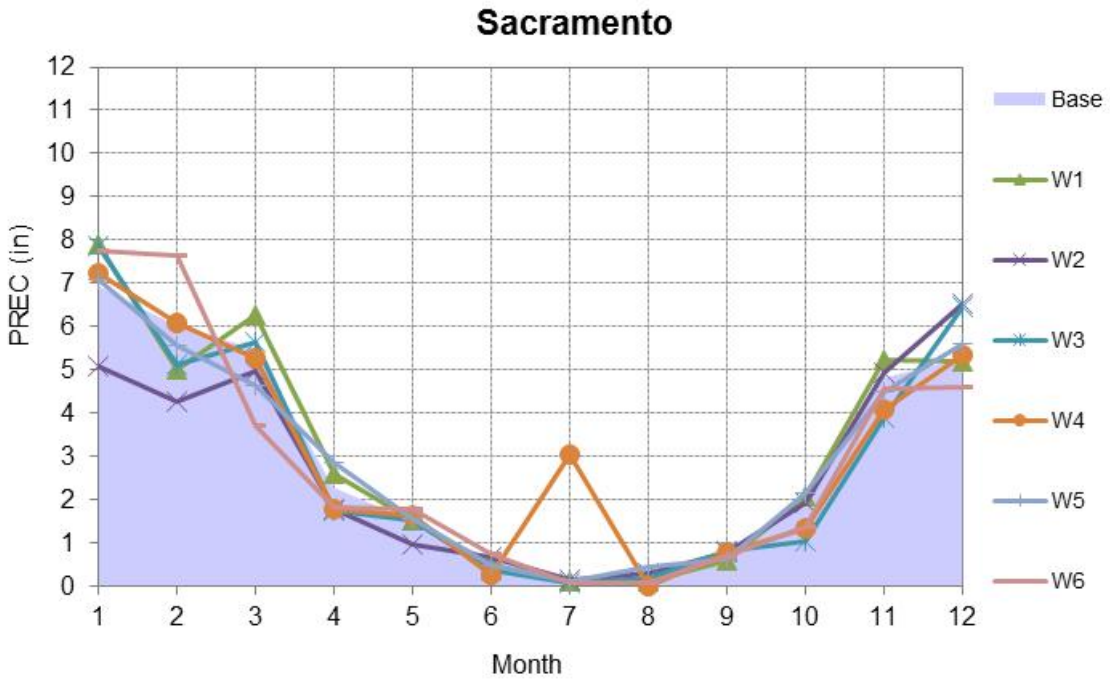
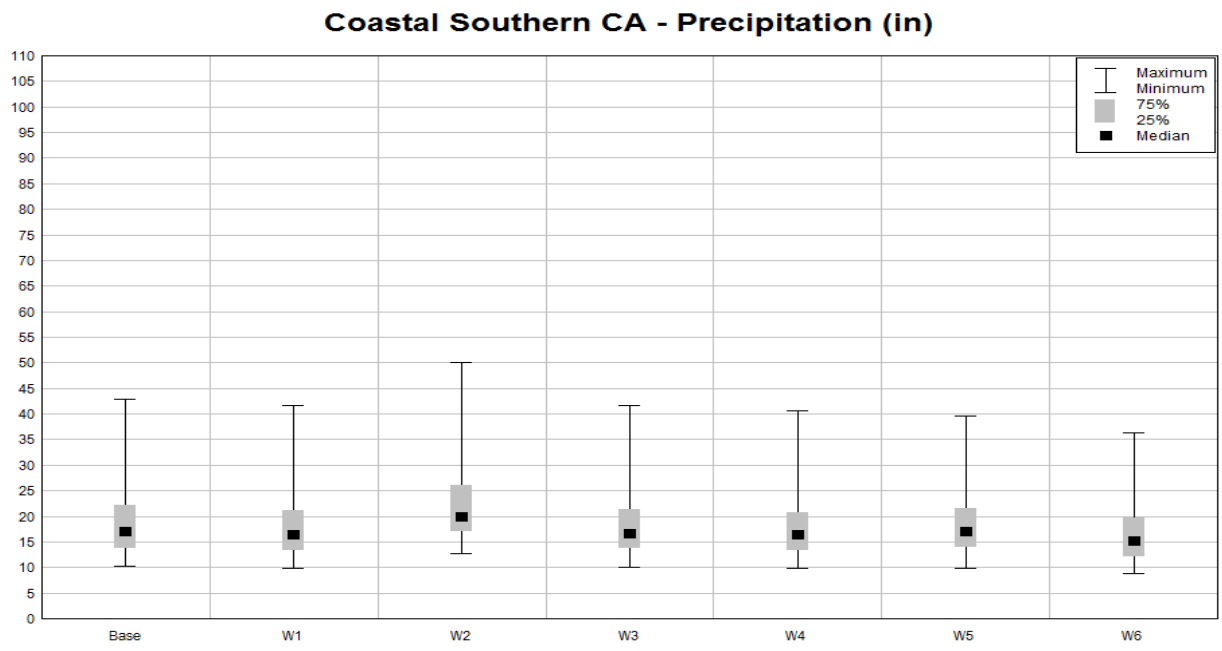


Figure Z-32. Sac: Comparison of climate scenario precipitation for the Sacramento River basin

Note: See Table Z-1 for key to climate scenarios.



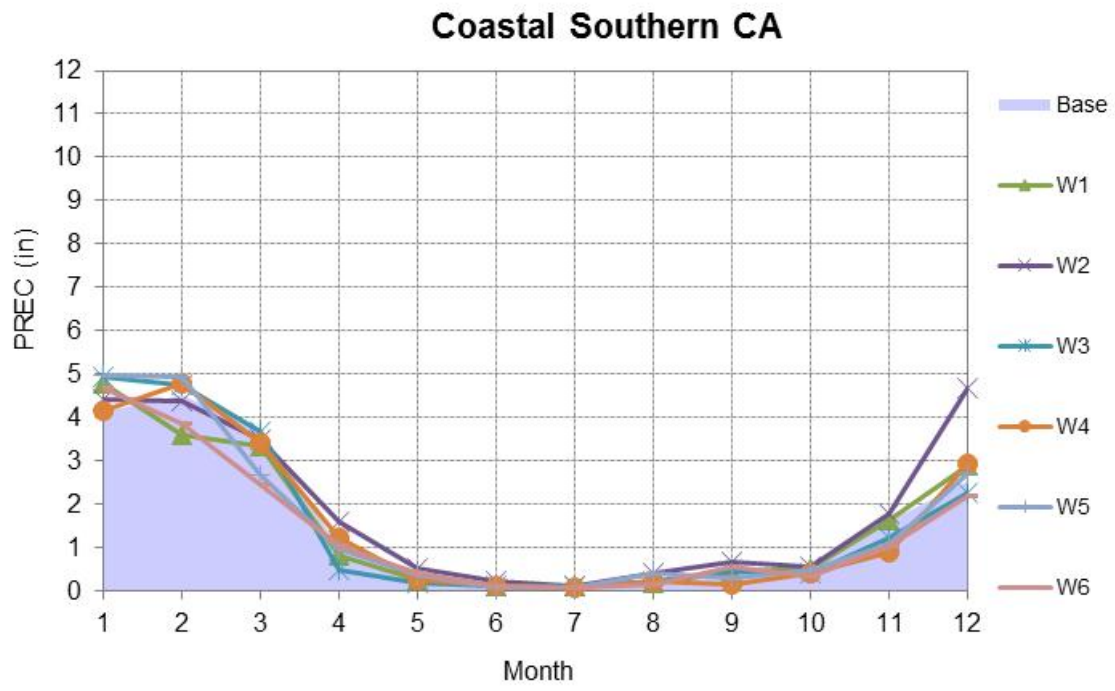
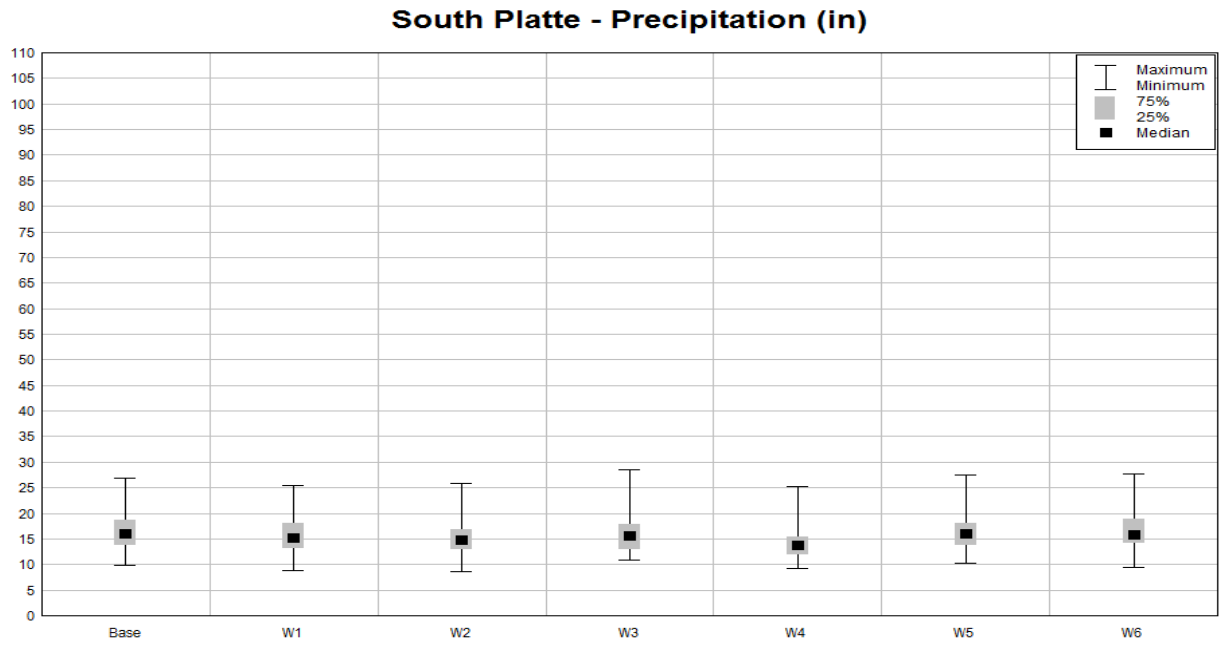


Figure Z-33. SoCal: Comparison of climate scenario precipitation for the Coastal Southern California basin

Note: See Table Z-1 for key to climate scenarios.



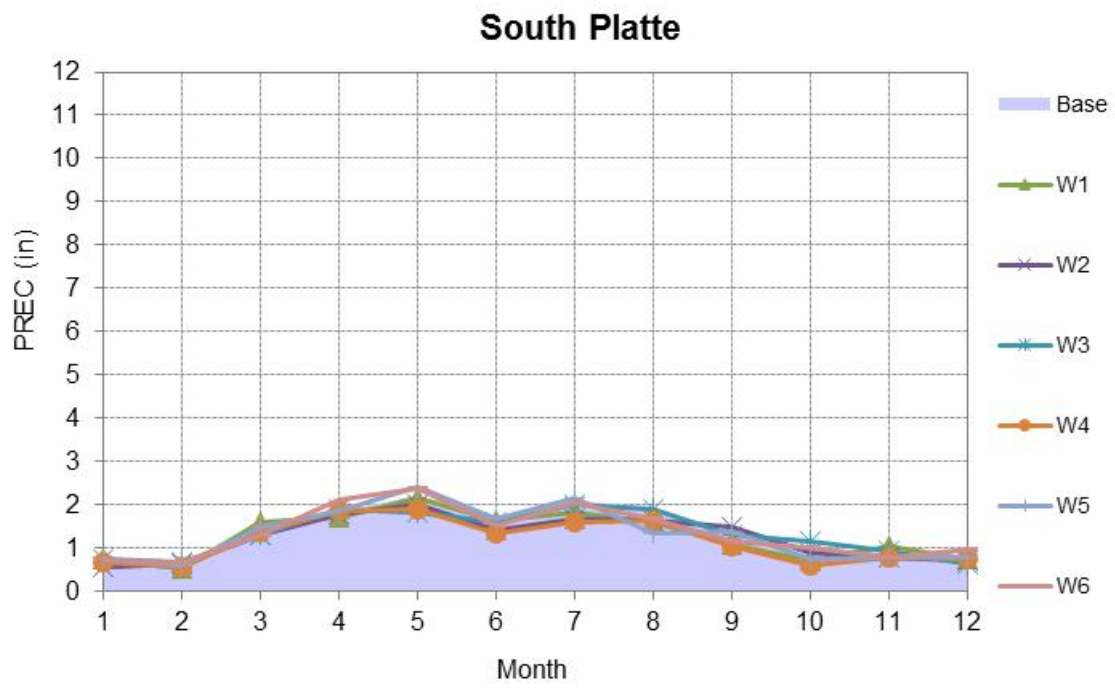
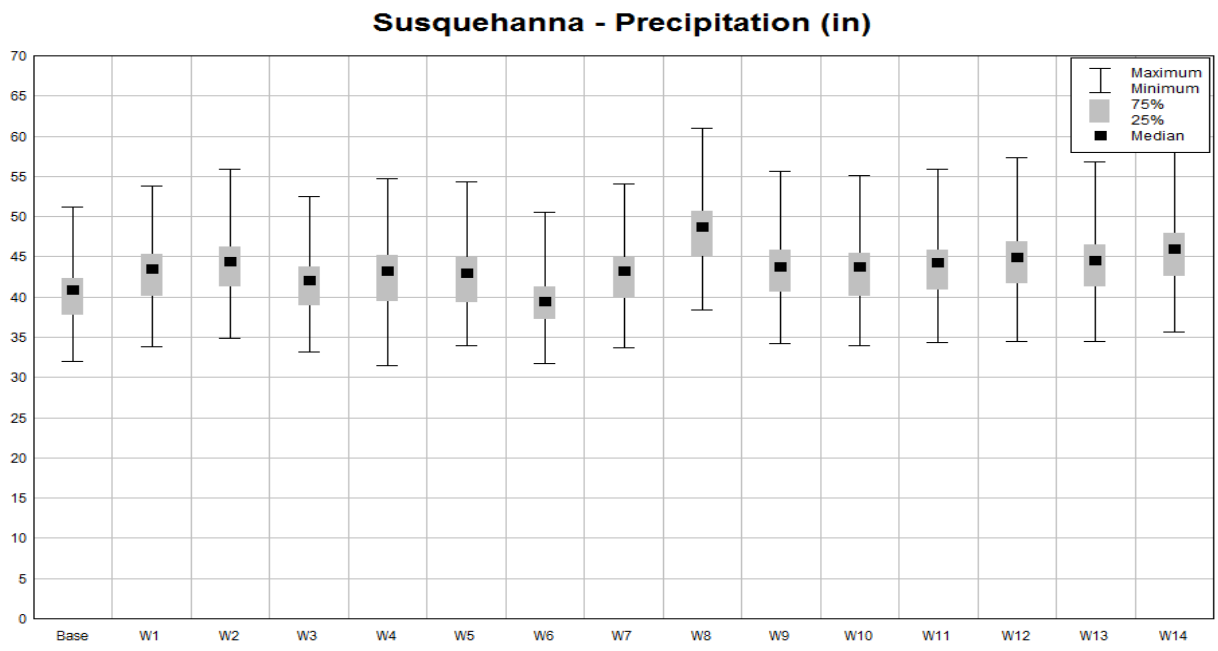


Figure Z-34. SoPlat: Comparison of climate scenario precipitation for the South Platte River basin

Note: See Table Z-1 for key to climate scenarios.



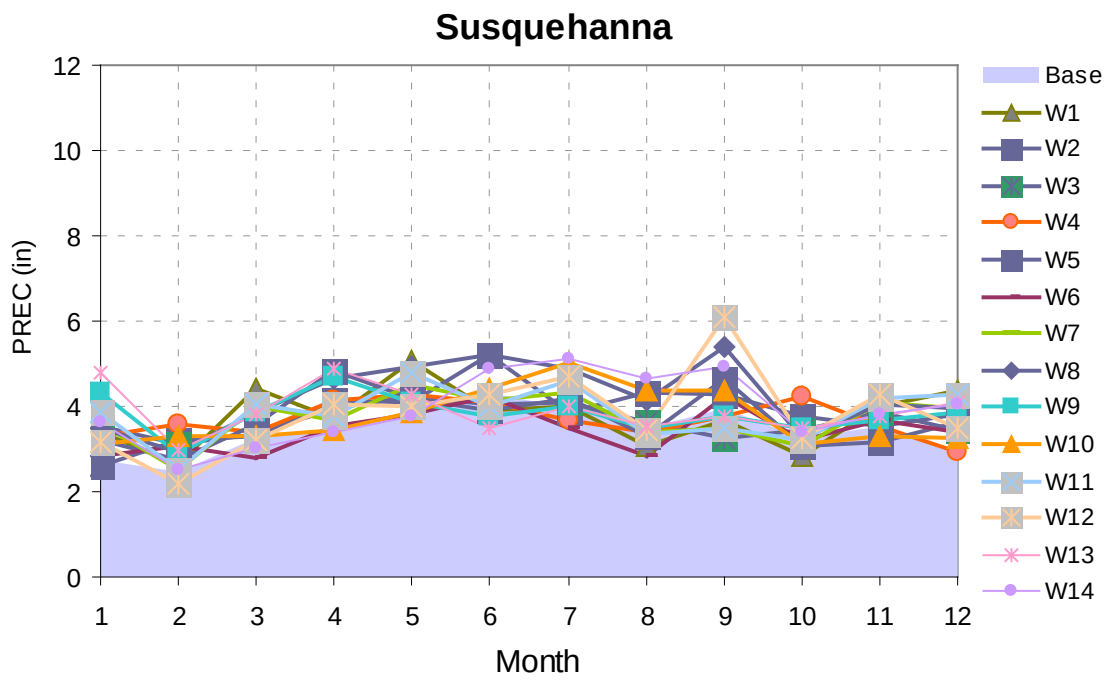
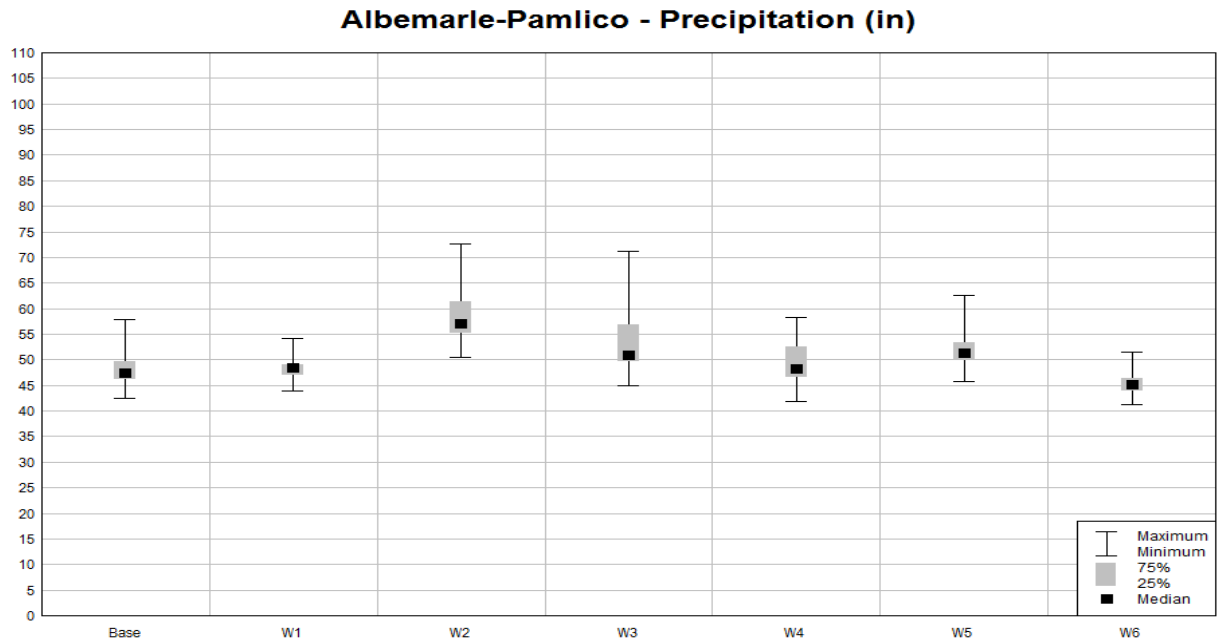


Figure Z-35. Susq: Comparison of climate scenario precipitation for the Susquehanna River basin

Note: See Table Z-1 for key to climate scenarios.



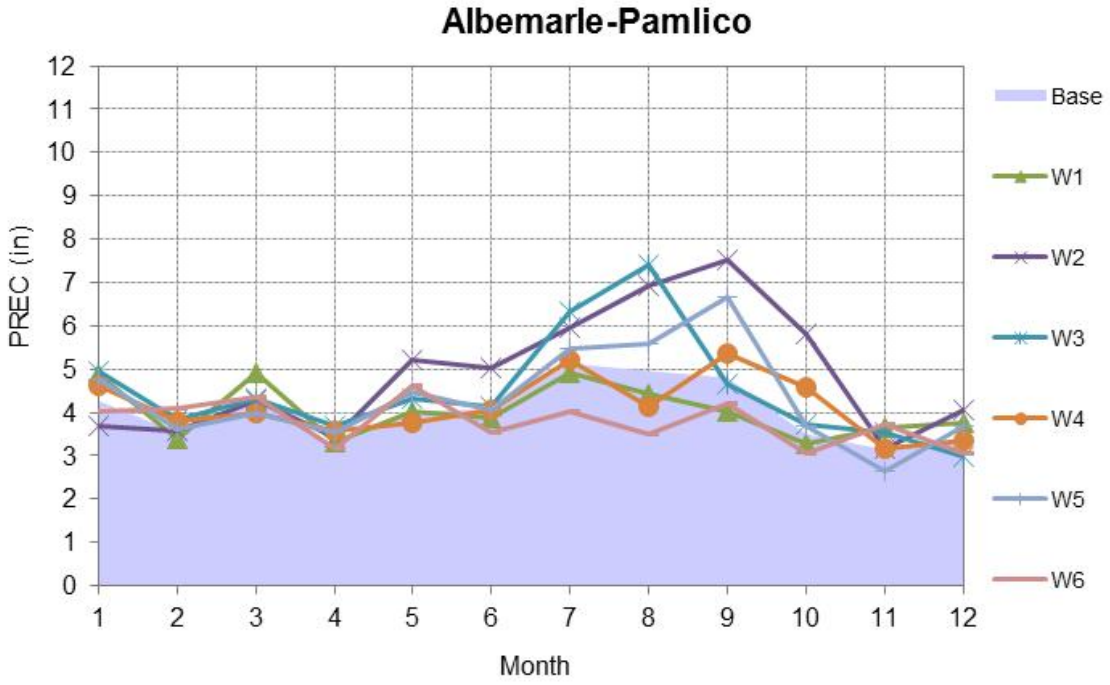
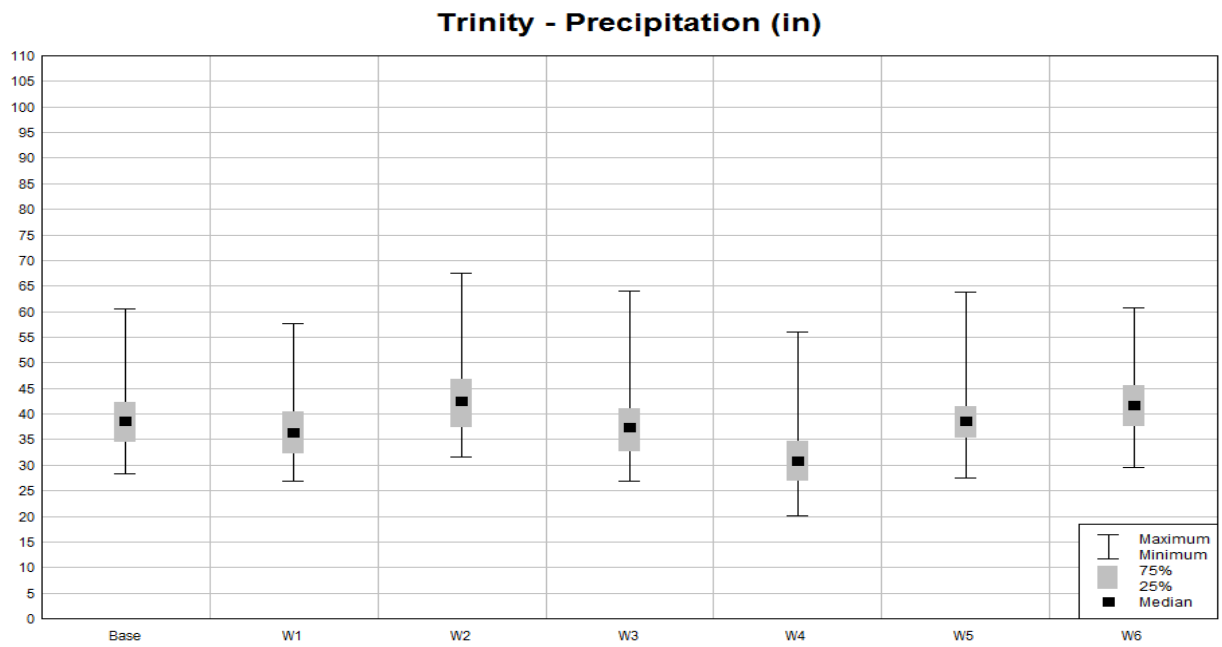


Figure Z-36. TarNeu: Comparison of climate scenario precipitation for the Tar and Neuse River basin

Note: See Table Z-1 for key to climate scenarios.



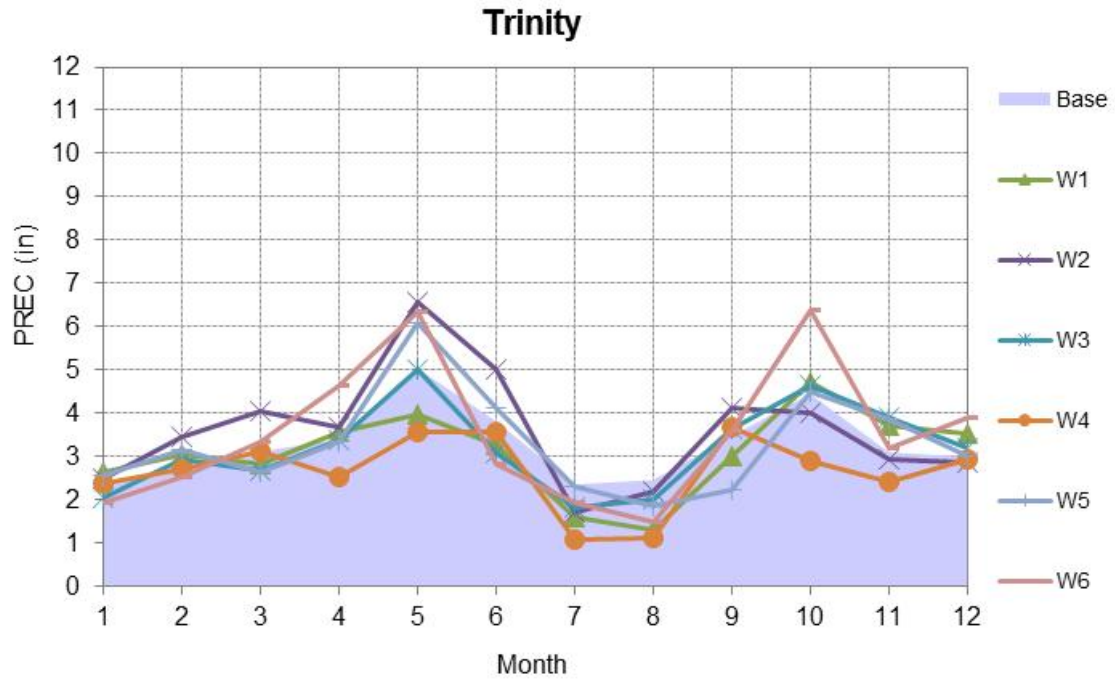
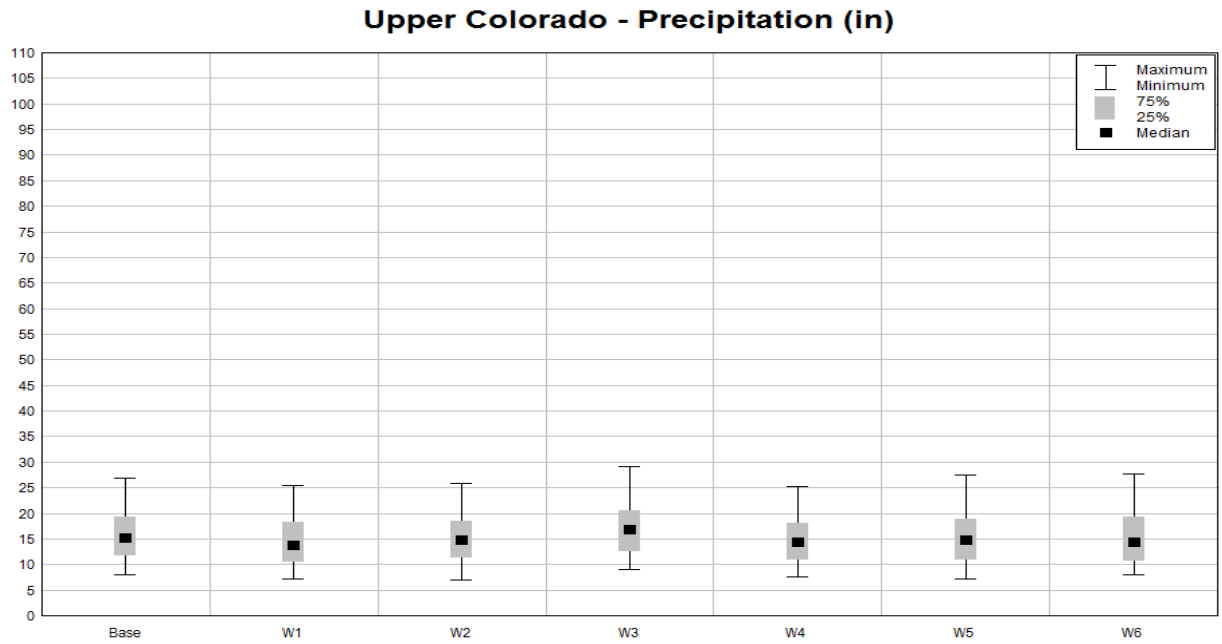


Figure Z-37. Trin: Comparison of climate scenario precipitation for the Trinity River basin

Note: See Table Z-1 for key to climate scenarios.



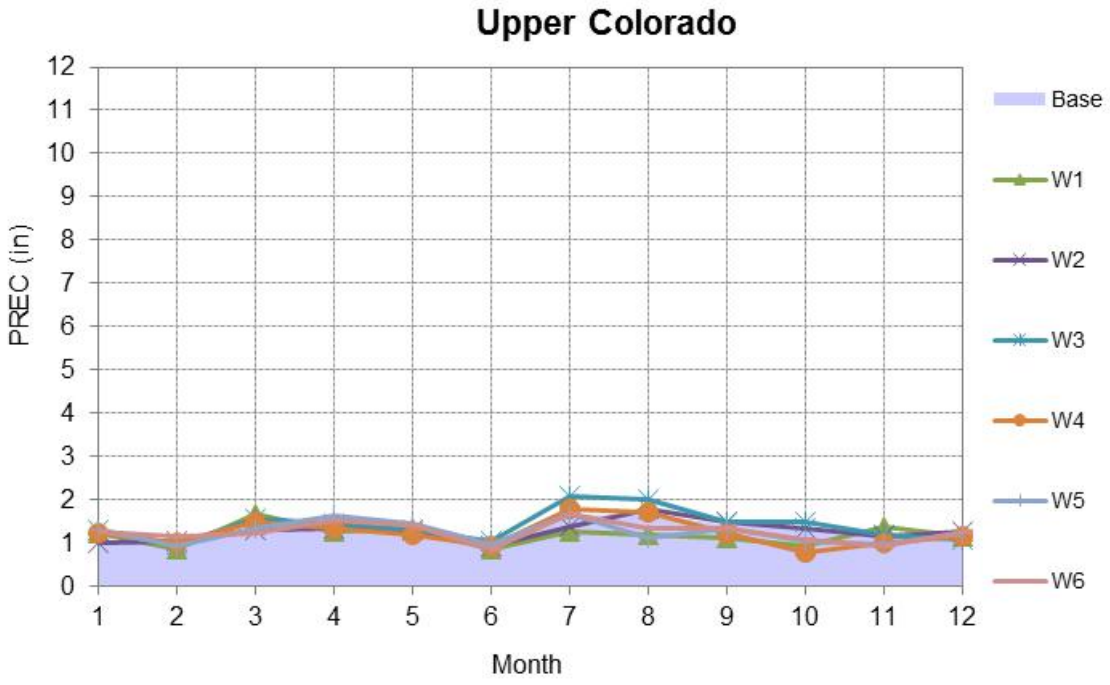
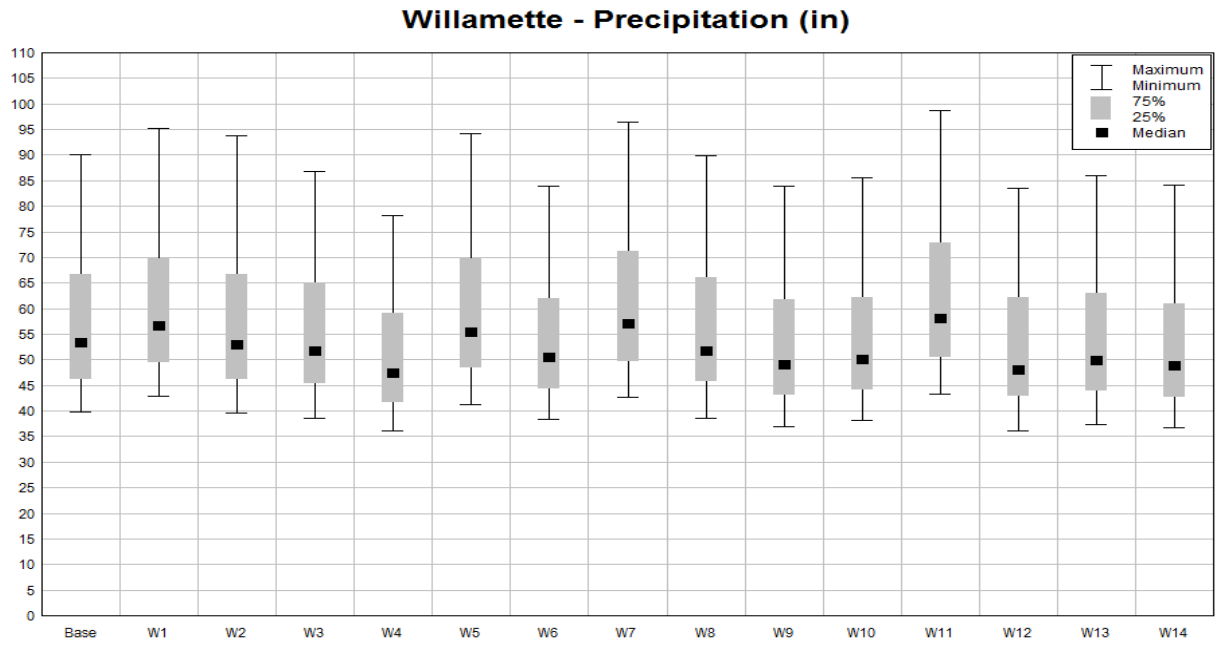


Figure Z-38. UppCol: Comparison of climate scenario precipitation for the Loup/Elkhorn River basin

Note: See Table Z-1 for key to climate scenarios.



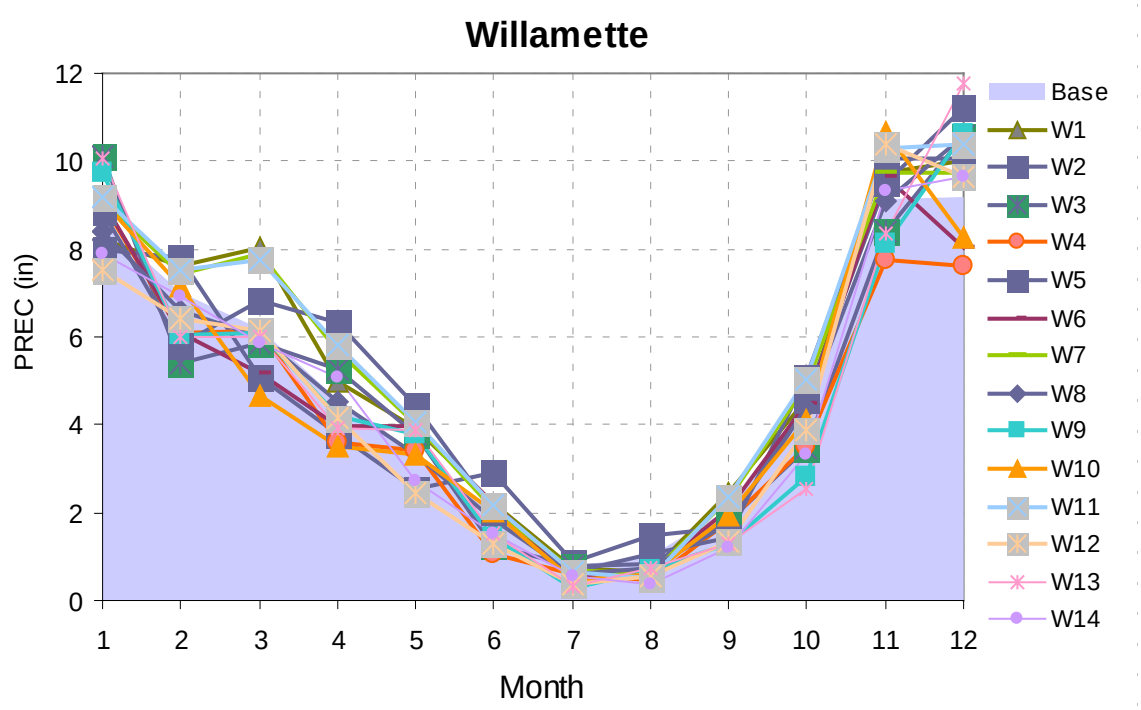
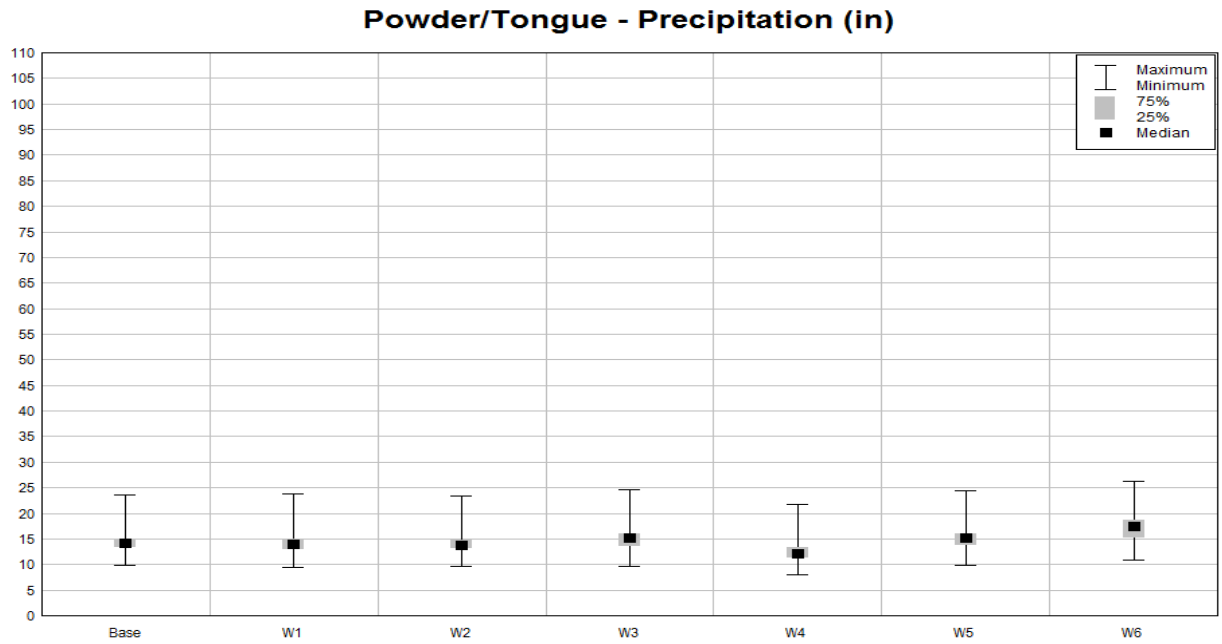


Figure Z-39. Willa: Comparison of climate scenario precipitation for the Willamette River basin

Note: See Table Z-1 for key to climate scenarios.



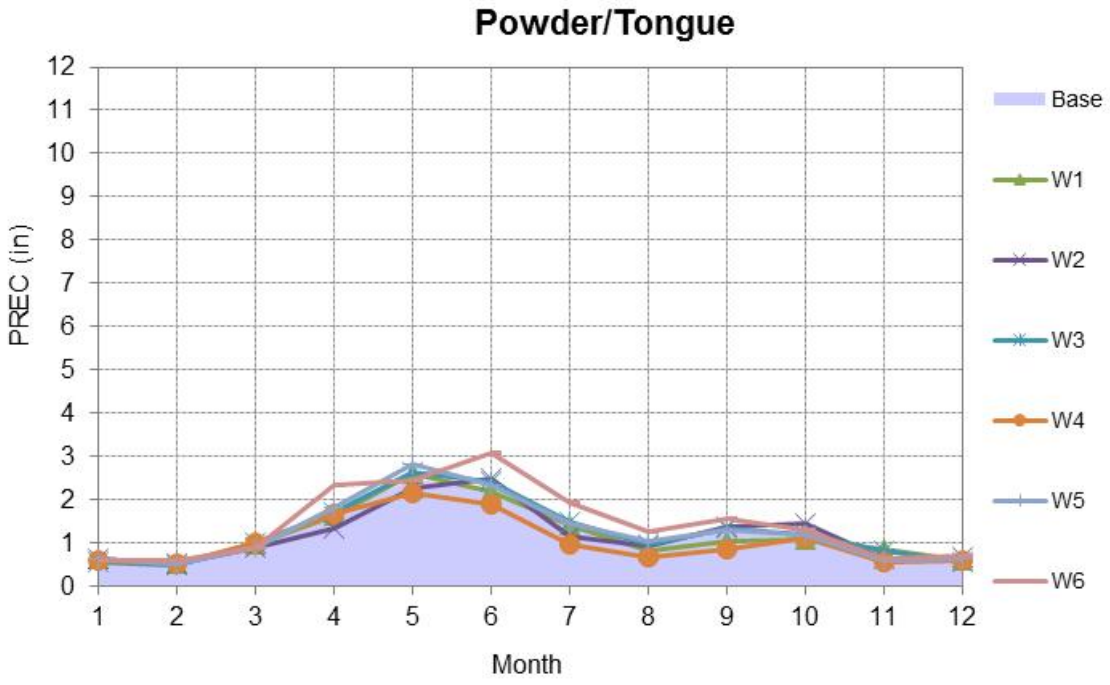


Figure Z-40. Yellow: Comparison of climate scenario precipitation for the Powder/Tongue River basin

Note: See Table Z-1 for key to climate scenarios.

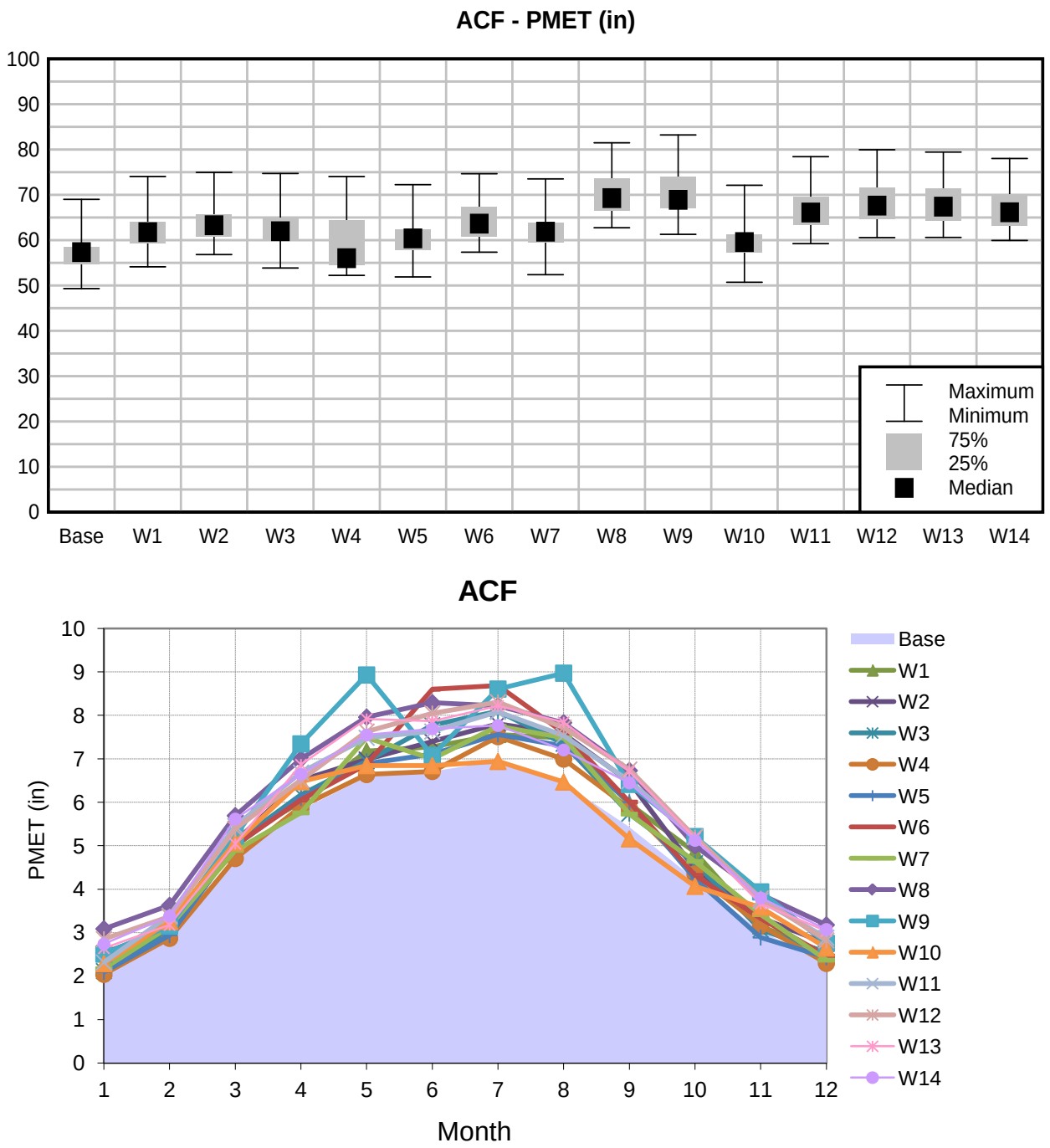
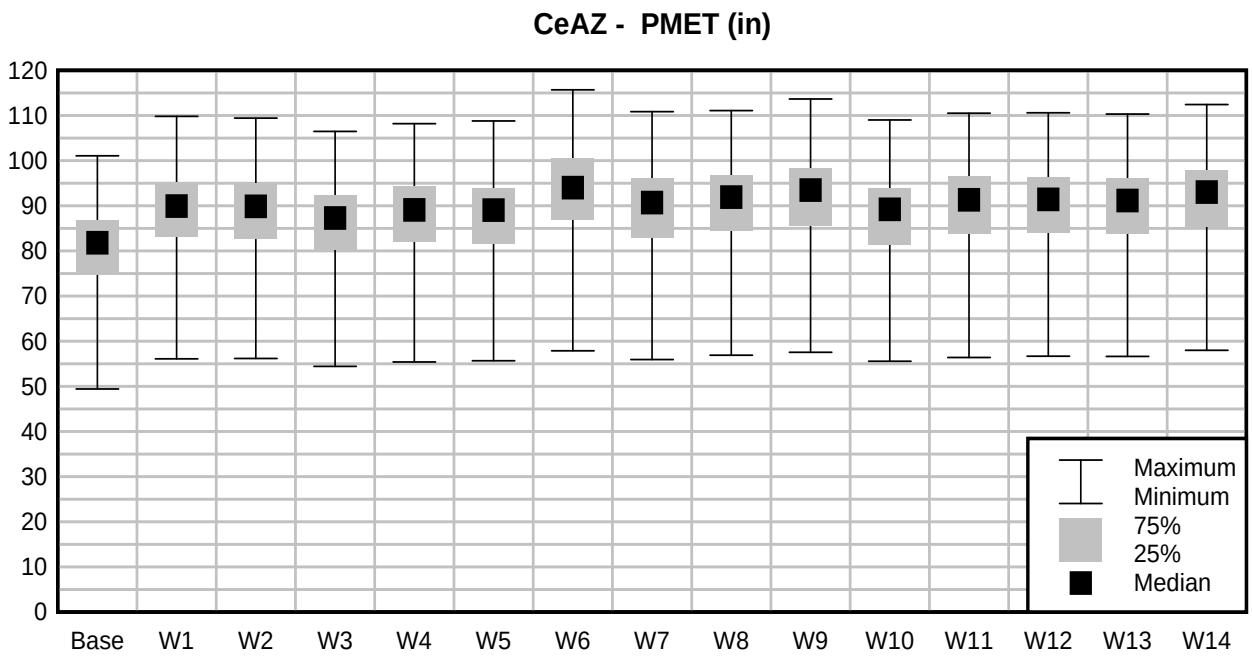


Figure Z-41. ACF: Comparison of climate scenario Penman-Monteith reference ET for the ACF basin

Note: See Table Z-1 for key to climate scenarios.



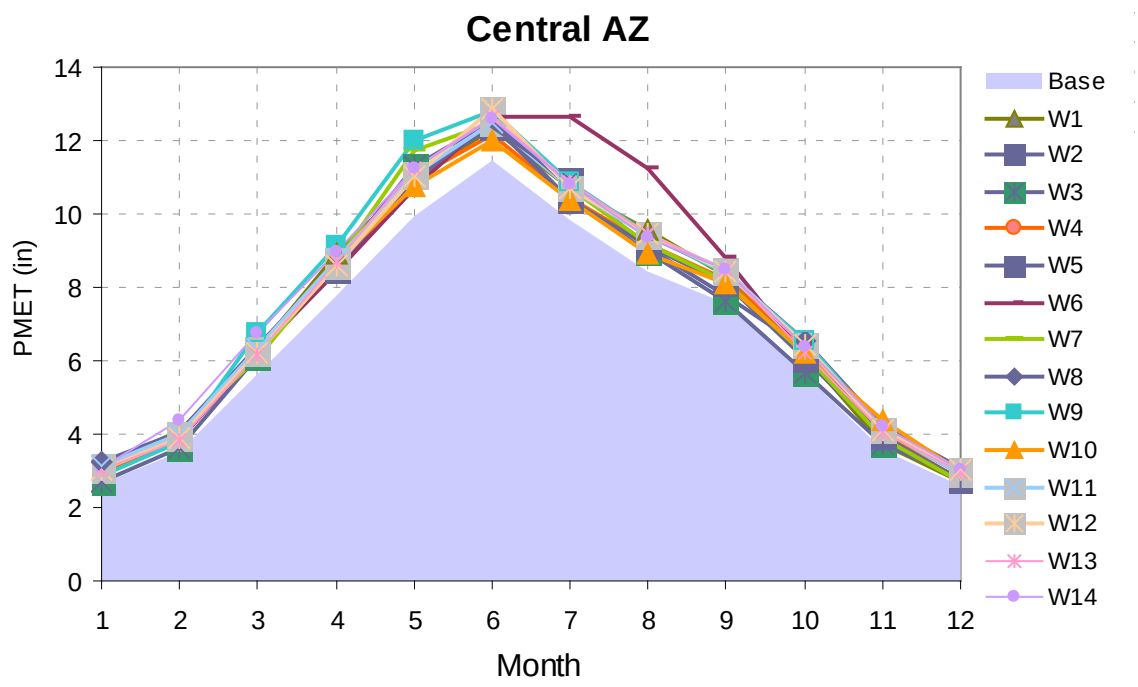
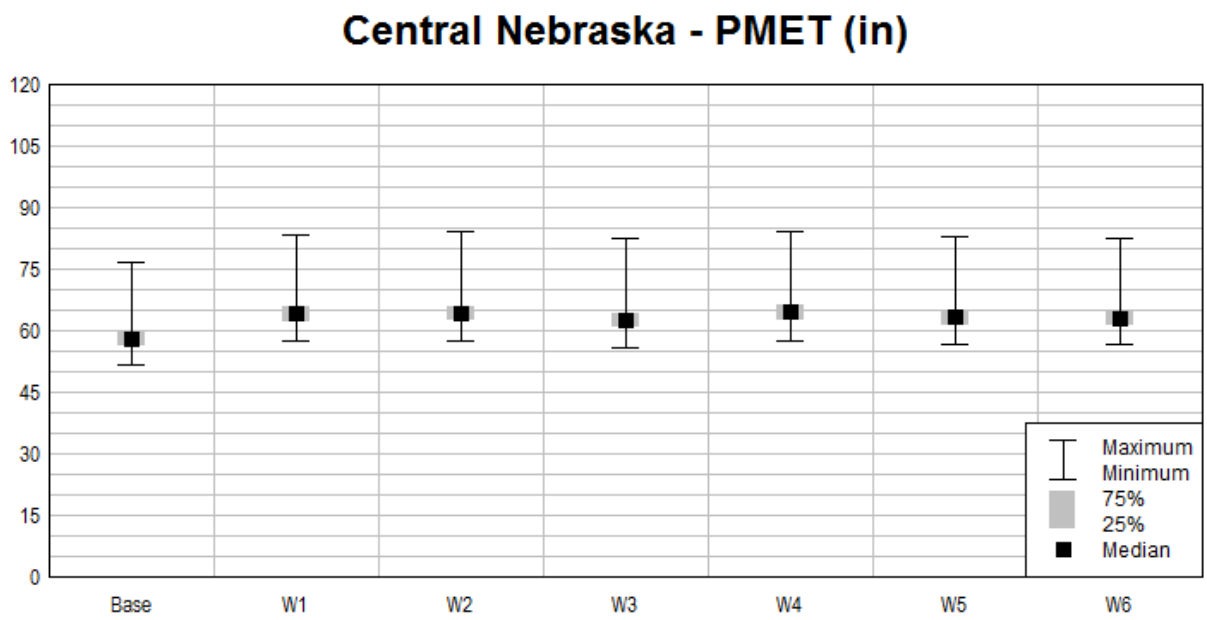


Figure Z-42. Ariz: Comparison of climate scenario Penman-Monteith reference ET for the Salt, Verde, and San Pedro basins

Note: See Table Z-1 for key to climate scenarios.



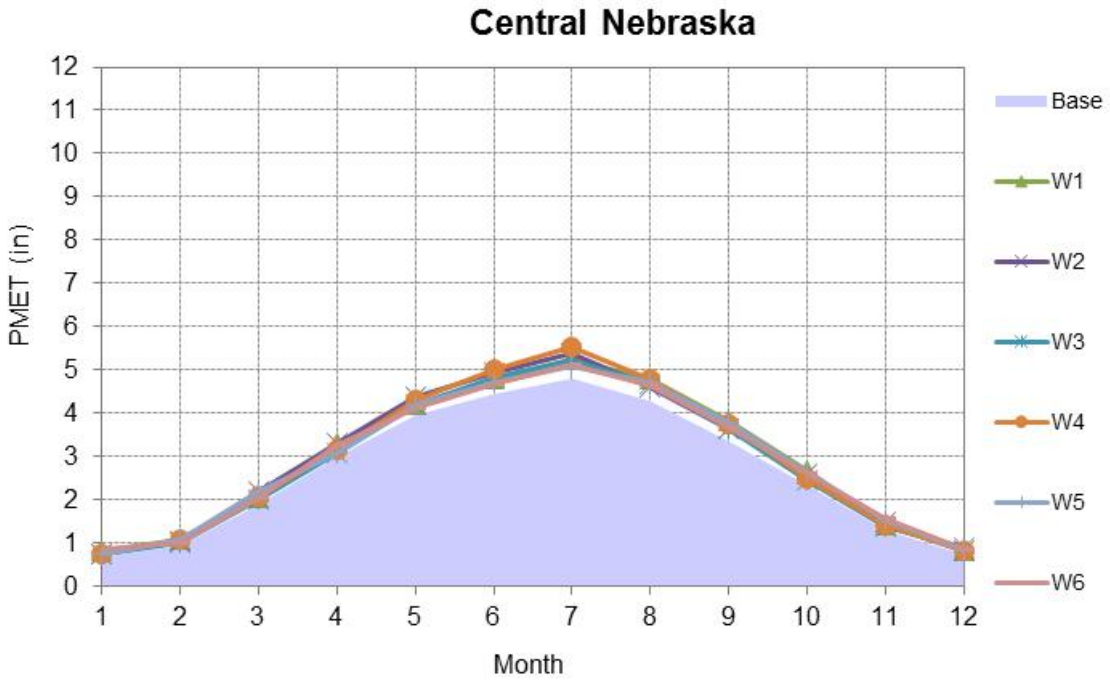
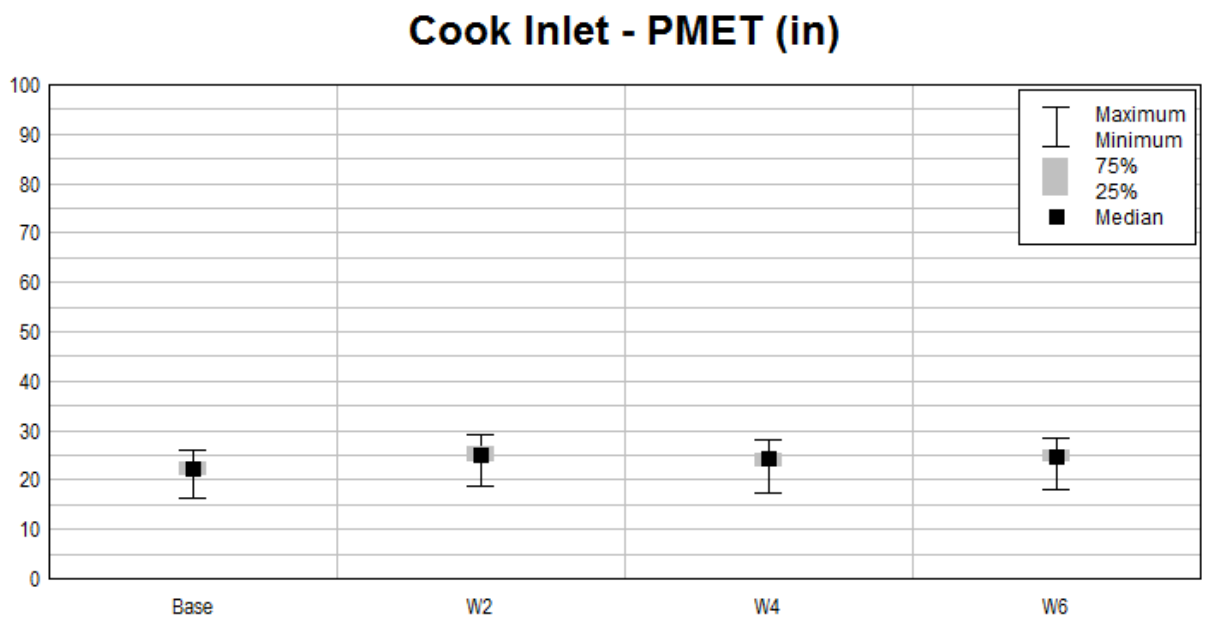


Figure Z-43. CenNeb: Comparison of climate scenario Penman-Monteith reference ET for the Loup/Elkhorn River basin

Note: See Table Z-1 for key to climate scenarios.



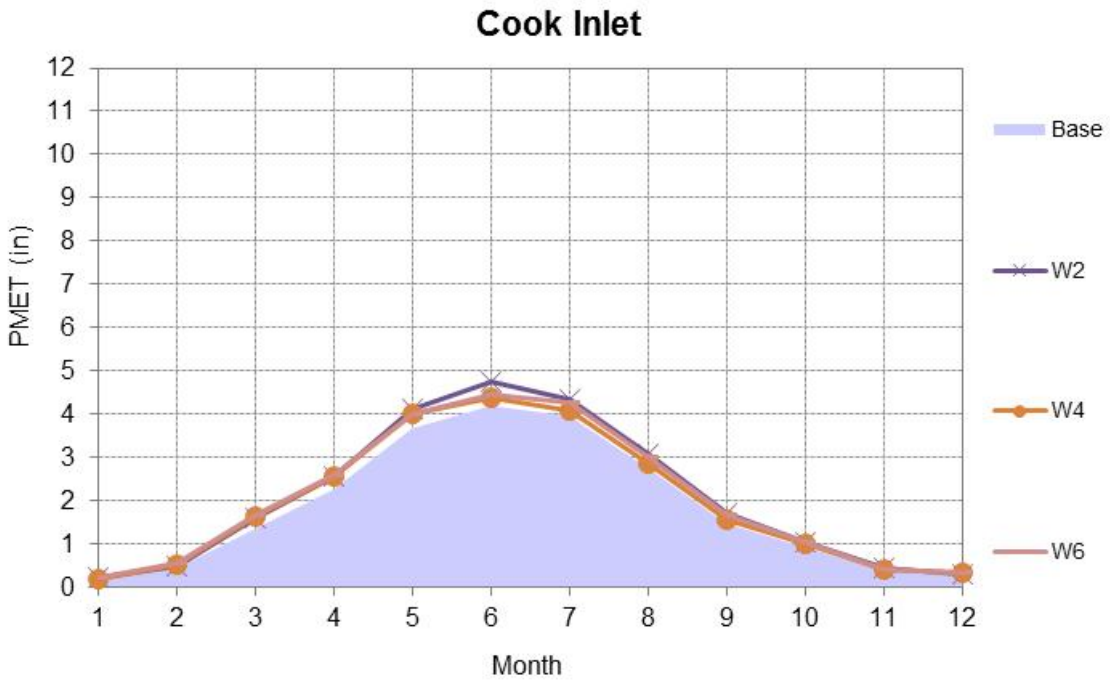
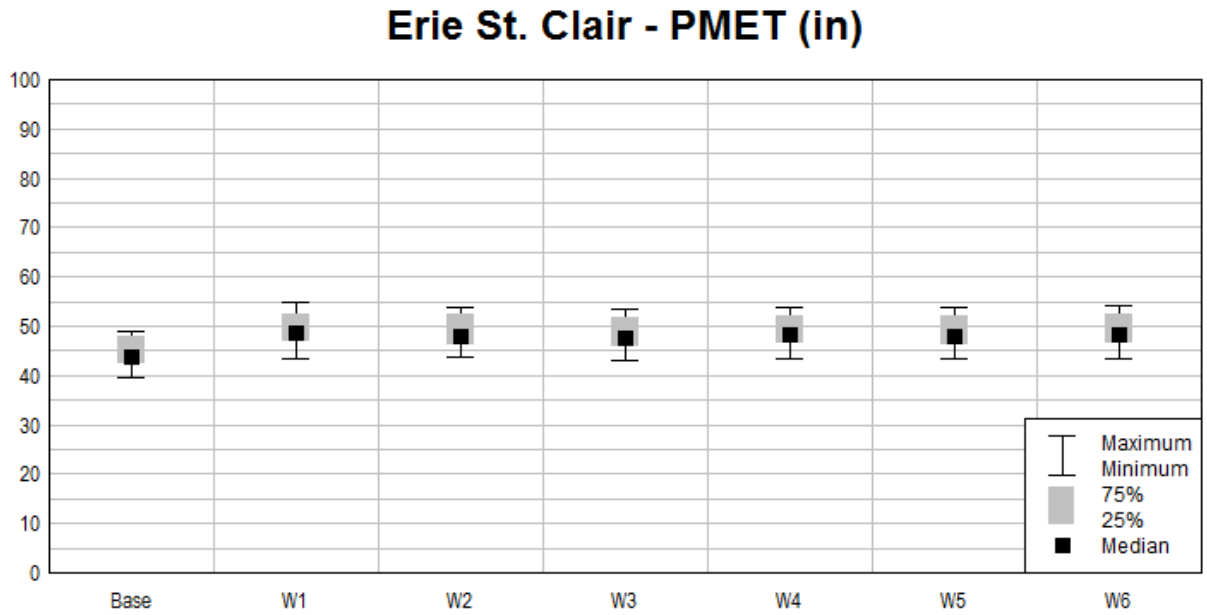


Figure Z-44. Cook: Comparison of climate scenario Penman-Monteith reference ET for the Cook Inlet basin

Note: See Table Z-1 for key to climate scenarios.



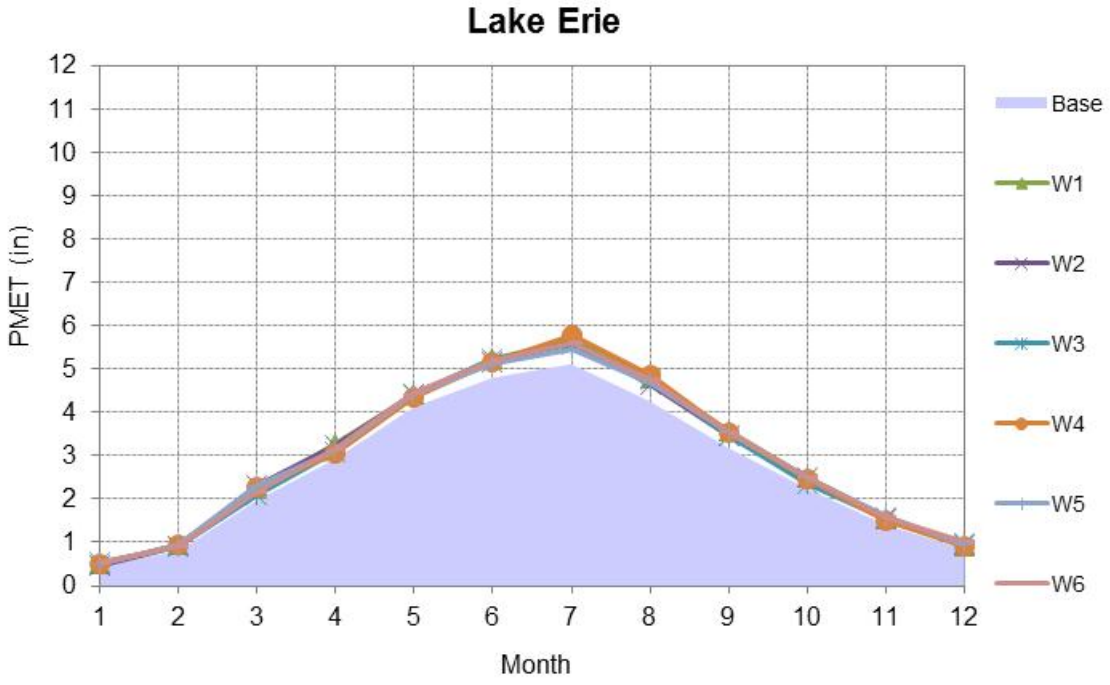
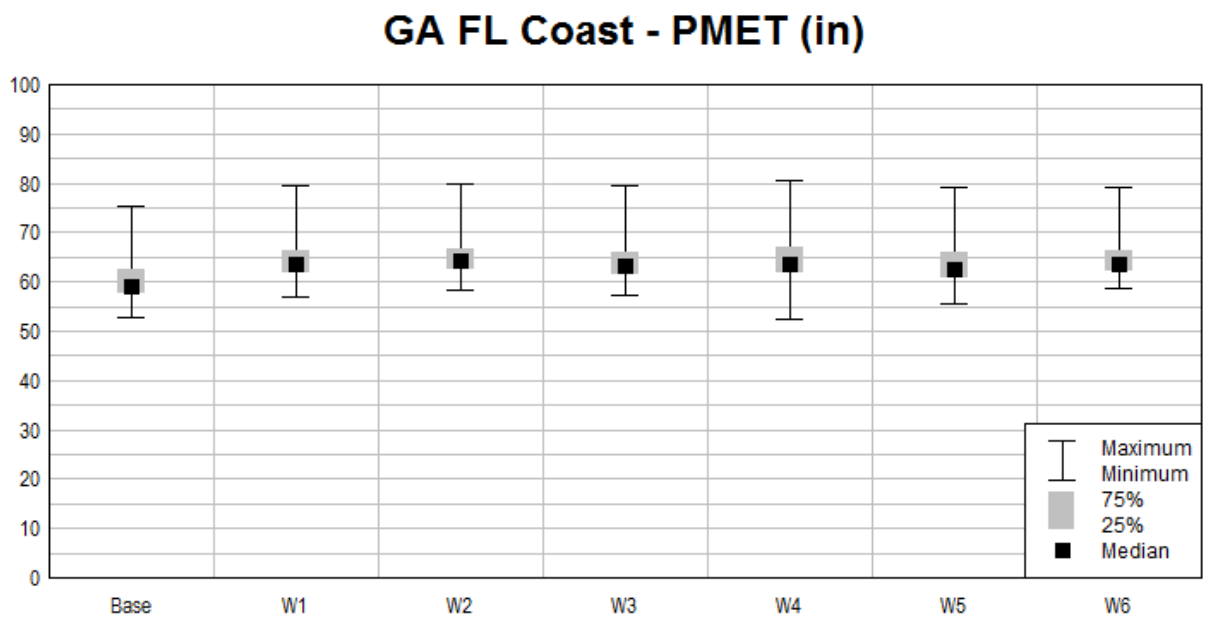


Figure Z-45. Erie: Comparison of climate scenario Penman-Monteith reference ET for the Lake Erie drainages

Note: See Table Z-1 for key to climate scenarios.



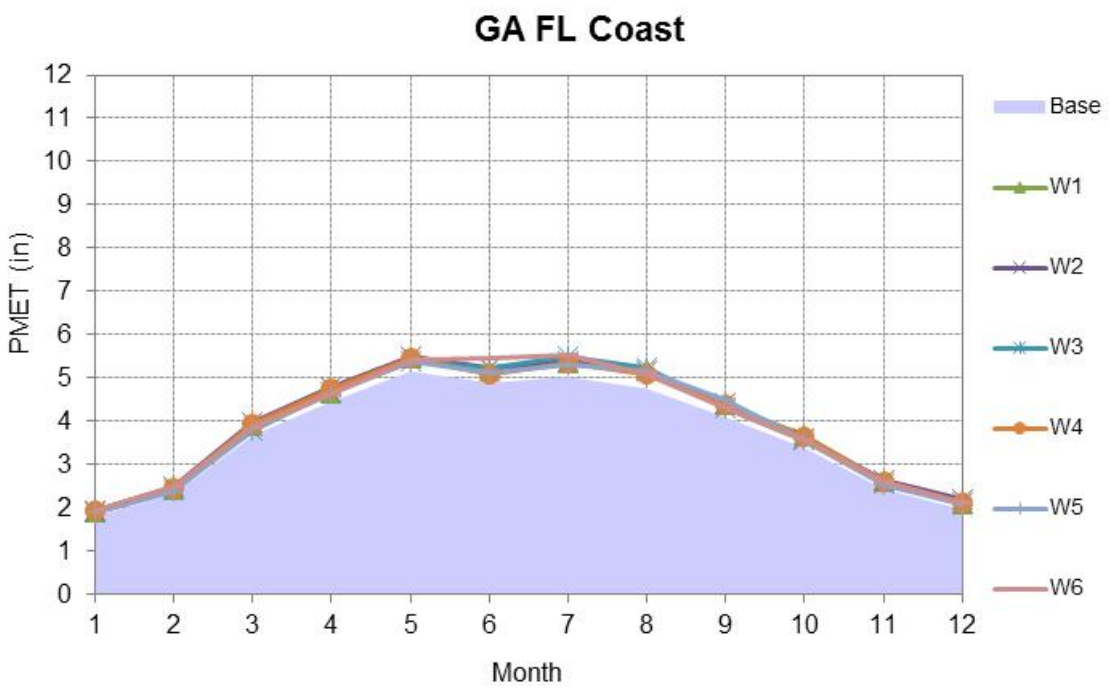
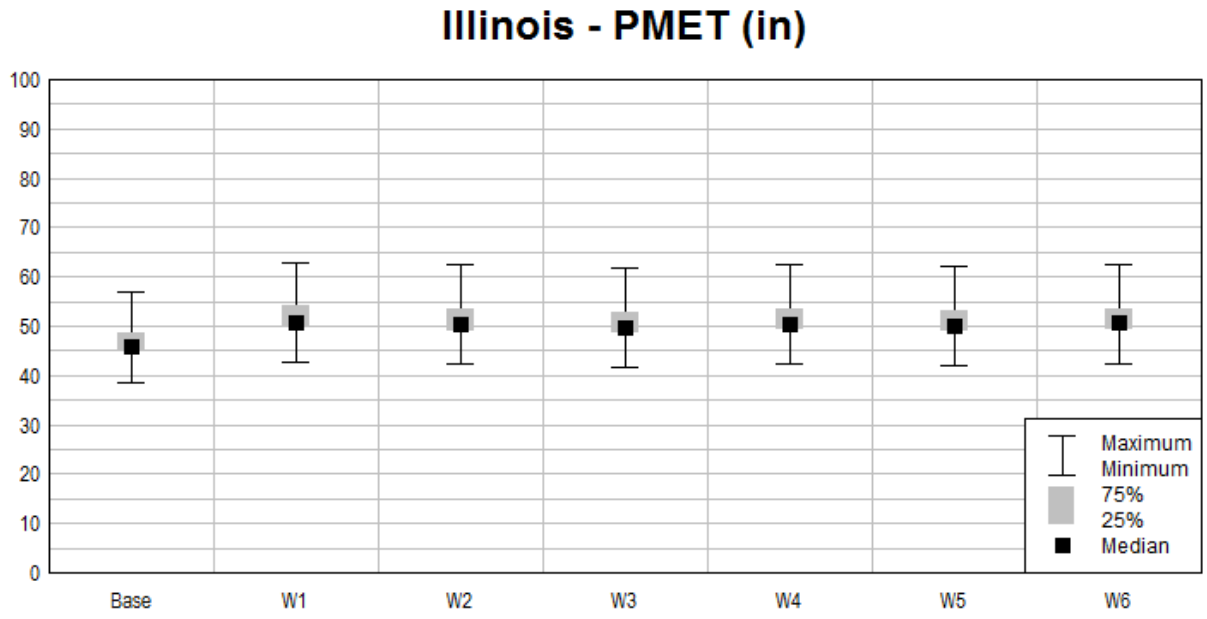


Figure Z-46. GaFla: Comparison of climate scenario Penman-Monteith reference ET for the Georgia-Florida Coastal Plain

Note: See Table Z-1 for key to climate scenarios.



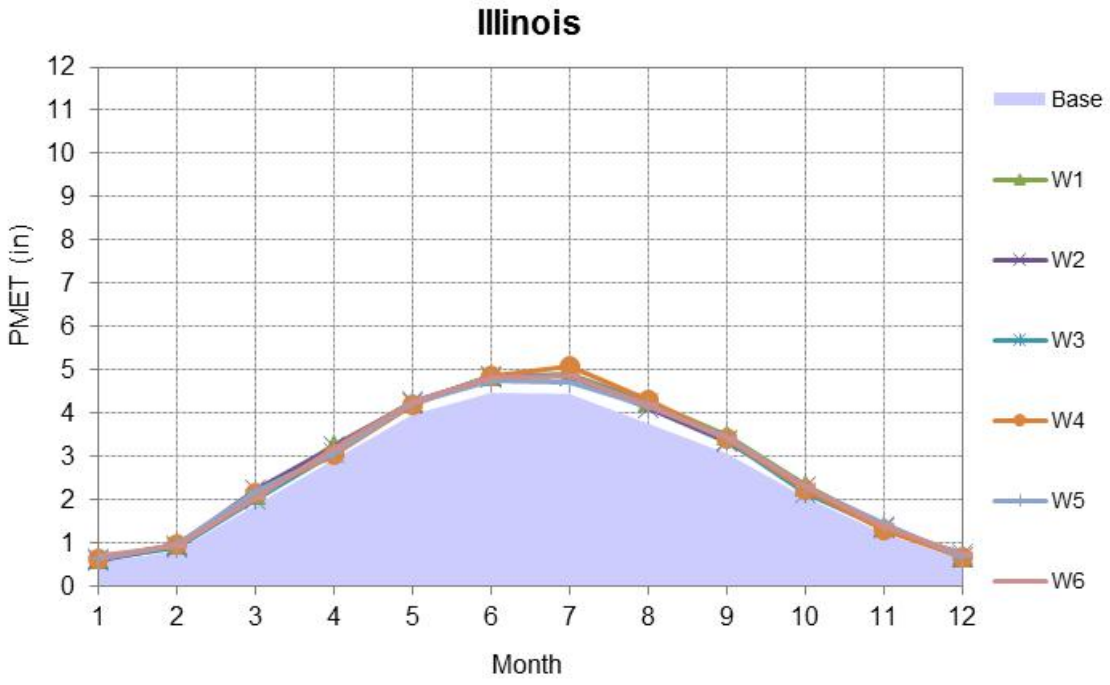
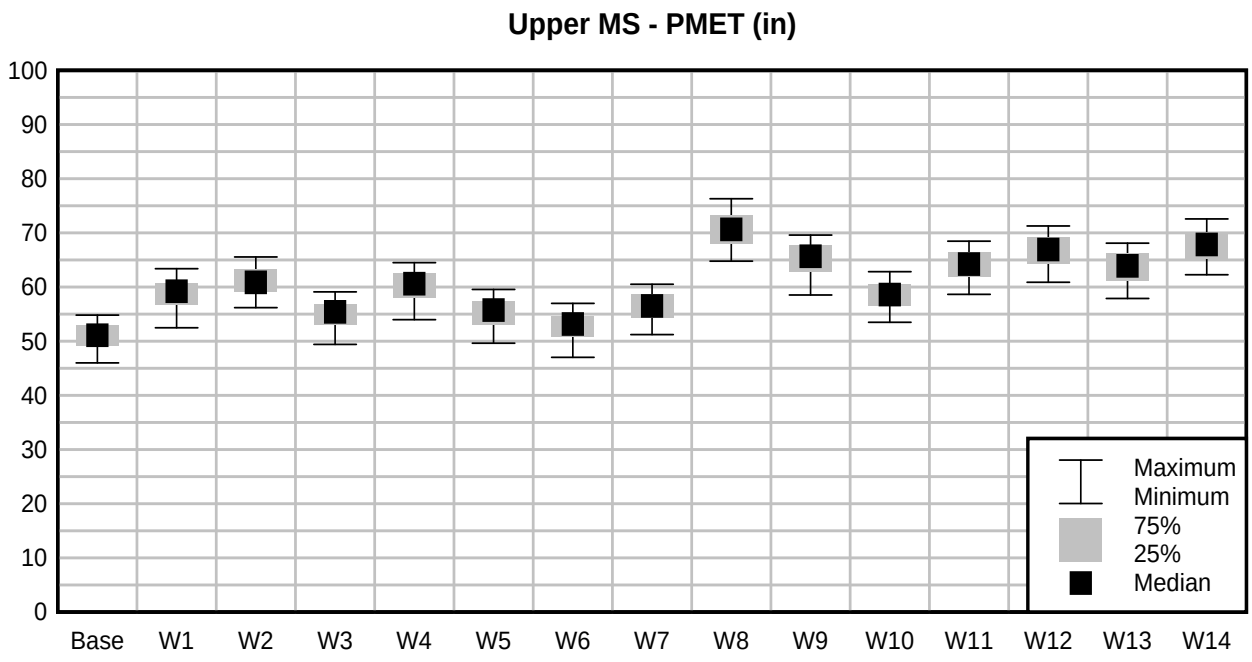


Figure Z-47. Illin: Comparison of climate scenario Penman-Monteith reference ET for the Illinois River basin

Note: See Table Z-1 for key to climate scenarios.



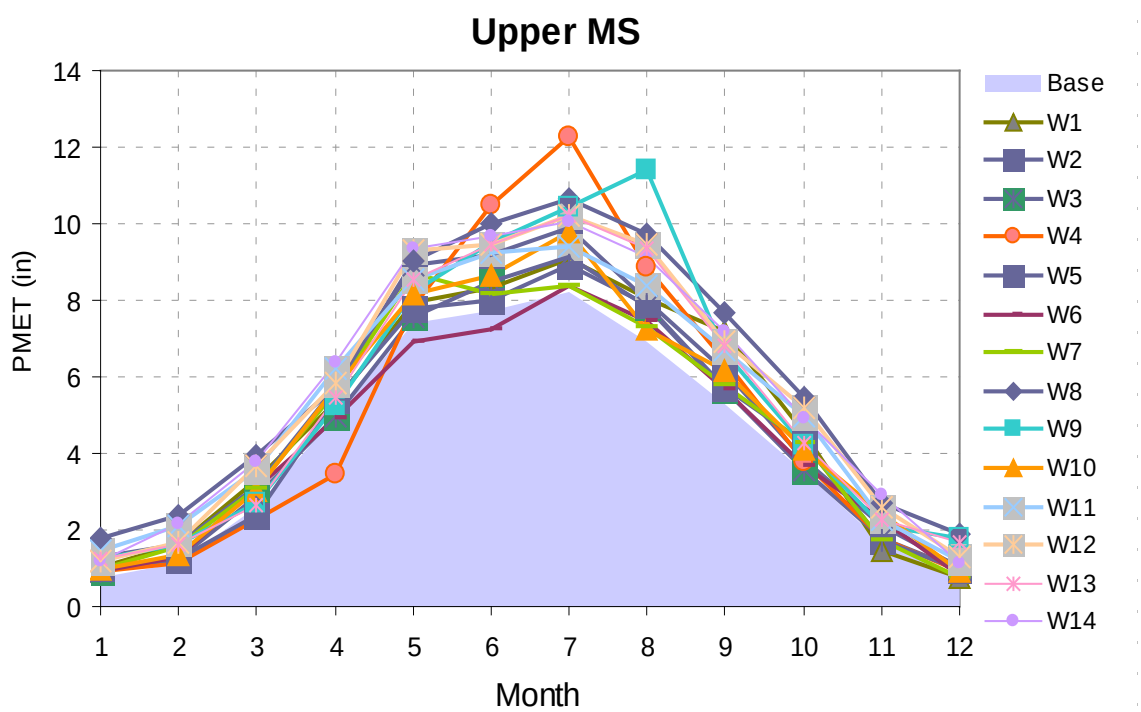
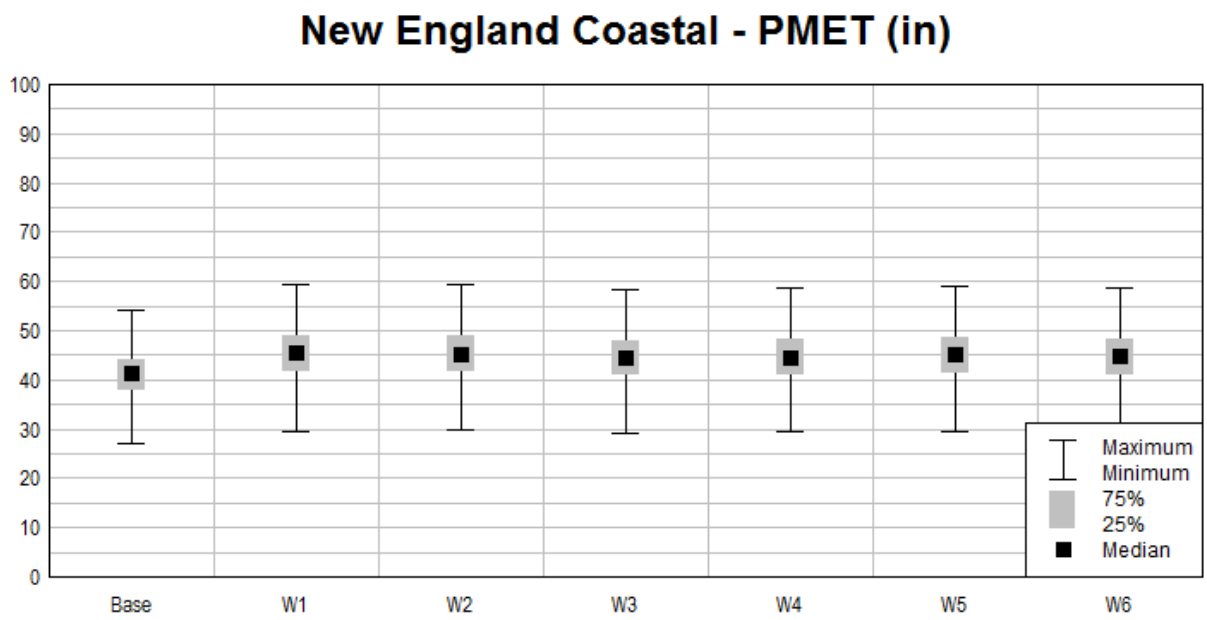


Figure Z-48. Minn: Comparison of climate scenario Penman-Monteith reference ET for the Minnesota River (Upper Mississippi) basin

Note: See Table Z-1 for key to climate scenarios.



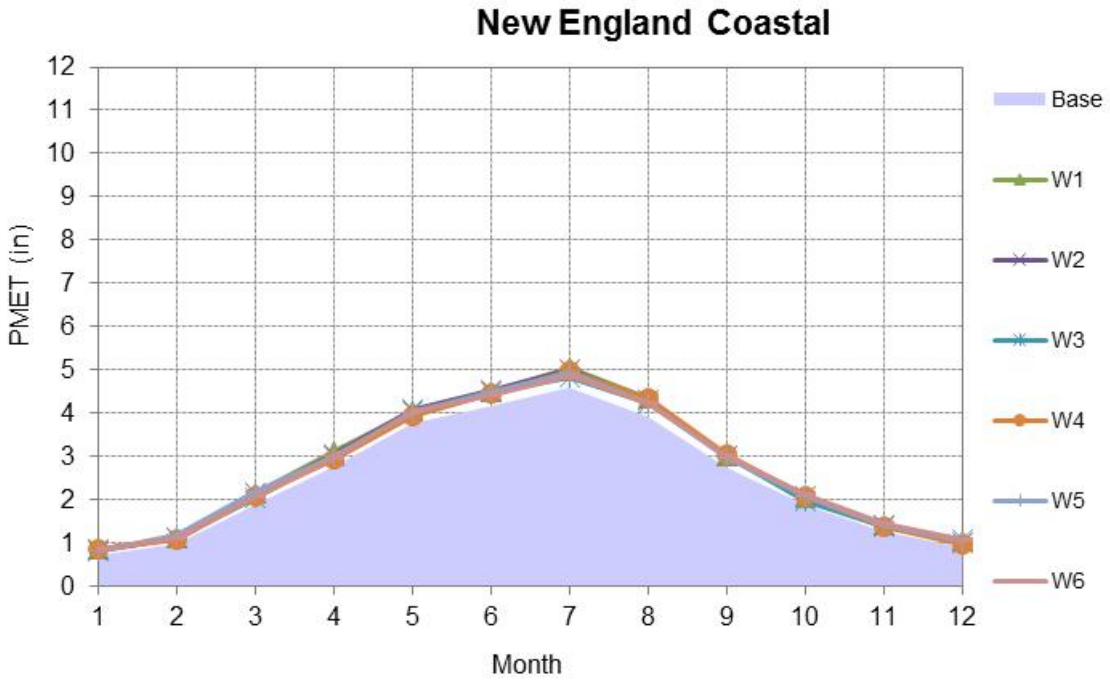
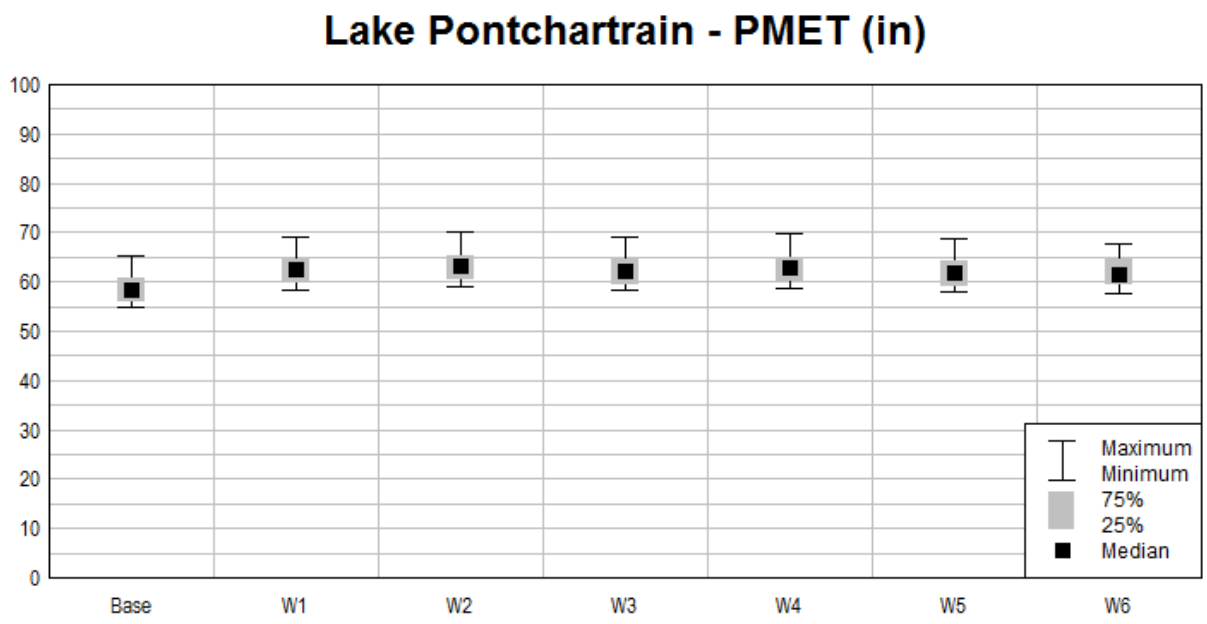


Figure Z-49. NewEng: Comparison of climate scenario Penman-Monteith reference ET for the New England Coastal basins

Note: See Table Z-1 for key to climate scenarios.



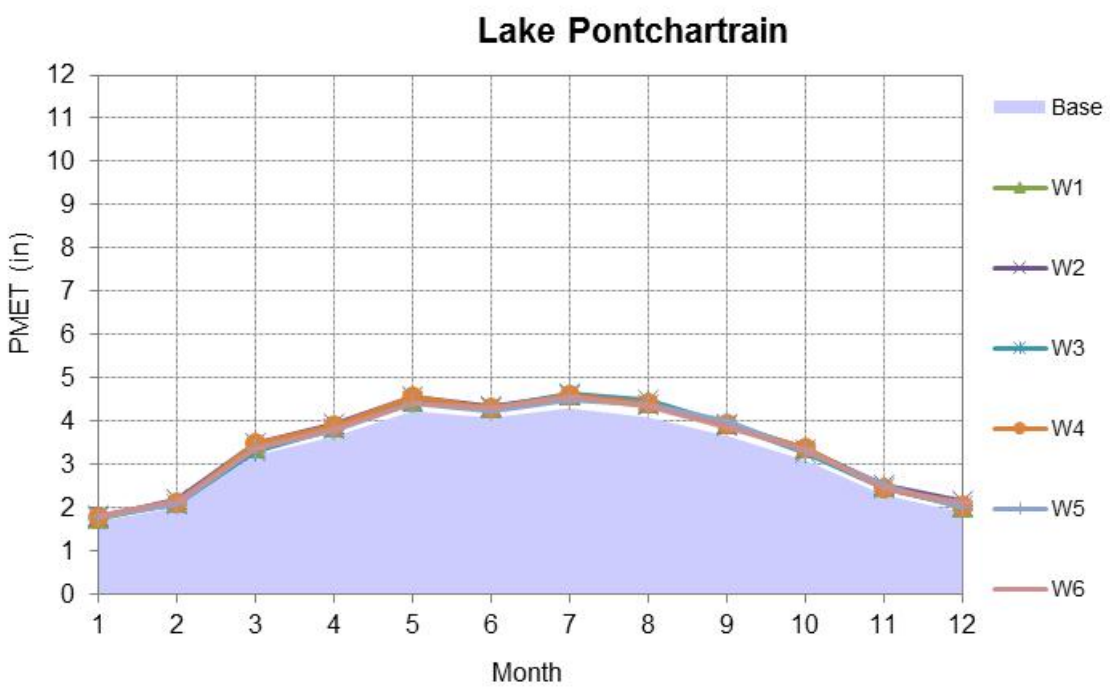
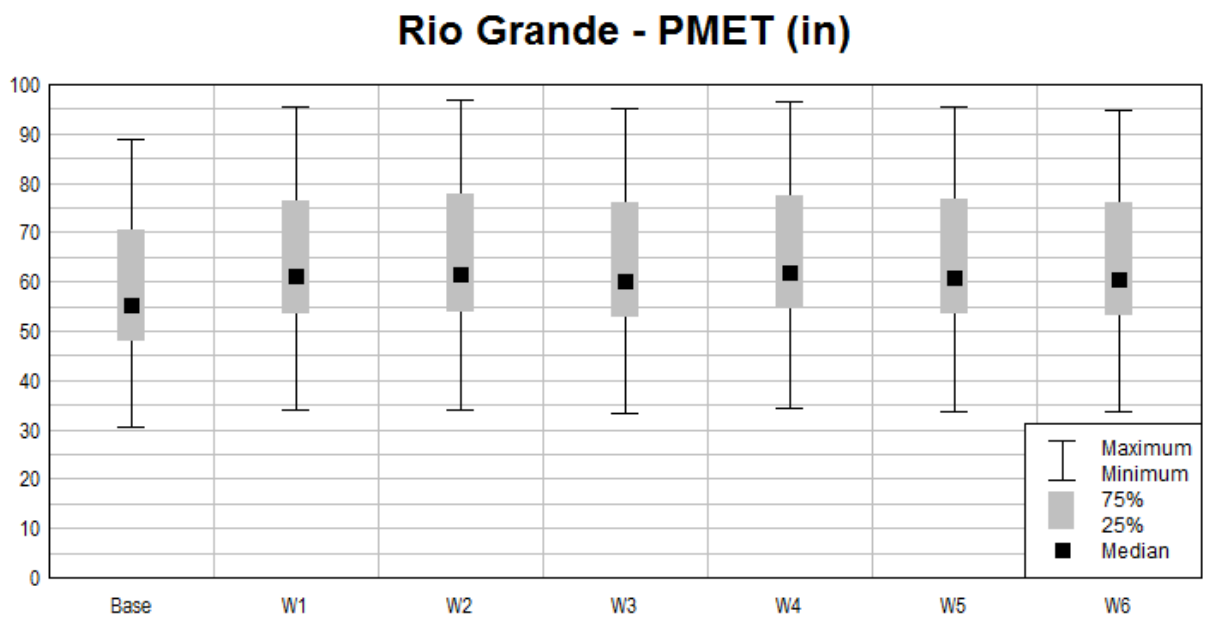


Figure Z-50. Pont: Comparison of climate scenario Penman-Monteith reference ET for the Lake Pontchartrain drainage

Note: See Table Z-1 for key to climate scenarios.



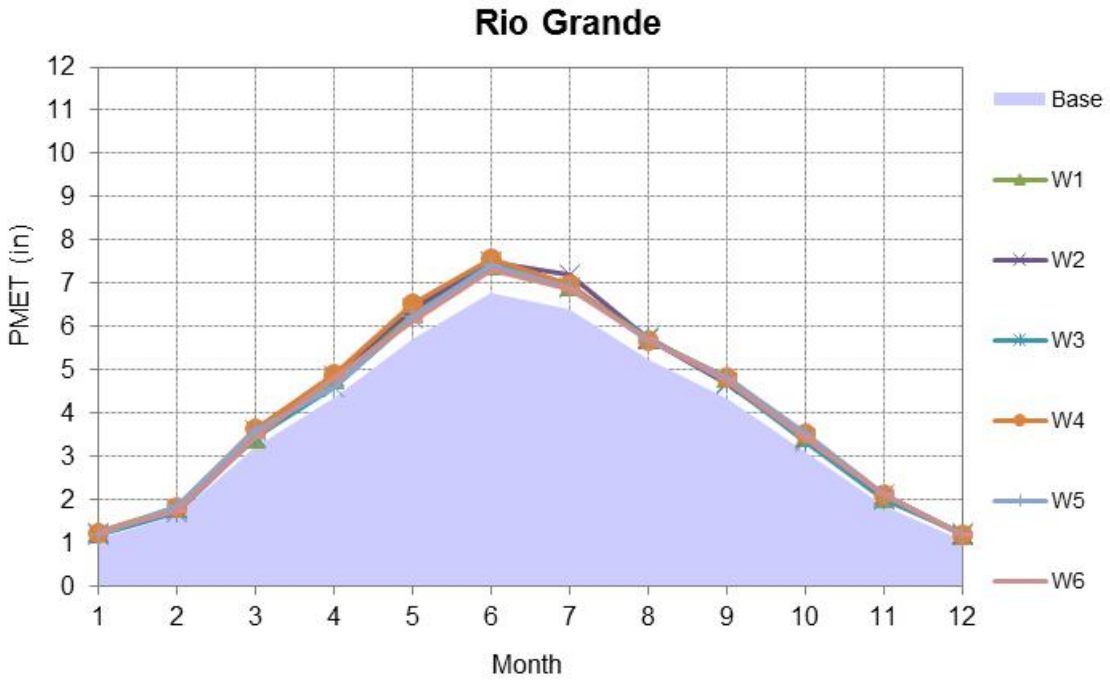
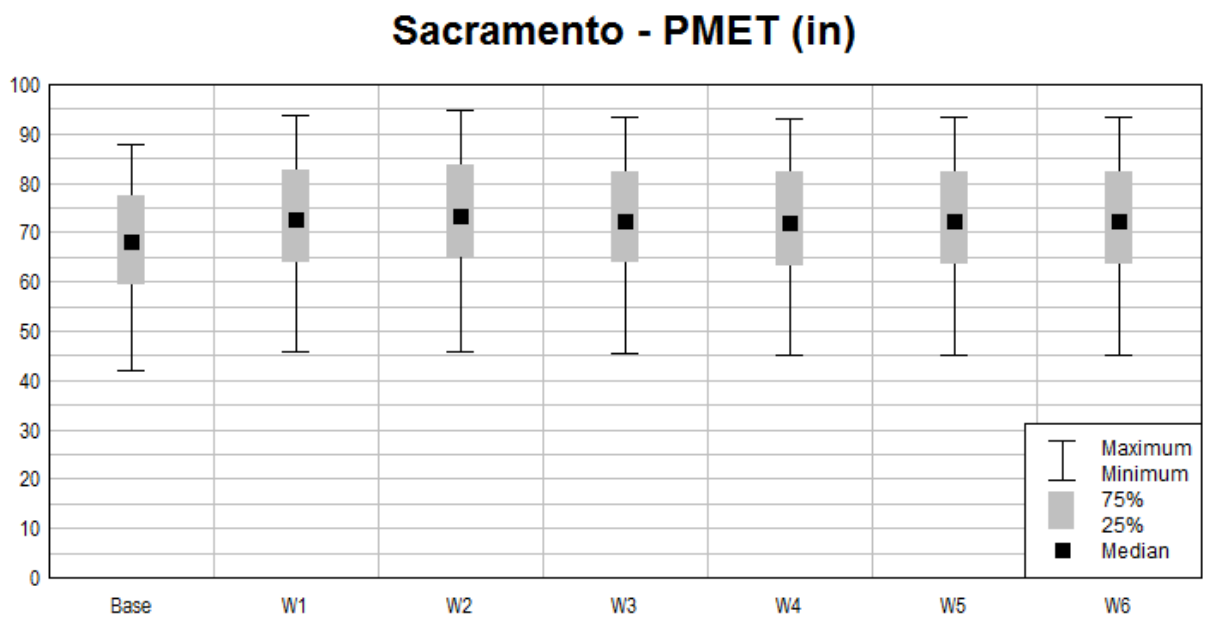


Figure Z-51. RioGra: Comparison of climate scenario Penman-Monteith reference ET for the Rio Grande Valley

Note: See Table Z-1 for key to climate scenarios.



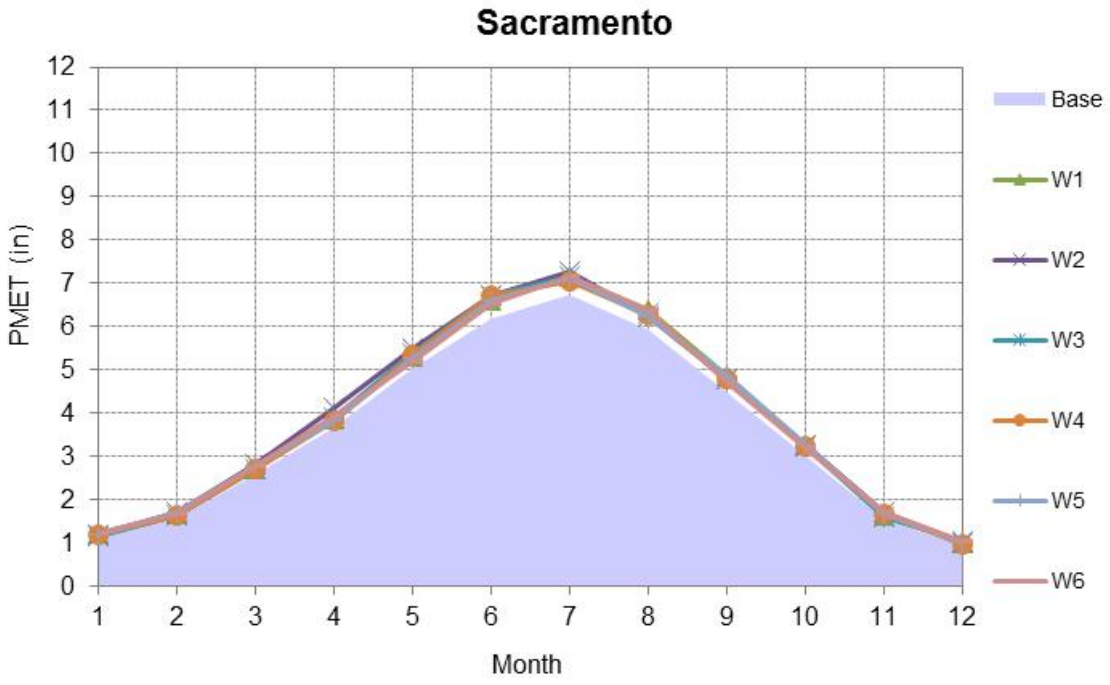
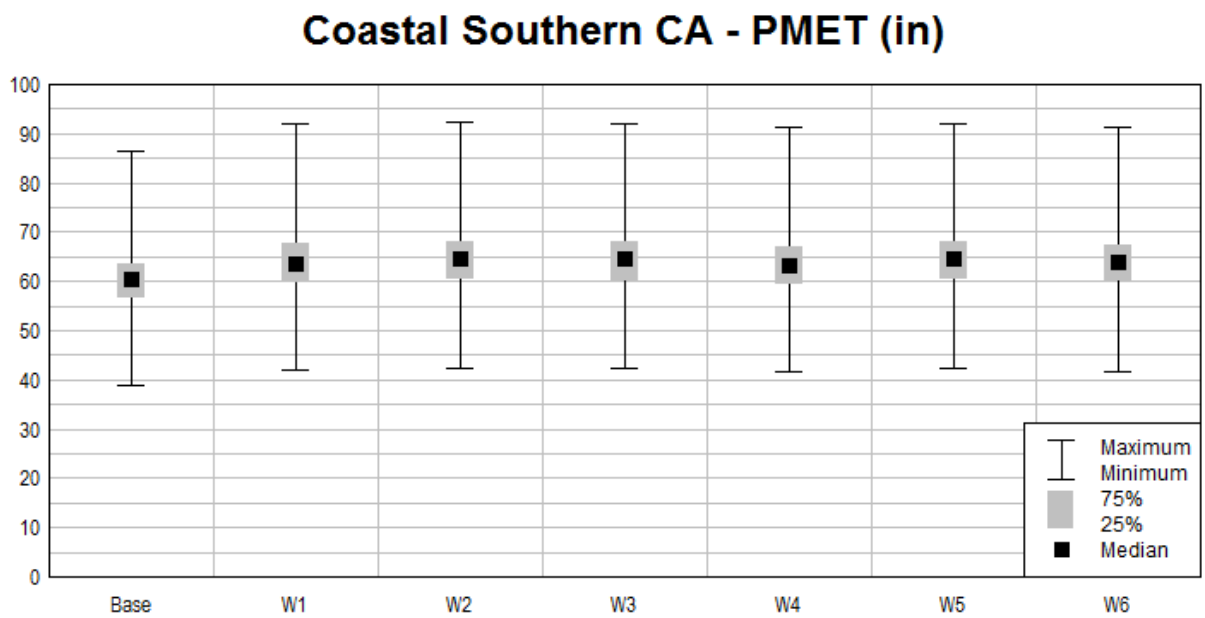


Figure Z-52. Sac: Comparison of climate scenario Penman-Monteith reference ET for the Sacramento River basin

Note: See Table Z-1 for key to climate scenarios.



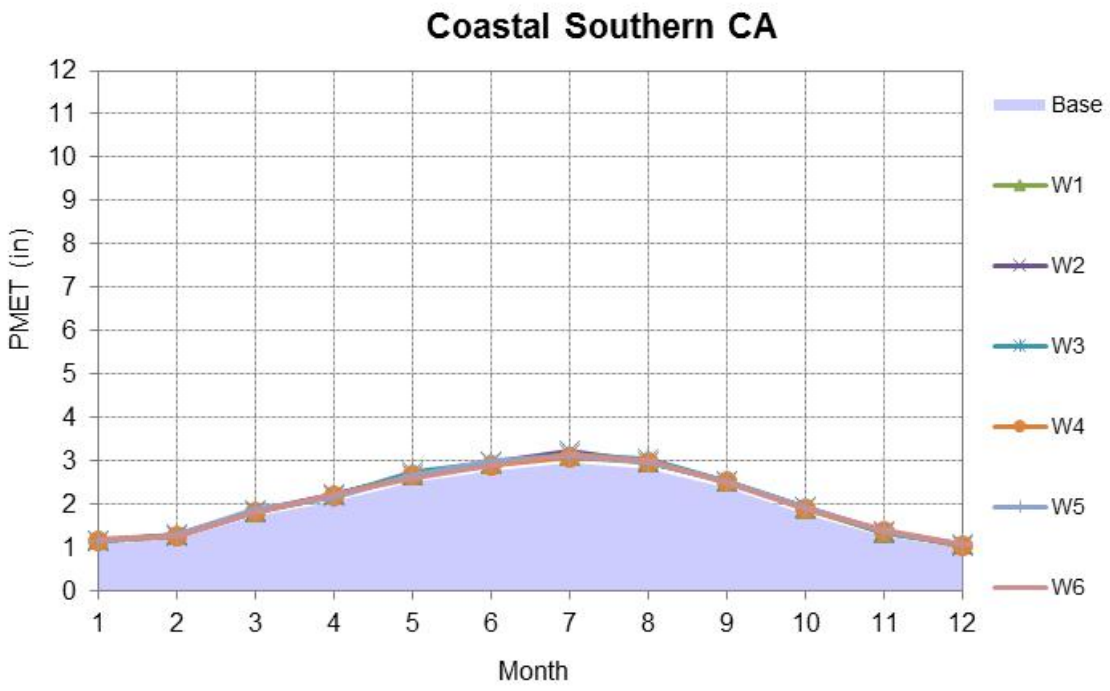
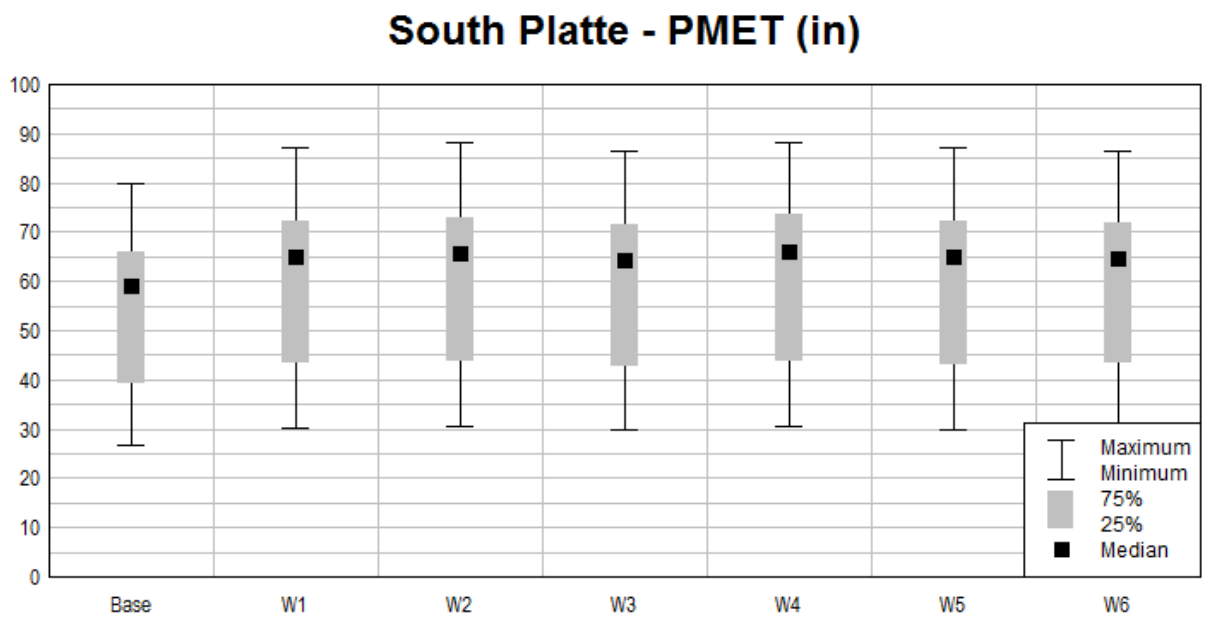


Figure Z-53. SoCal: Comparison of climate scenario Penman-Monteith reference ET for the Coastal Southern California basins

Note: See Table Z-1 for key to climate scenarios.



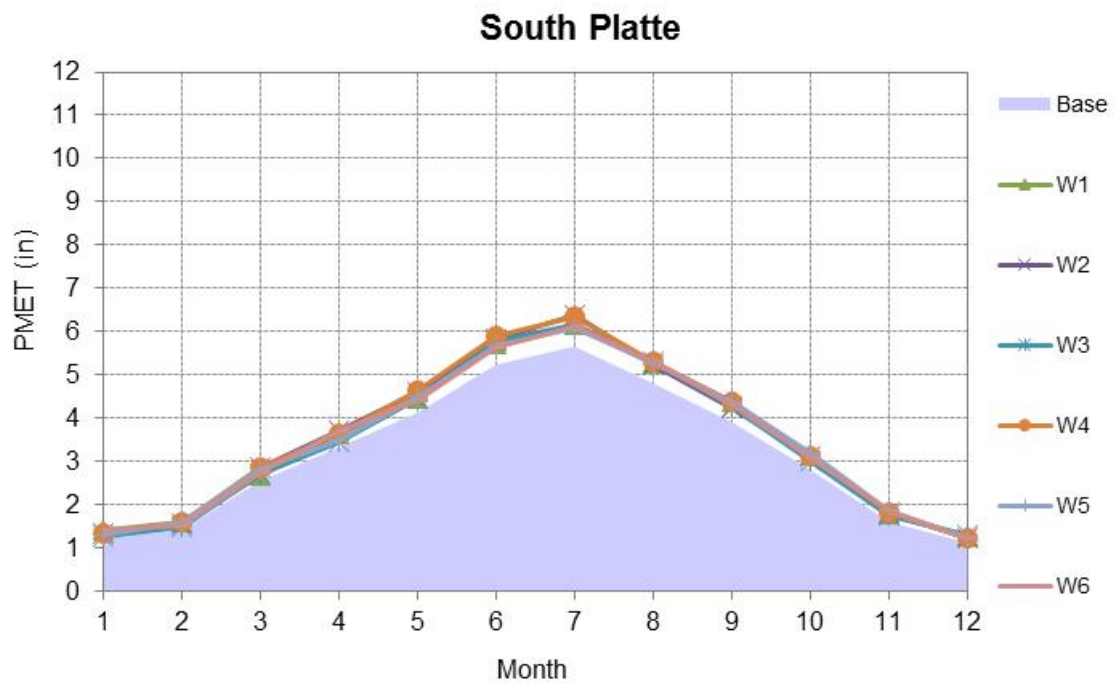
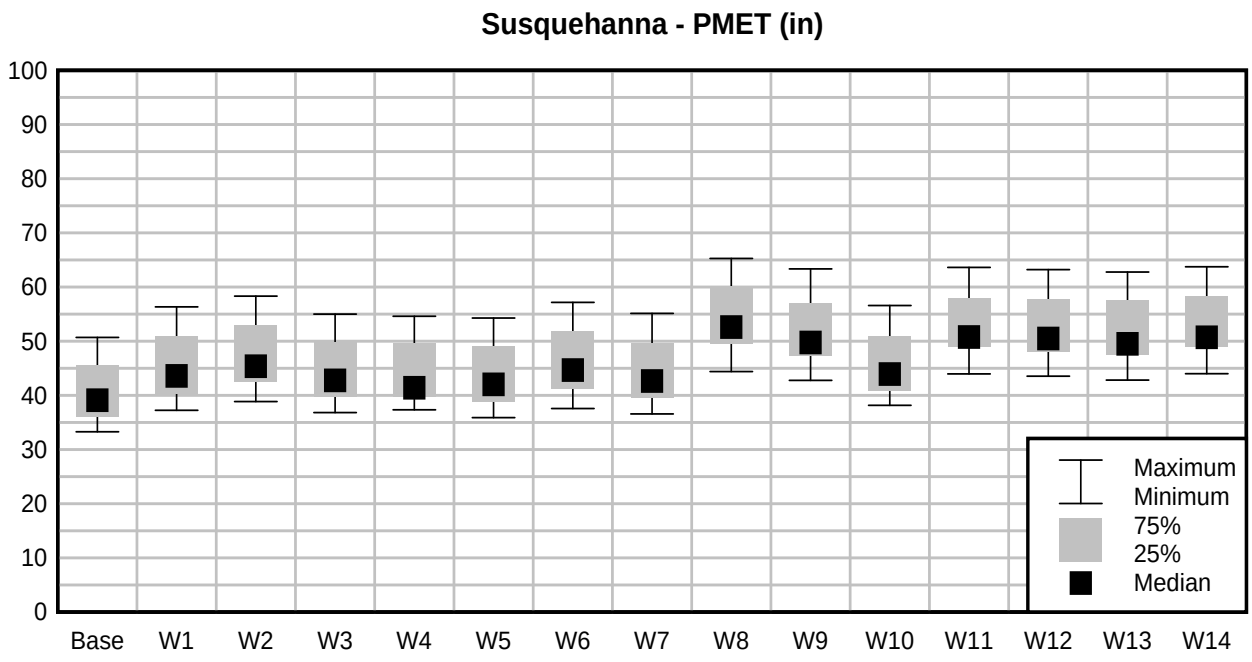


Figure Z-54. SoPlat: Comparison of climate scenario Penman-Monteith reference ET for the South Platte River basin

Note: See Table Z-1 for key to climate scenarios.



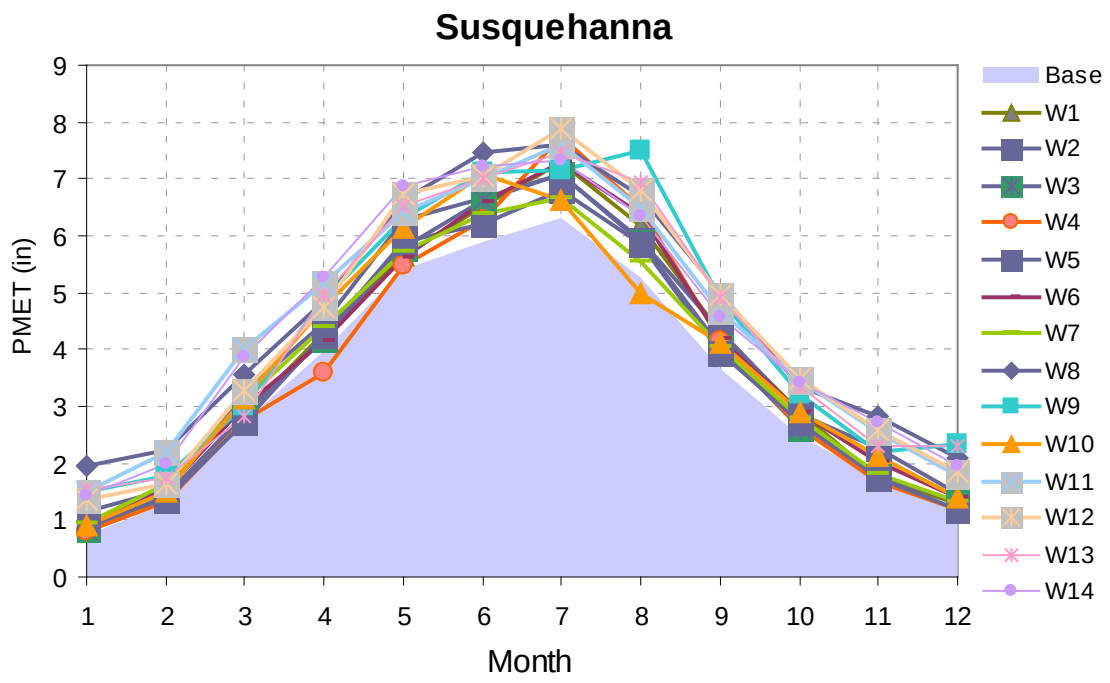
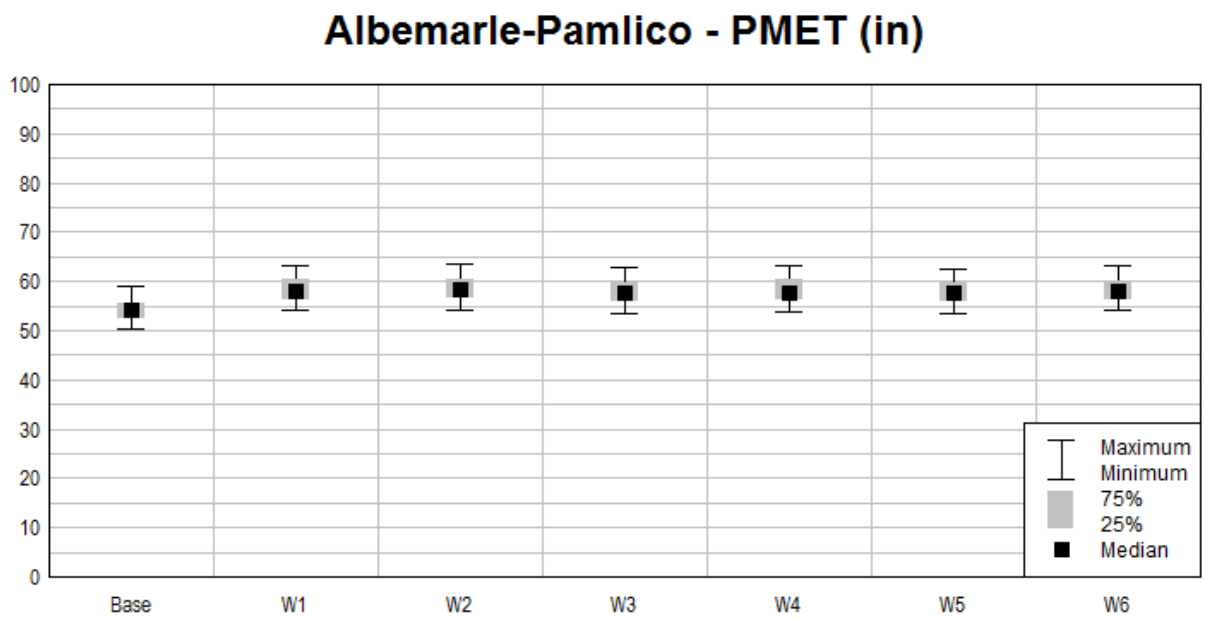


Figure Z-55. Susq: Comparison of climate scenario Penman-Monteith reference ET for the Susquehanna River basin

Note: See Table Z-1 for key to climate scenarios.



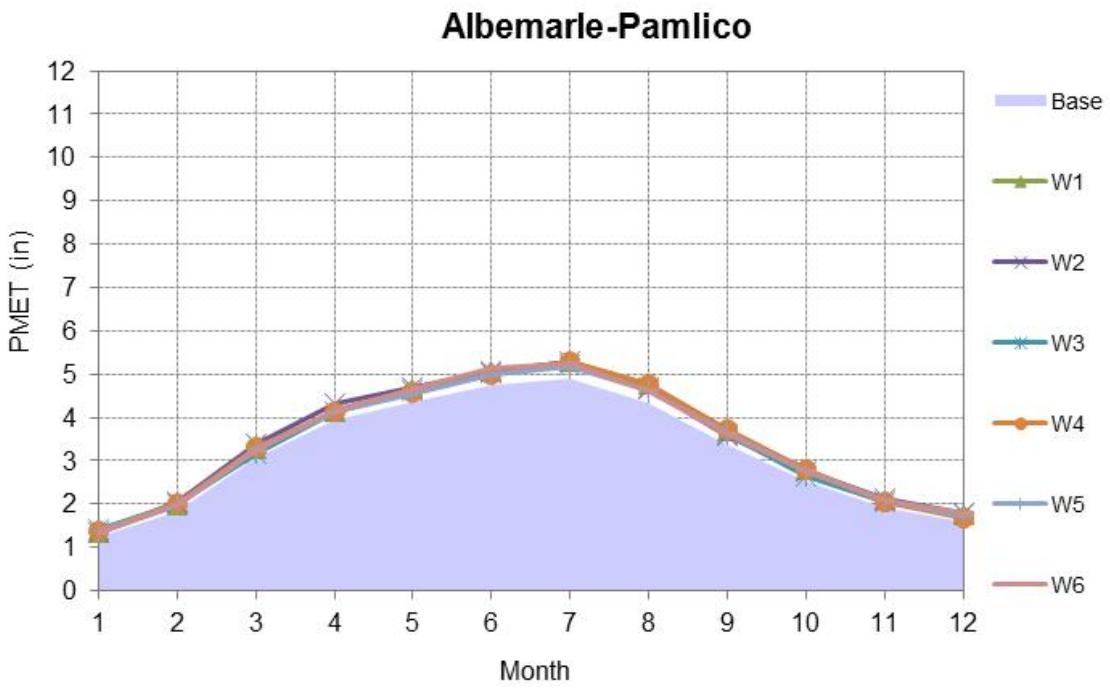
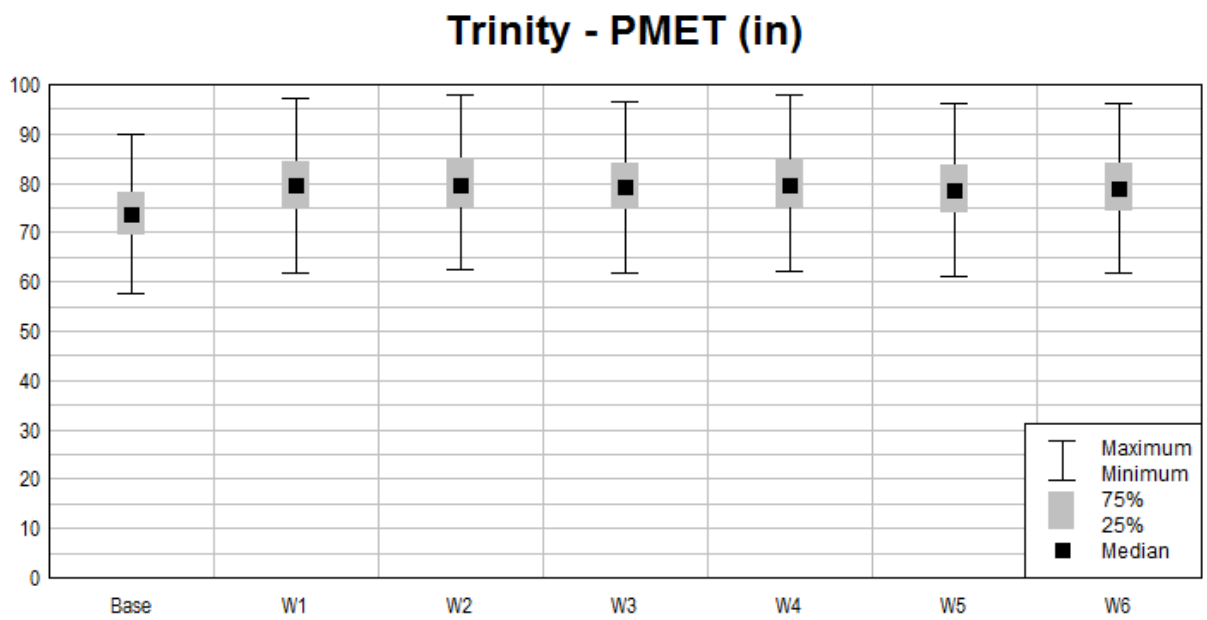


Figure Z-56. TarNeu: Comparison of climate scenario Penman-Monteith reference ET for the Tar and Neuse River basins

Note: See Table Z-1 for key to climate scenarios.



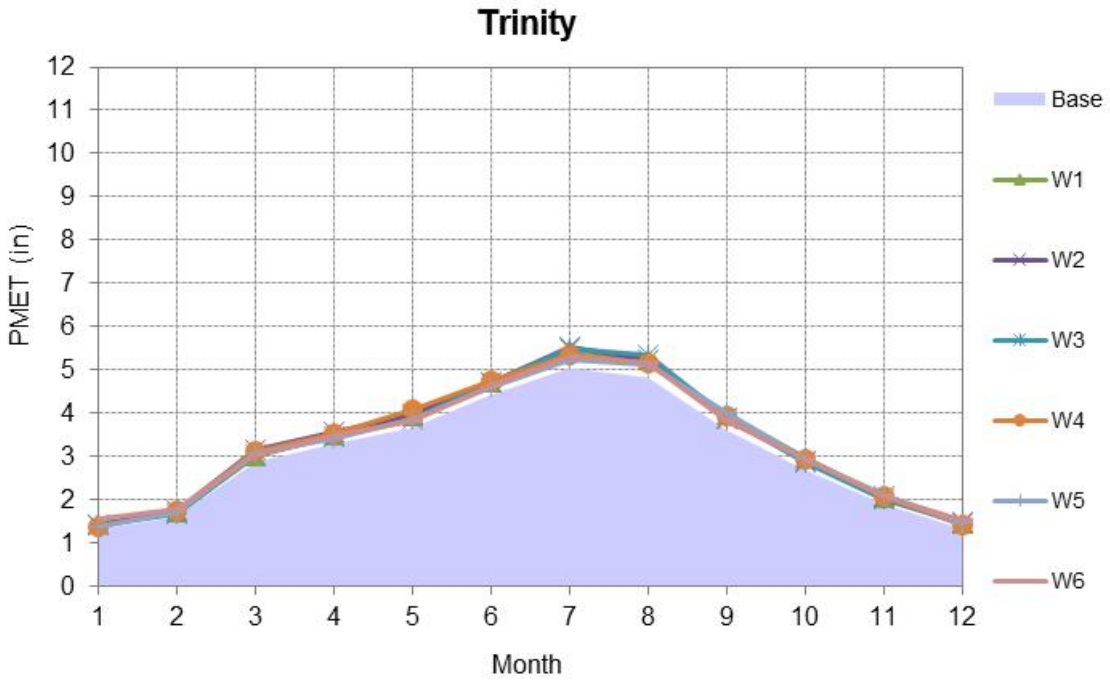
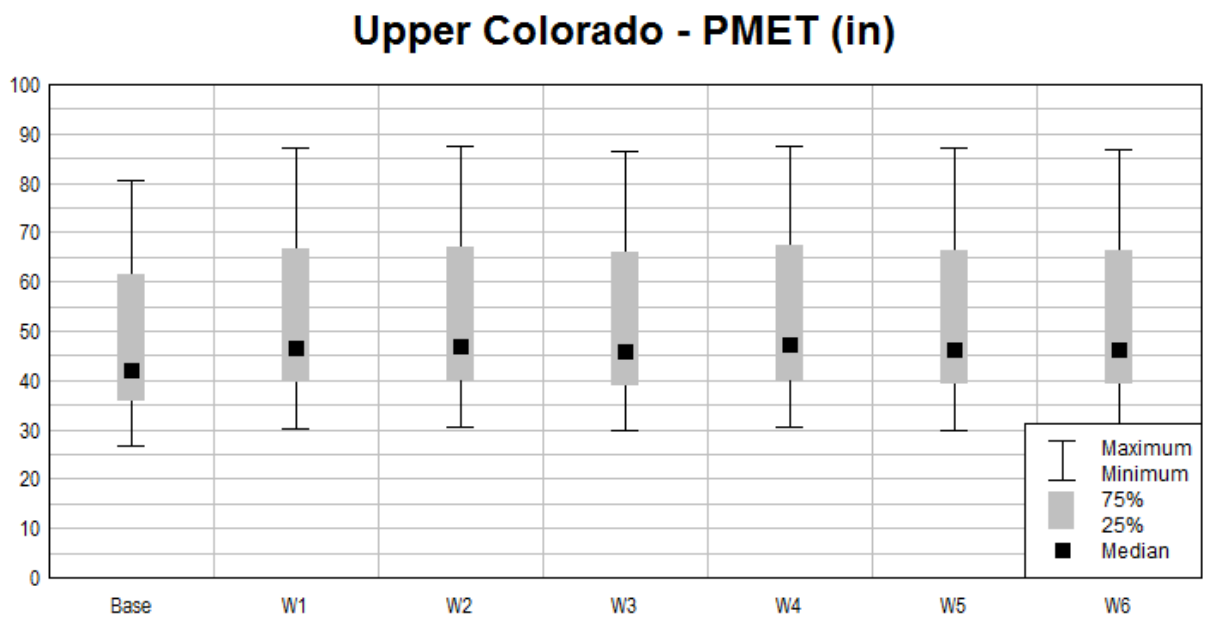


Figure Z-57. Trin: Comparison of climate scenario Penman-Monteith reference ET for the Trinity River basin

Note: See Table Z-1 for key to climate scenarios.



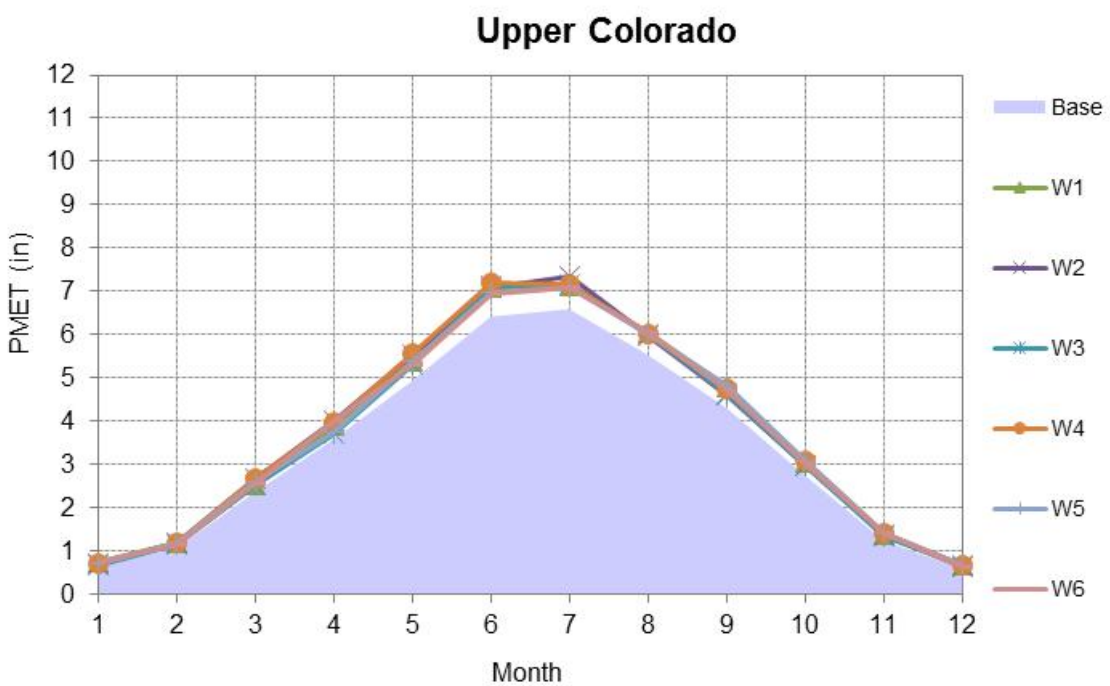
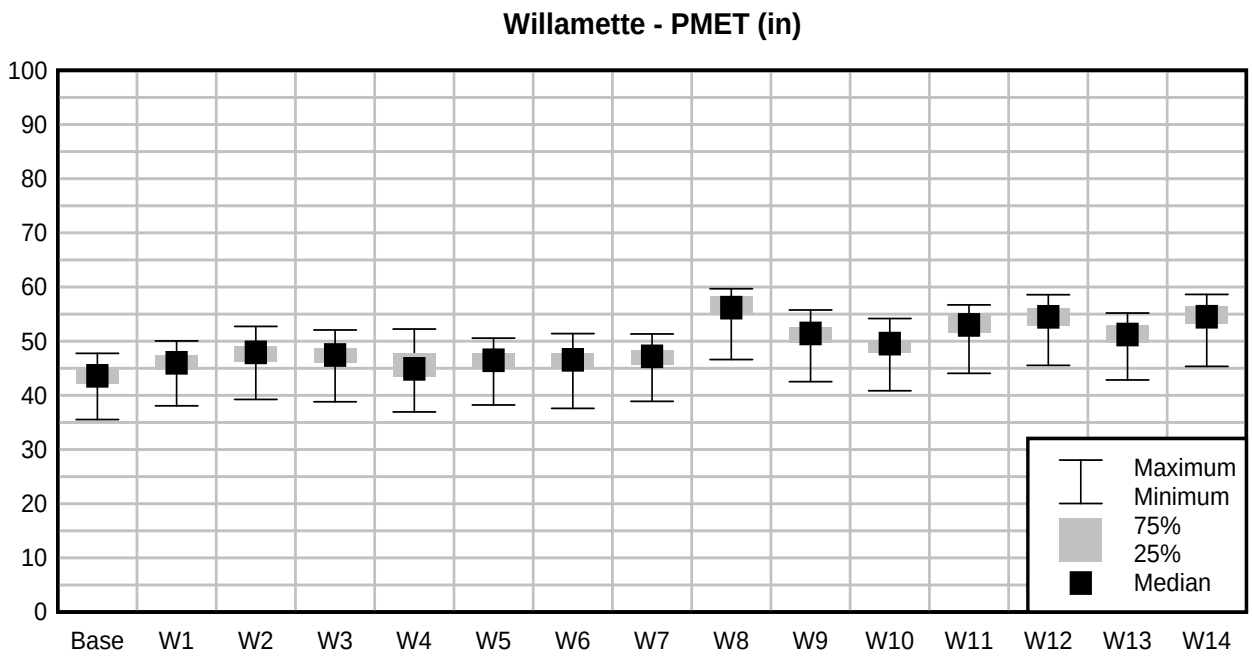


Figure Z-58. UppCol: Comparison of climate scenario Penman-Monteith reference ET for the Upper Colorado basin

Note: See Table Z-1 for key to climate scenarios.



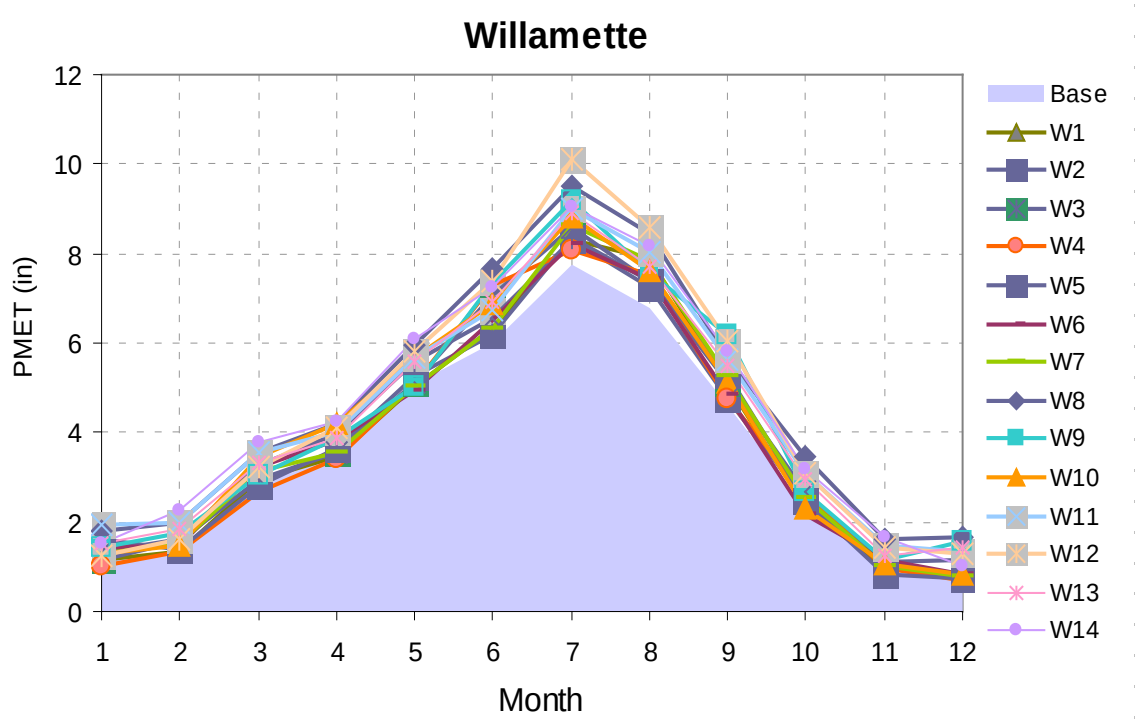
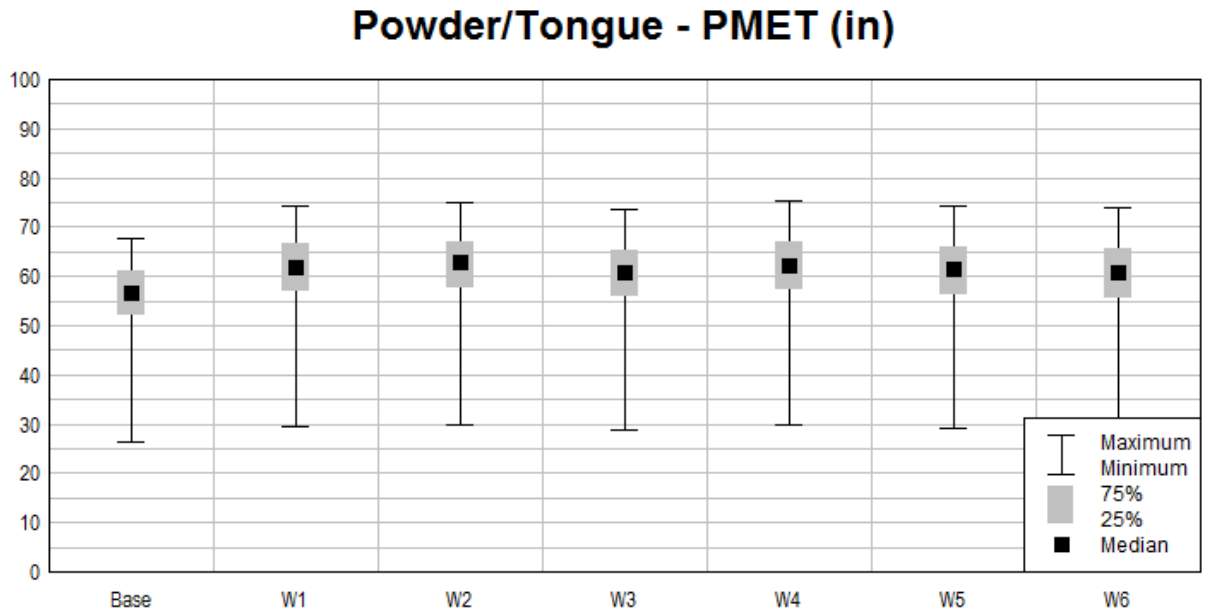


Figure Z-59. Willa: Comparison of climate scenario Penman-Monteith reference ET for the Willamette River basin

Note: See Table Z-1 for key to climate scenarios.



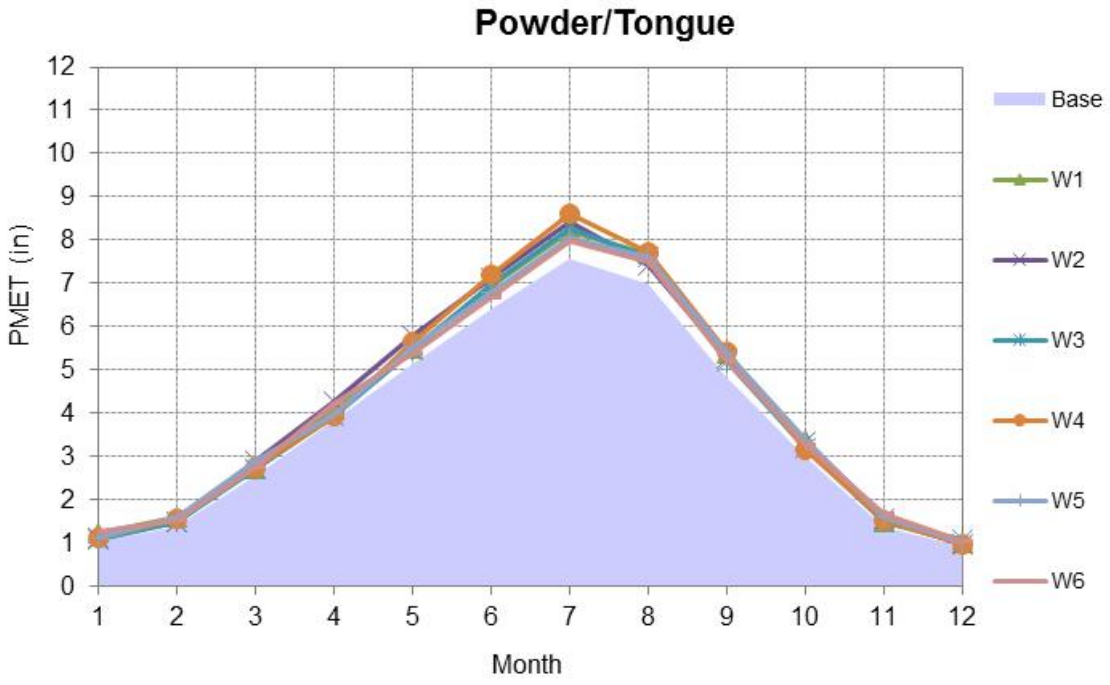


Figure Z-60. Yellow: Comparison of climate scenario Penman-Monteith reference ET for the Powder/Tongue River basins

Note: See Table Z-1 for key to climate scenarios.