

Appendix C. O'ahu Faunal Distribution Maps

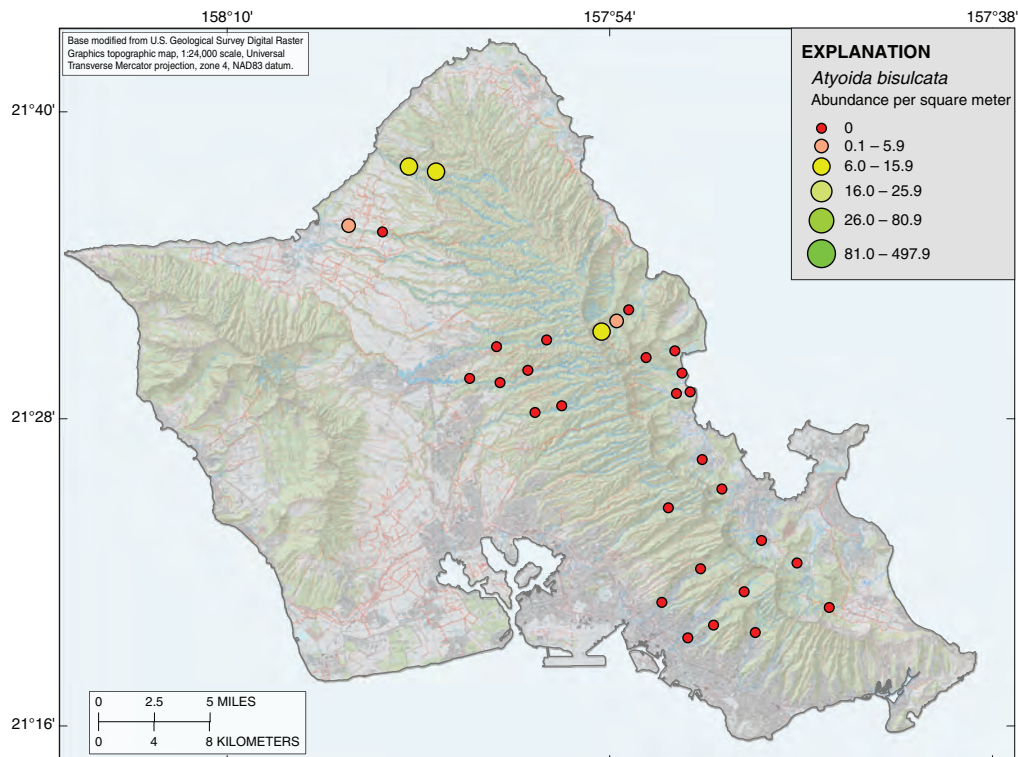


Figure C1. O'ahu Wadeable Stream Assessment (WSA) abundance of *Atyoida bisulcata* in quantitative samples.

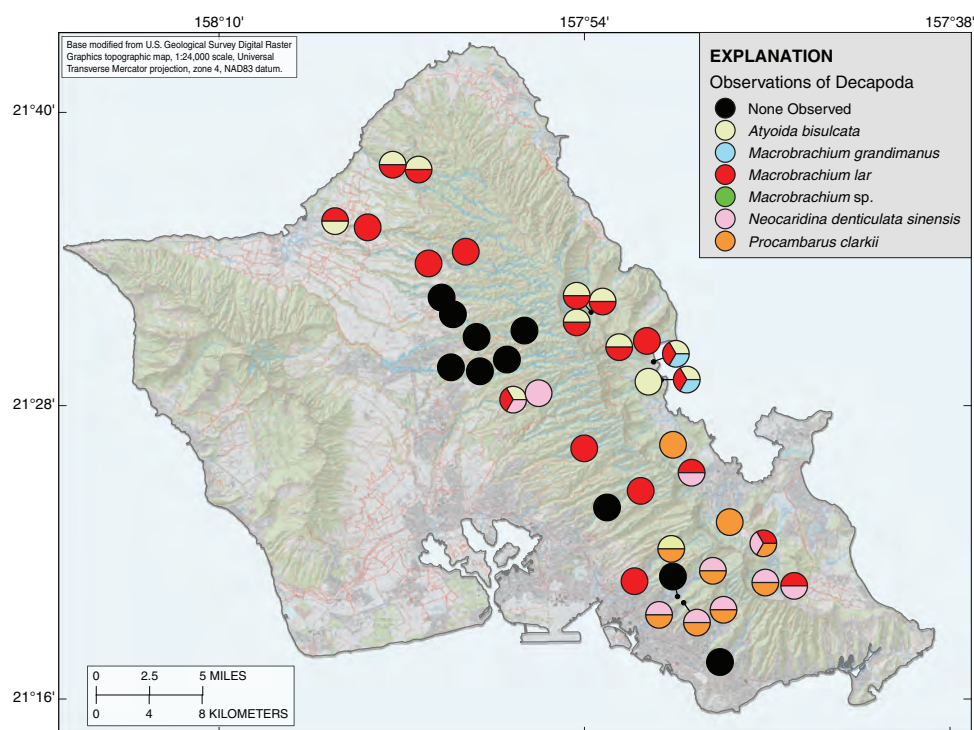


Figure C2. O'ahu Wadeable Stream Assessment (WSA) observations of Decapoda.

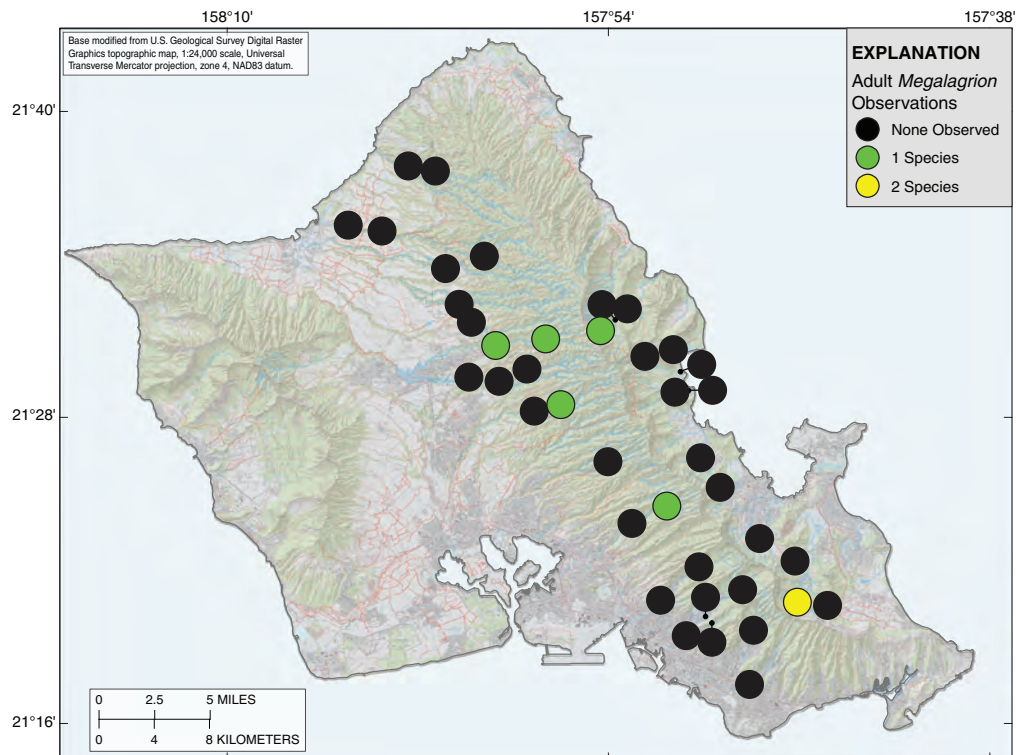


Figure C3. O'ahu Wadeable Stream Assessment (WSA) observations of adult *Megalagrion*.

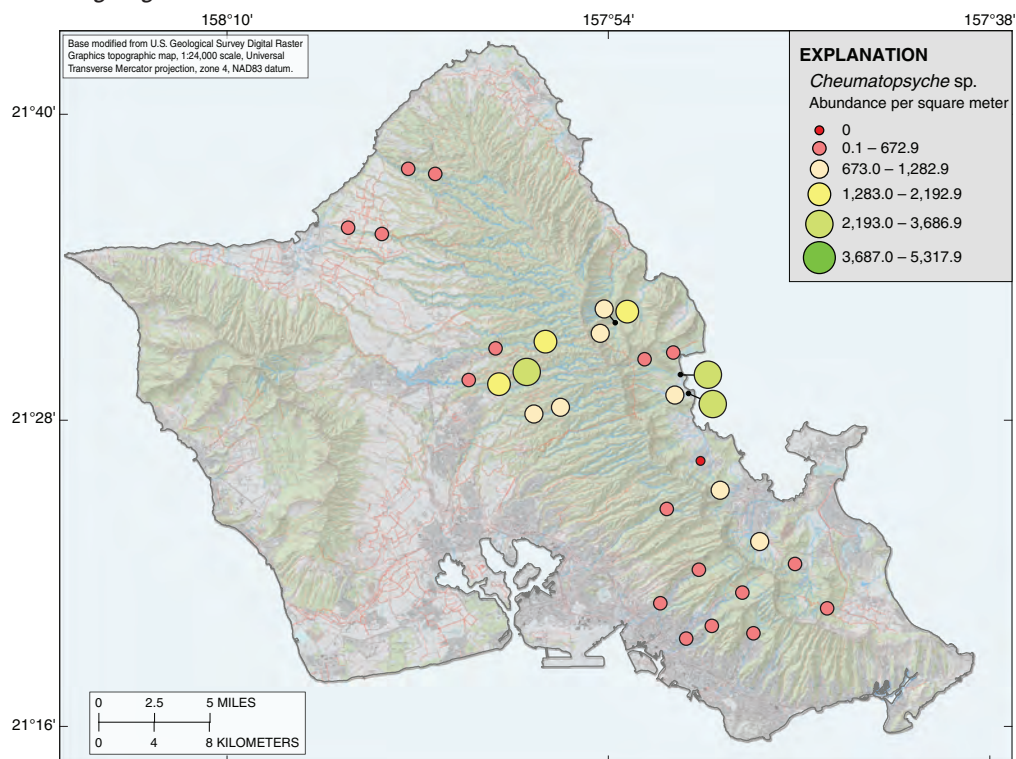


Figure C4. O'ahu Wadeable Stream Assessment (WSA) abundance of *Cheumatopsyche* in quantitative samples.

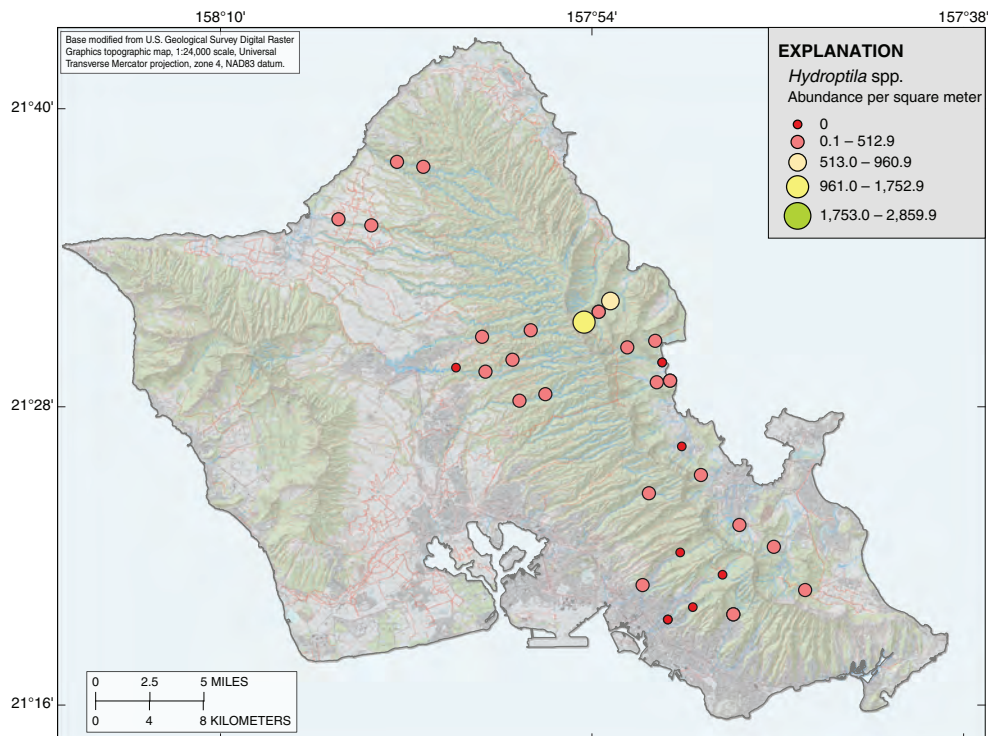


Figure C5. O'ahu Wadeable Stream Assessment (WSA) abundance of *Hydropsyche* in quantitative samples.

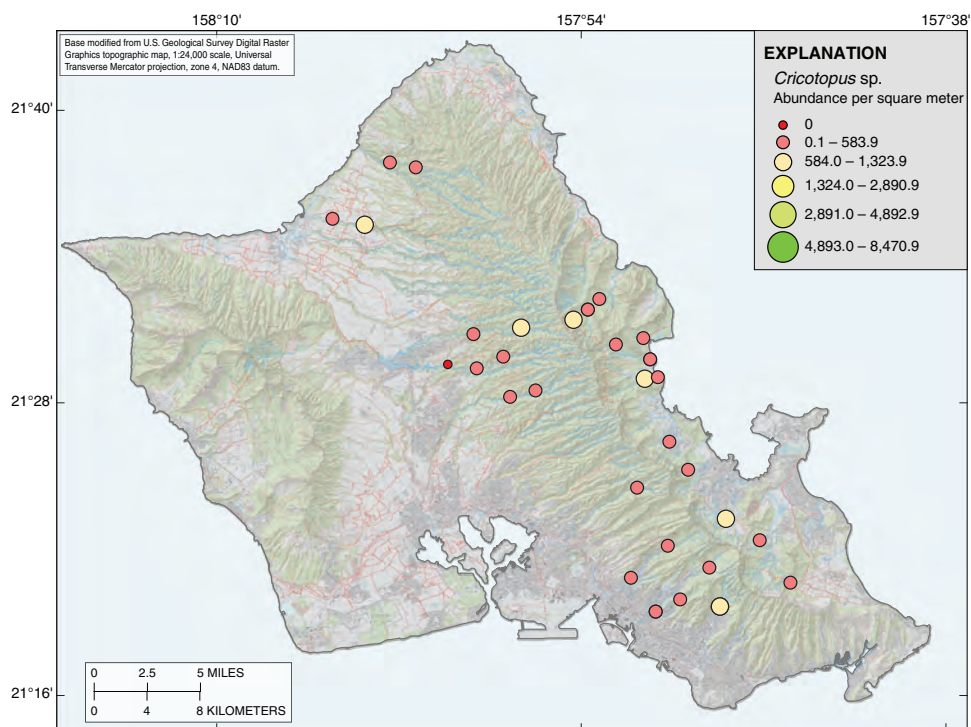


Figure C6. O'ahu Wadeable Stream Assessment (WSA) abundance of *Cricotopus* in quantitative samples.

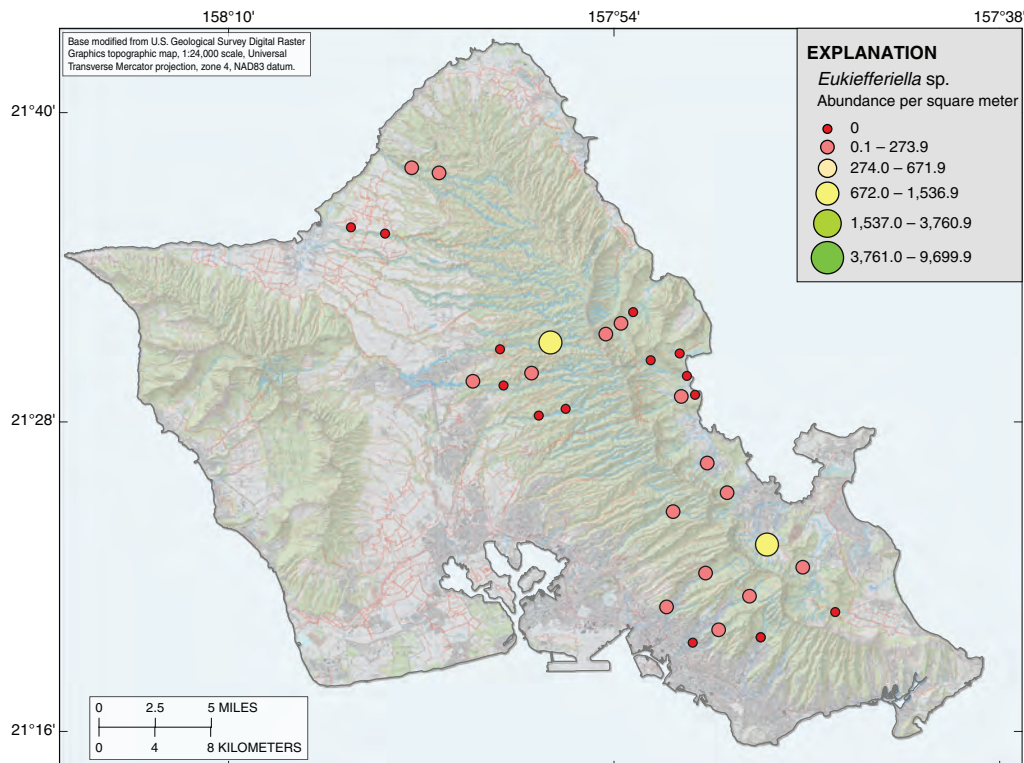


Figure C7. O'ahu Wadeable Stream Assessment (WSA) abundance of *Eukiefferiella* in quantitative samples.

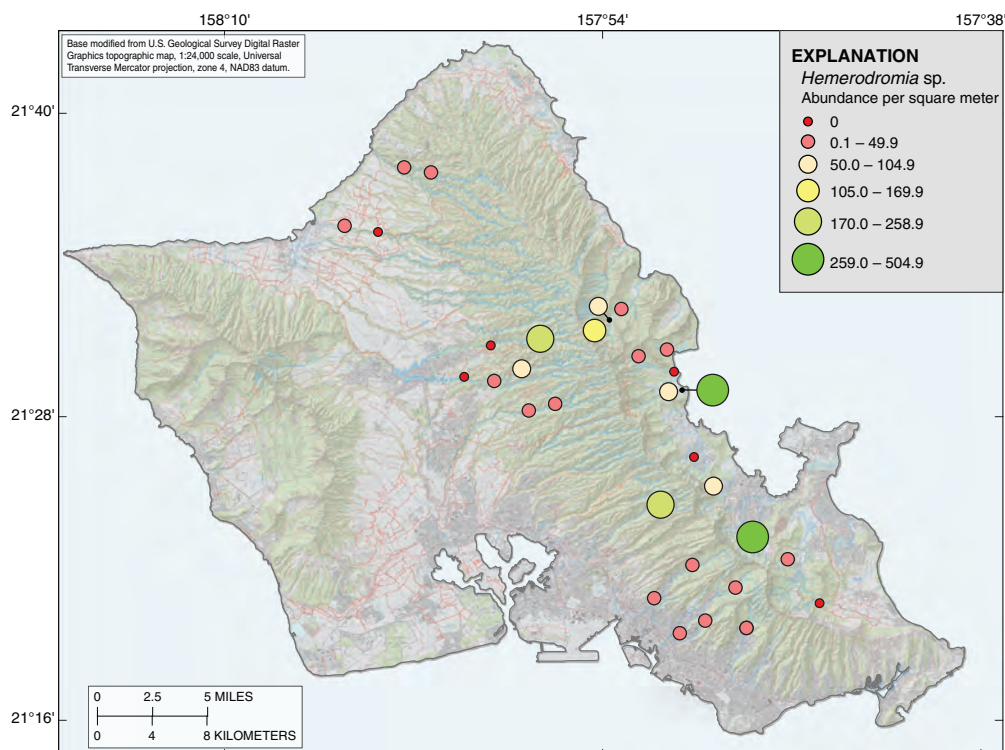


Figure C8. O'ahu Wadeable Stream Assessment (WSA) abundance of *Hemerodromia* in quantitative samples.

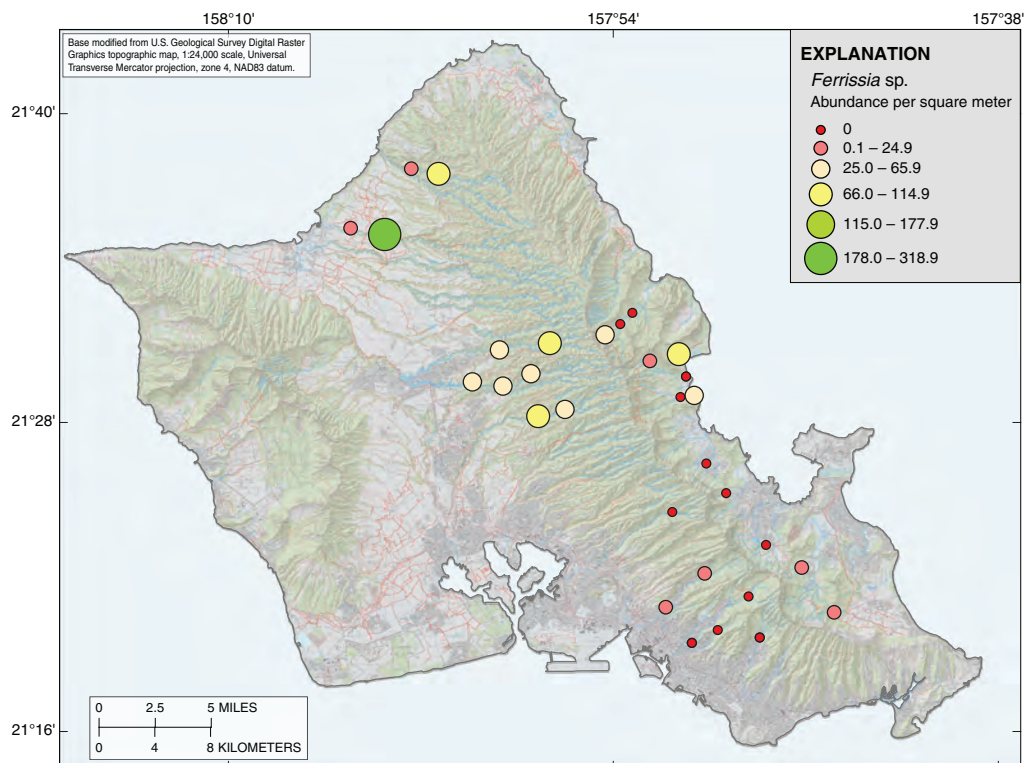


Figure C9. O'ahu Wadeable Stream Assessment (WSA) abundance of *Ferrissia* in quantitative samples.

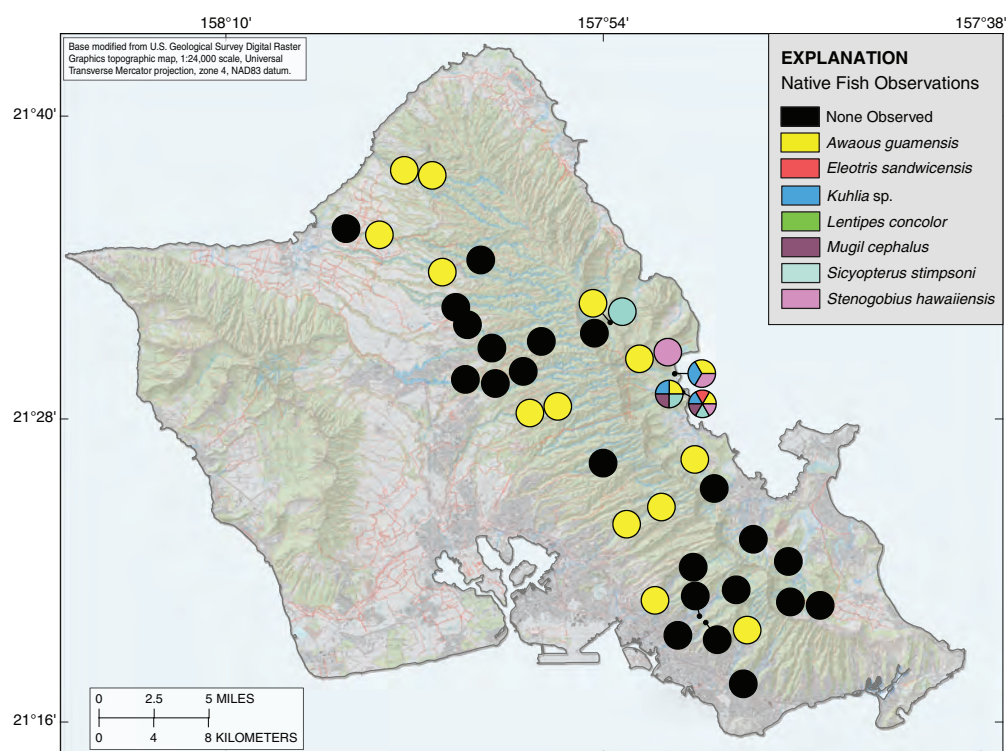


Figure C10. O'ahu Wadeable Stream Assessment (WSA) native fish observations.

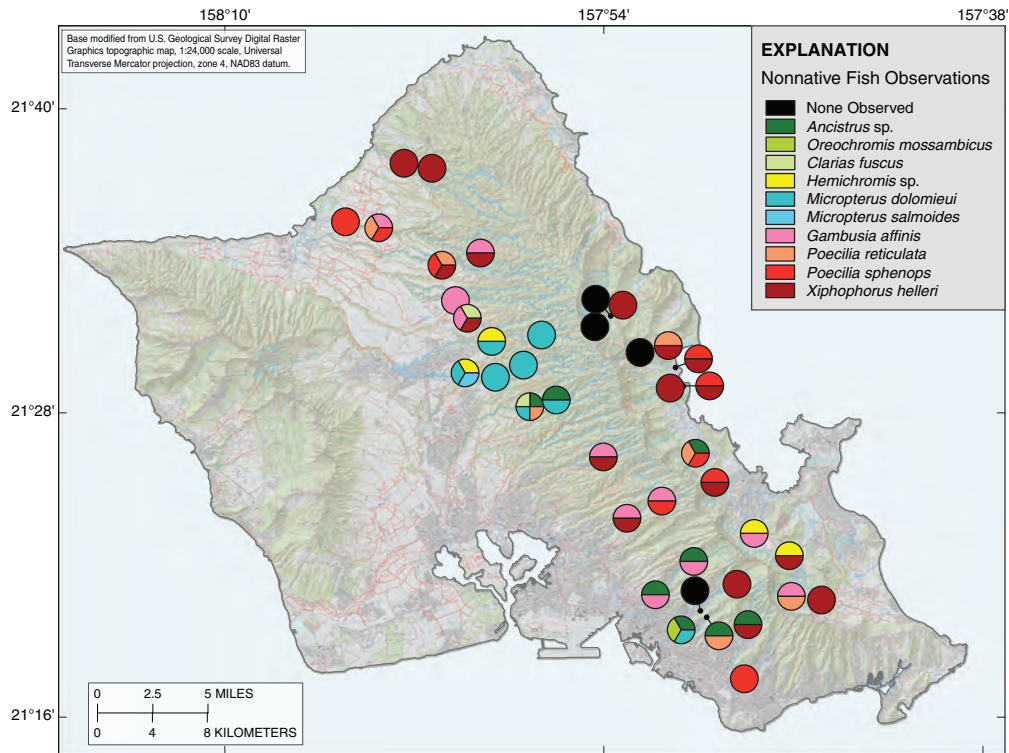


Figure C11. O‘ahu Wadeable Stream Assessment (WSA) observations of nonnative fish.

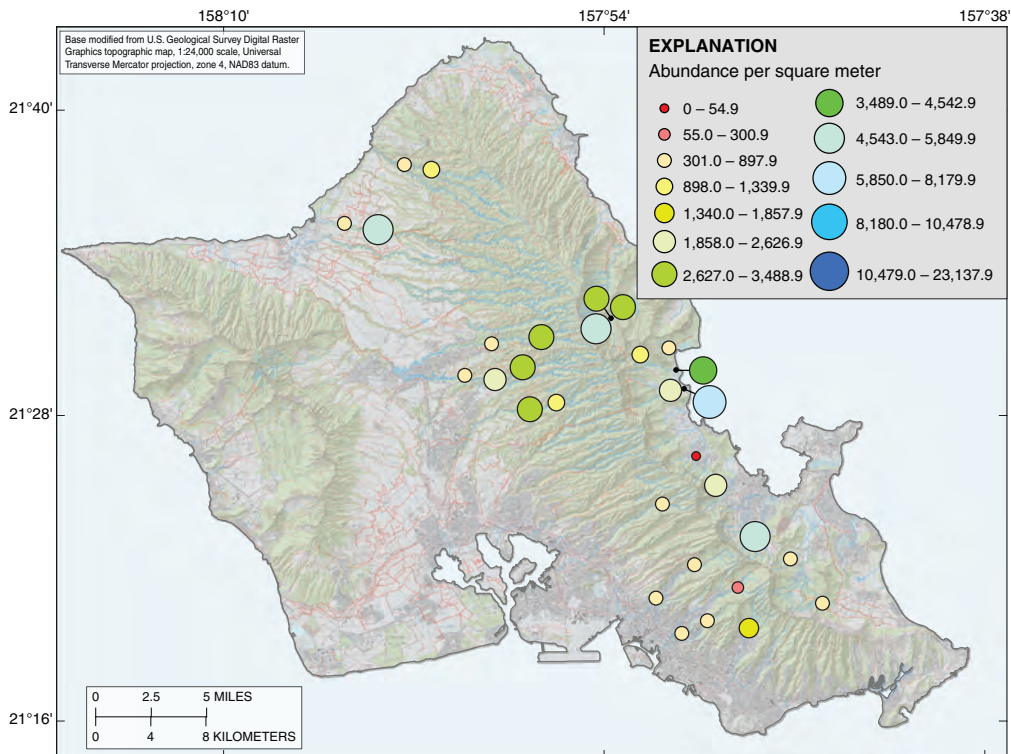


Figure C12. O‘ahu Wadeable Stream Assessment (WSA) total quantitative macroinvertebrate abundances.

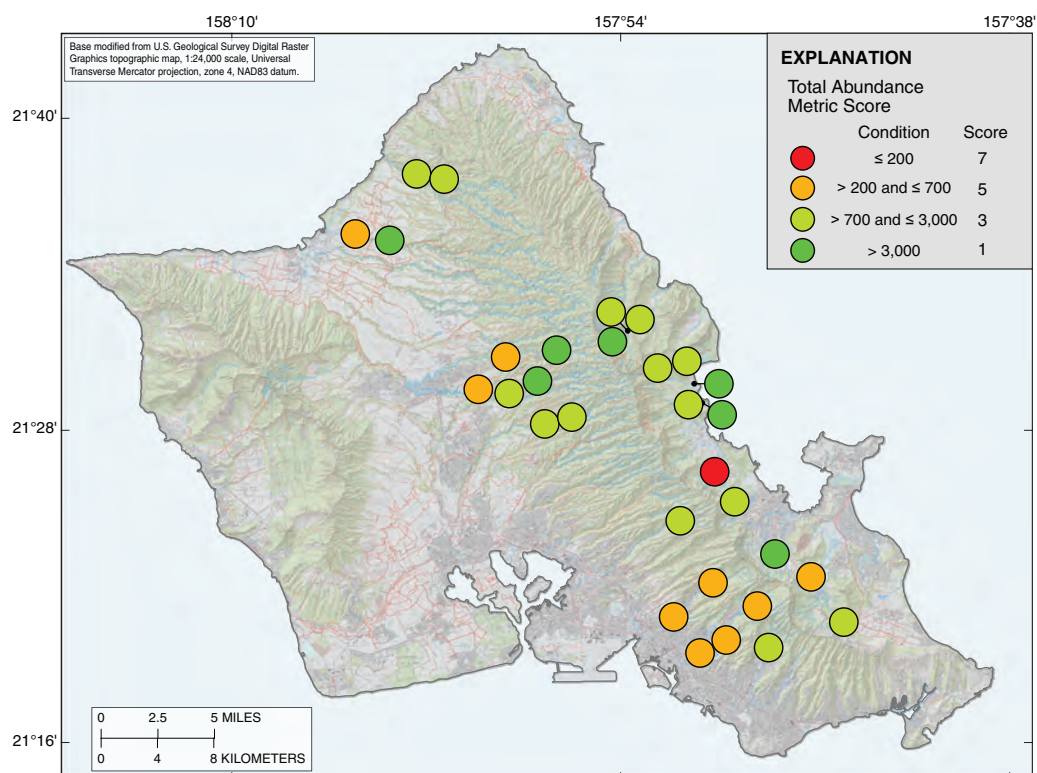


Figure C13. O'ahu Wadeable Stream Assessment (WSA) Preliminary–Hawaiian Benthic Index of Biotic Integrity (P–HBIBI) abundance metric scores.

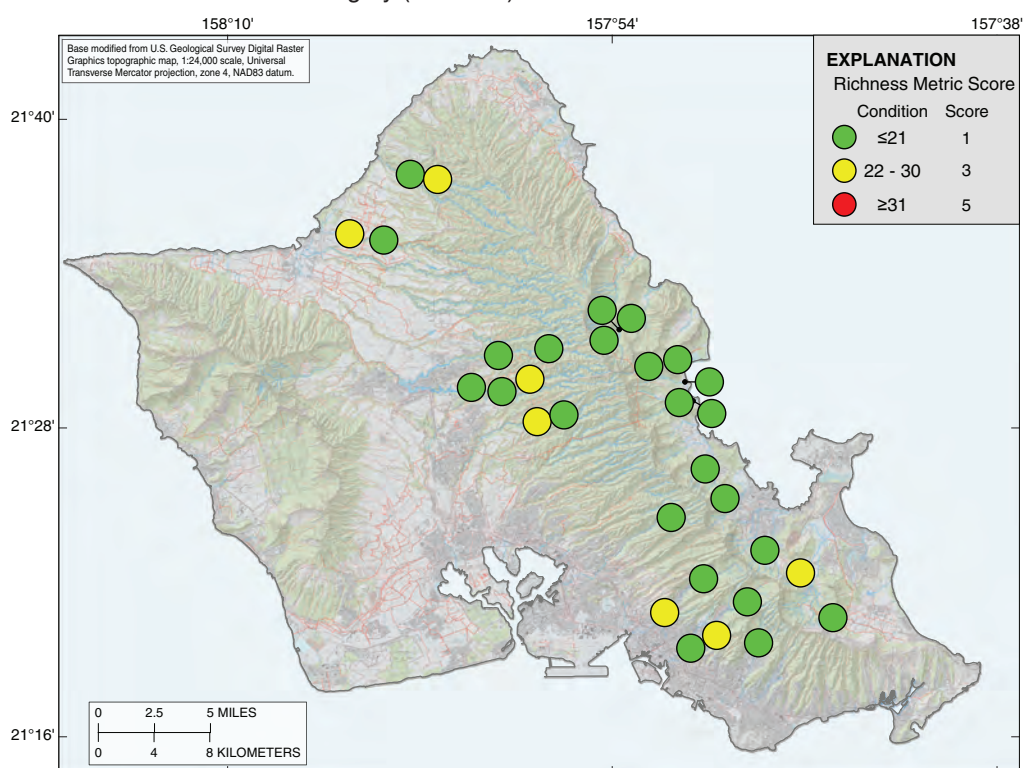


Figure C14. O'ahu Wadeable Stream Assessment (WSA) Preliminary–Hawaiian Benthic Index of Biotic Integrity (P–HBIBI) richness metric scores.

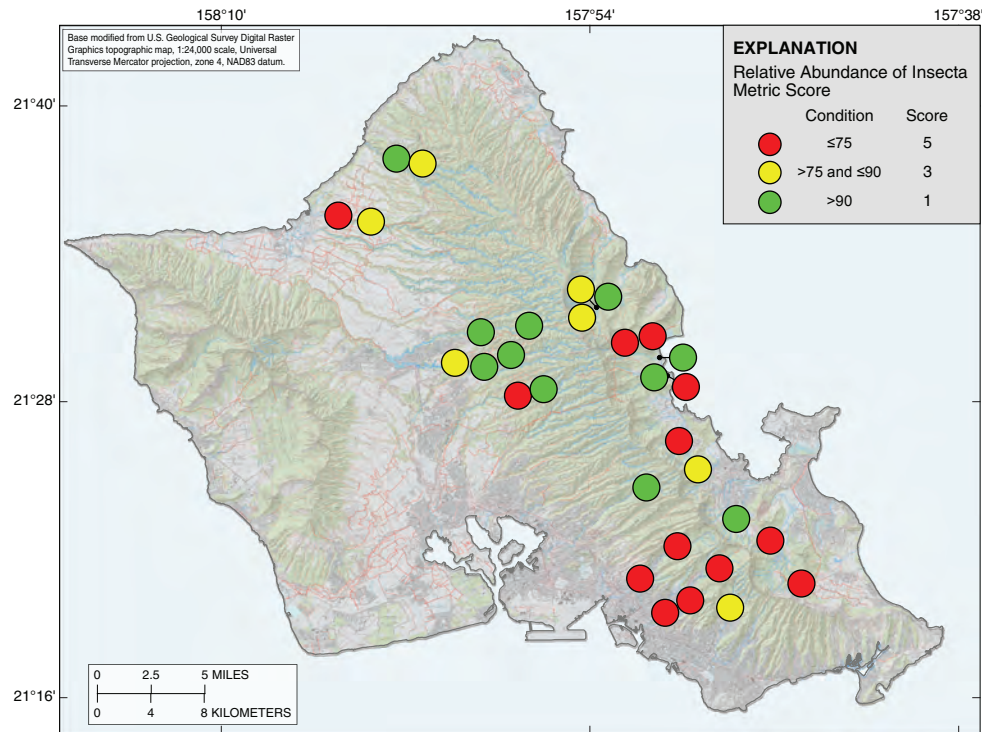


Figure C15. O‘ahu Wadeable Stream Assessment (WSA) Preliminary–Hawaiian Benthic Index of Biotic Integrity (P–HBIBI) percentage of Insecta metric scores.

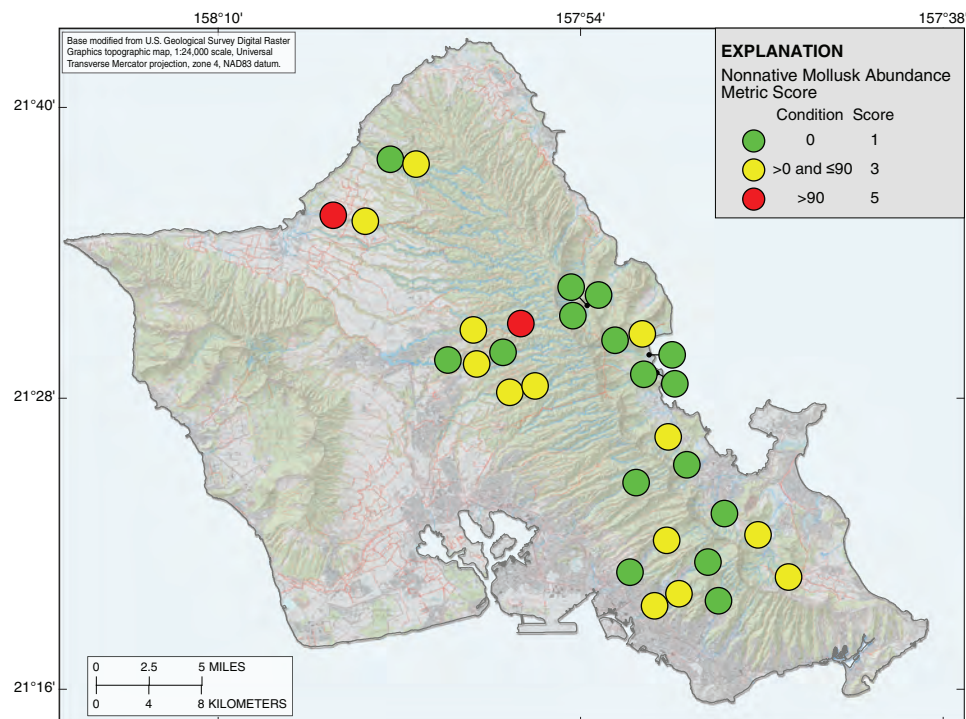


Figure C16. O‘ahu Wadeable Stream Assessment (WSA) Preliminary–Hawaiian Benthic Index of Biotic Integrity (P–HBIBI) nonnative/cryptogenic Mollusca metric scores.

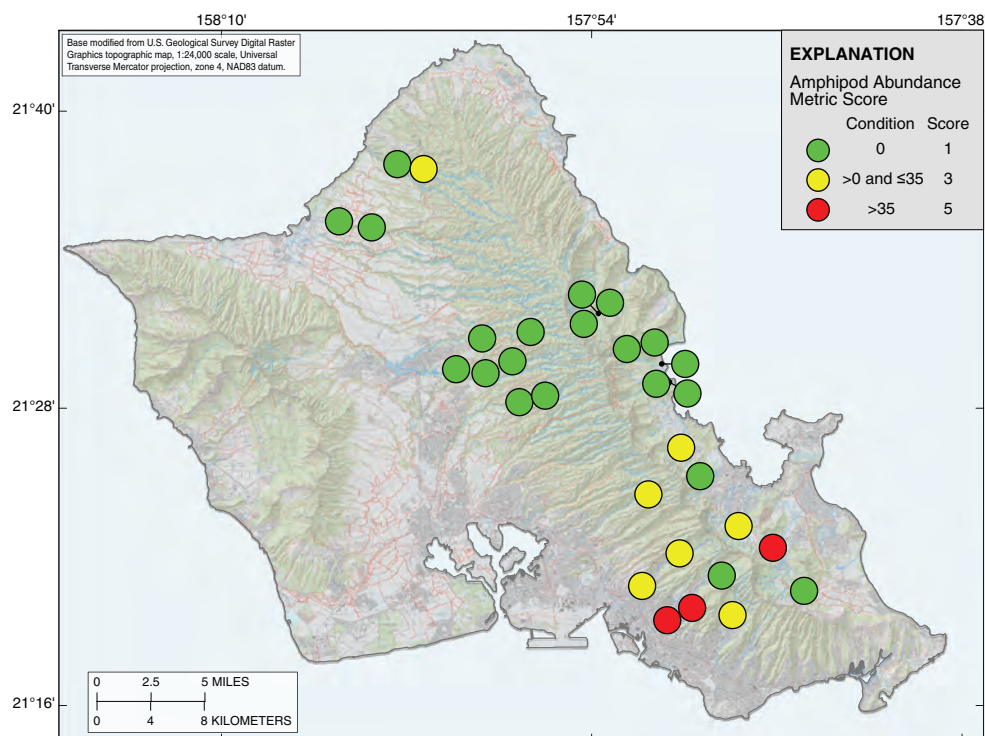


Figure C17. O'ahu Wadeable Stream Assessment (WSA) Preliminary–Hawaiian Benthic Index of Biotic Integrity (P–HBIBI) Amphipoda metric scores.

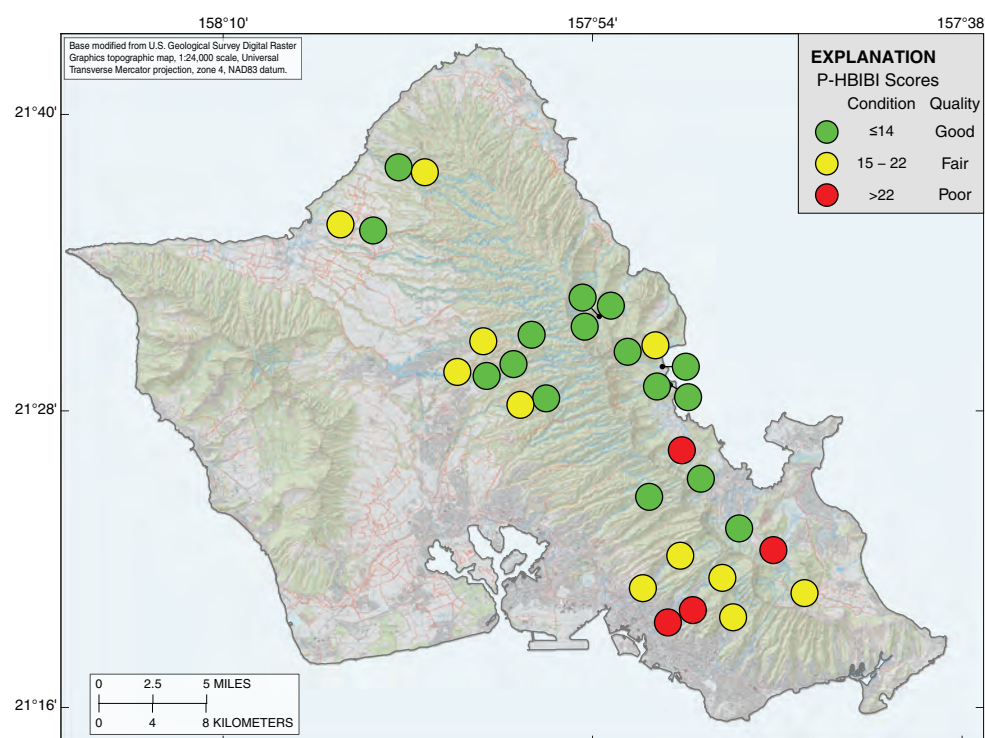


Figure C18. O'ahu Wadeable Stream Assessment (WSA) Preliminary–Hawaiian Benthic Index of Biotic Integrity (P–HBIBI) final scores.

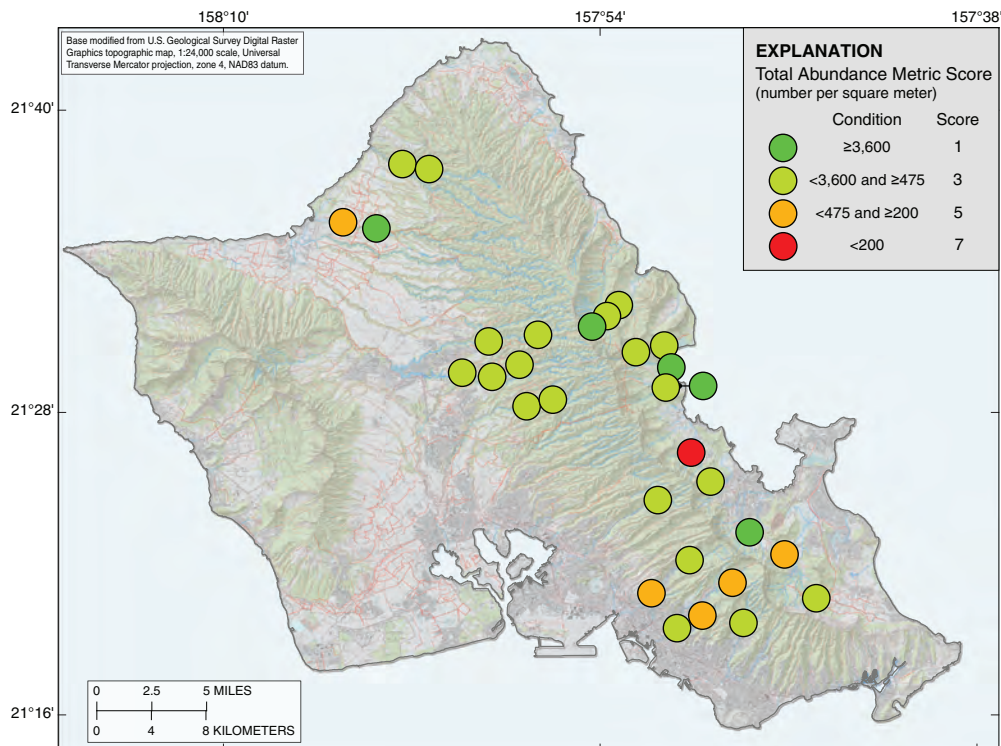


Figure C19. O'ahu Wadeable Stream Assessment (WSA) Invertebrate Community Index (ICI) revised Total Abundance metric scores.

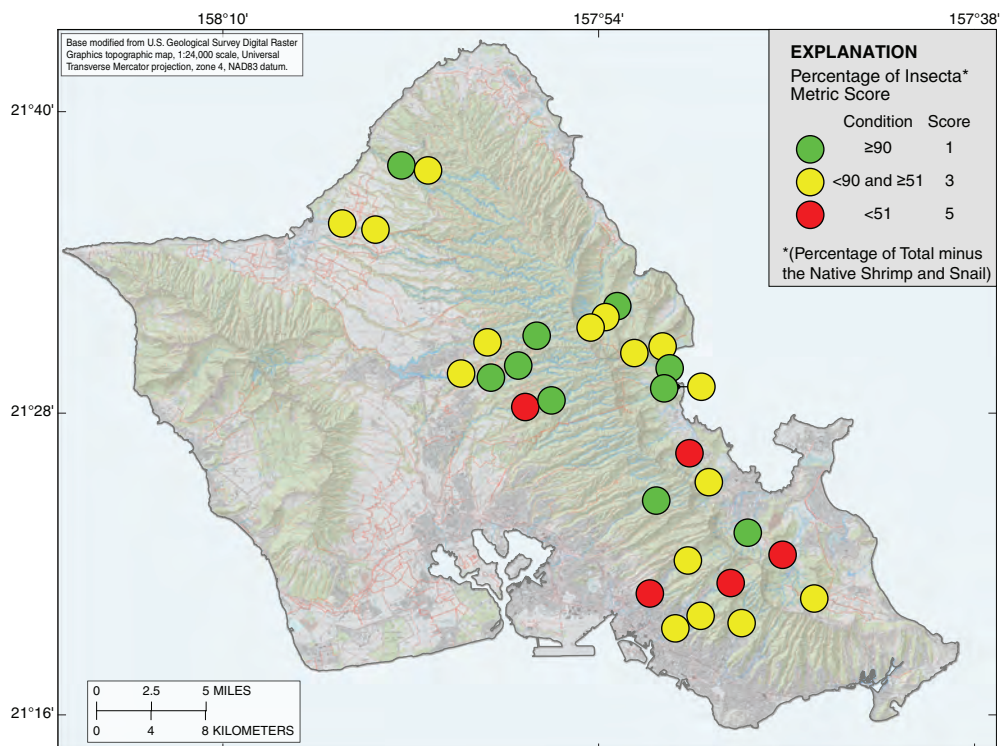


Figure C20. O'ahu Wadeable Stream Assessment (WSA) Invertebrate Community Index (ICI) revised Percentage of Insecta metric scores.

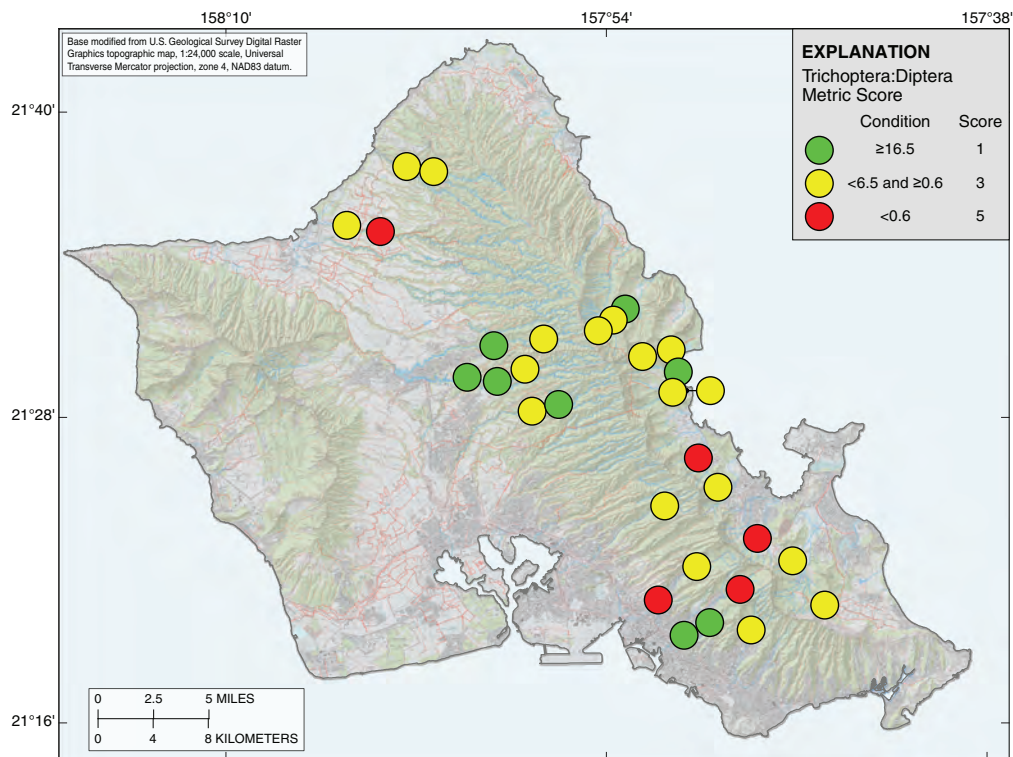


Figure C21. O'ahu Wadeable Stream Assessment (WSA) Invertebrate Community Index (ICI) Trichoptera:Diptera ratio metric scores.

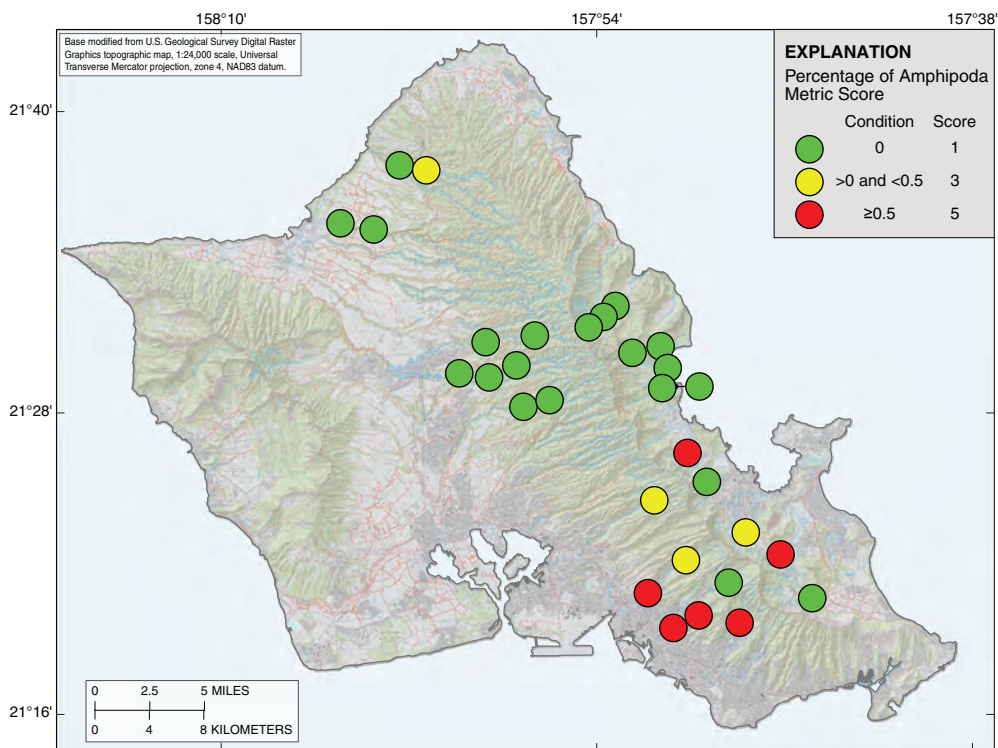


Figure C22. O'ahu Wadeable Stream Assessment (WSA) Invertebrate Community Index (ICI) revised Percentage of Amphipoda metric scores.

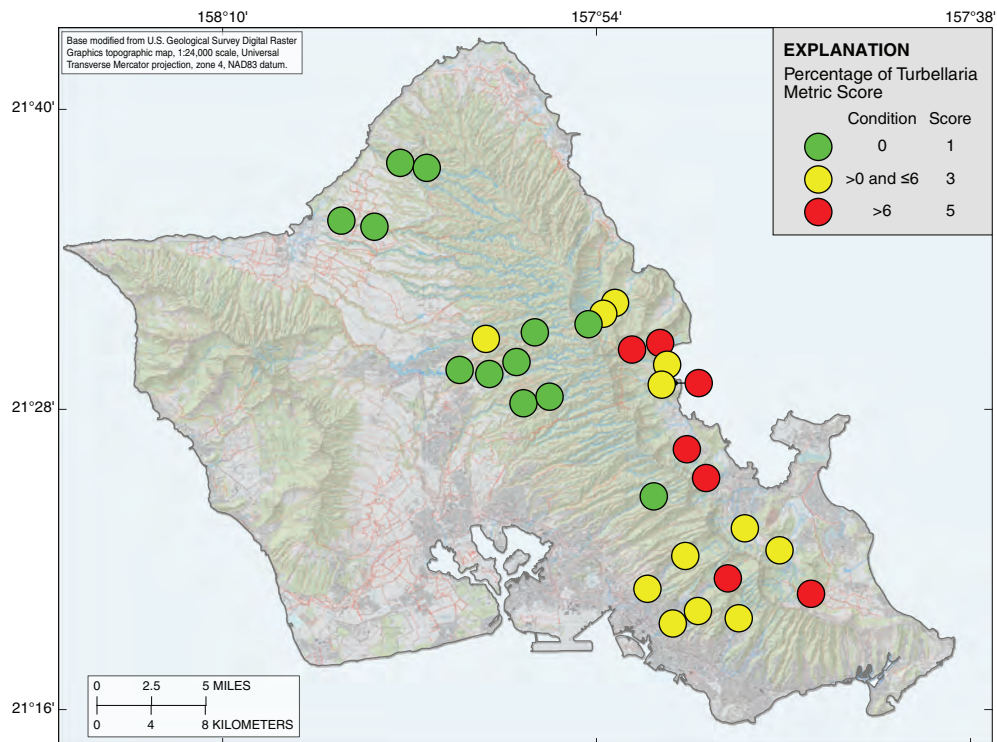


Figure C23. O‘ahu Wadeable Stream Assessment (WSA) Invertebrate Community Index (ICI) Percentage of Turbellaria metric scores.

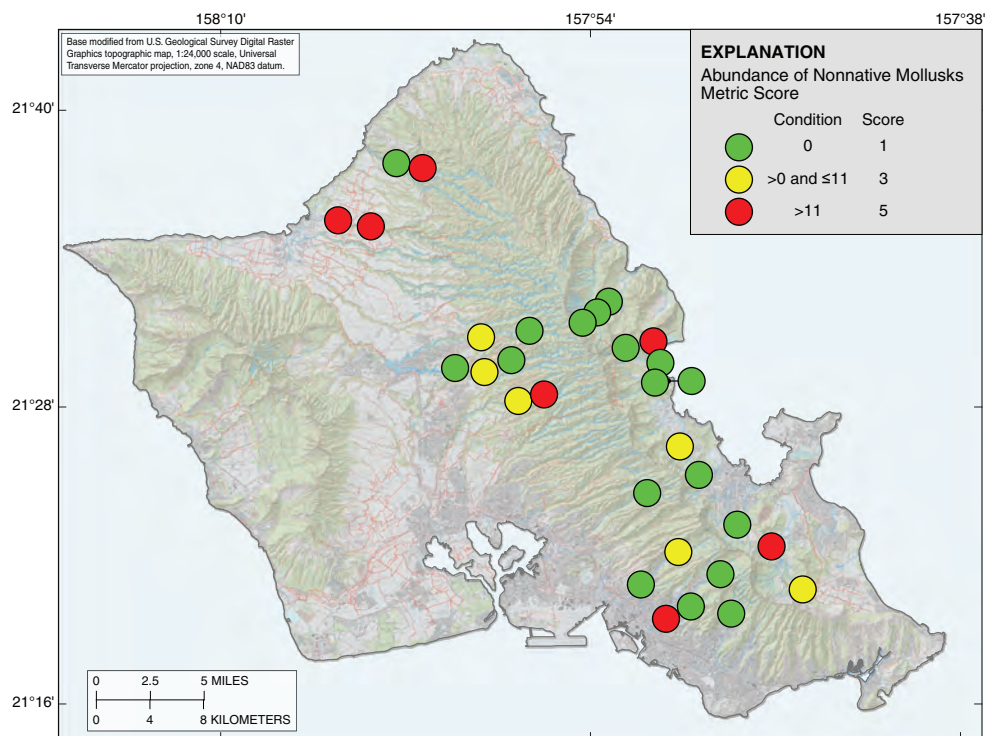


Figure C24. O‘ahu Wadeable Stream Assessment (WSA) Invertebrate Community Index (ICI) revised Nonnative Mollusca Abundance metric scores.

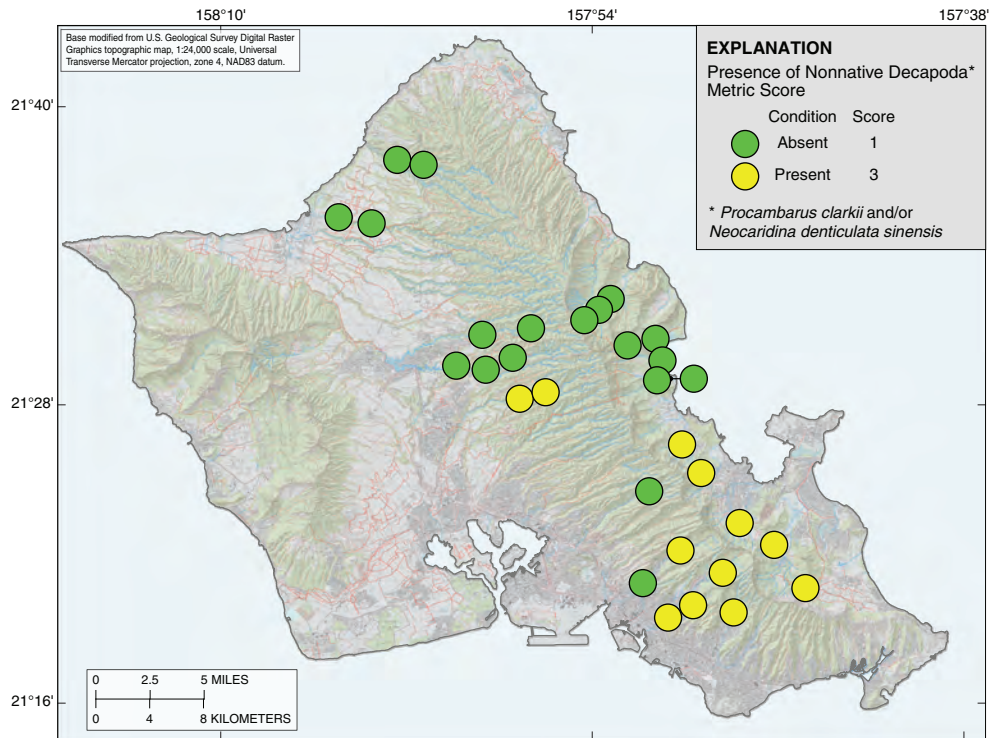


Figure C25. O'ahu Wadeable Stream Assessment (WSA) Invertebrate Community Index (ICI) revised Nonnative Decapoda Presence/Absence metric scores.

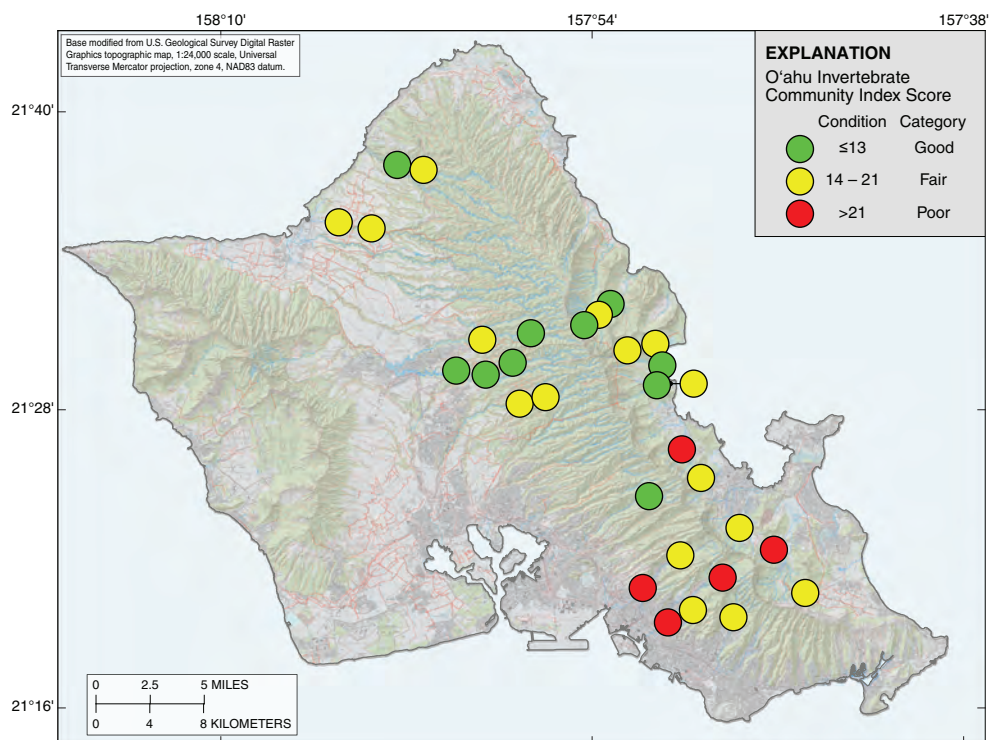


Figure C26. O'ahu Wadeable Stream Assessment (WSA) final Invertebrate Community Index (ICI) scores.

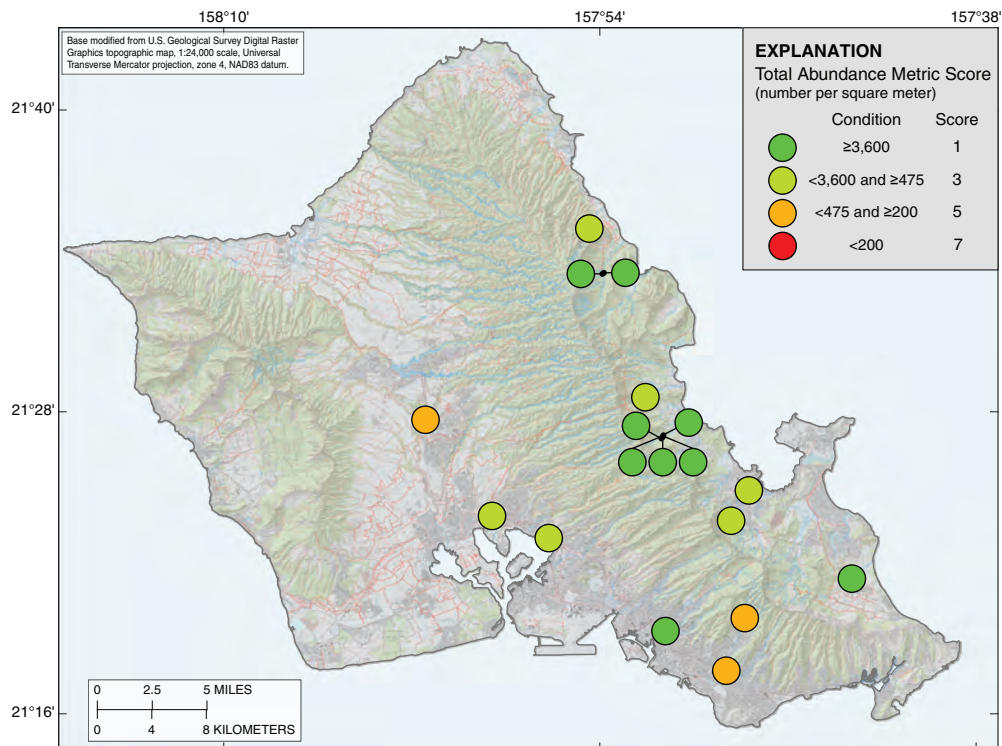


Figure C27. O‘ahu National Water-Quality Assessment (NAWQA) Invertebrate Community Index (ICI) revised Total Abundance metric scores.

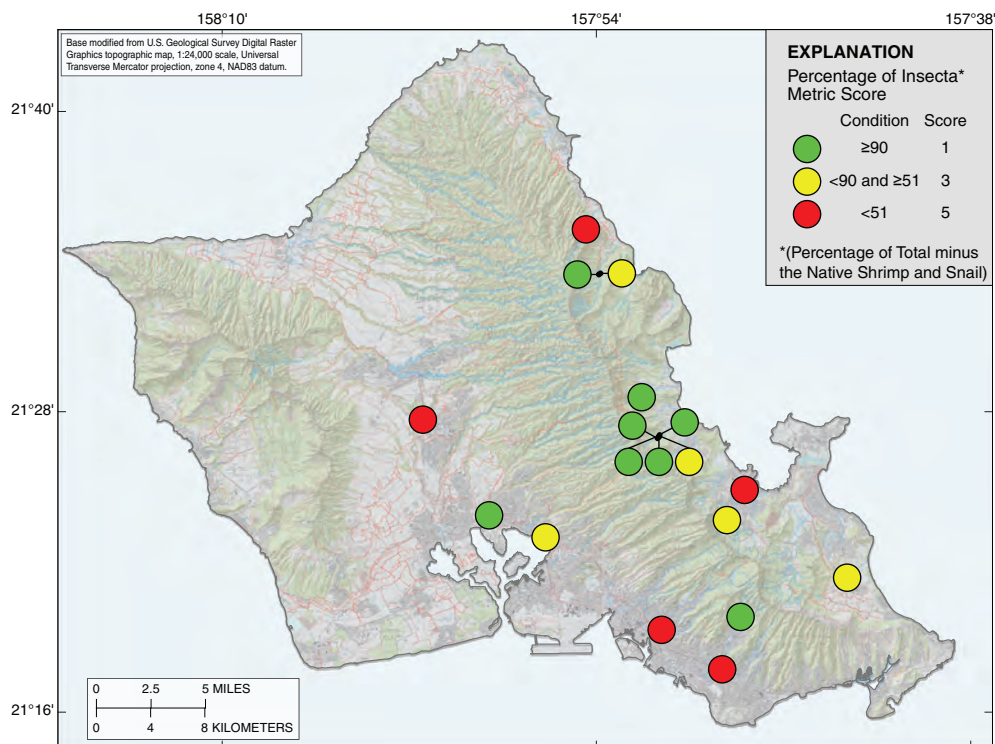


Figure C28. O‘ahu National Water-Quality Assessment (NAWQA) Invertebrate Community Index (ICI) revised Percentage of Insecta metric scores.

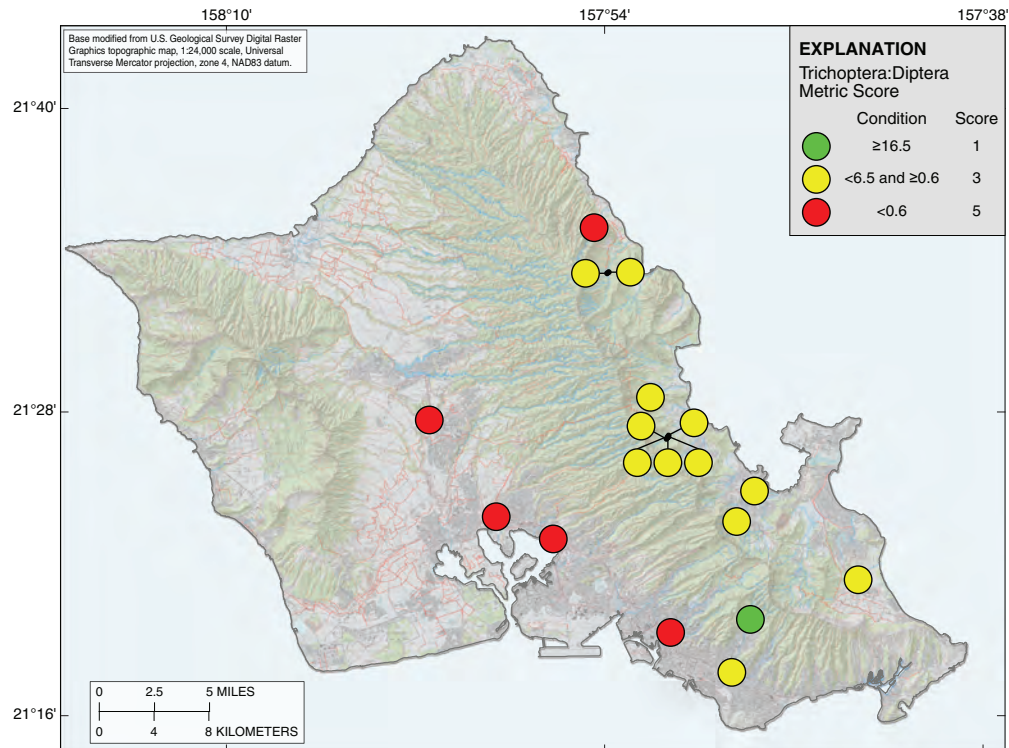


Figure C29. O'ahu National Water-Quality Assessment (NAWQA) Invertebrate Community Index (ICI) Trichoptera:Diptera ratio metric scores.

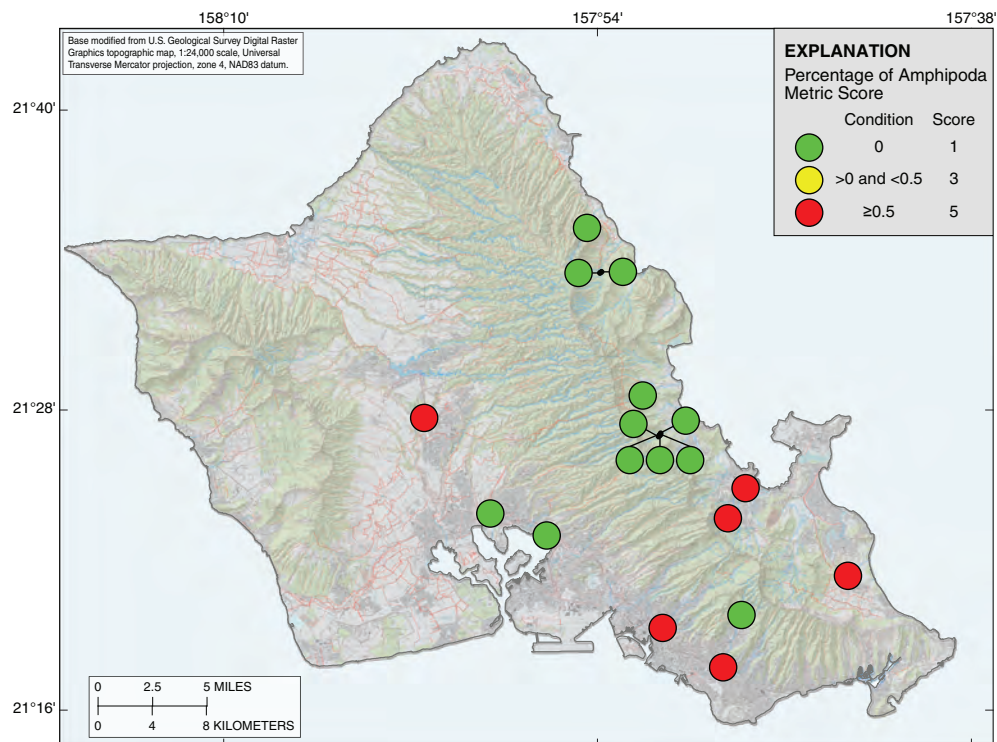


Figure C30. O'ahu National Water-Quality Assessment (NAWQA) Invertebrate Community Index (ICI) revised Percentage of Amphipoda metric scores.

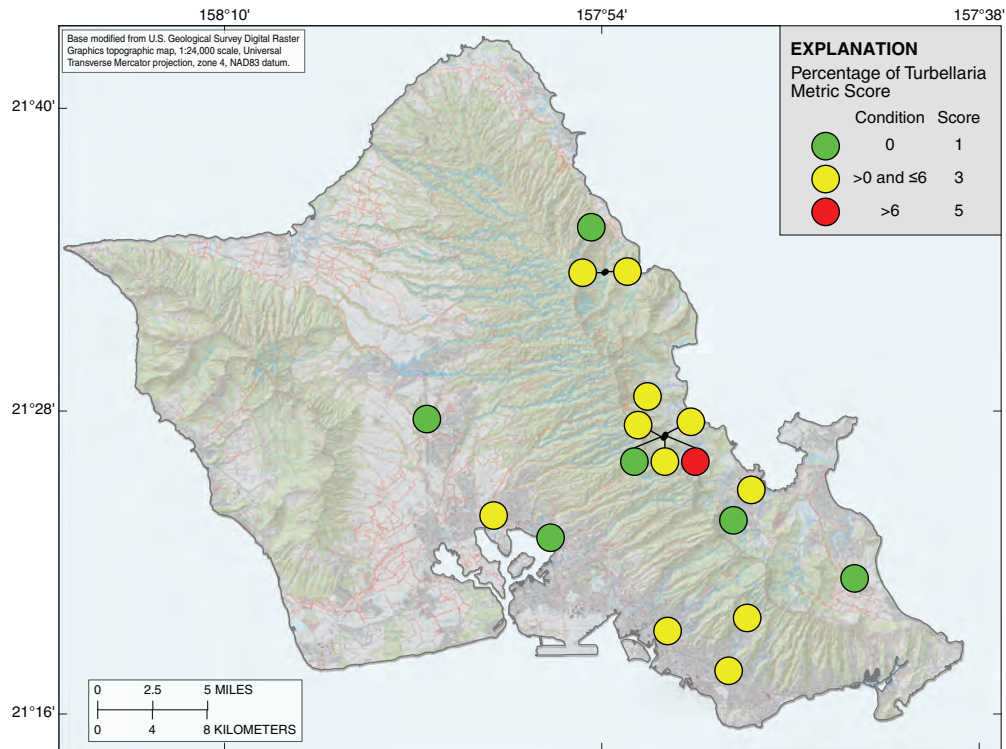


Figure C31. O‘ahu National Water-Quality Assessment (NAWQA) Invertebrate Community Index (ICI) Percentage of Turbellaria metric scores.

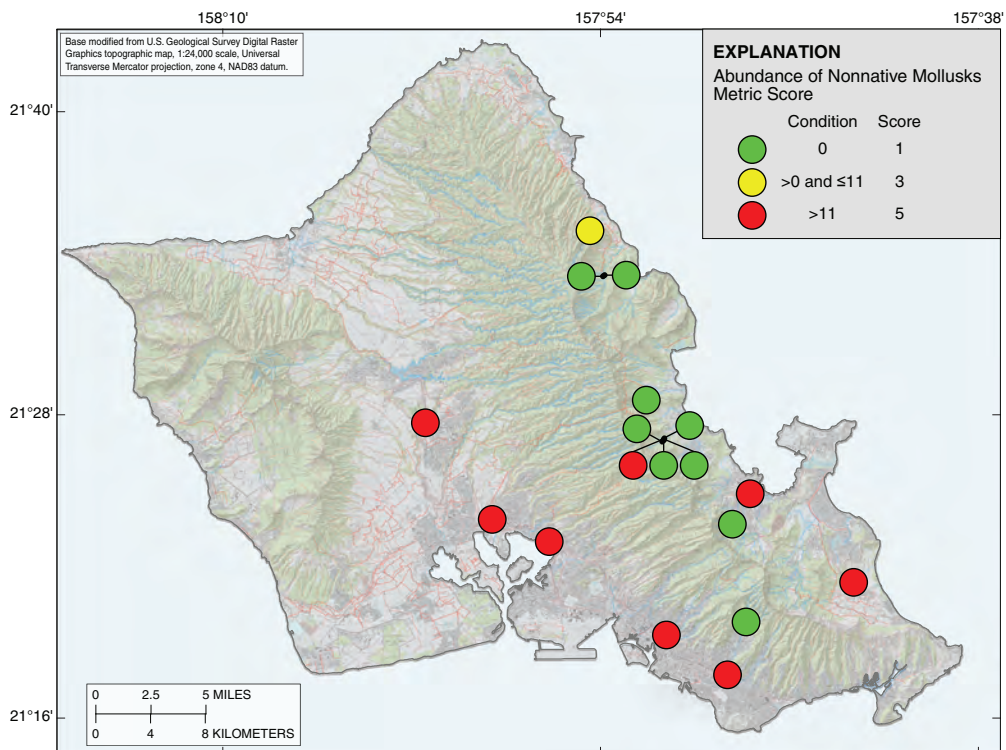


Figure C32. O‘ahu National Water-Quality Assessment (NAWQA) Invertebrate Community Index (ICI) revised Nonnative Mollusca Abundance metric scores.

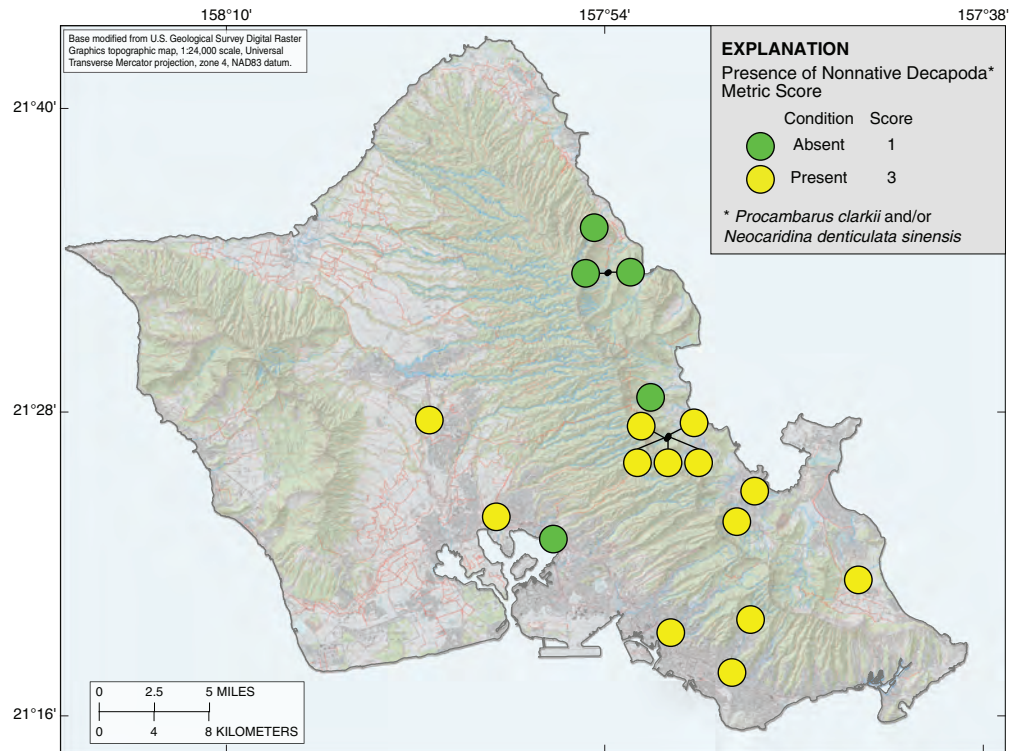


Figure C33. O'ahu National Water-Quality Assessment (NAWQA) Invertebrate Community Index (ICI) revised Nonnative Decapoda metric scores.

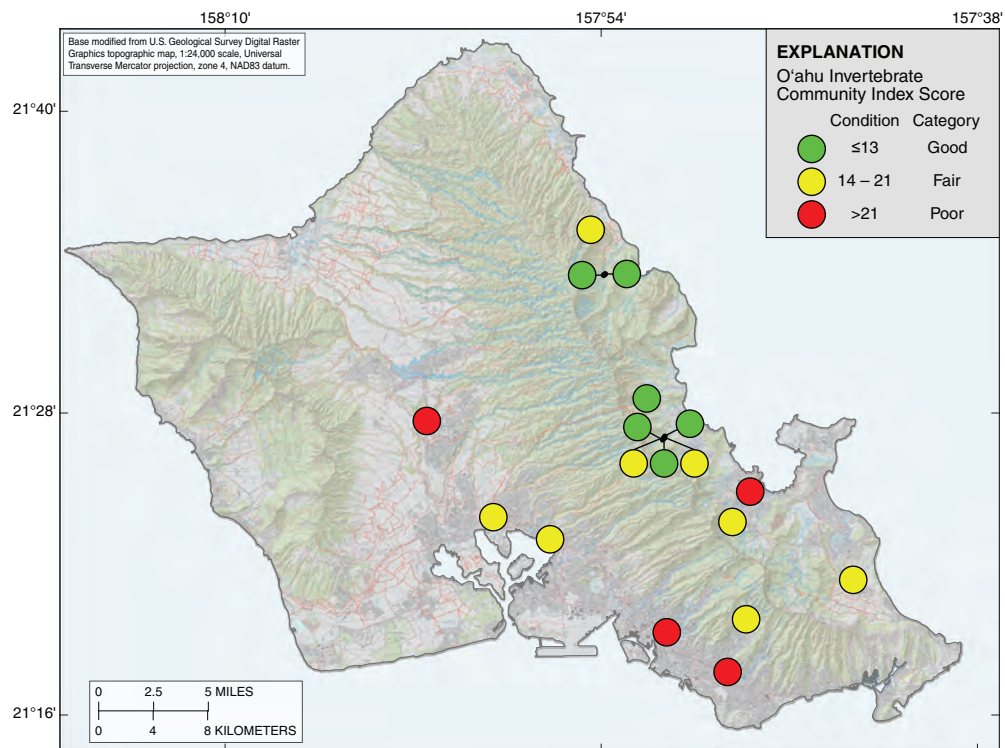


Figure C34. O'ahu National Water-Quality Assessment (NAWQA) final Invertebrate Community Index (ICI) scores.

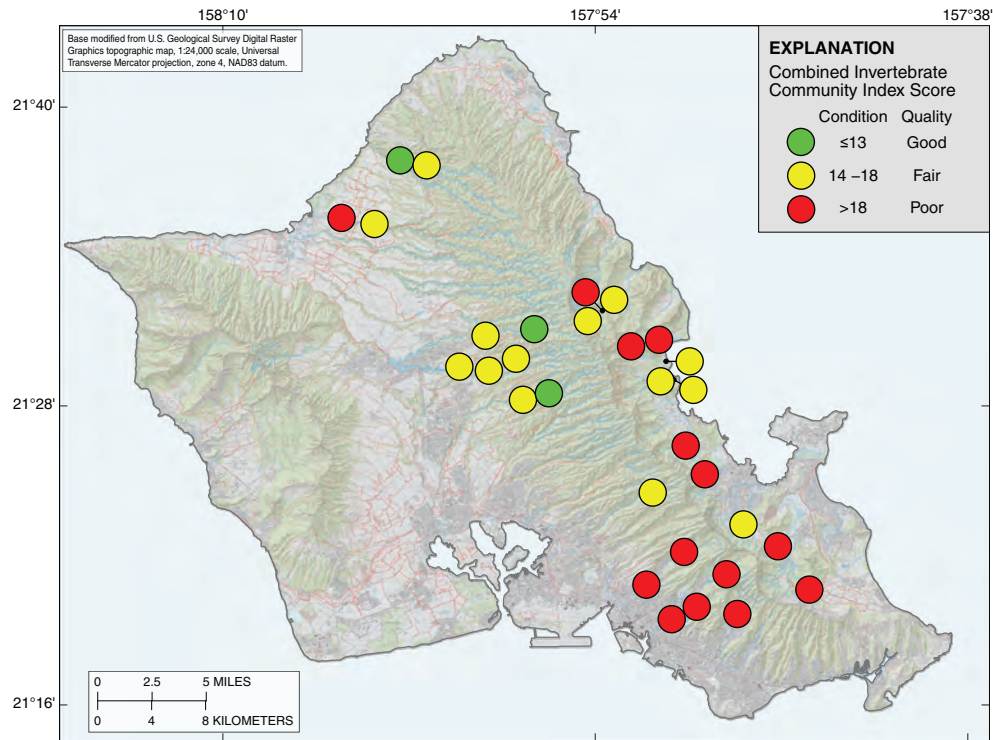


Figure C35. O‘ahu Wadeable Stream Assessment (WSA) combined final Invertebrate Community Index (ICI) scores.

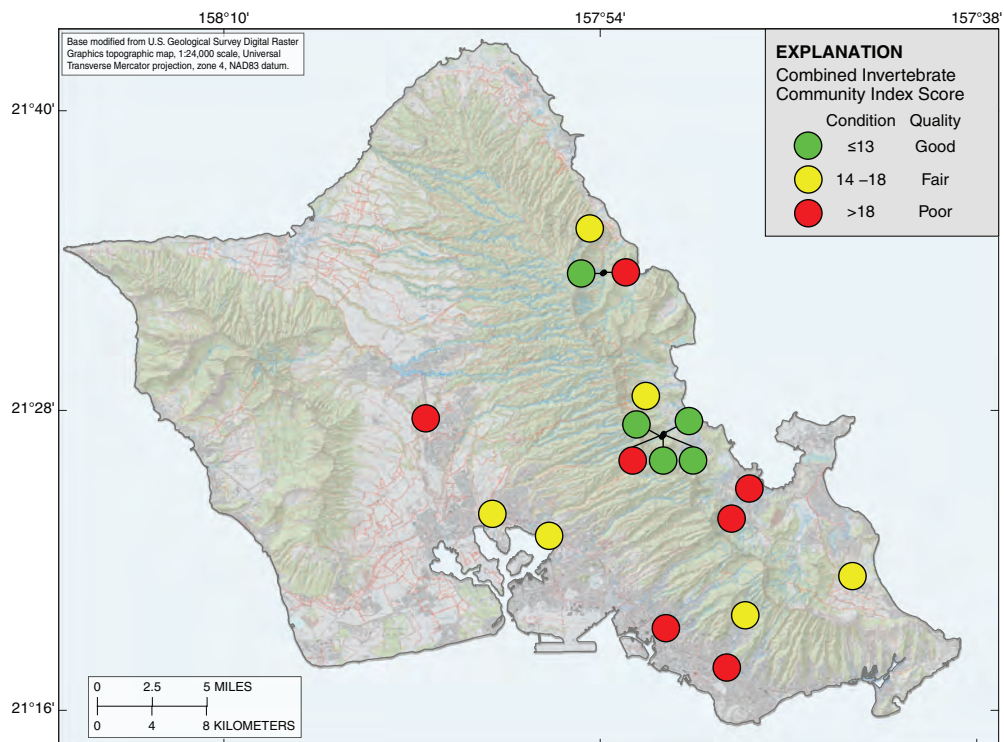


Figure C36. O‘ahu National Water-Quality Assessment (NAWQA) combined final Invertebrate Community Index (ICI) scores.