

APPENDIX C
Habitat Time Series Relationships

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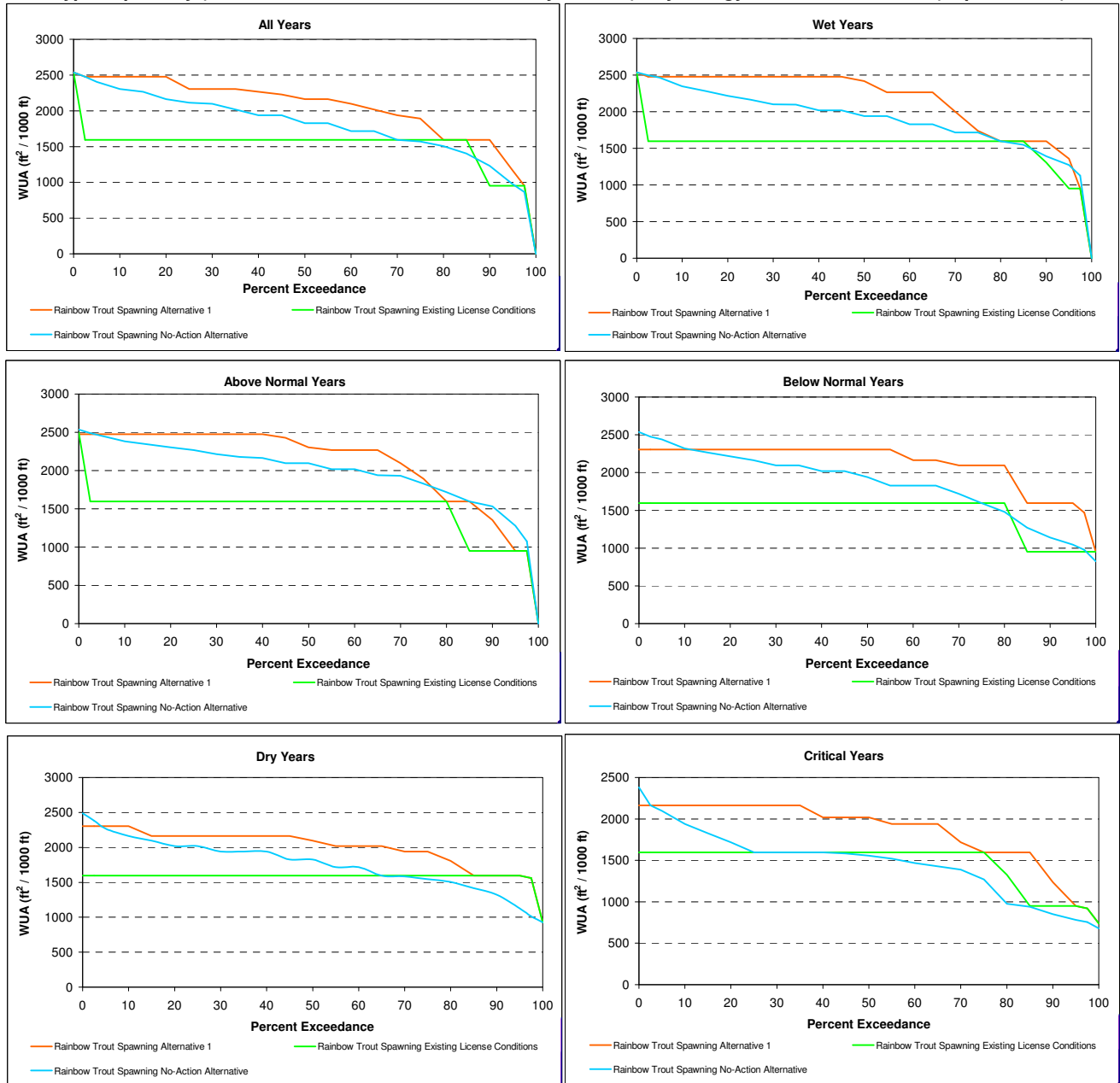


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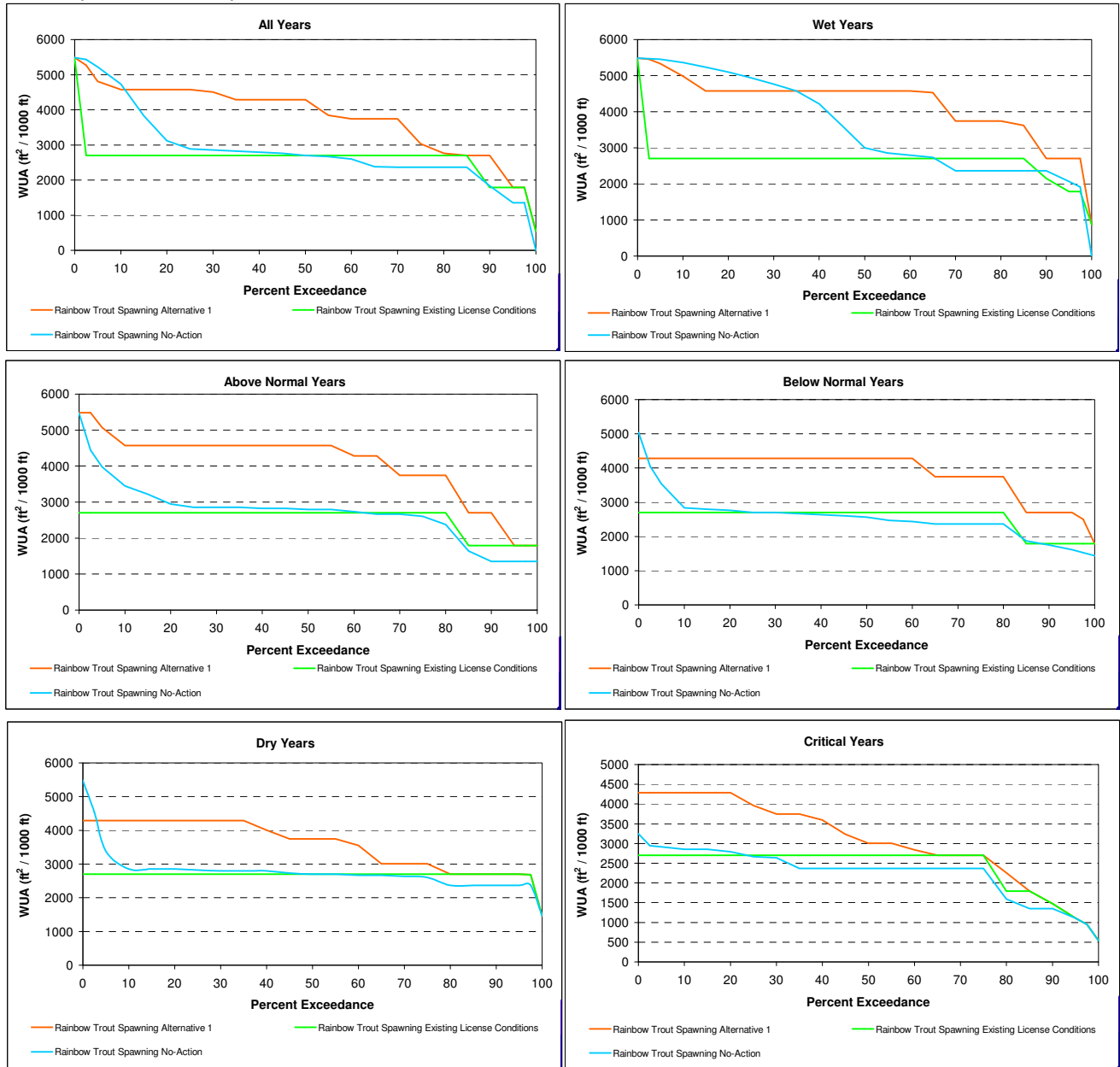


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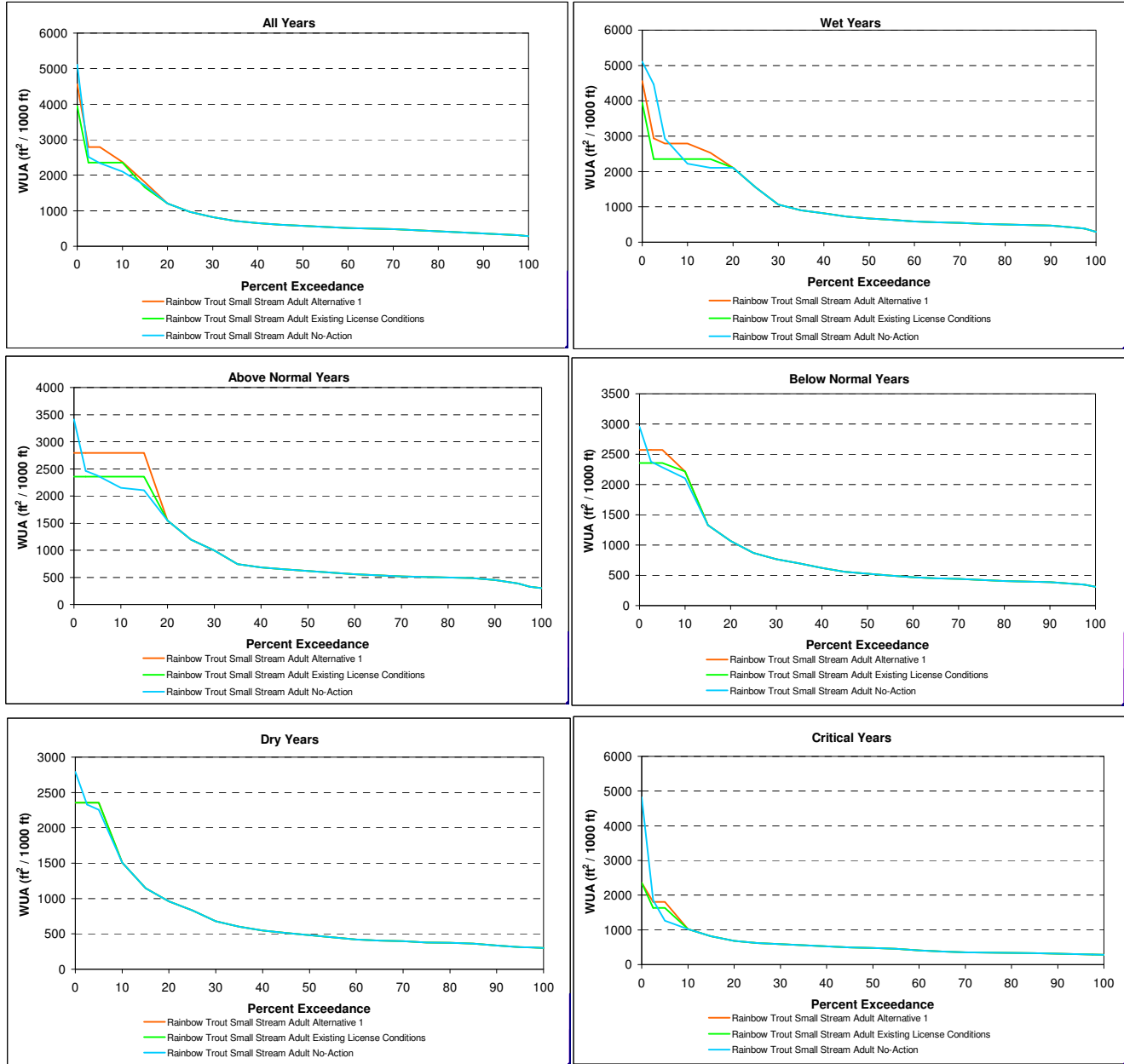


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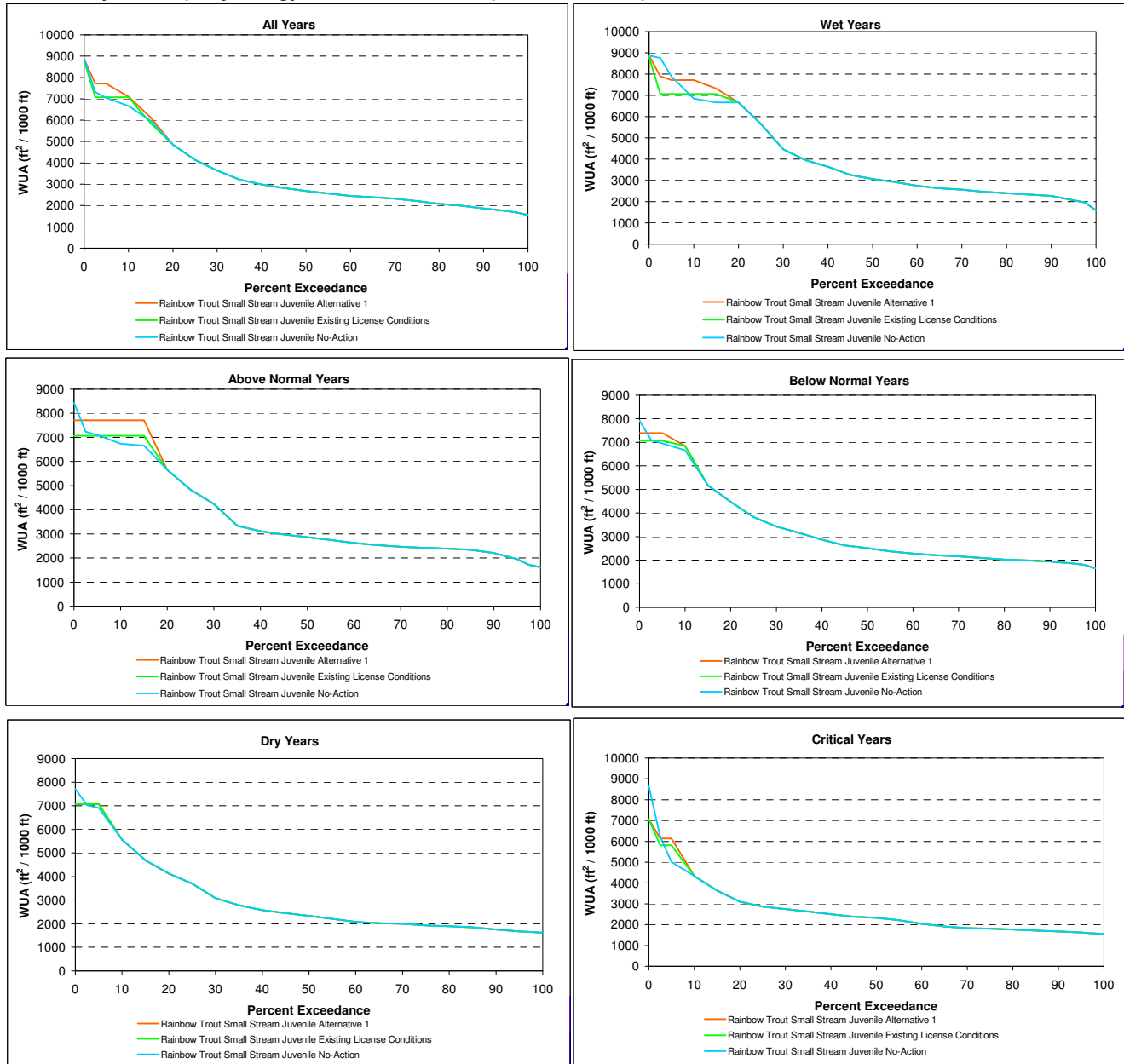


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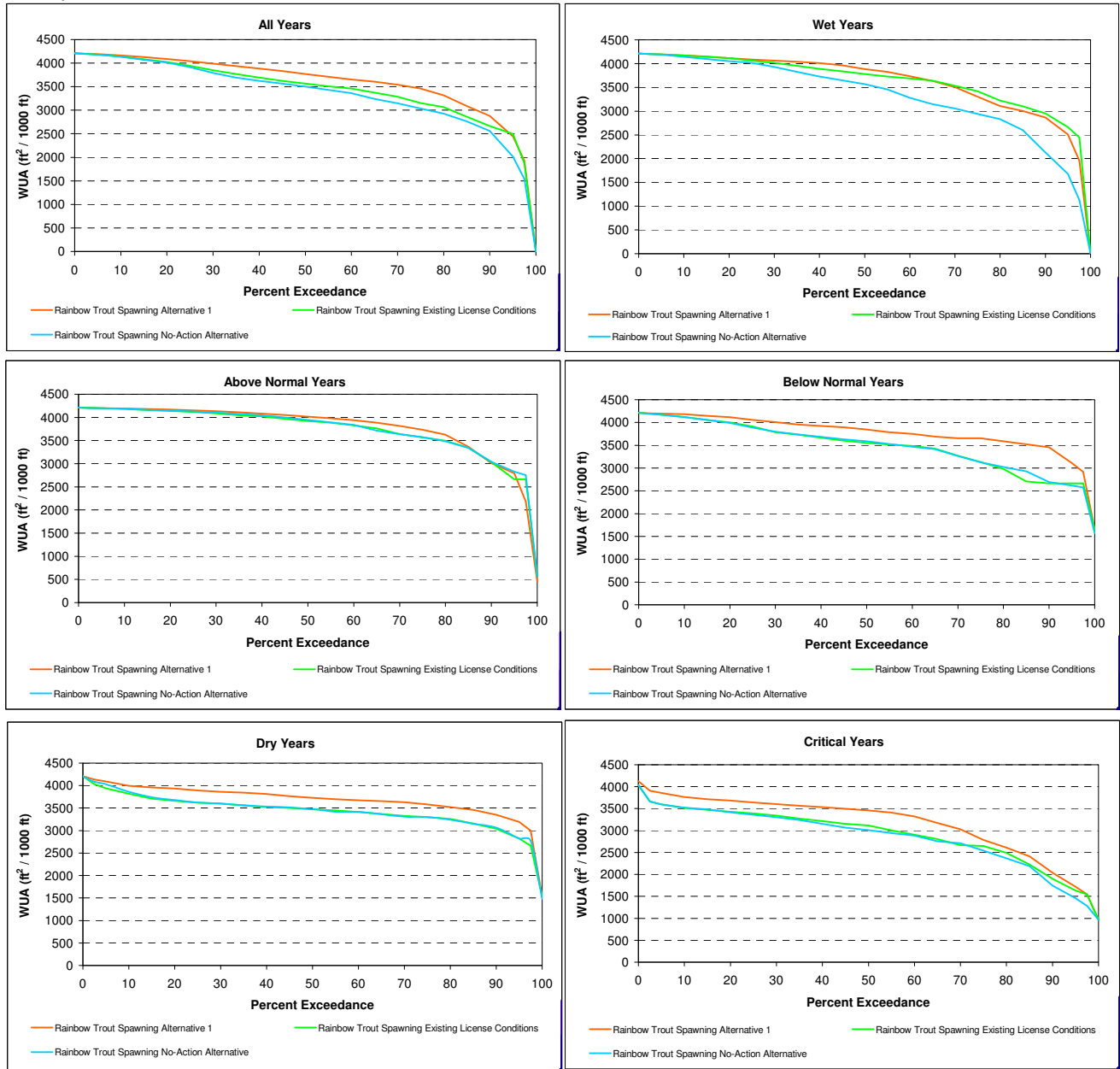


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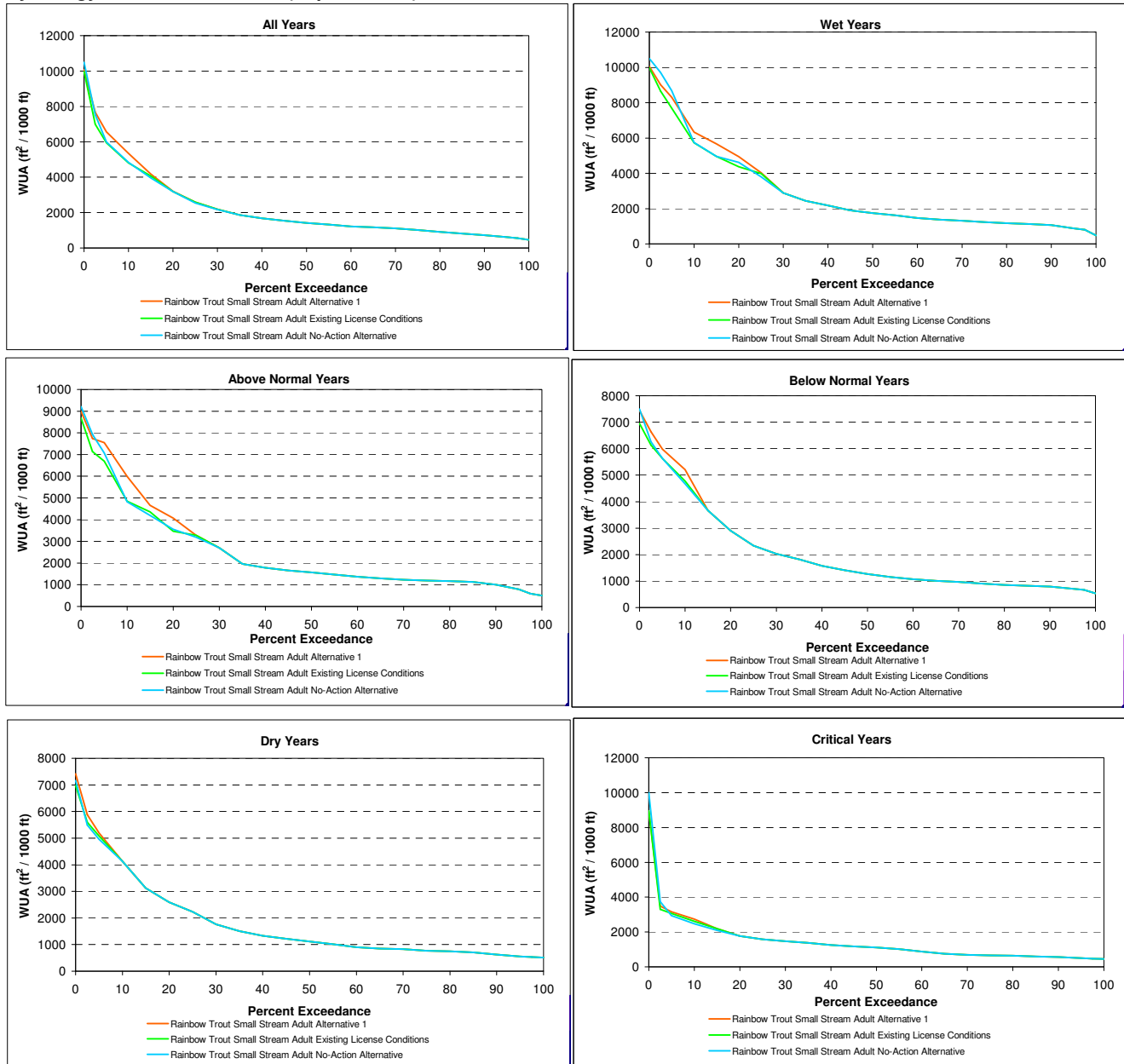


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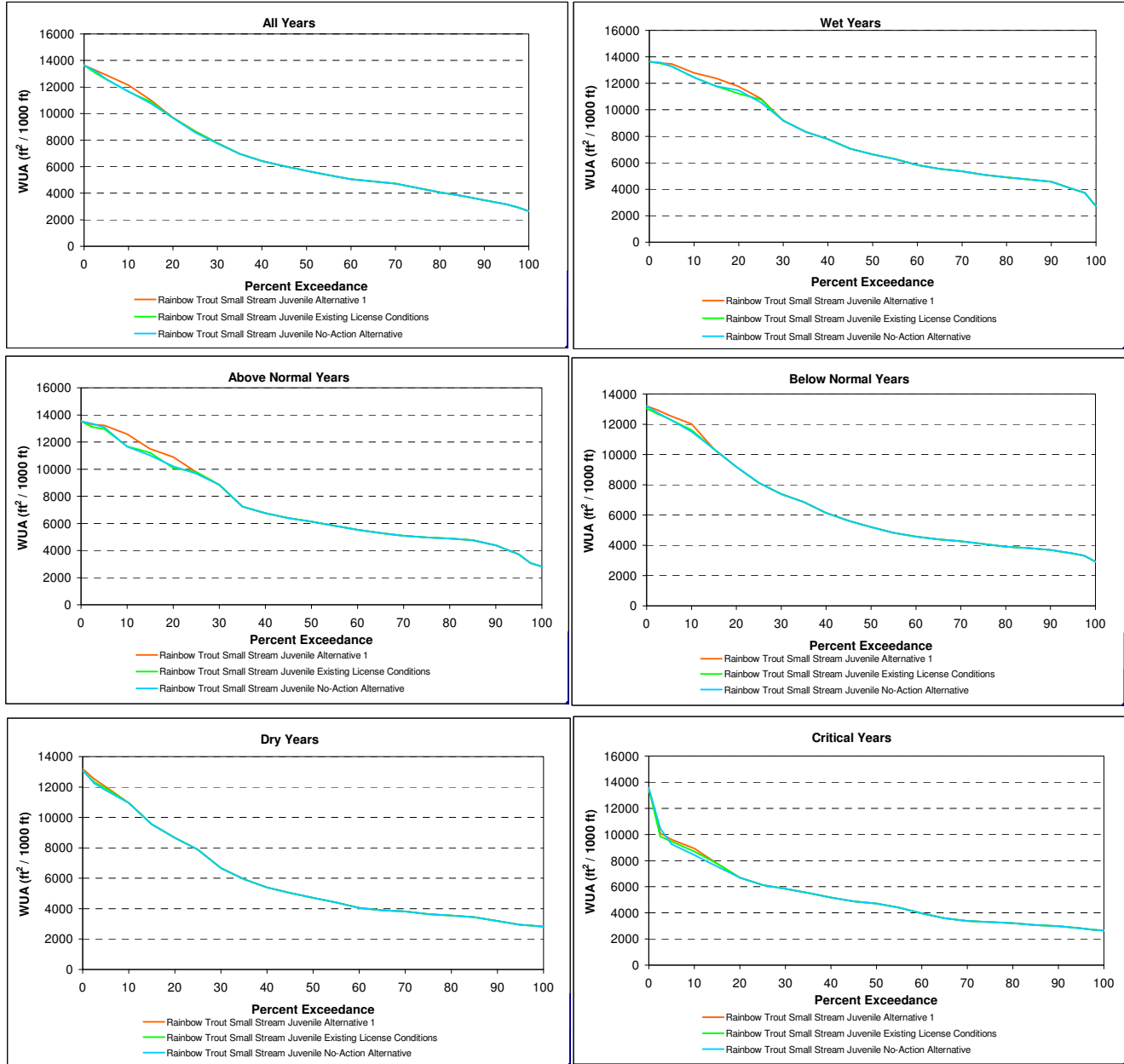


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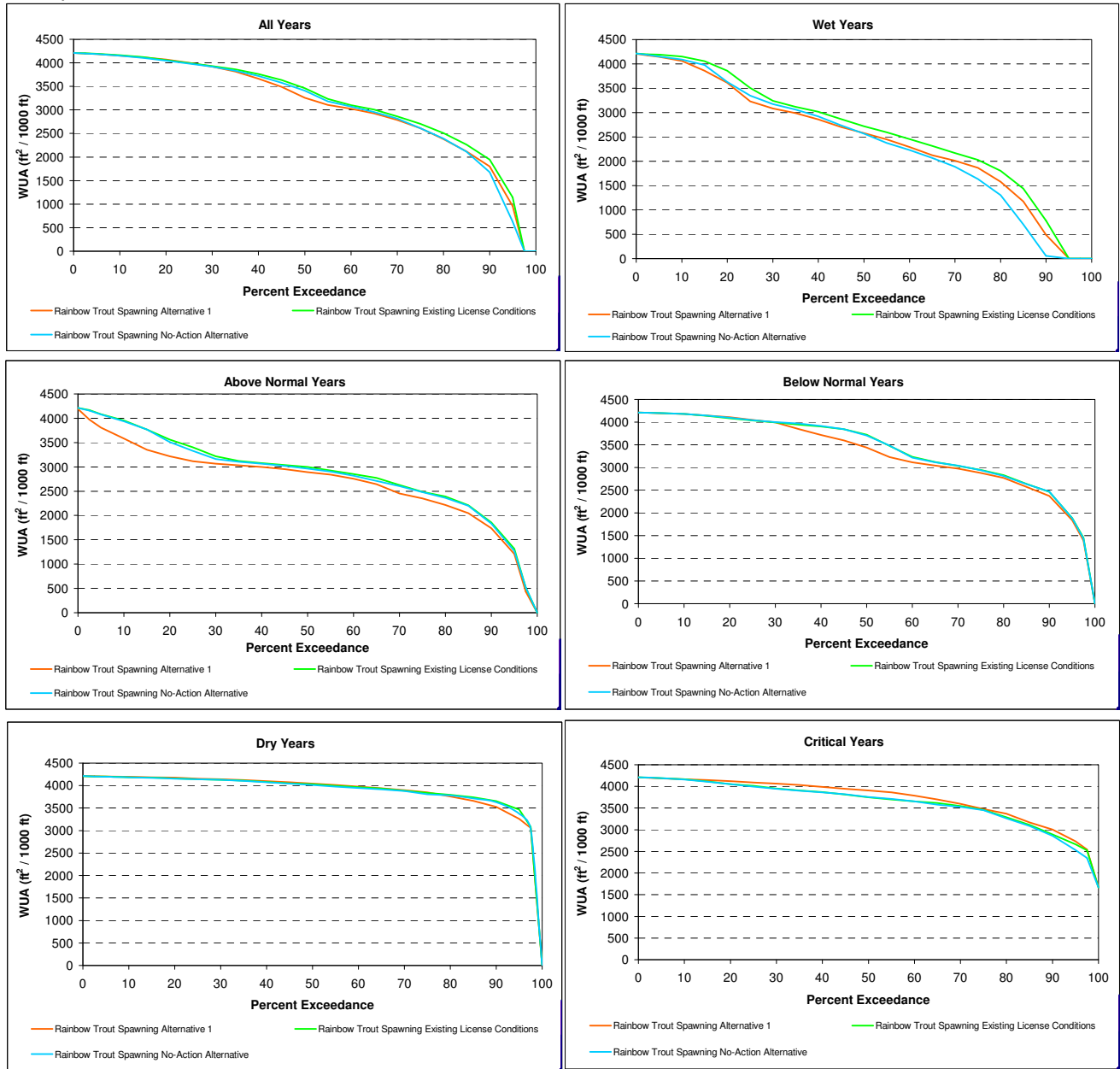


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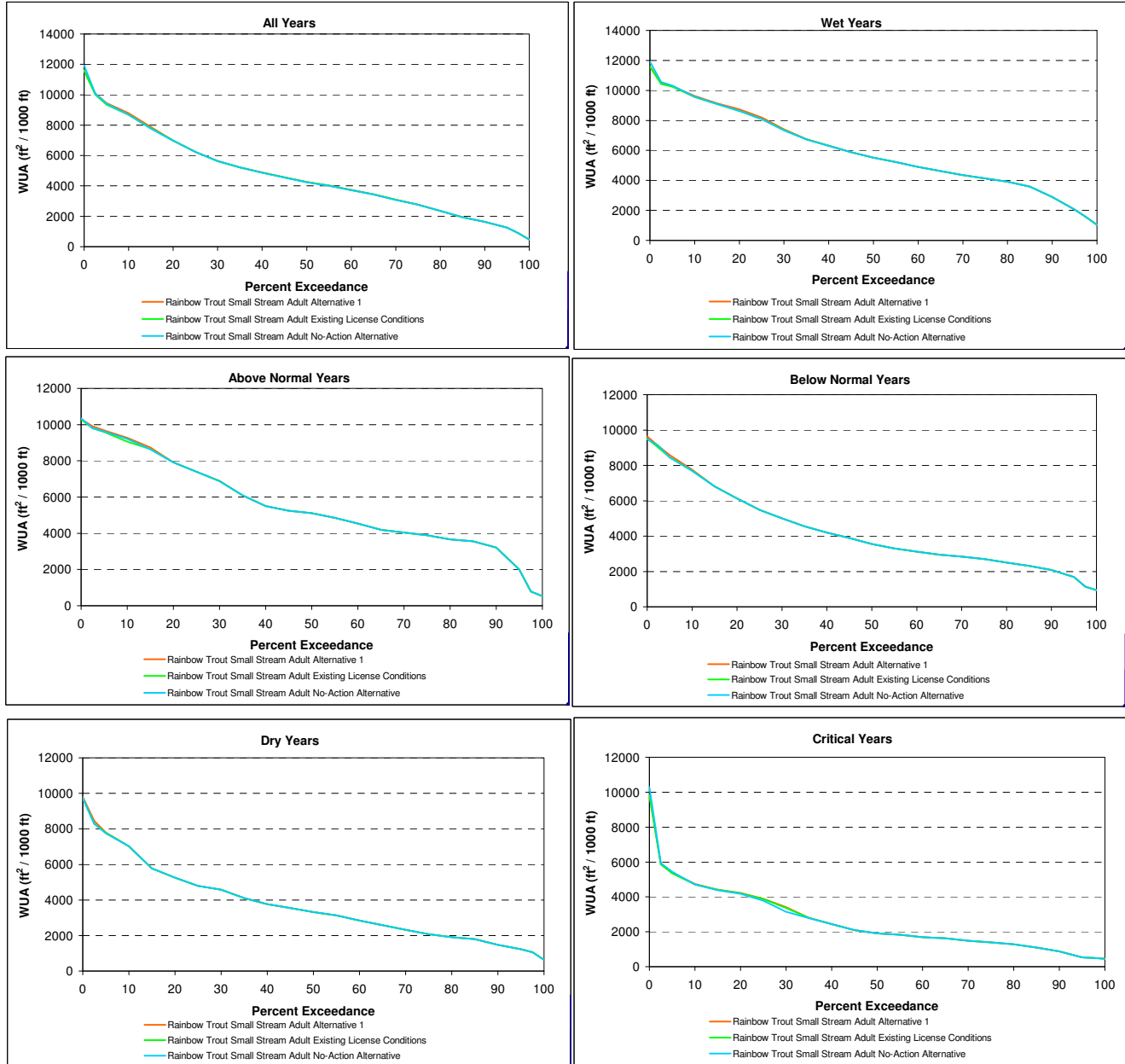


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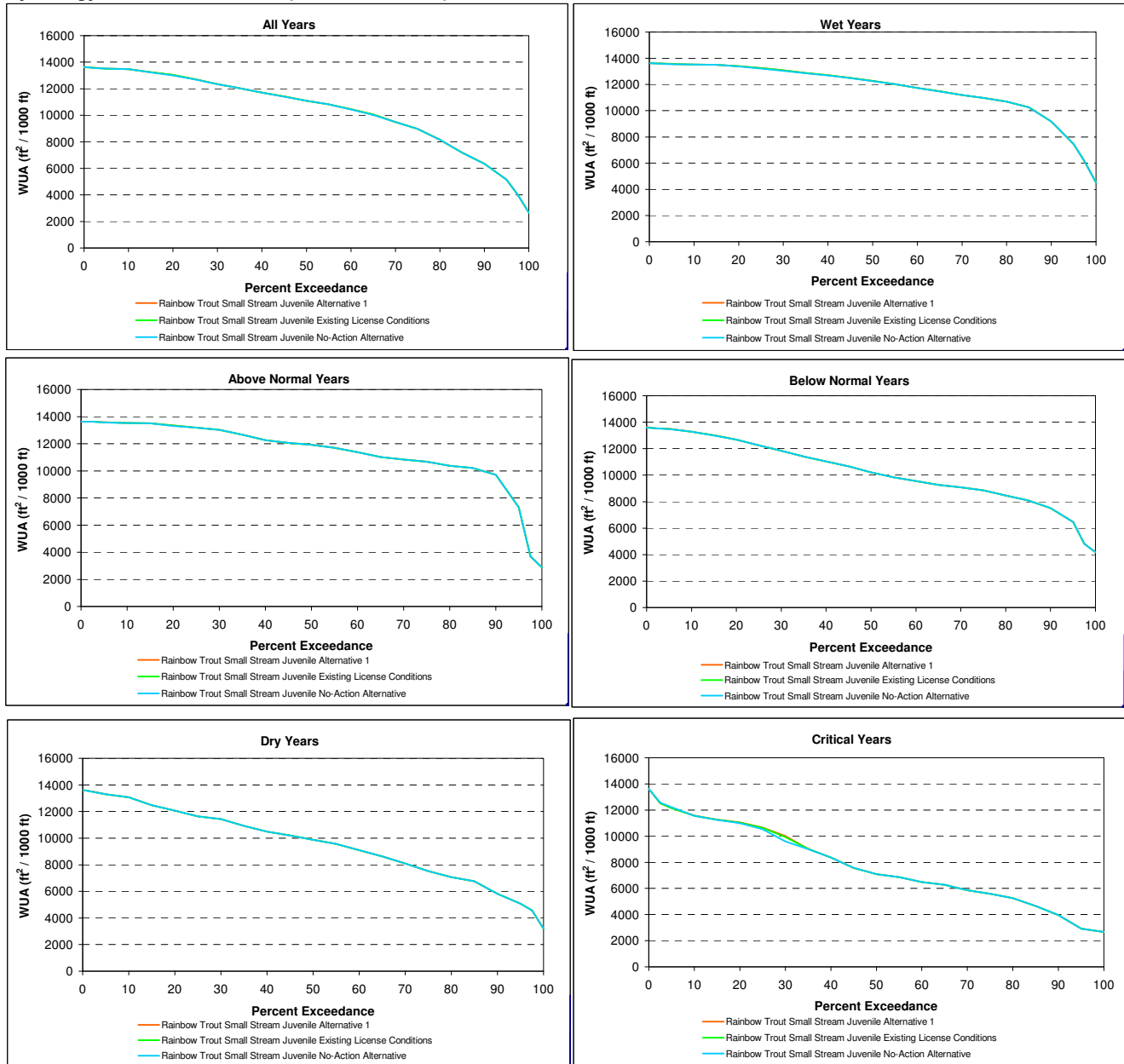


Figure C - 19. Middle Fork American River - MF44.7 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 530.802 (Top of Reach).

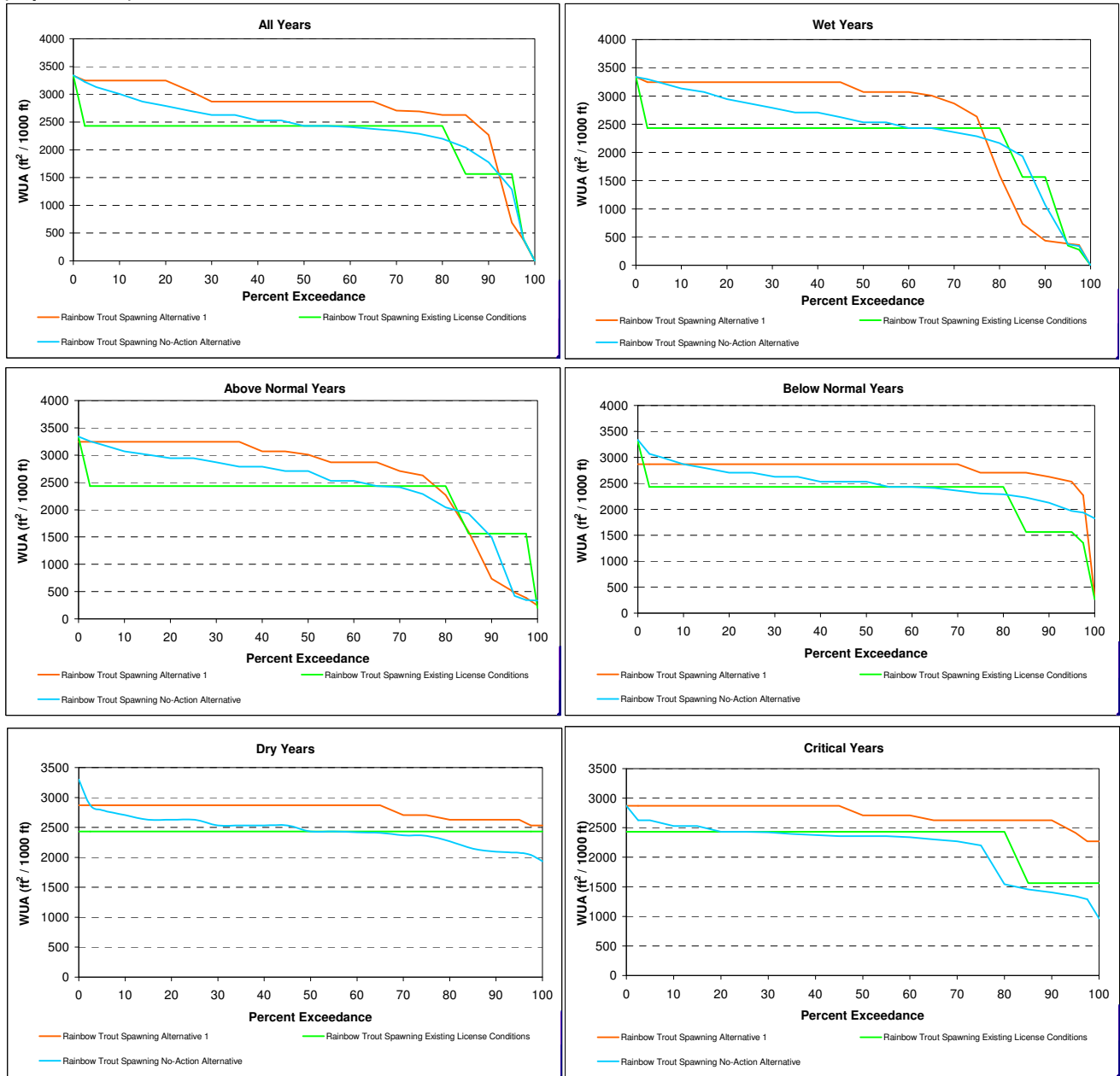


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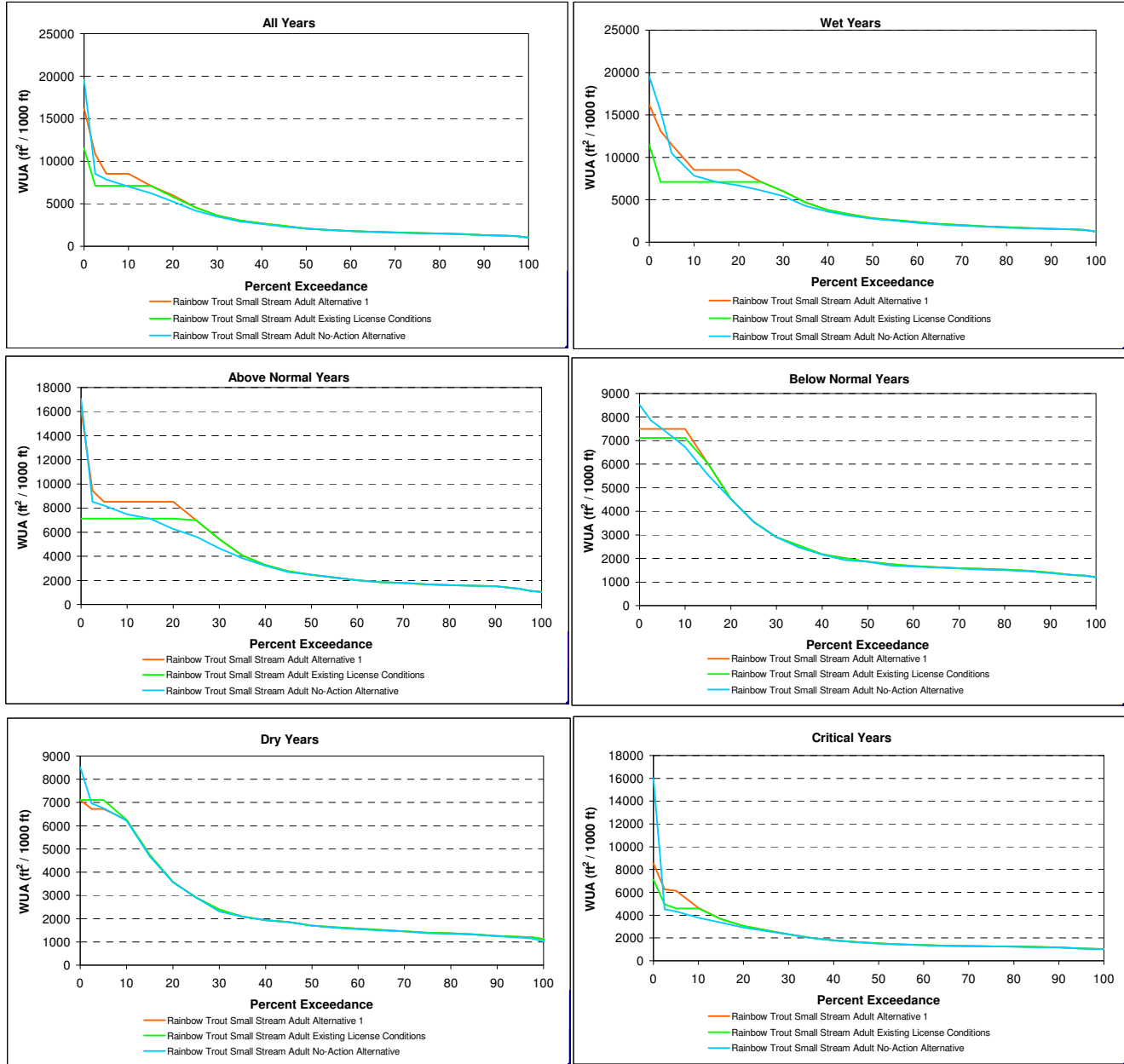


Figure C - 20. Middle Fork American River - MF44.7 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 530.802 (Top of Reach).

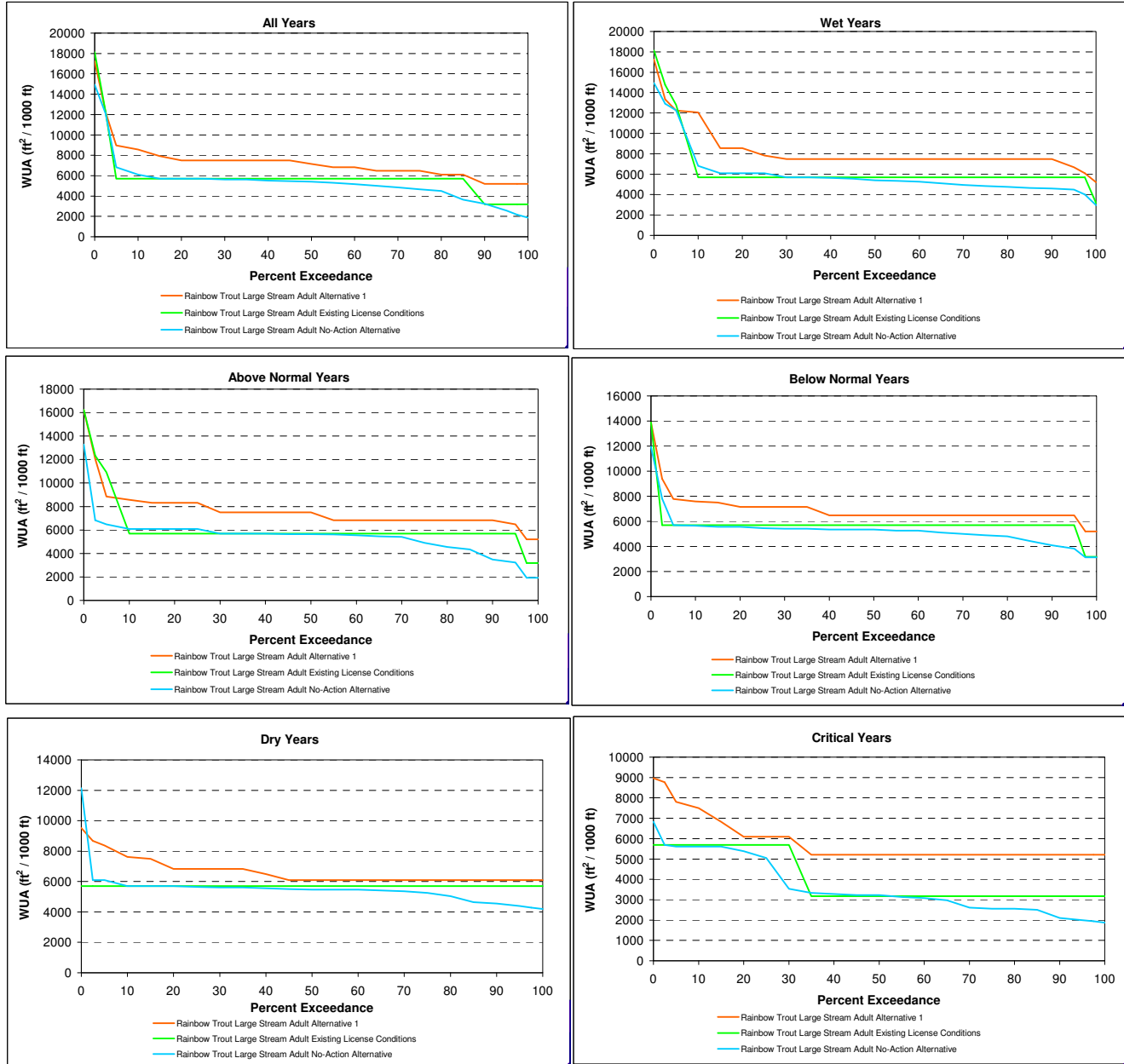


Figure C - 21. Middle Fork American River - MF44.7 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 530.802 (Top of Reach).

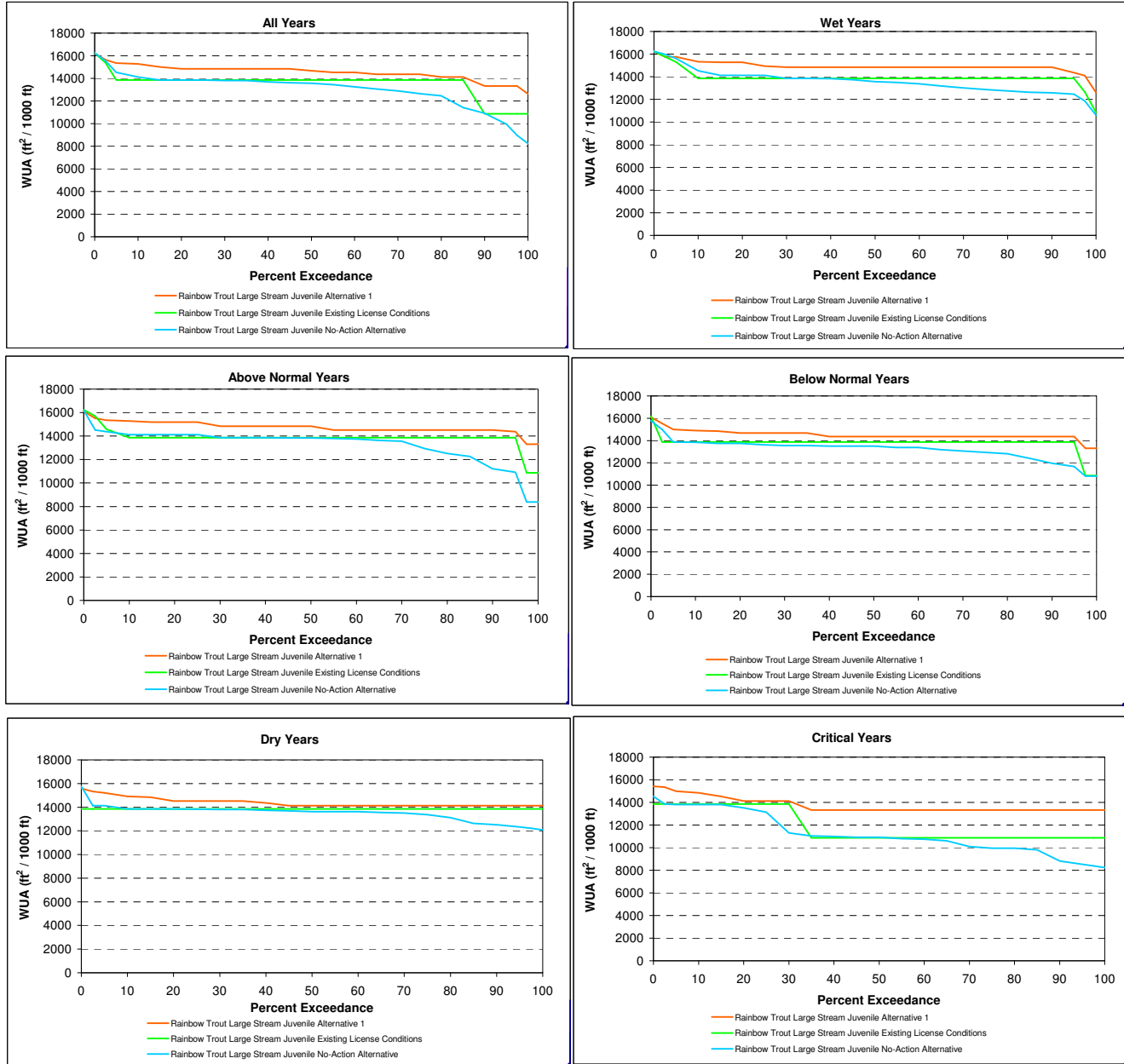


Figure C - 22. Middle Fork American River - MF44.7 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 802.806+806ACC (Bottom of Reach).

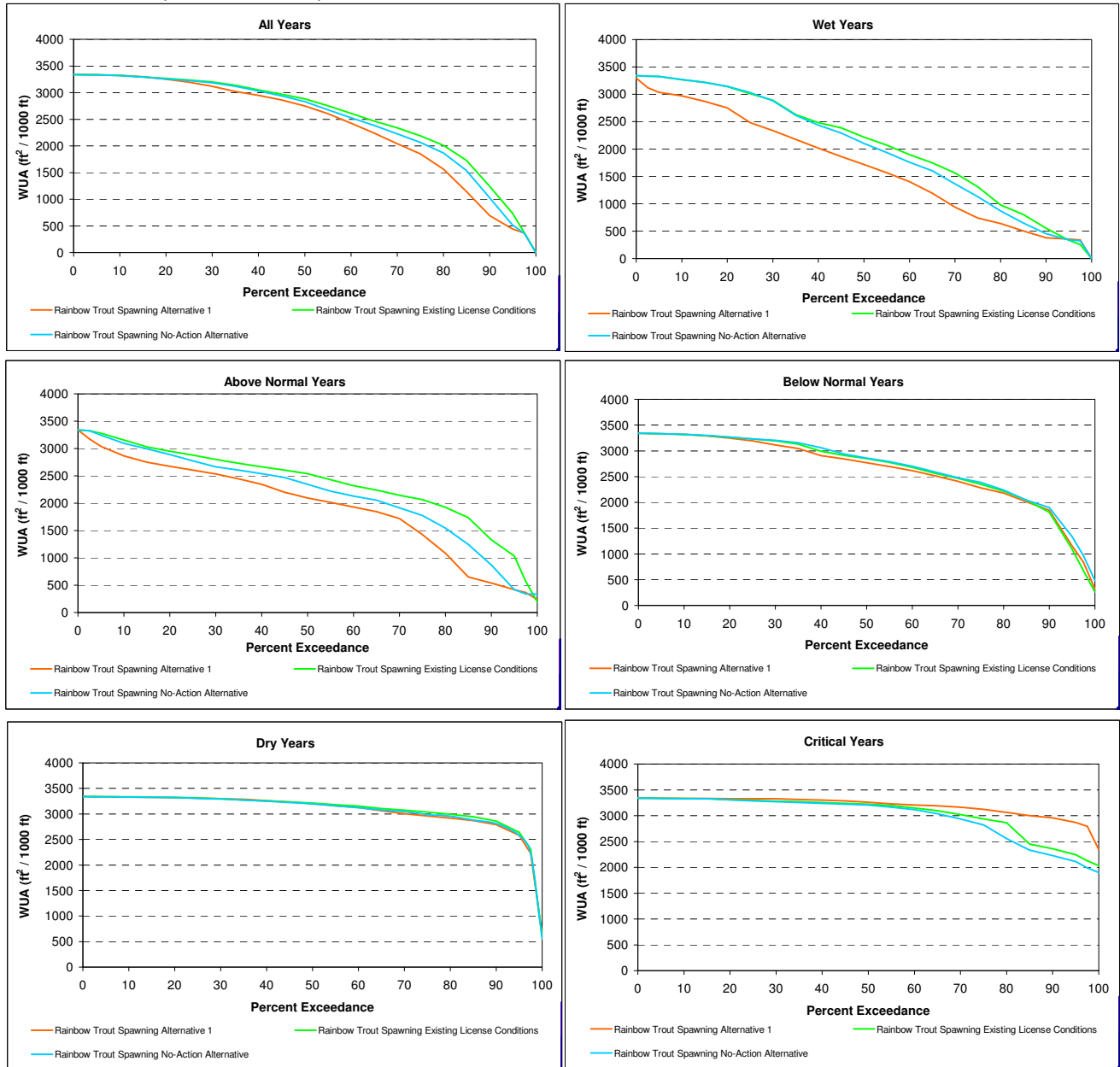


Figure C - 23. Middle Fork American River - MF44.7 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 802.806+806ACC (Bottom of Reach).

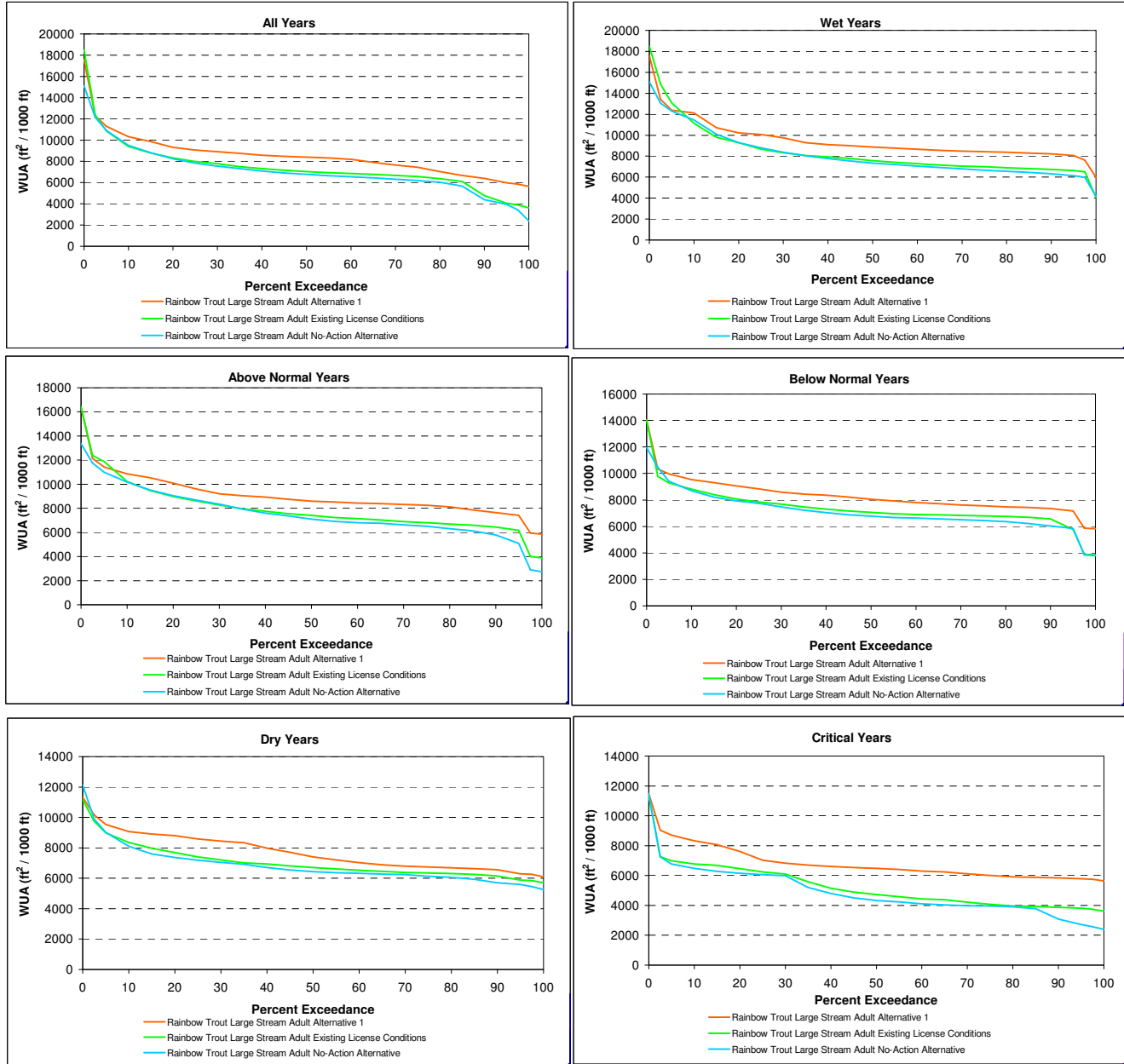


Figure C - 24. Middle Fork American River - MF44.7 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 802.806+806ACC (Bottom of Reach).

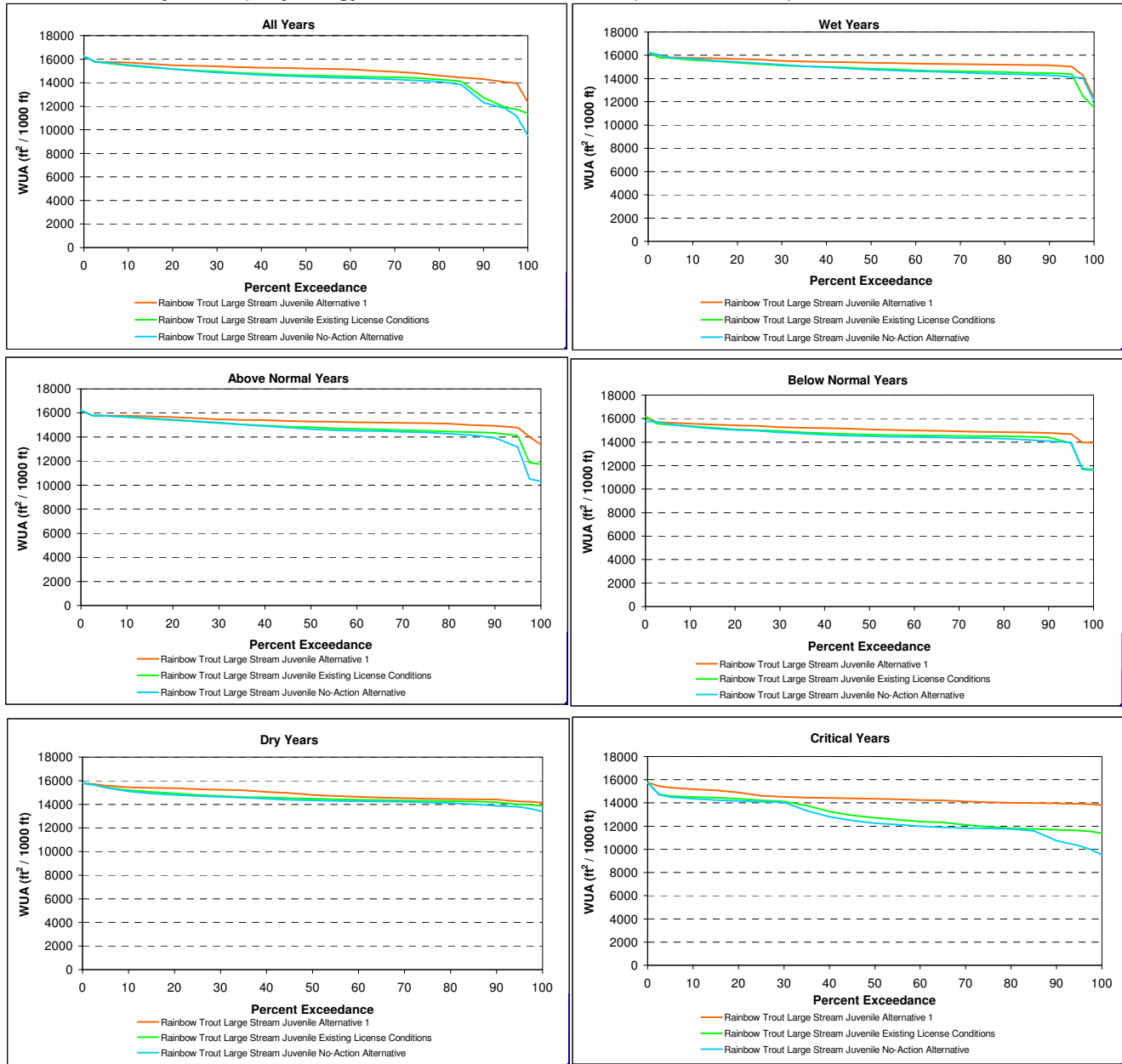


Figure C - 25. Middle Fork American River - MF36.2 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 806.810 (Top of Reach).

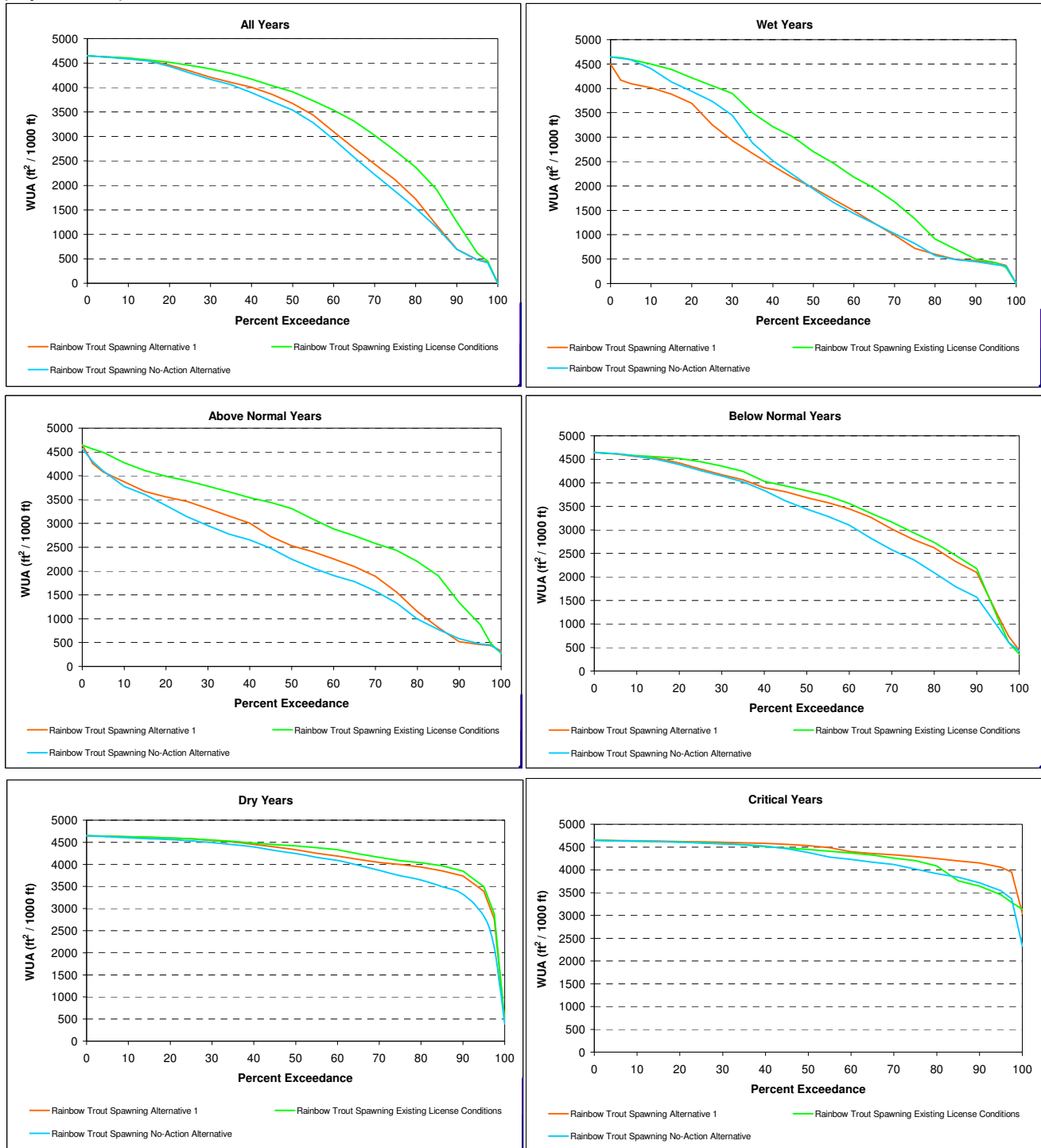


Figure C - 26. Middle Fork American River - MF36.2 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 806.810 (Top of Reach).

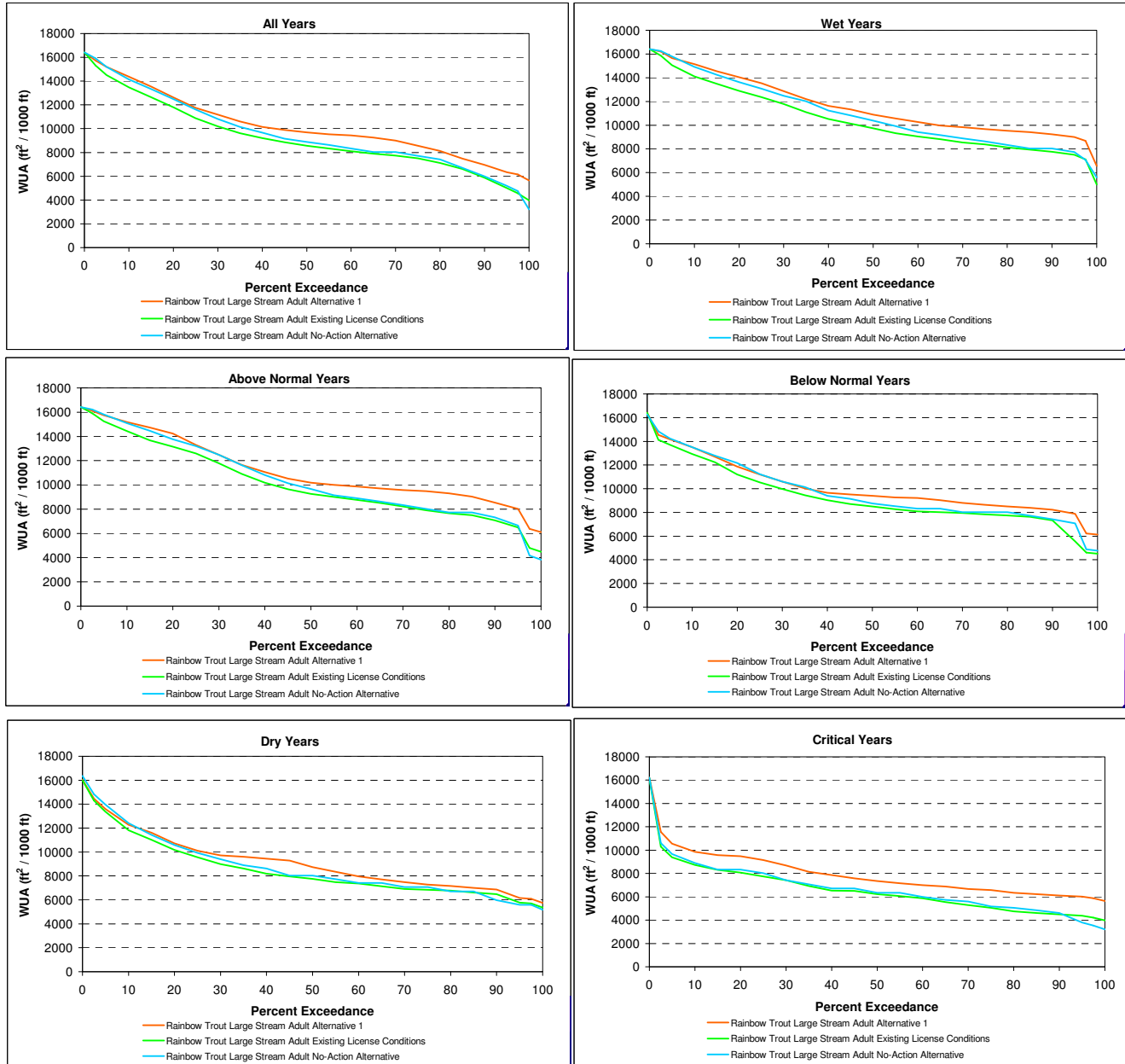


Figure C - 27. Middle Fork American River - MF36.2 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 806.810 (Top of Reach).

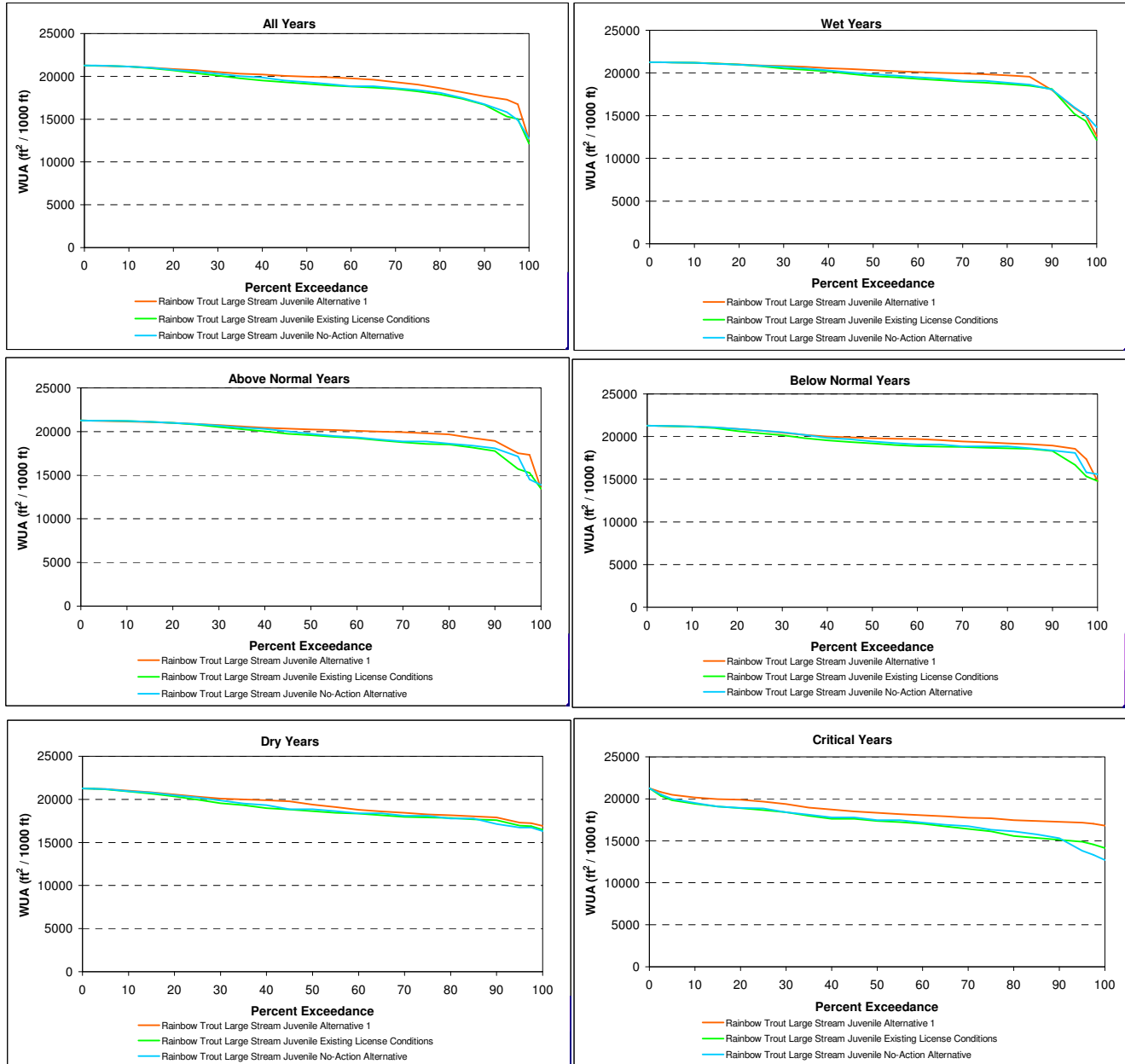


Figure C - 28. Middle Fork American River - MF36.2 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 806.810+810ACC (Bottom of Reach).

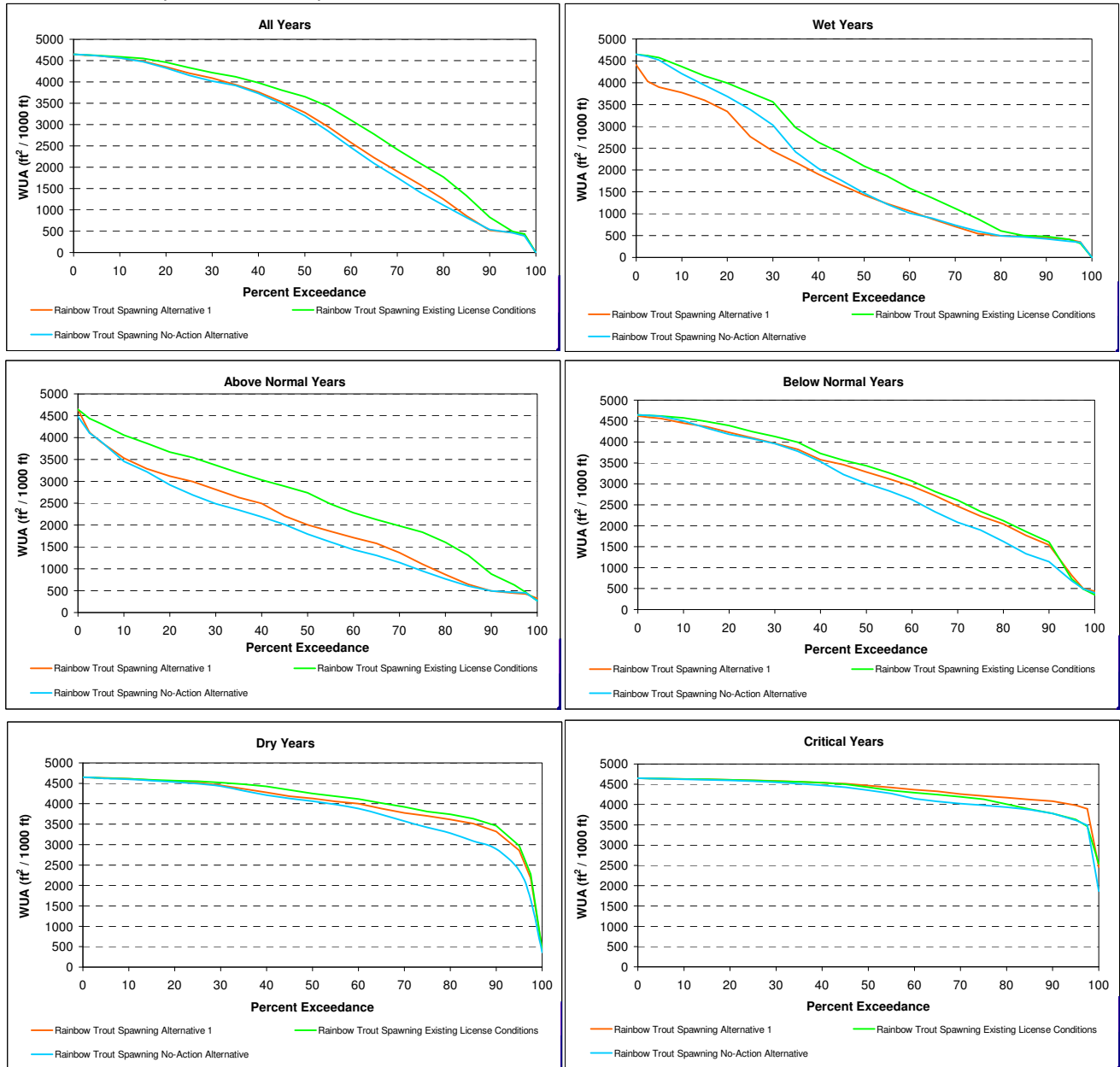


Figure C - 29. Middle Fork American River - MF36.2 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 806.810+810ACC (Bottom of Reach).

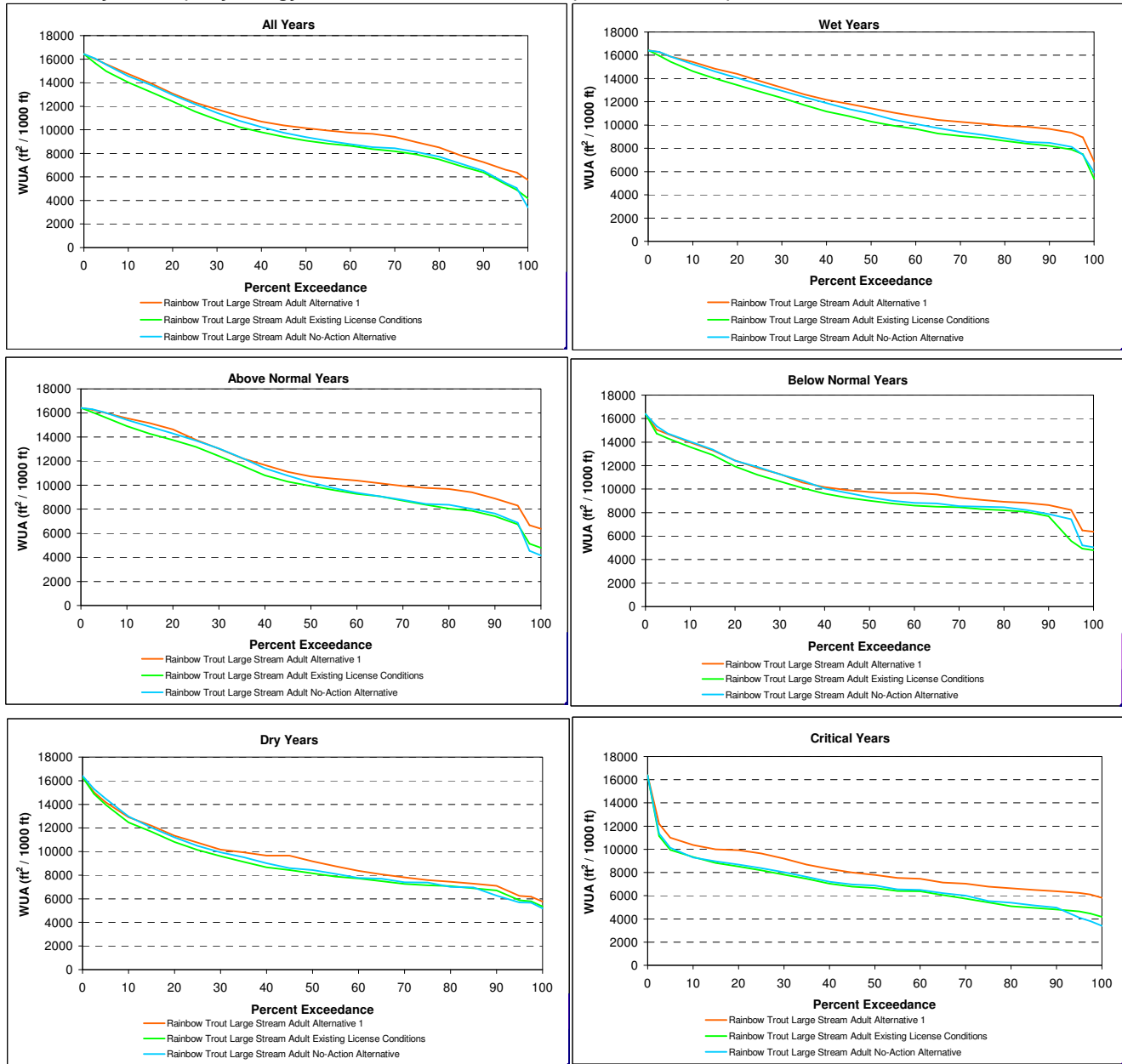


Figure C - 3. Duncan Creek - D6.3 Rainbow Trout Small Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 804.805 (Top of Reach).

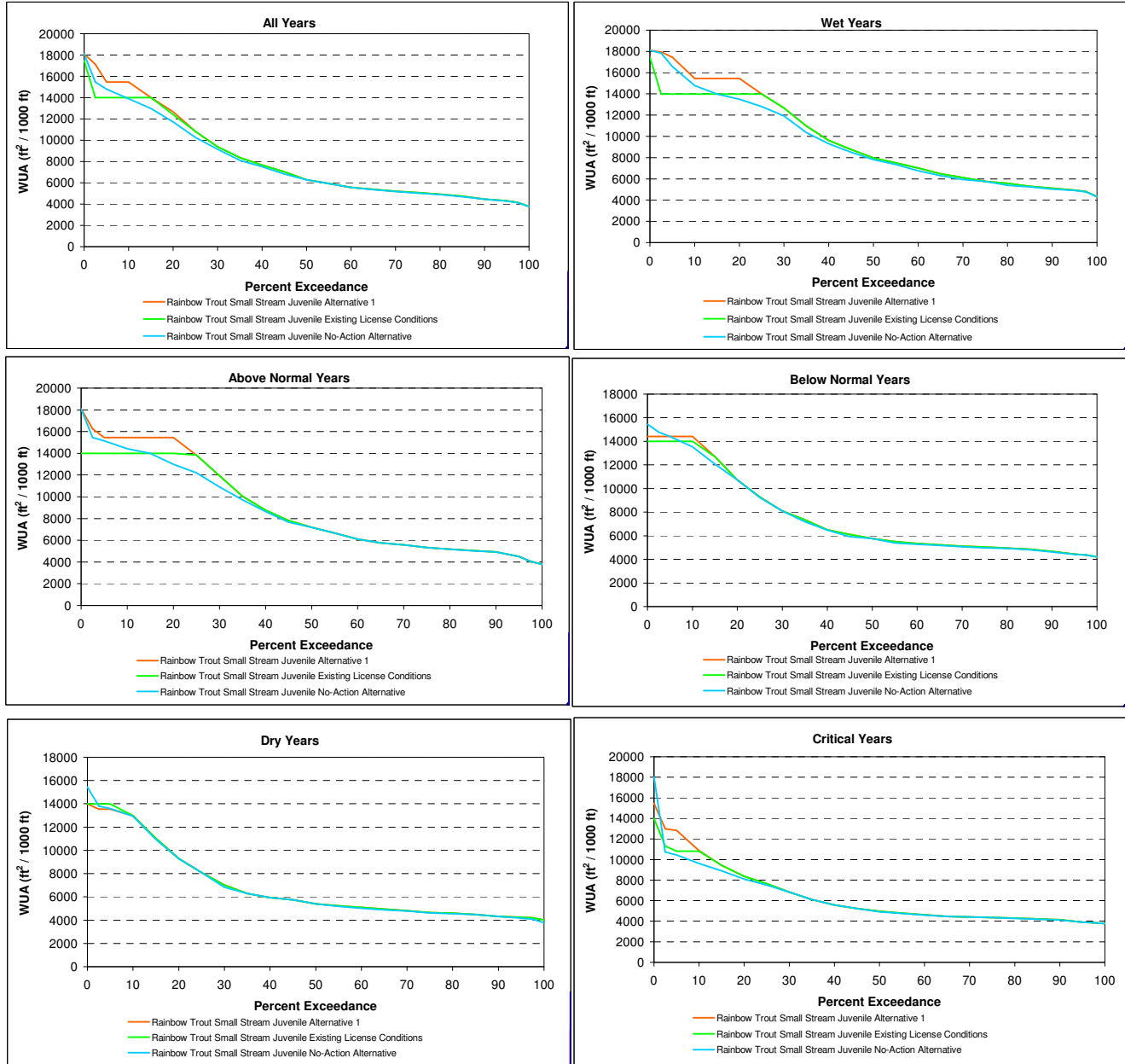


Figure C - 30. Middle Fork American River - MF36.2 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 806.810+810ACC (Bottom of Reach).

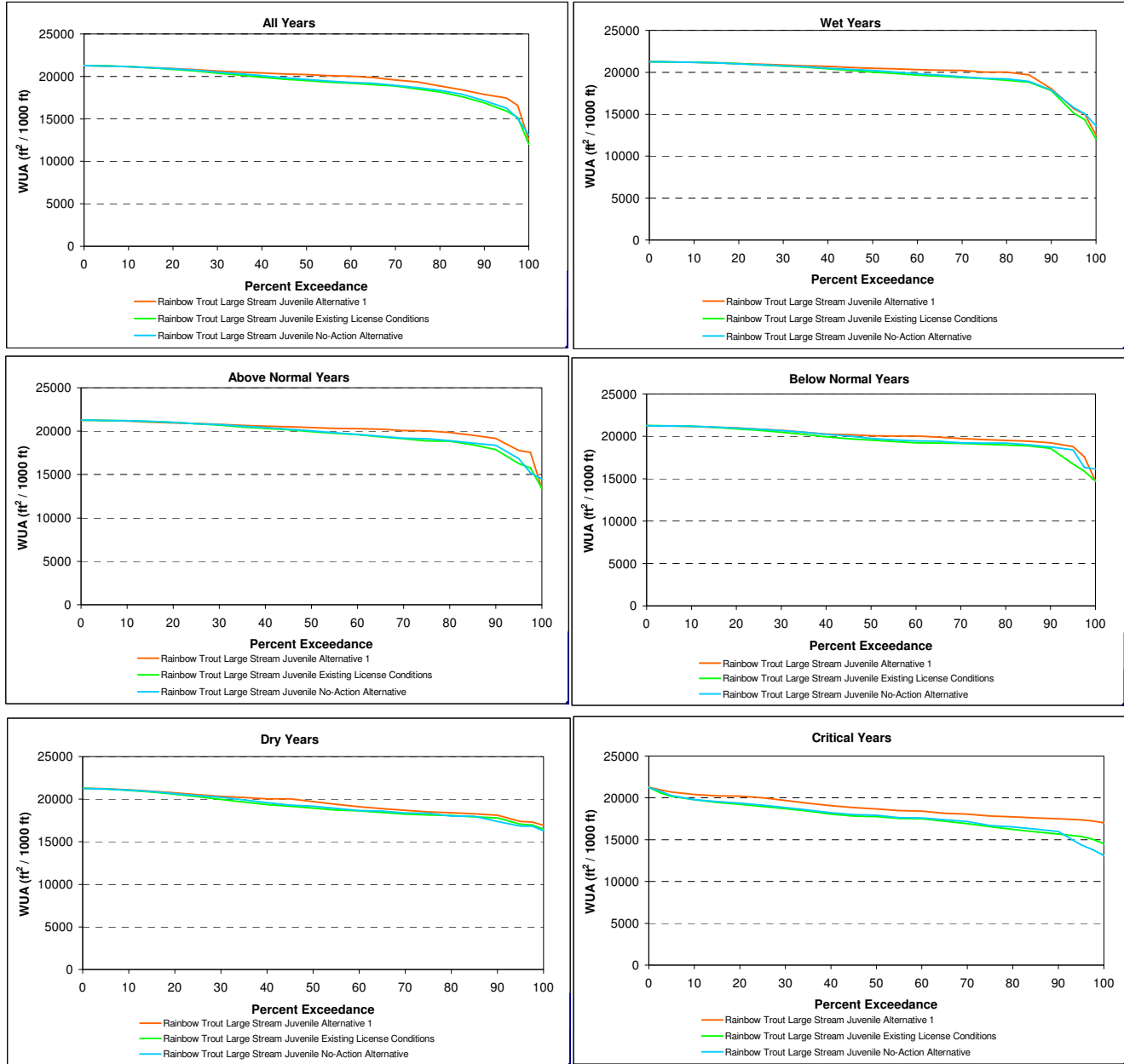


Figure C - 31. Middle Fork American River - MF26.2 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 810.812 (Top of Reach).

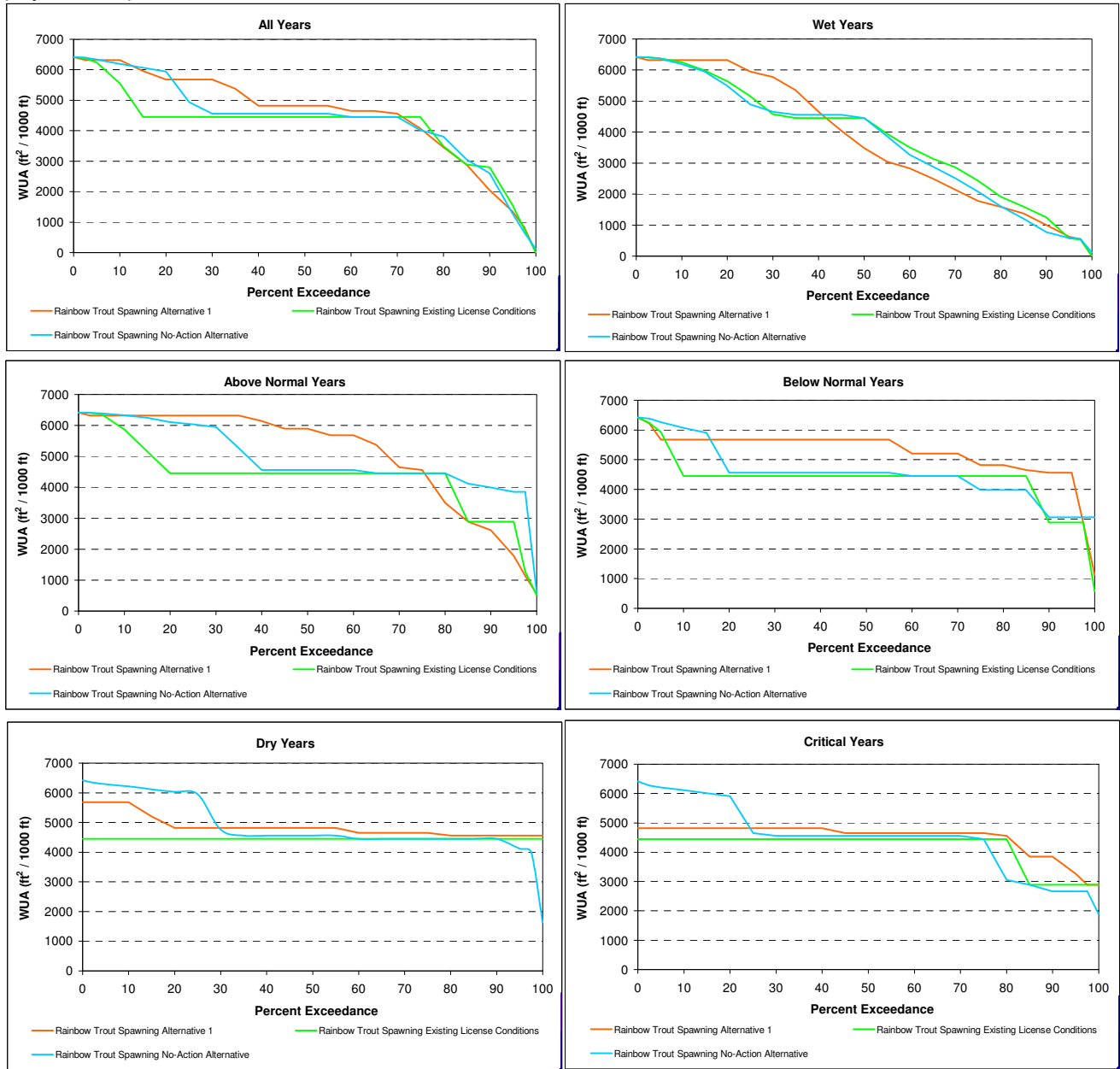


Figure C - 32. Middle Fork American River - MF26.2 Foothill Yellow-Legged Frog Breeding Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 810.812 (Top of Reach).

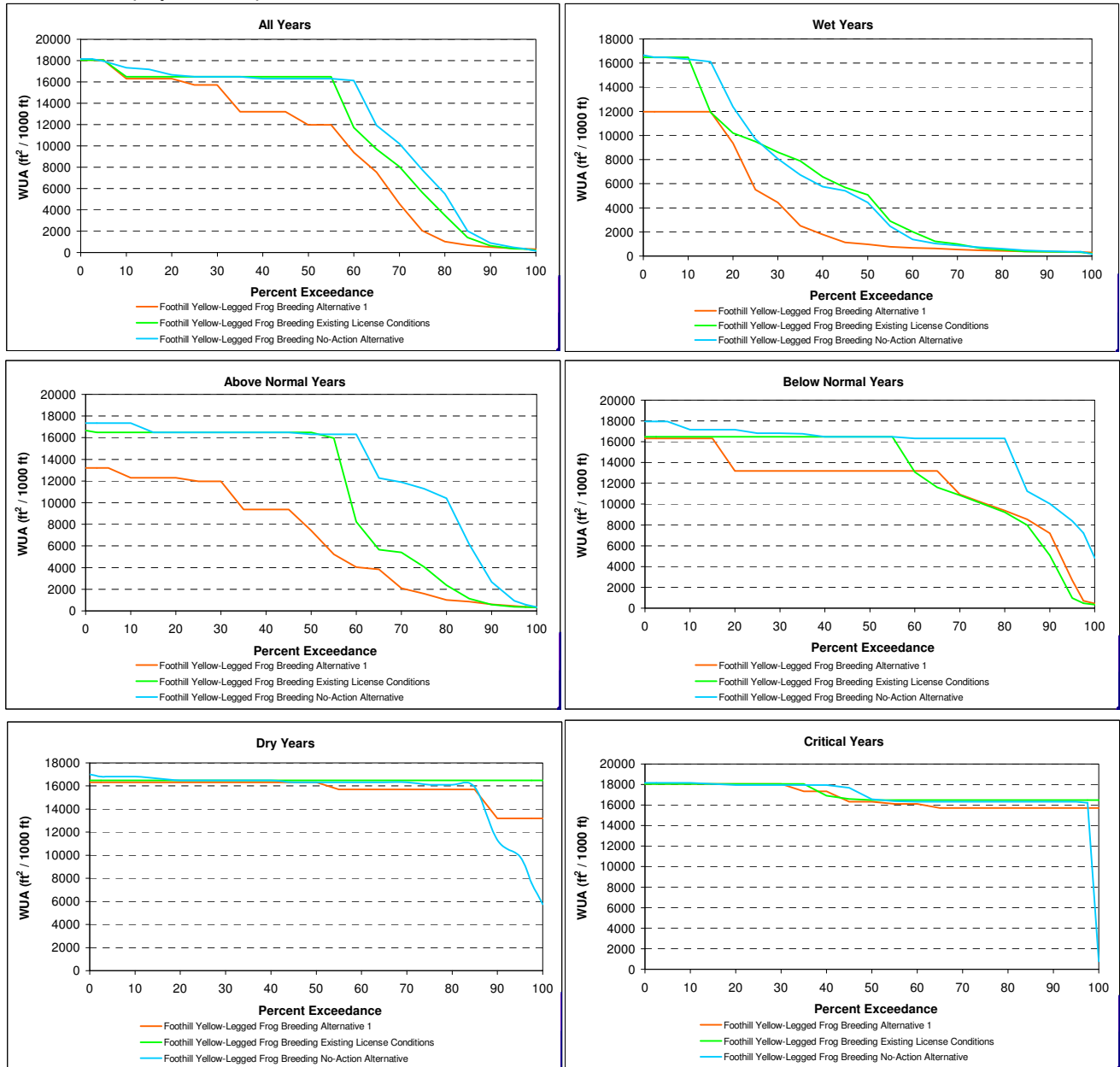


Figure C - 33. Middle Fork American River - MF26.2 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 810.812 (Top of Reach).

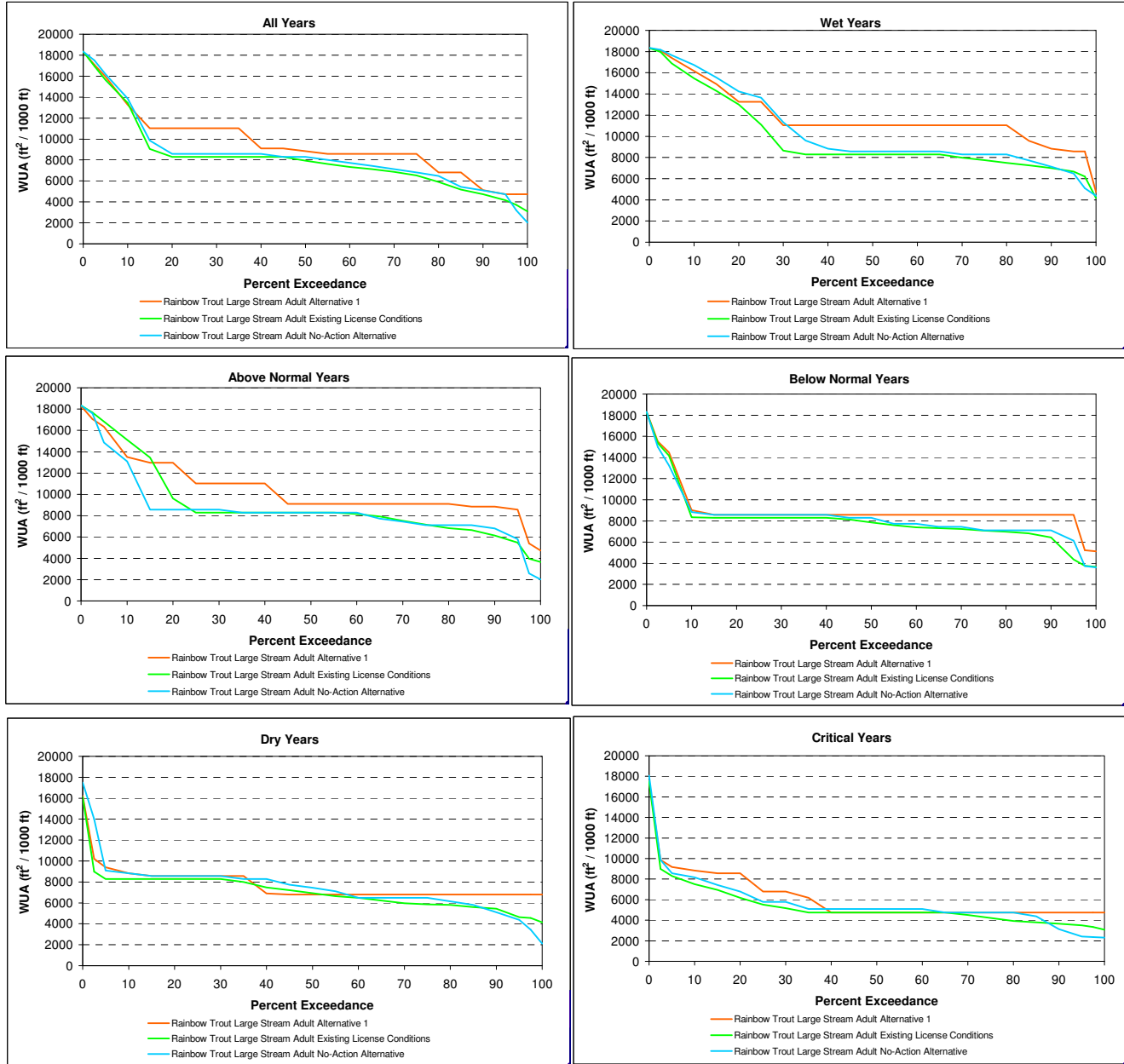


Figure C - 34. Middle Fork American River - MF26.2 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 810.812 (Top of Reach).

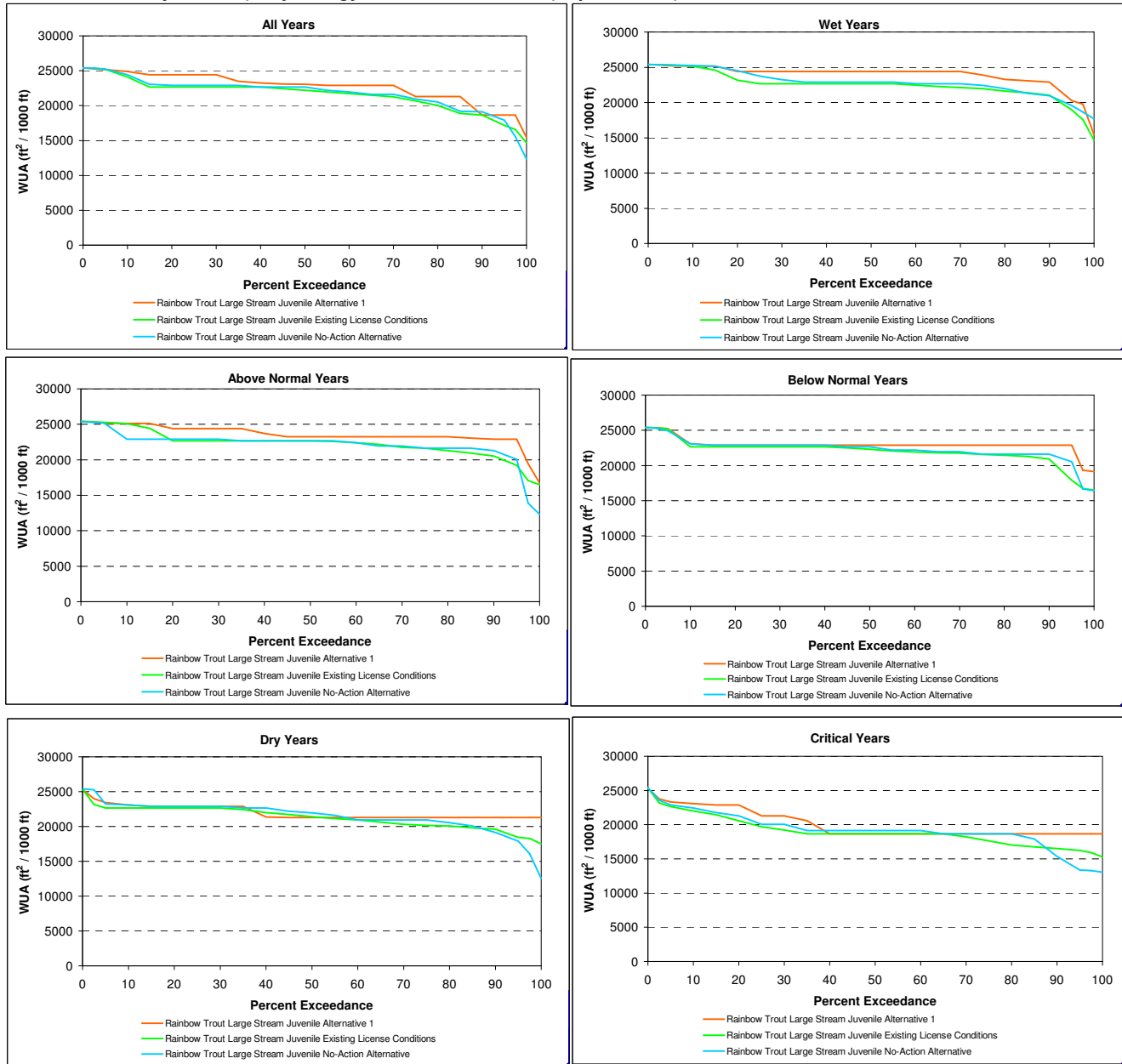


Figure C - 35. Middle Fork American River - MF26.2 Hardhead/Sacramento Pikeminnow Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 810.812 (Top of Reach).

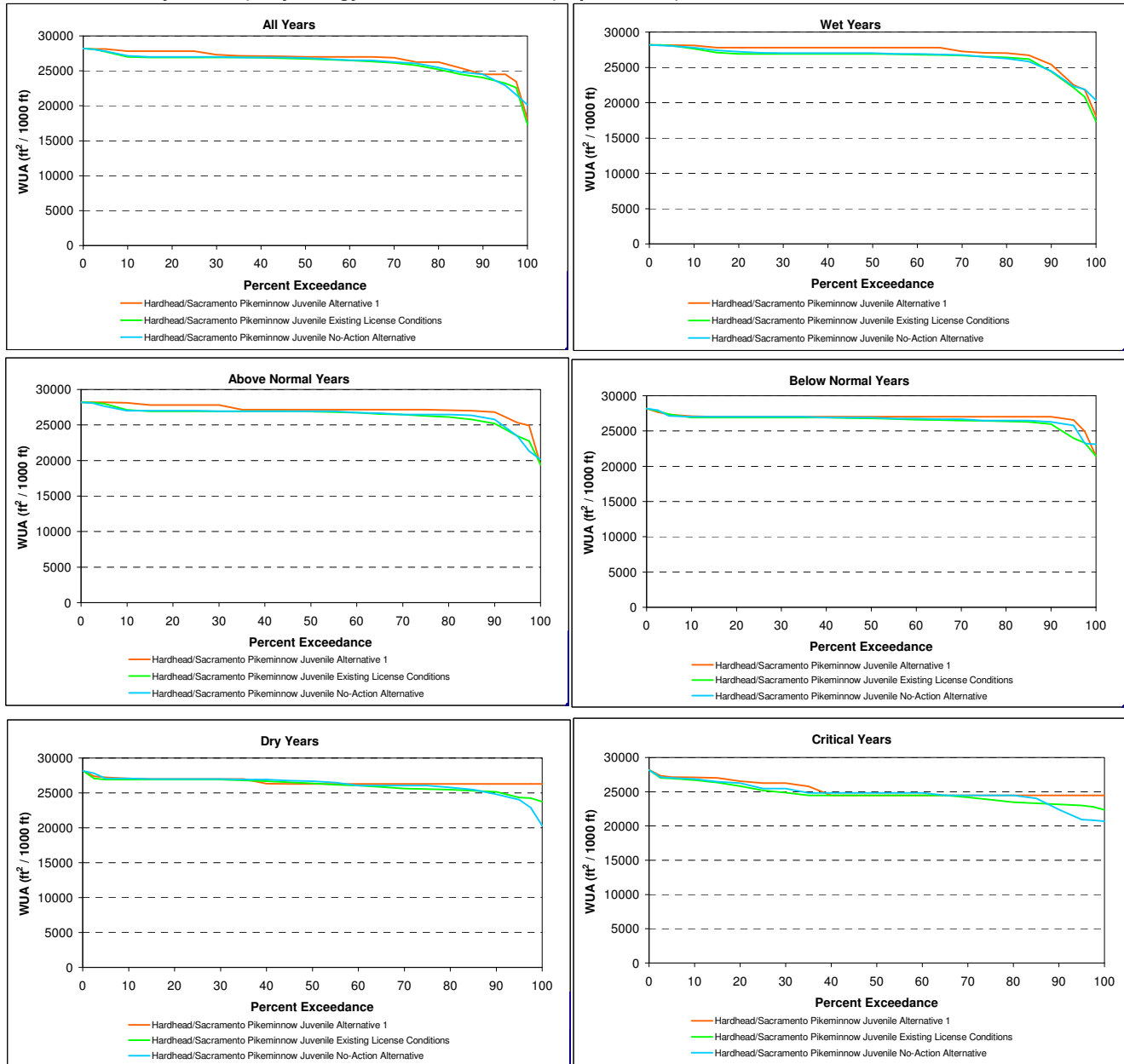


Figure C - 36. Middle Fork American River - MF26.2 Hardhead/Sacramento Pikeminnow Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 810.812 (Top of Reach).

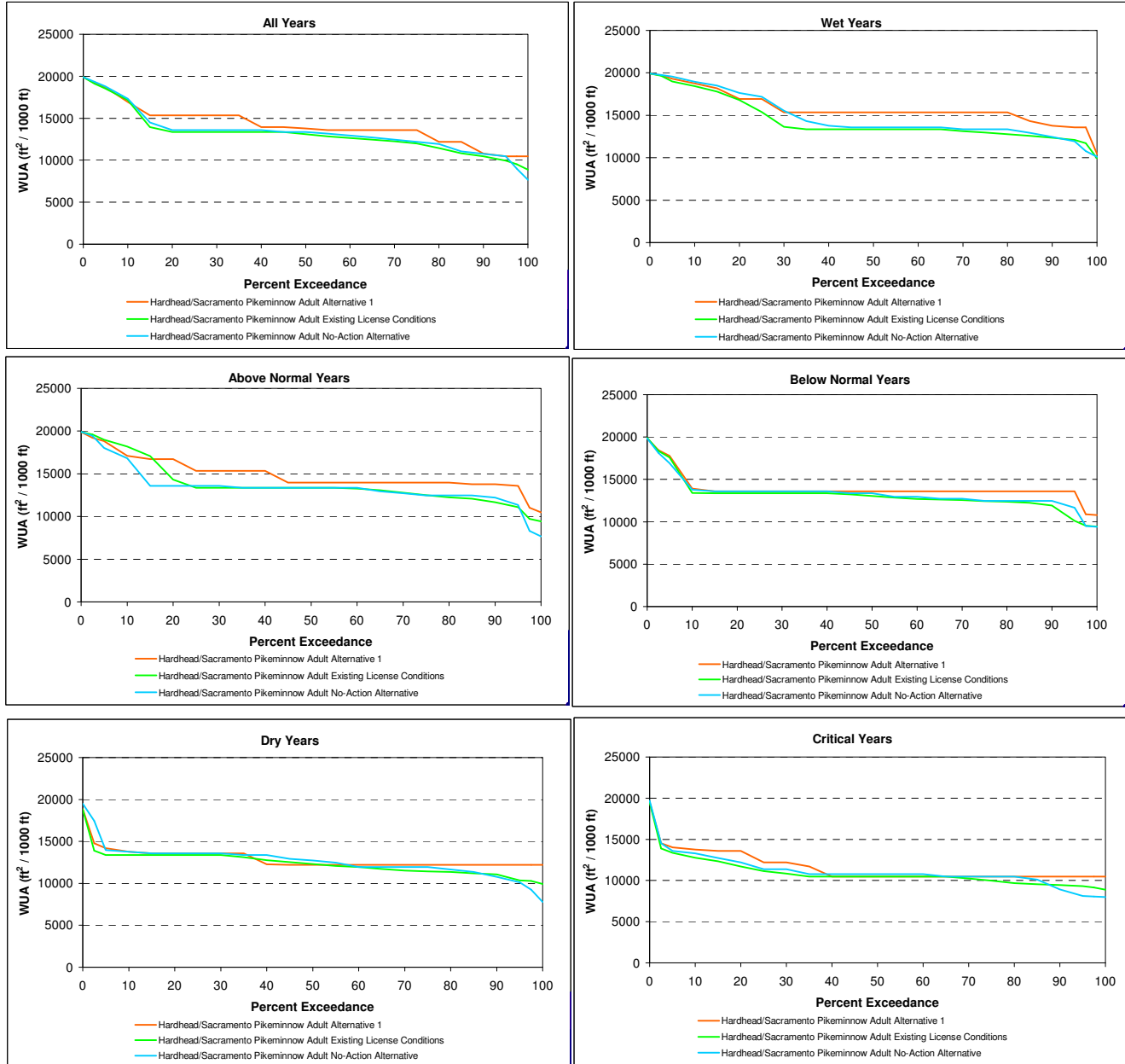


Figure C - 37. Middle Fork American River - MF26.2 Foothill Yellow-Legged Frog Tadpole Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 810.812 (Top of Reach).

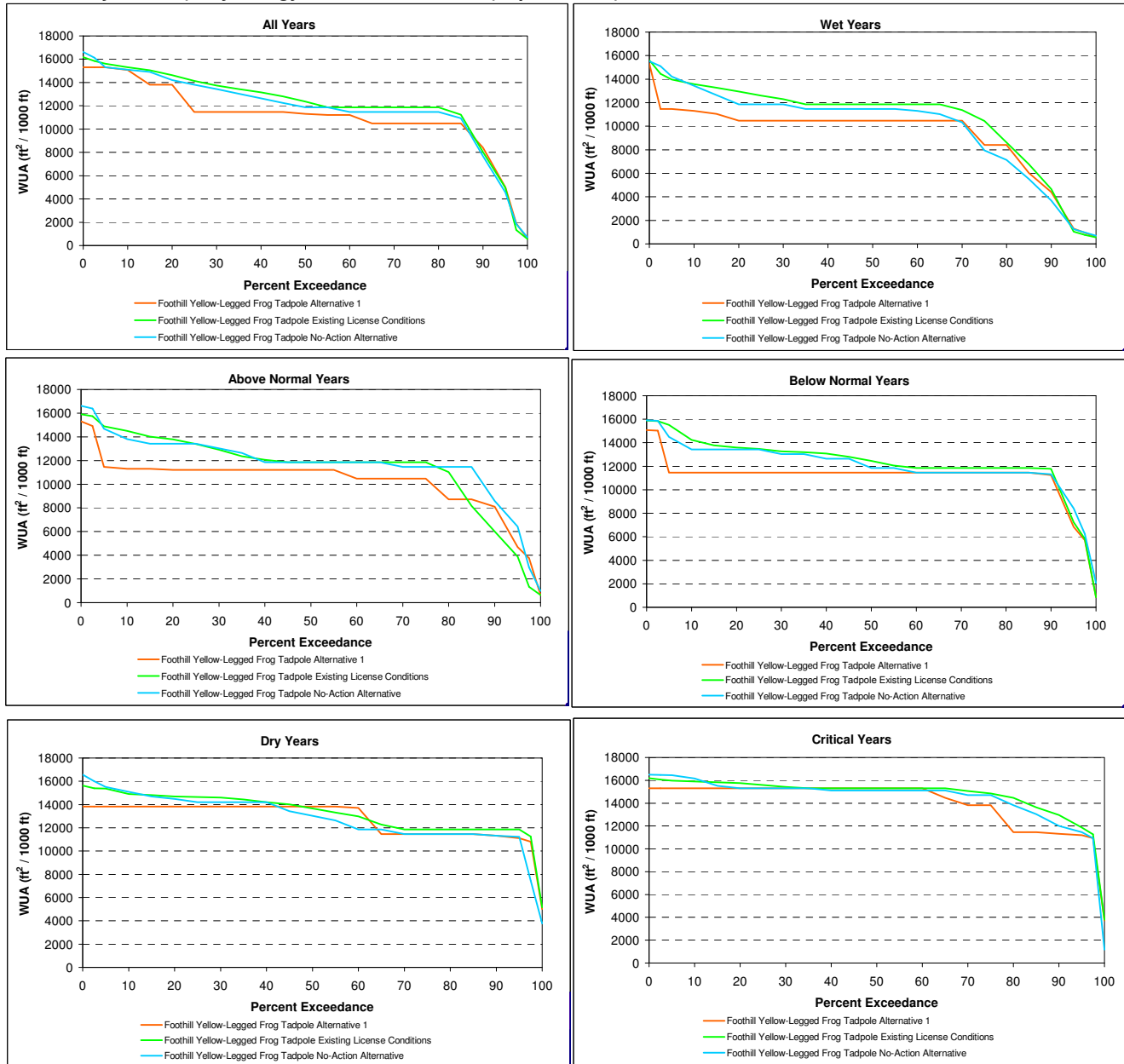


Figure C - 38. Middle Fork American River - MF26.2 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 813.845 (Bottom of Reach).

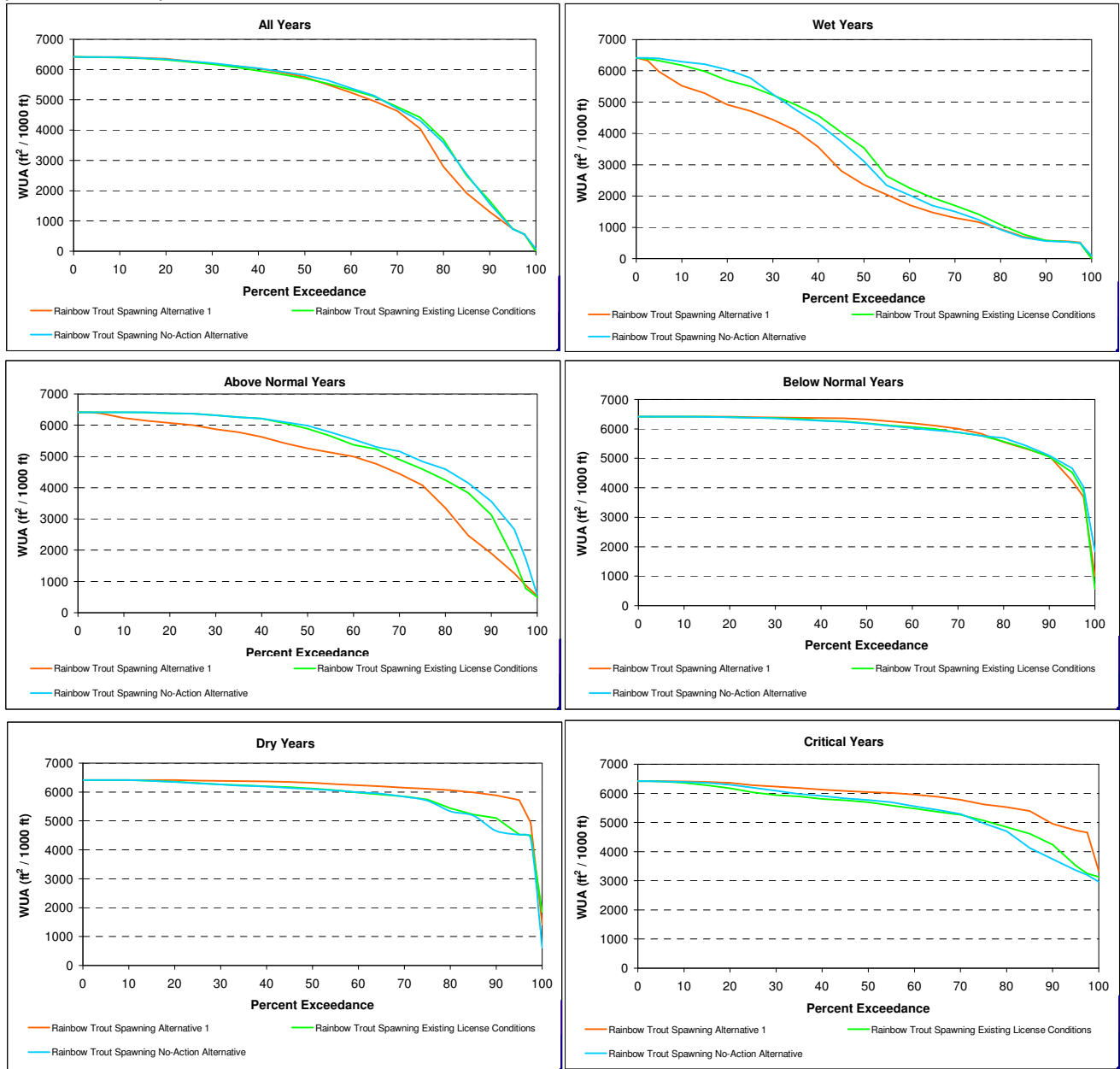


Figure C - 39. Middle Fork American River - MF26.2 Foothill Yellow-Legged Frog Breeding Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 813.845 (Bottom of Reach).

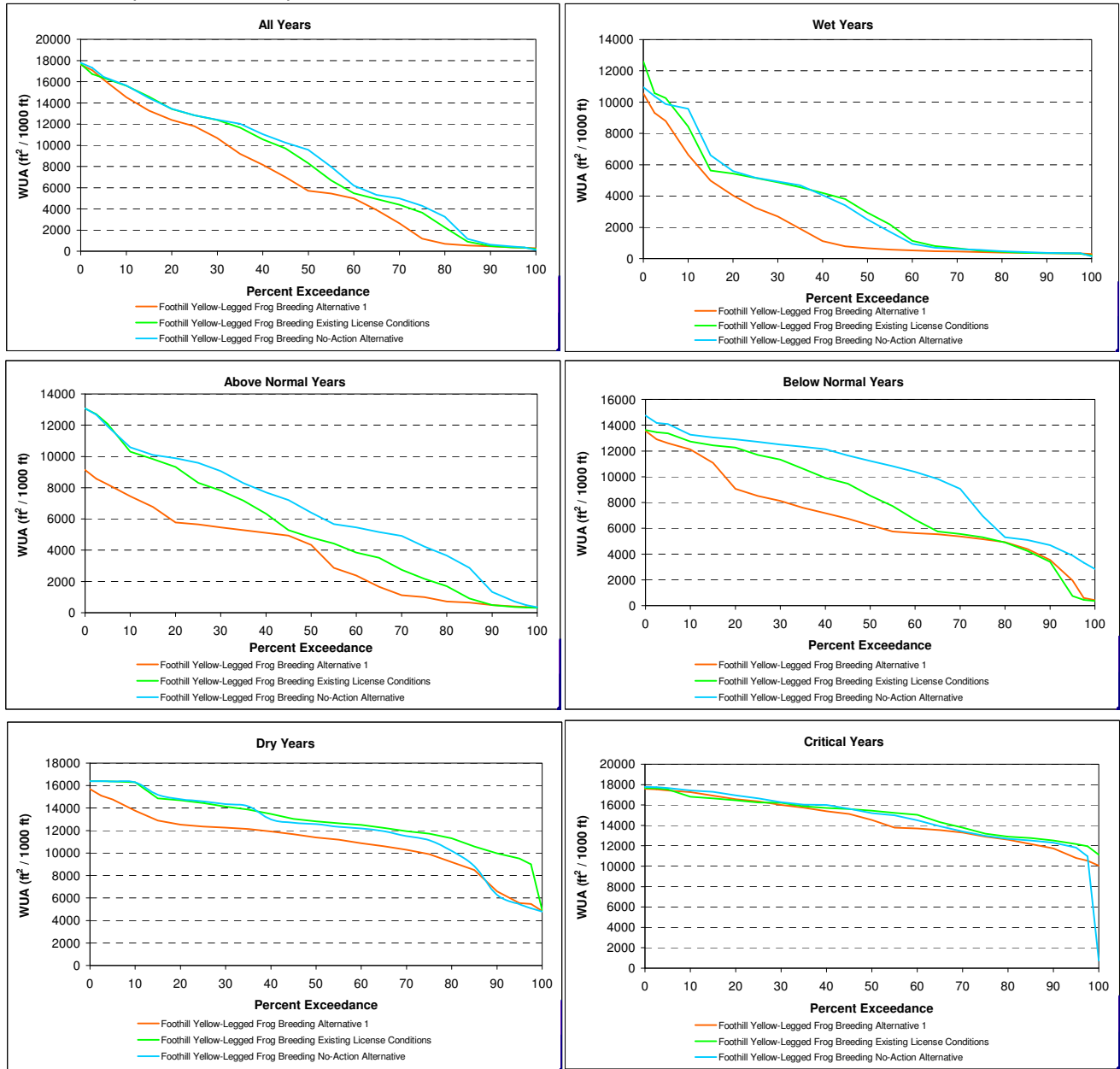


Figure C - 4. Duncan Creek - D6.3 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 805.806 (Bottom of Reach).

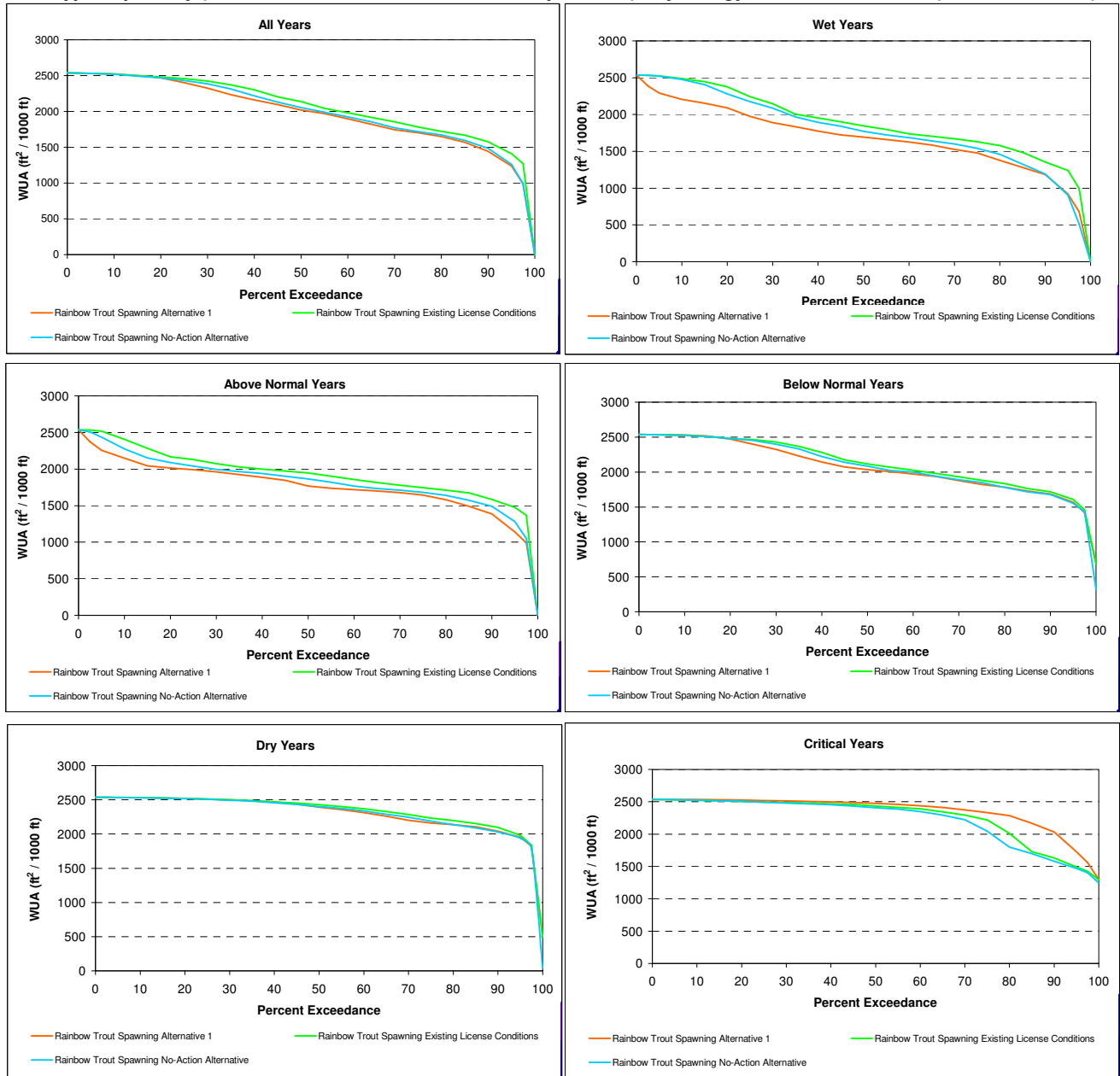


Figure C - 40. Middle Fork American River - MF26.2 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 813.845 (Bottom of Reach).

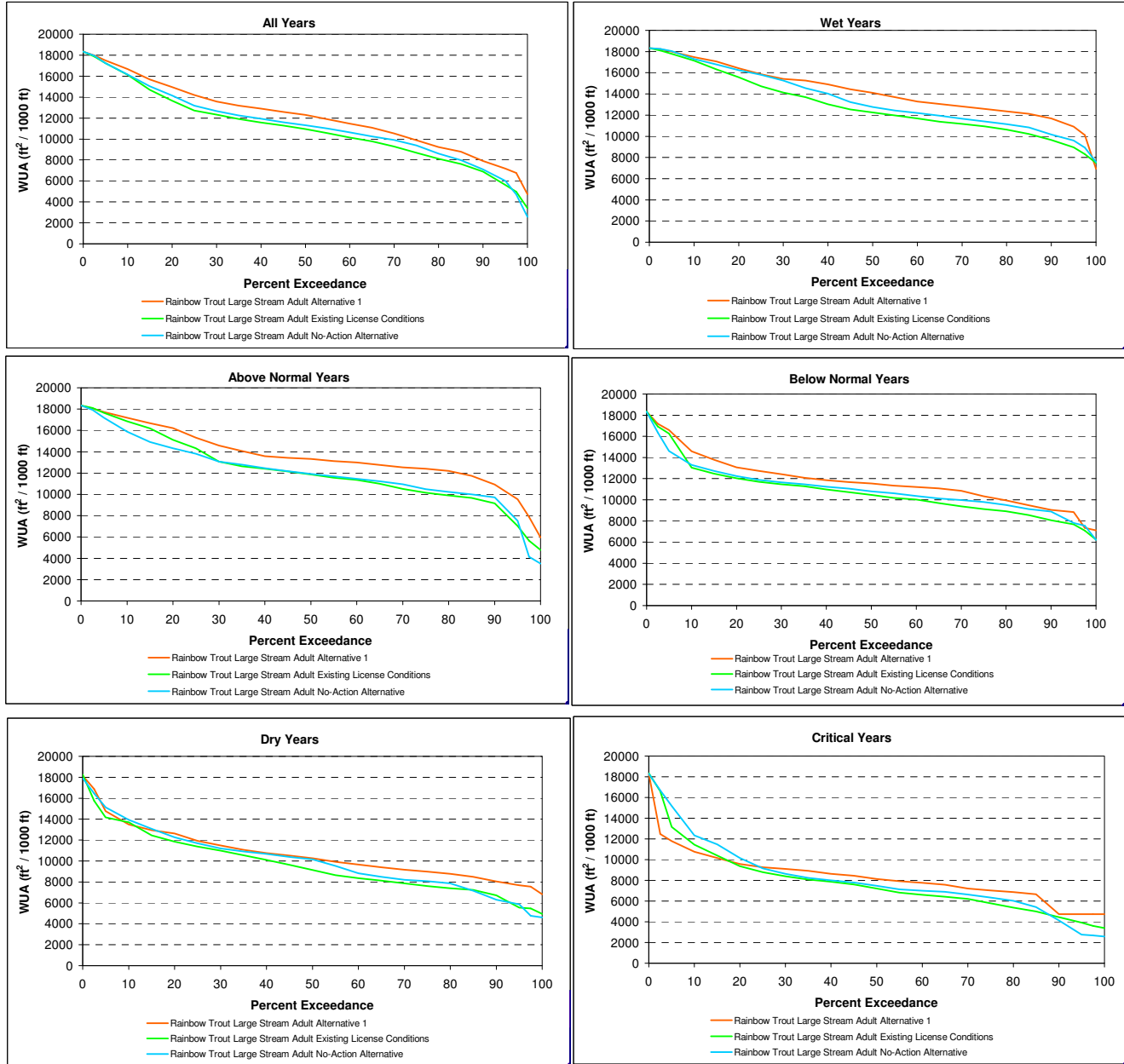


Figure C - 41. Middle Fork American River - MF26.2 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 813.845 (Bottom of Reach).

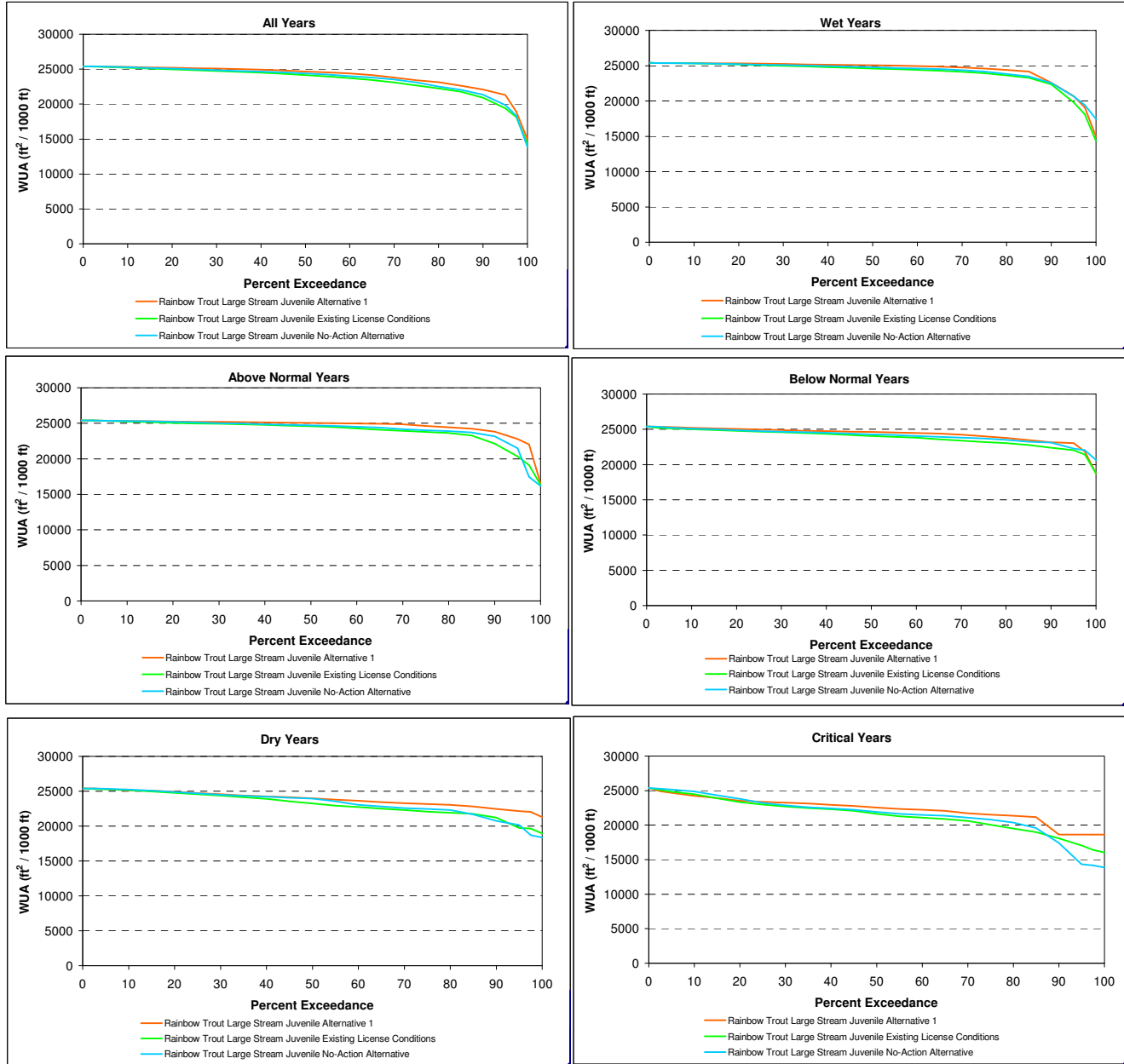


Figure C - 42. Middle Fork American River - MF26.2 Hardhead/Sacramento Pikeminnow Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 813.845 (Bottom of Reach).

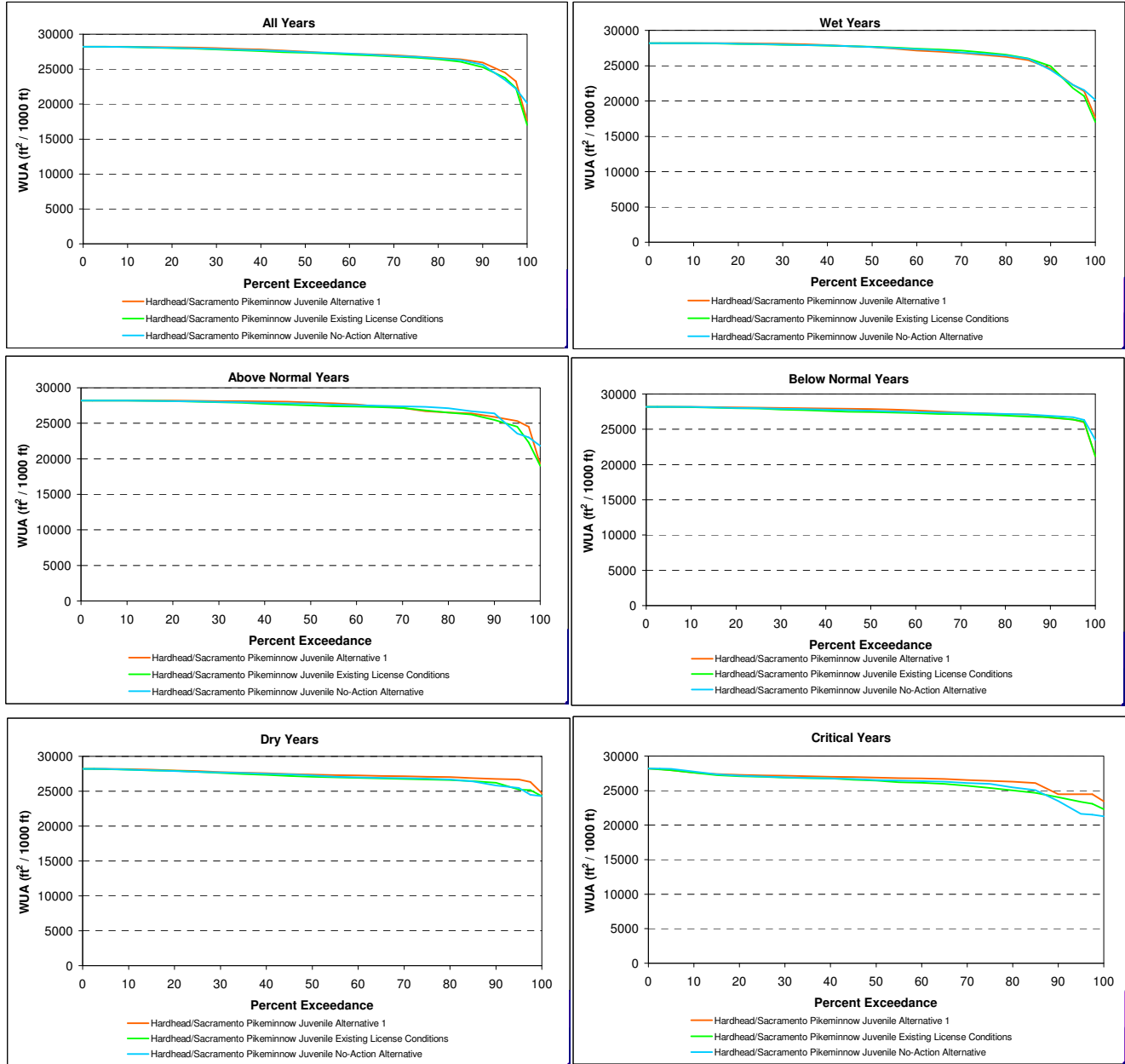


Figure C - 43. Middle Fork American River - MF26.2 Hardhead/Sacramento Pikeminnow Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 813.845 (Bottom of Reach).

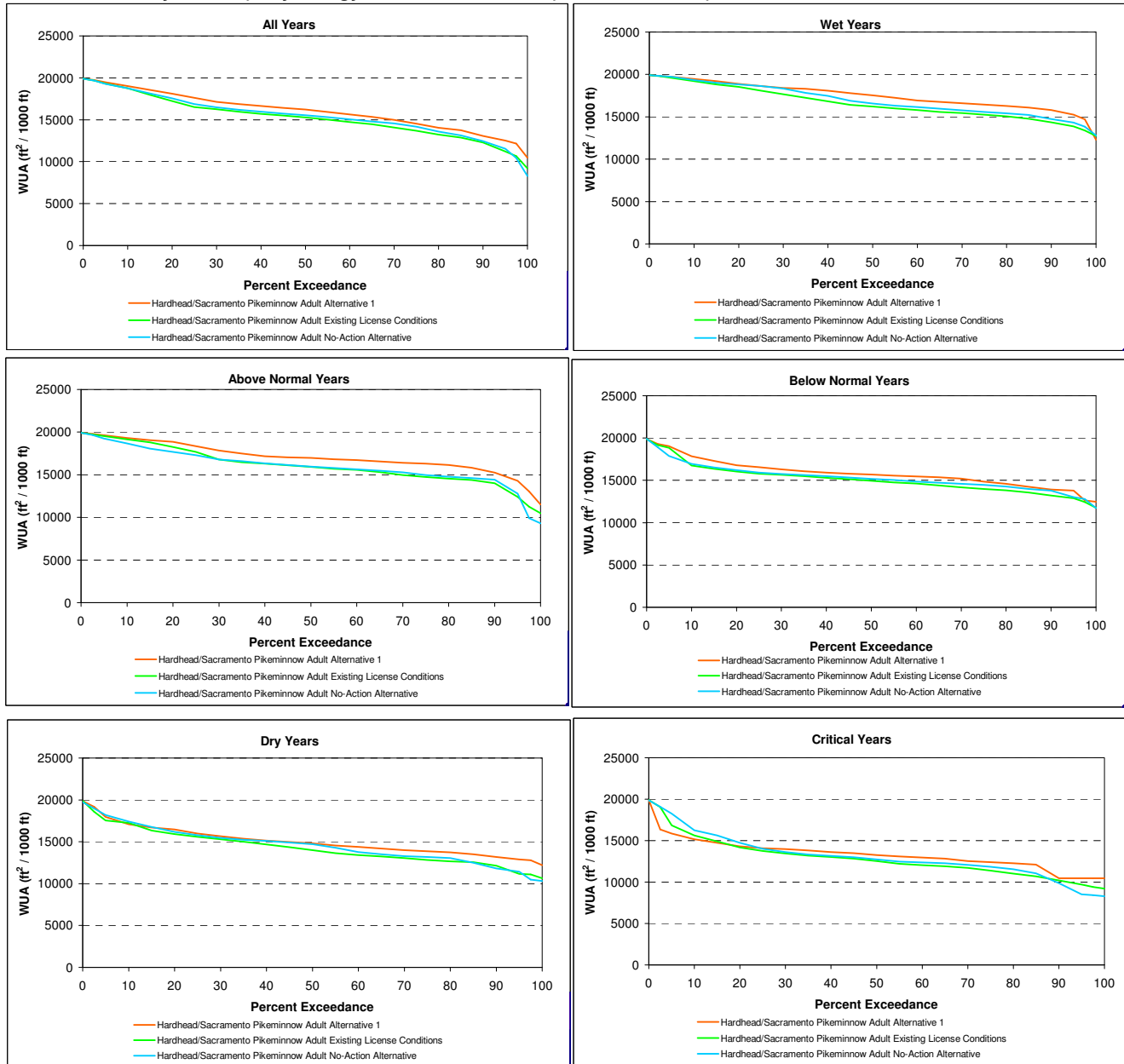


Figure C - 44. Middle Fork American River - MF26.2 Foothill Yellow-Legged Frog Tadpole Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 813.845 (Bottom of Reach).

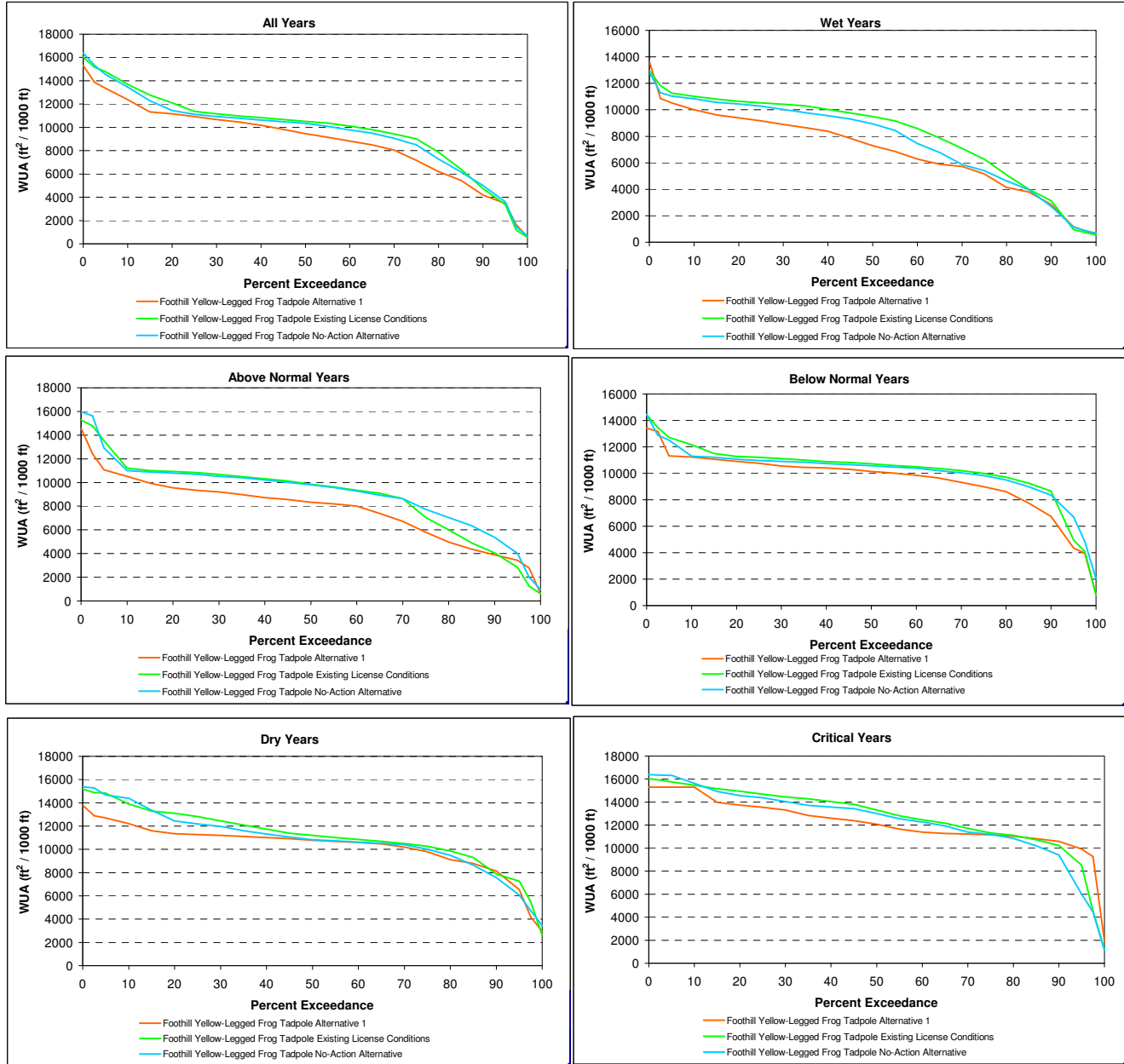


Figure C - 45. Rubicon River - R25.7 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 540.832 (Top of Reach).

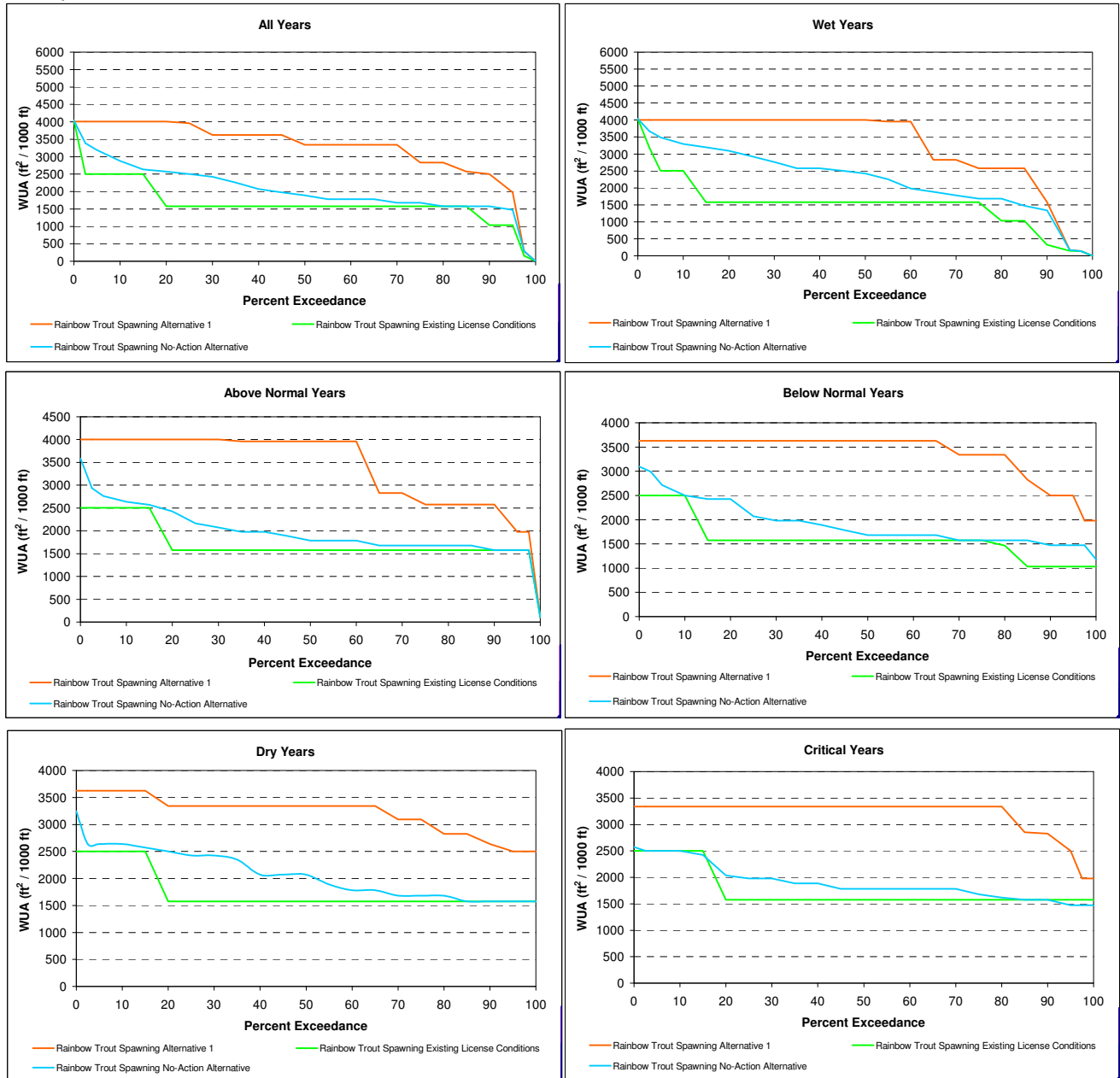


Figure C - 46. Rubicon River - R25.7 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 540.832 (Top of Reach).

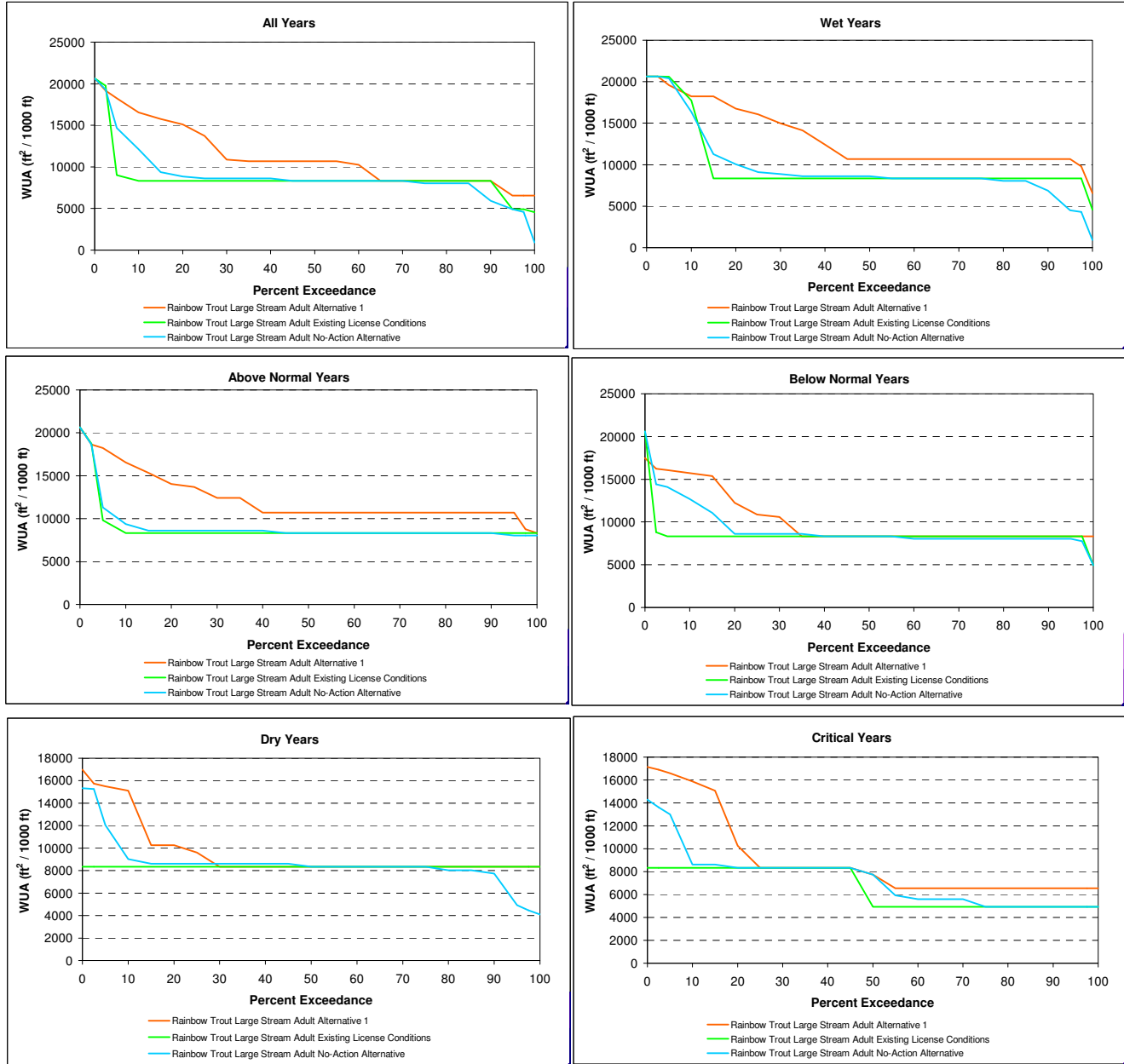


Figure C - 47. Rubicon River - R25.7 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 540.832 (Top of Reach).

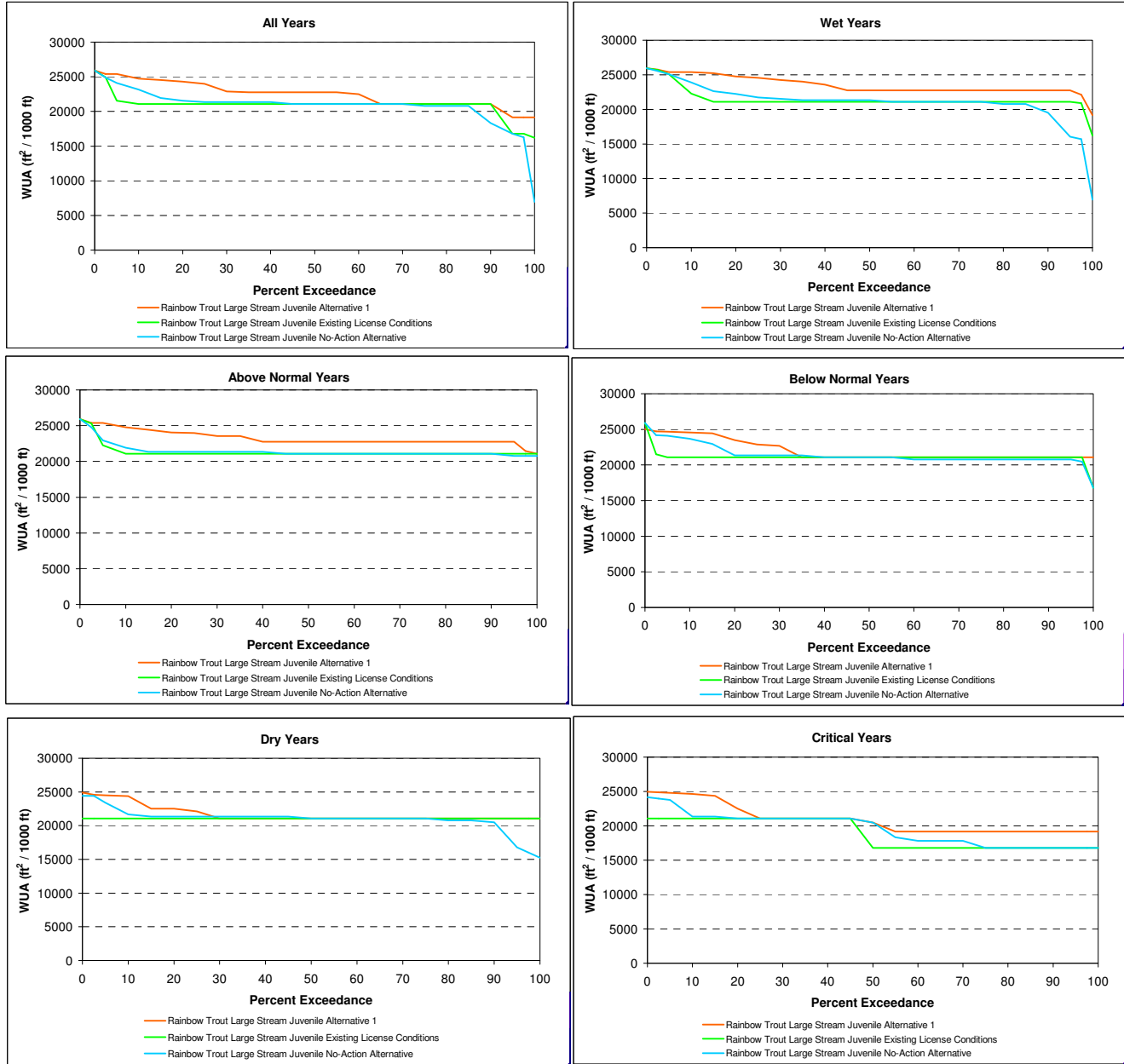


Figure C - 48. Rubicon River - R25.7 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 832.835 (Bottom of Reach).

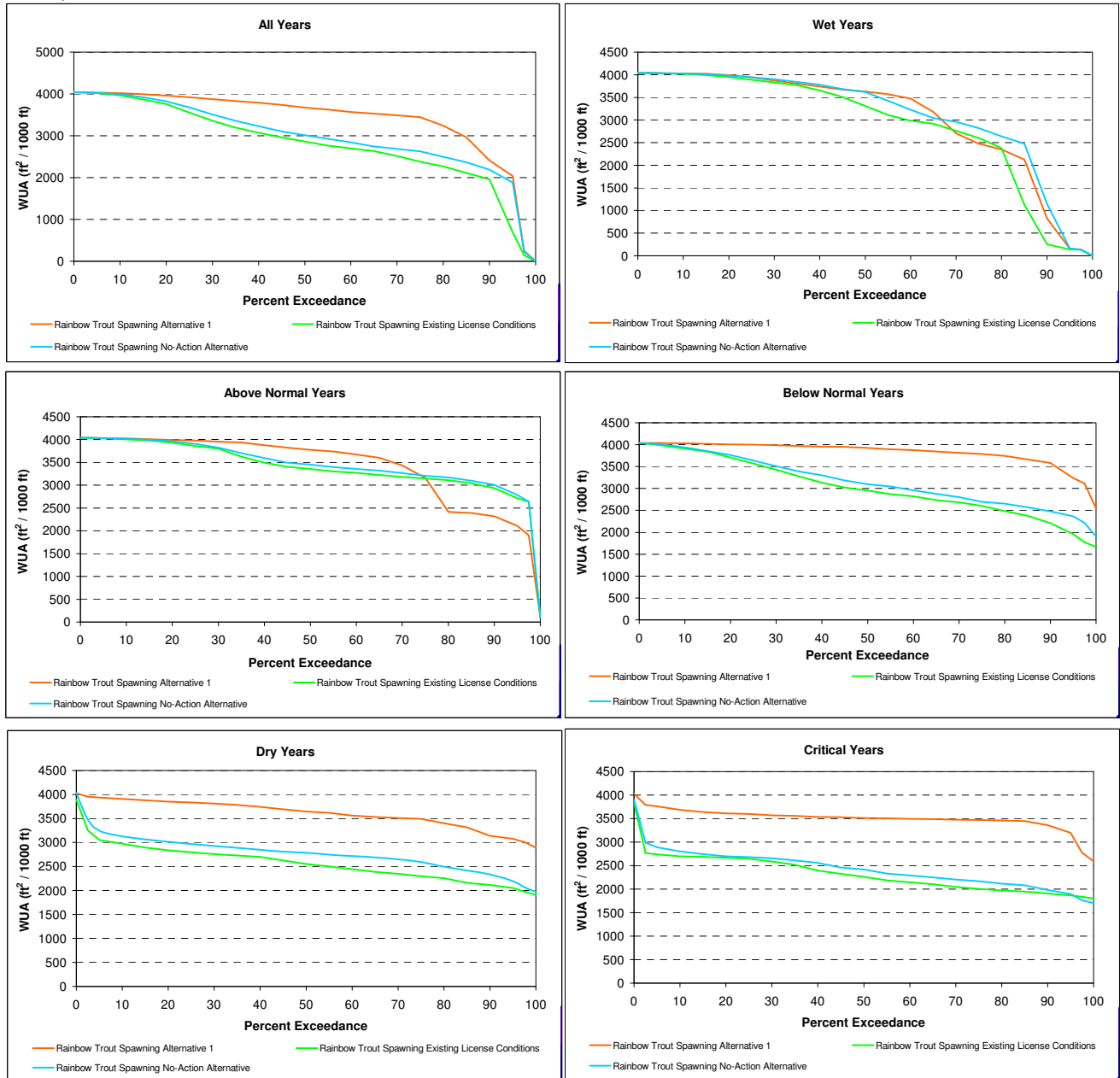


Figure C - 49. Rubicon River - R25.7 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 832.835 (Bottom of Reach).

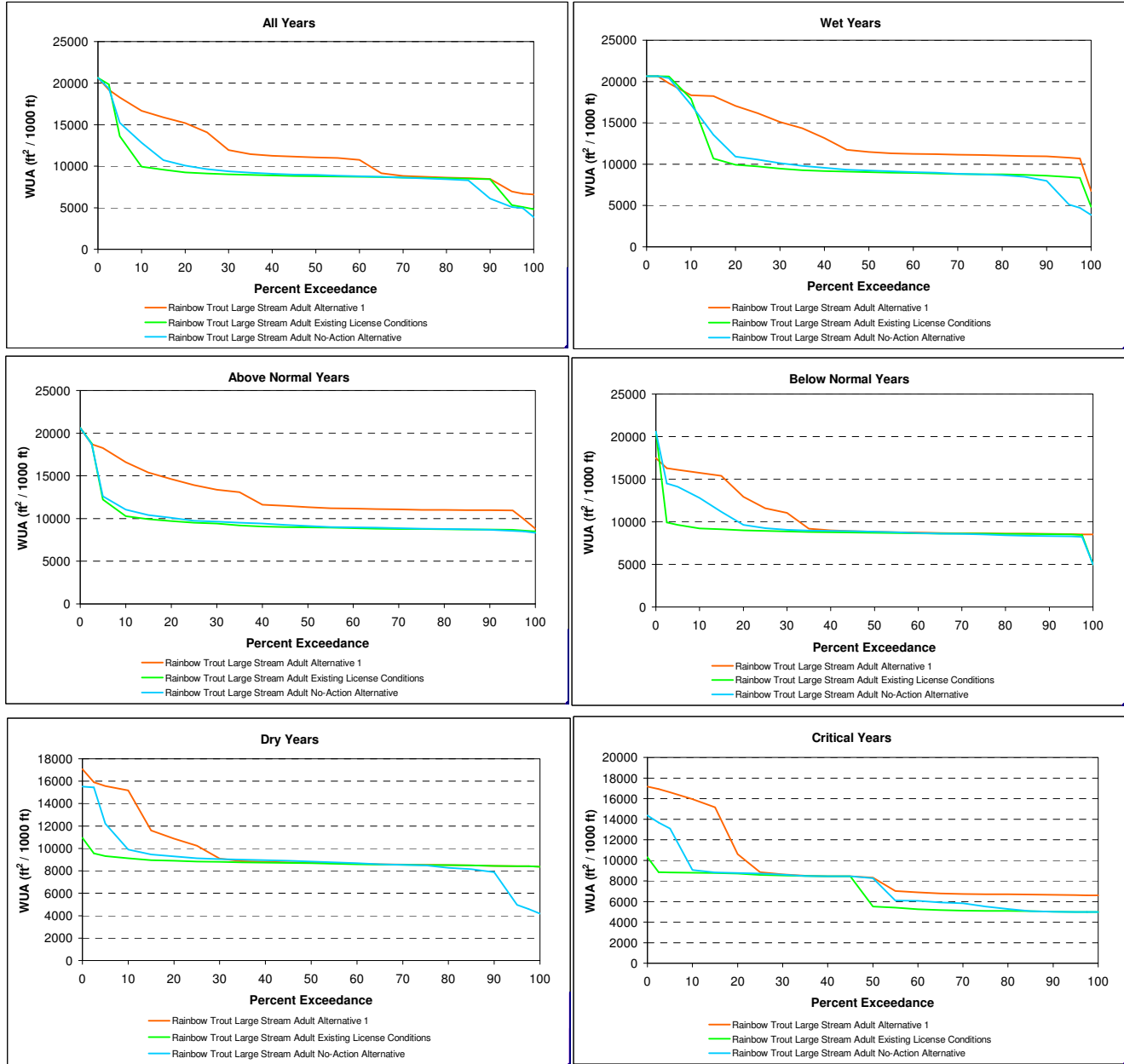


Figure C - 5. Duncan Creek - D6.3 Rainbow Trout Small Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 805.806 (Bottom of Reach).

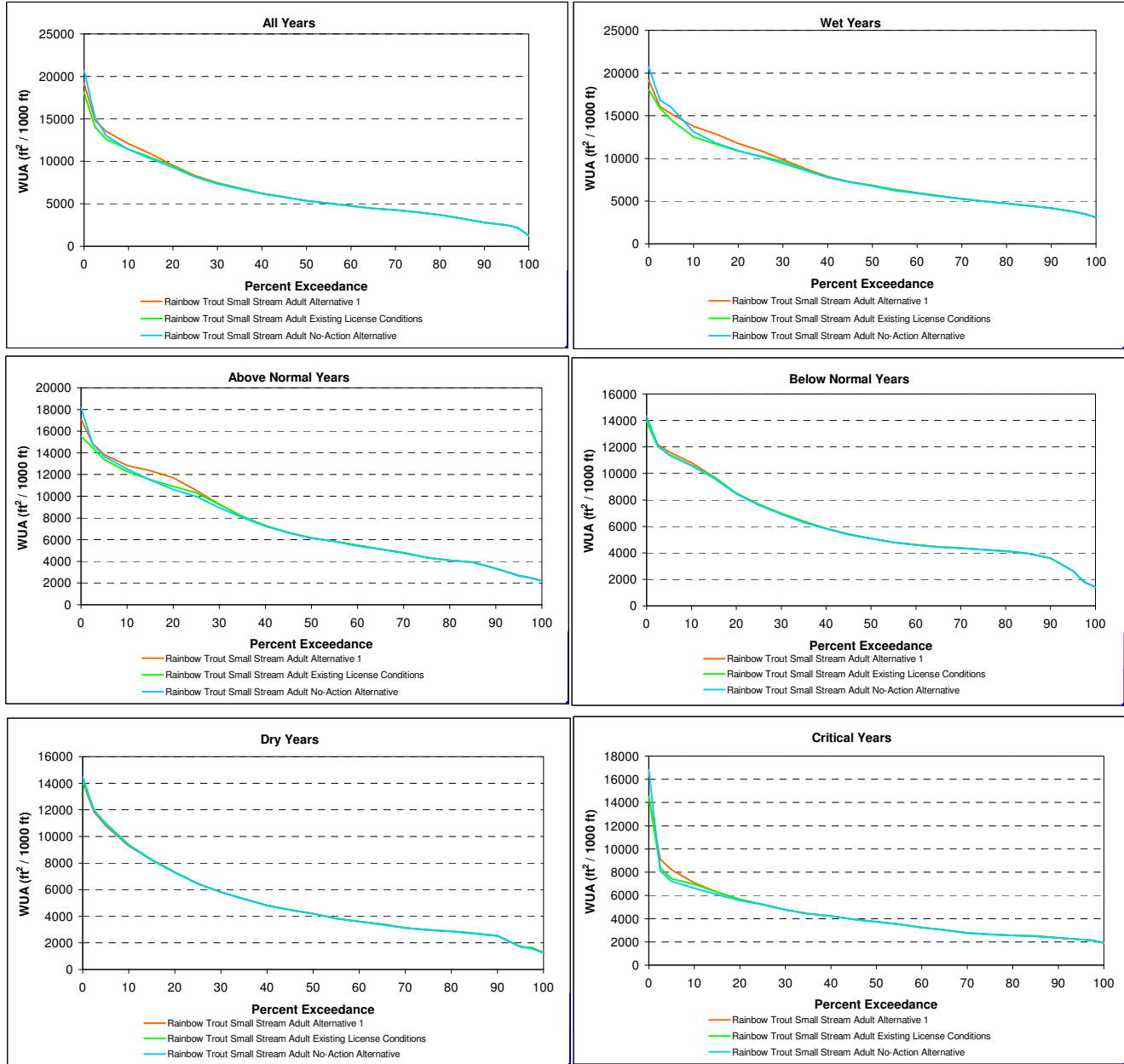


Figure C - 50. Rubicon River - R25.7 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 832.835 (Bottom of Reach).

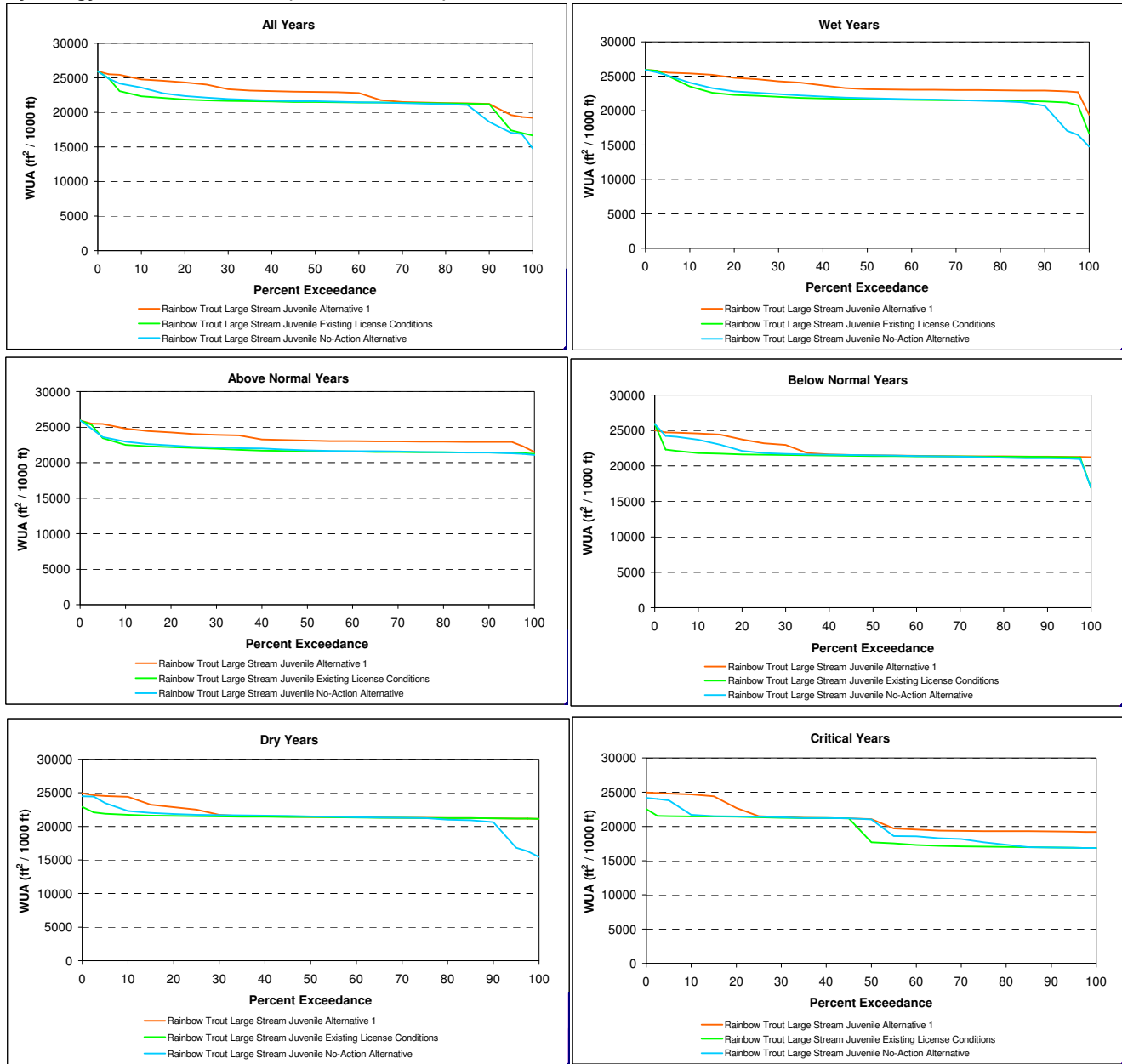


Figure C - 51. Rubicon River - R20.9 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 834.836 (Top of Reach).

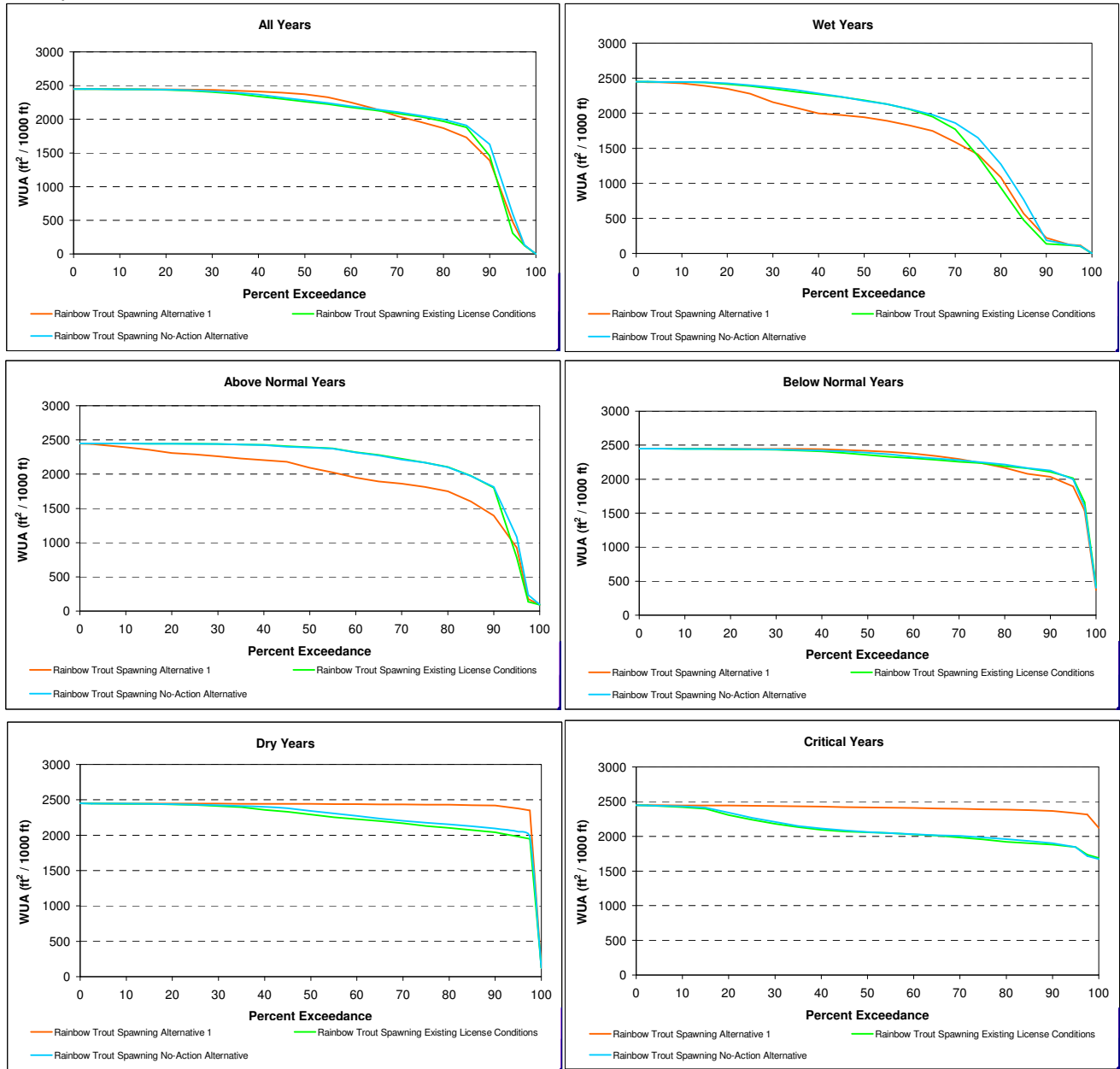


Figure C - 52. Rubicon River - R20.9 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 834.836 (Top of Reach).

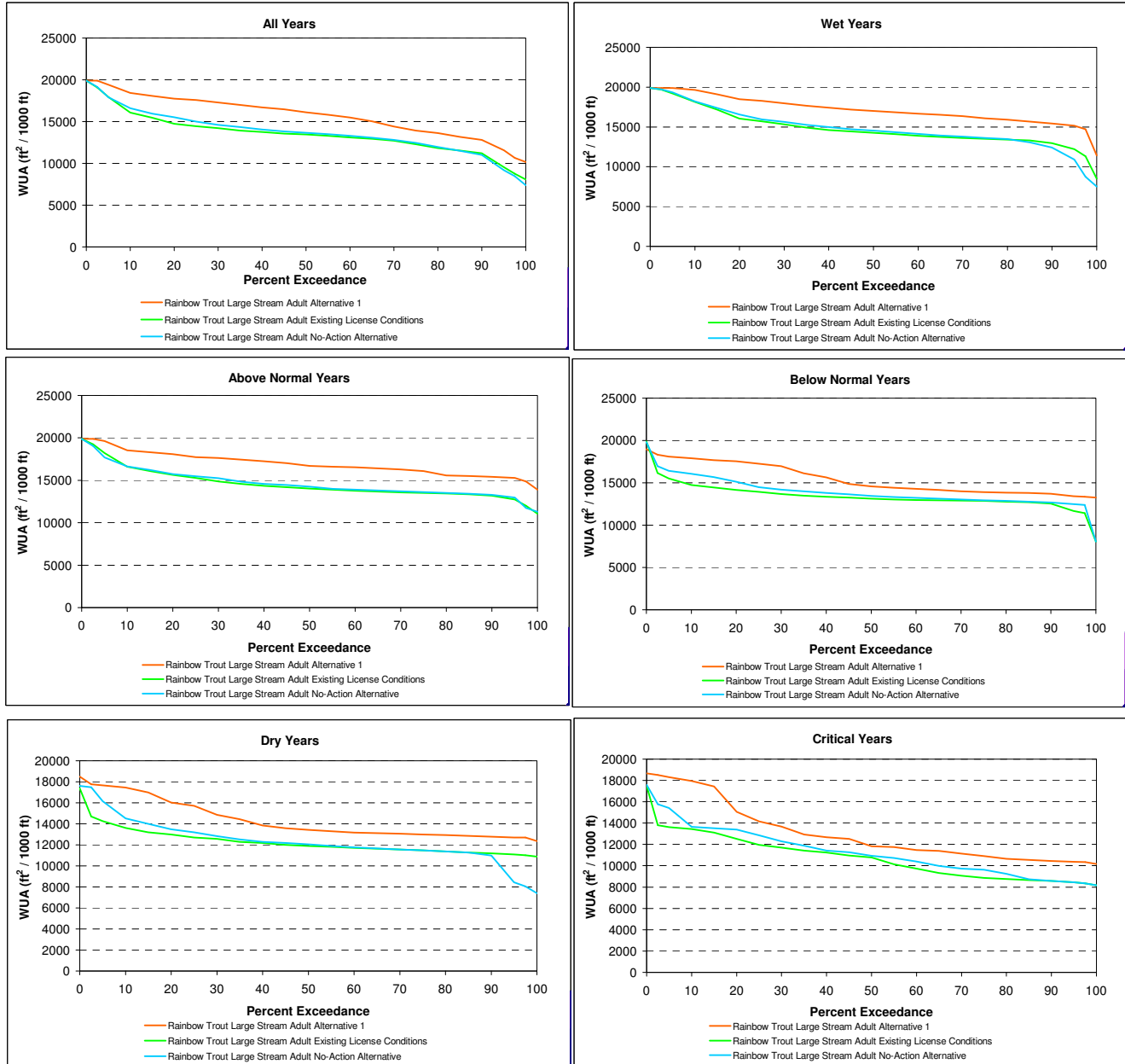


Figure C - 53. Rubicon River - R20.9 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 834.836 (Top of Reach).

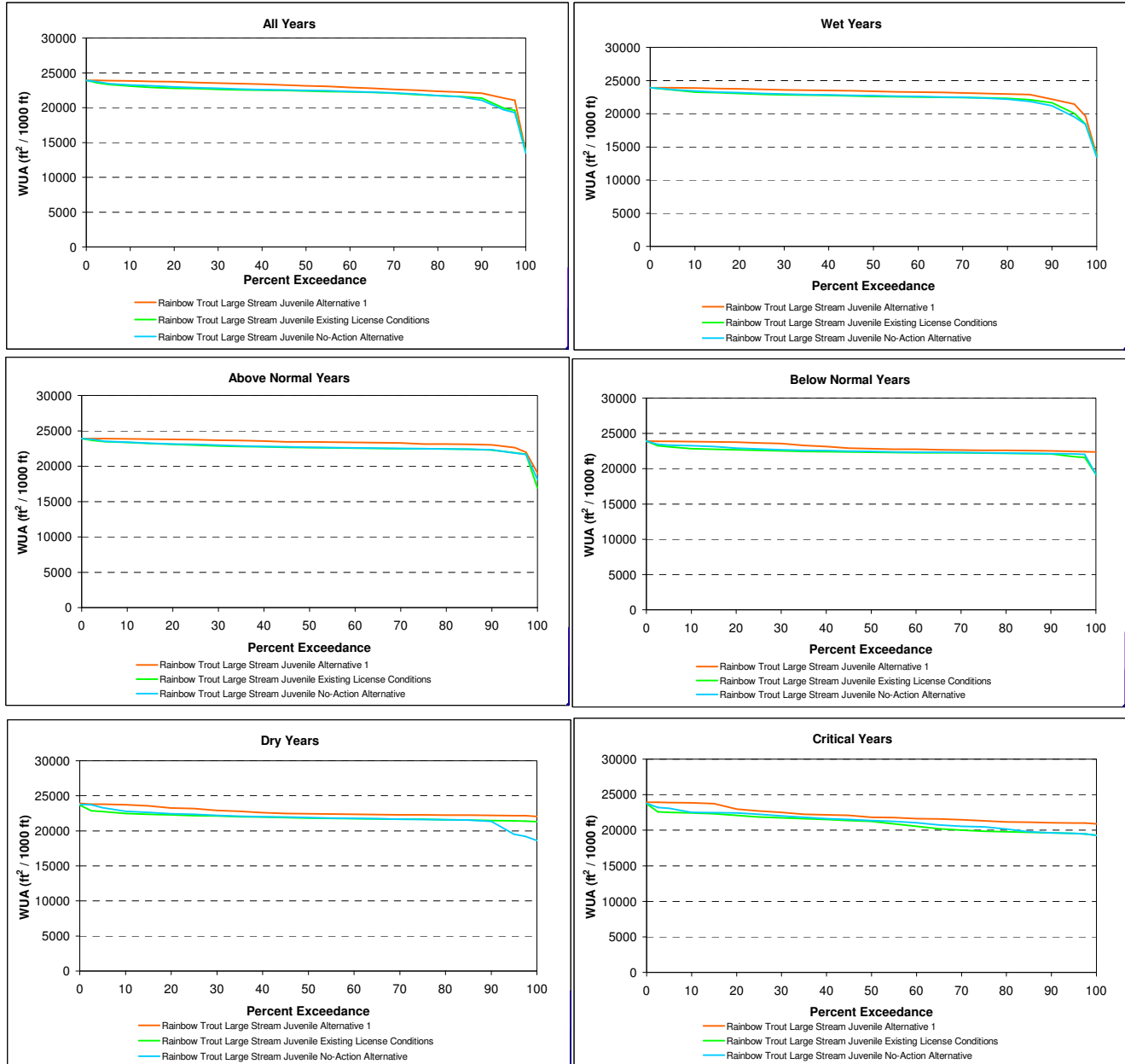


Figure C - 54. Rubicon River - R20.9 Hardhead/Sacramento Pikeminnow Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 834.836 (Top of Reach).

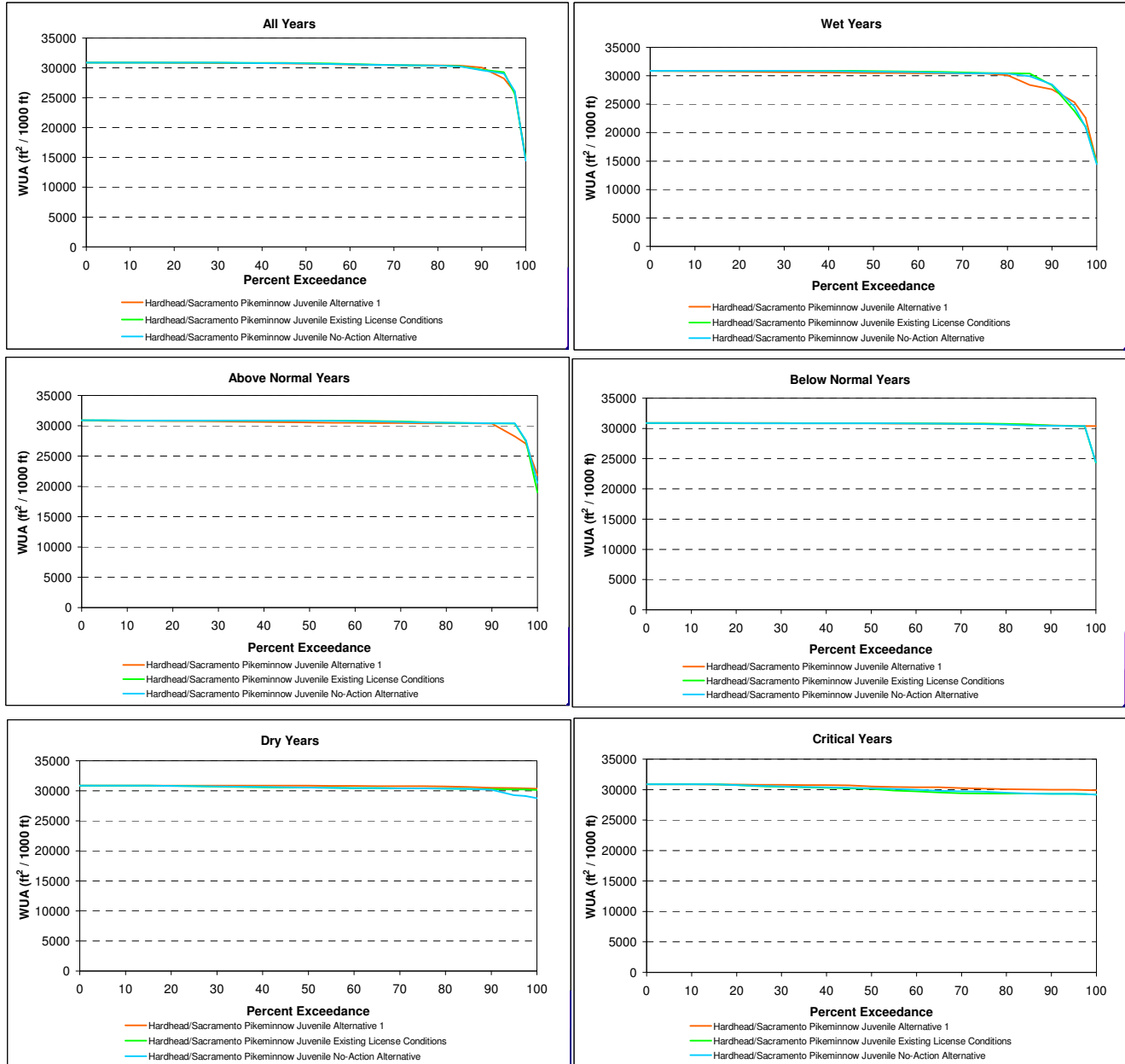


Figure C - 55. Rubicon River - R20.9 Hardhead/Sacramento Pikeminnow Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 834.836 (Top of Reach).

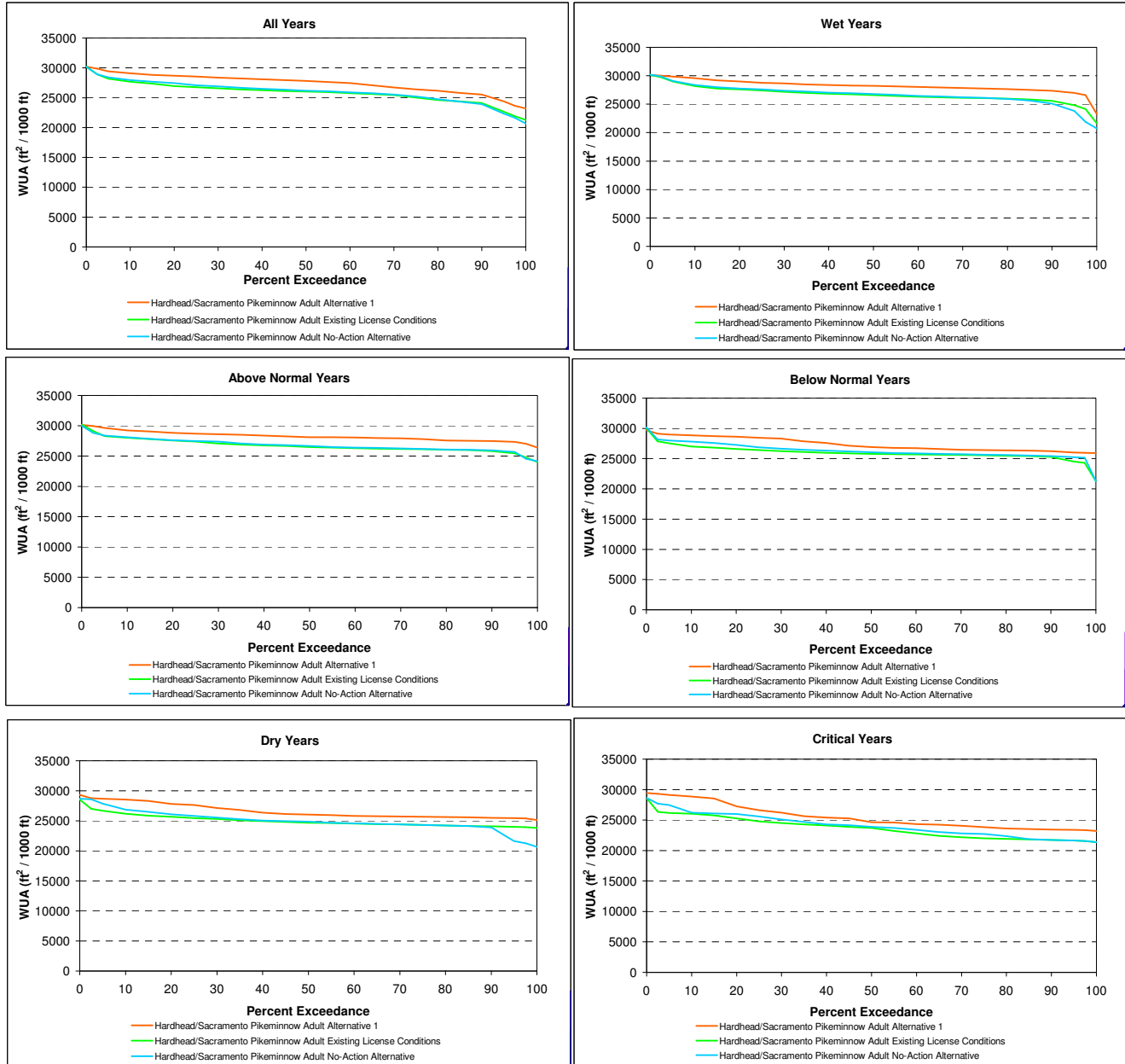


Figure C - 56. Rubicon River - 20.9 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critically Dry). Hydrology Model Node 840.842+842ACC (Bottom of Reach).

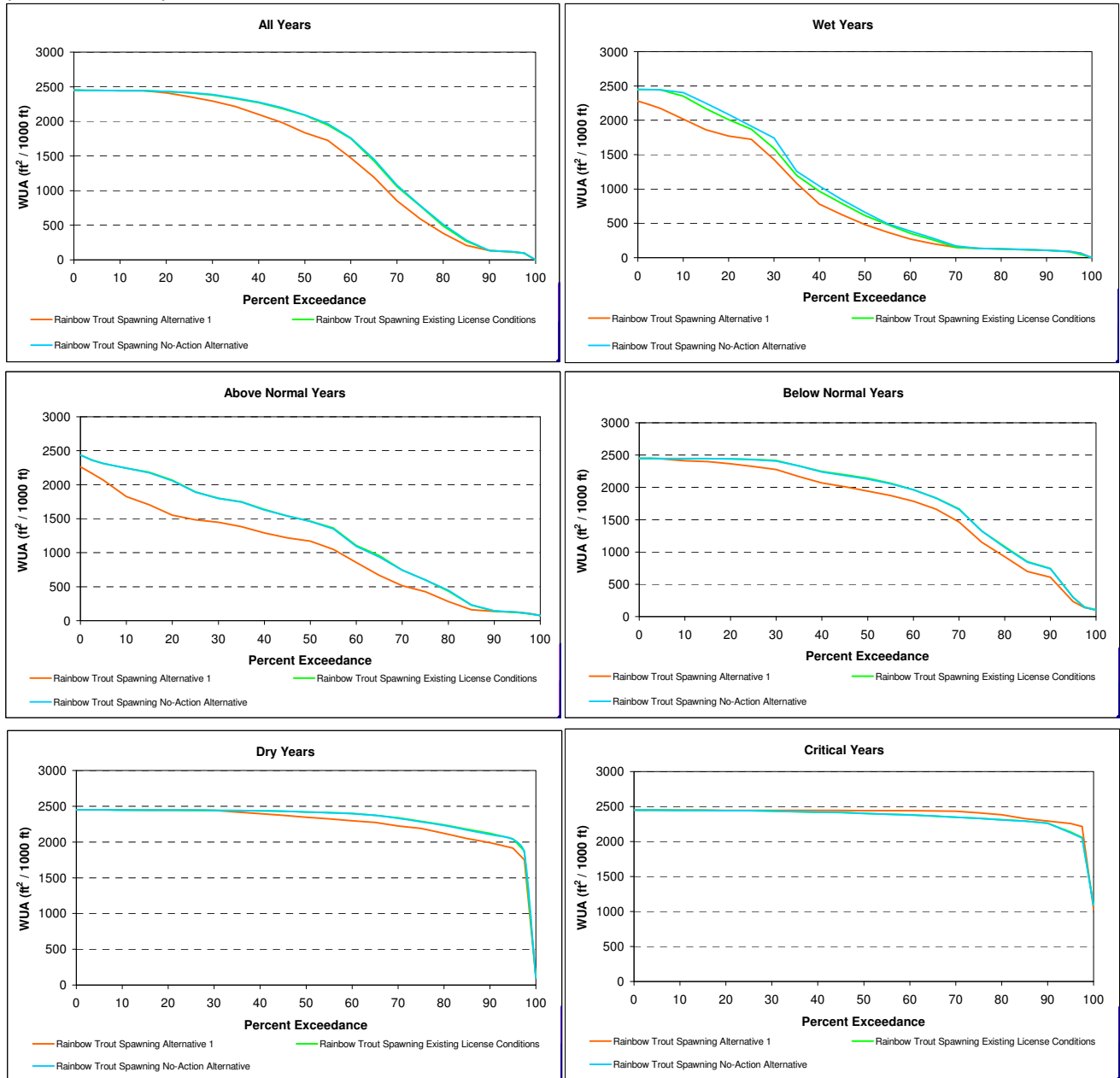


Figure C - 57. Rubicon River - 20.9 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critically Dry). Hydrology Model Node 840.842+842ACC (Bottom of Reach).

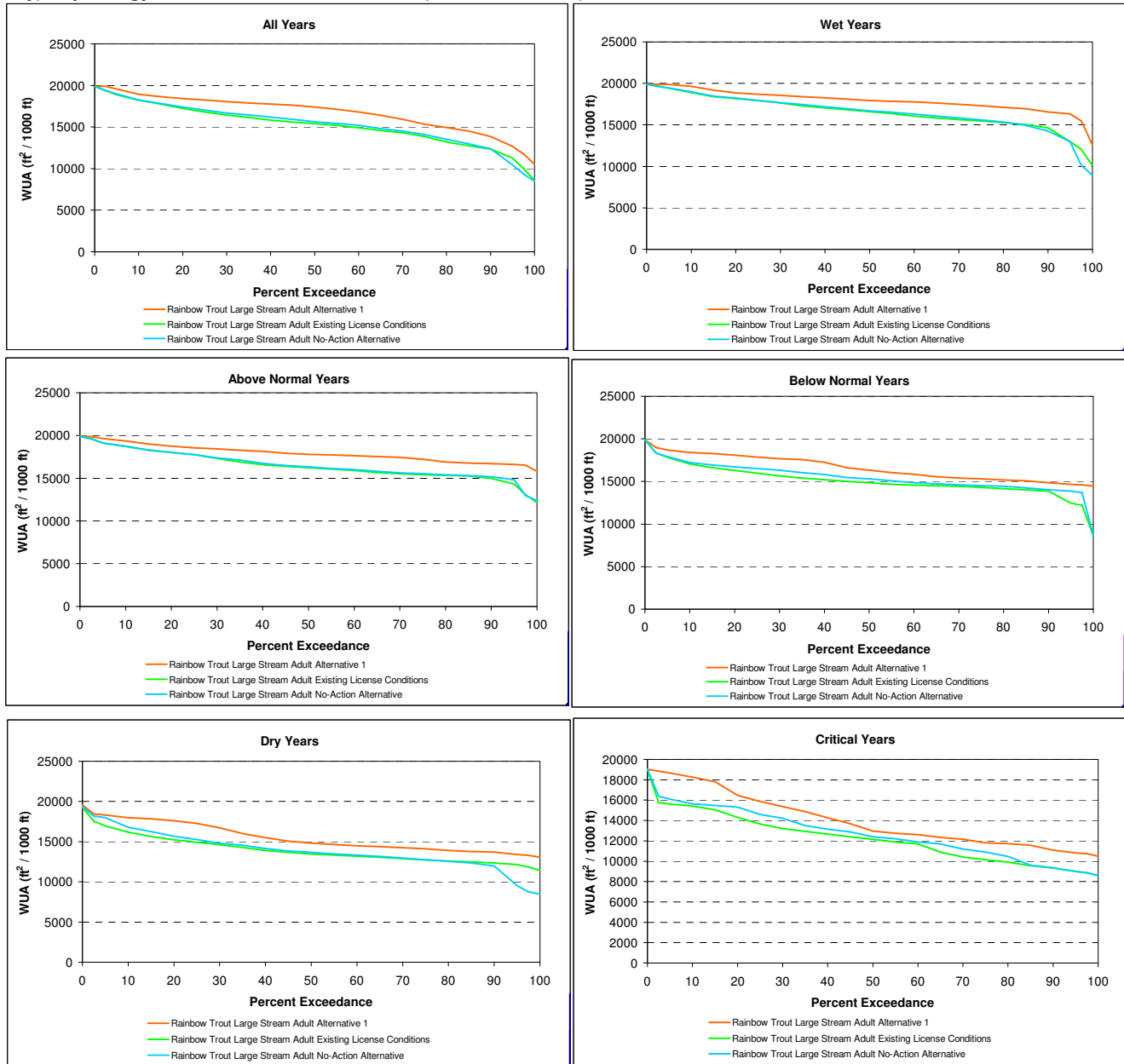


Figure C - 58. Rubicon River - 20.9 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critically Dry). Hydrology Model Node 840.842+842ACC (Bottom of Reach).

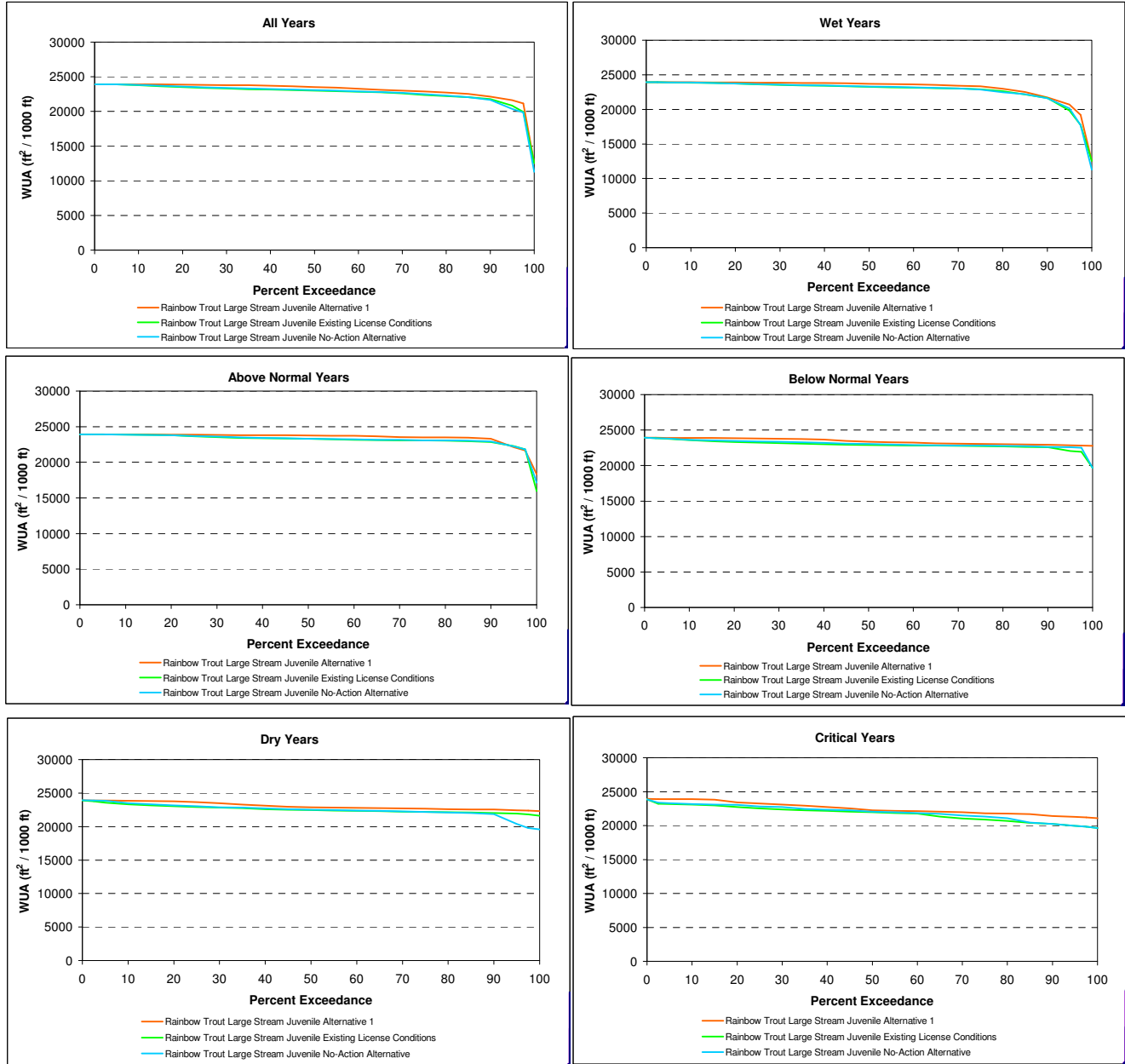


Figure C - 59. Rubicon River - 20.9 Hardhead/Sacramento Pikeminnow Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critically Dry). Hydrology Model Node 840.842+842ACC (Bottom of Reach).

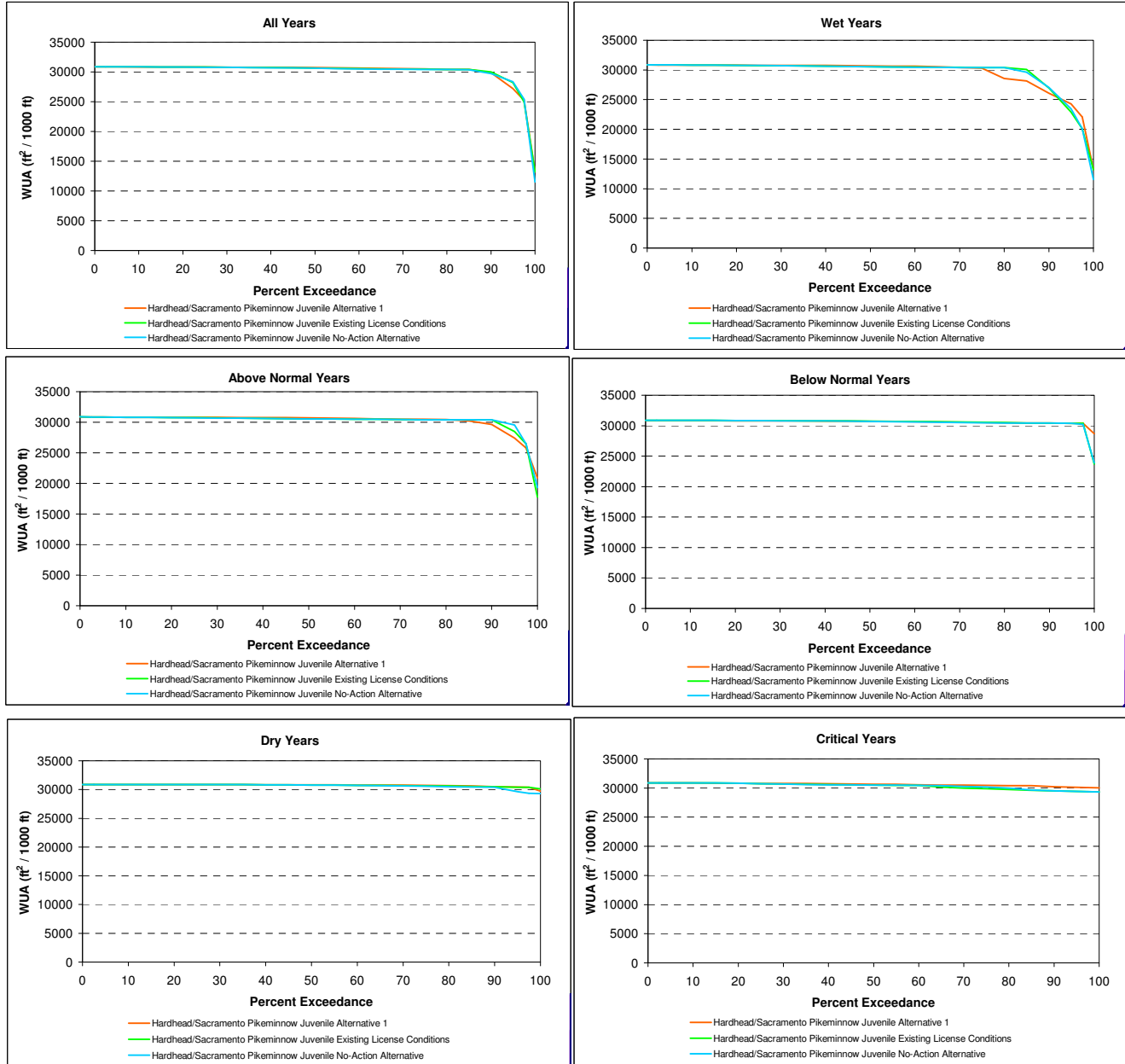


Figure C - 6. Duncan Creek - D6.3 Rainbow Trout Small Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 805.806 (Bottom of Reach).

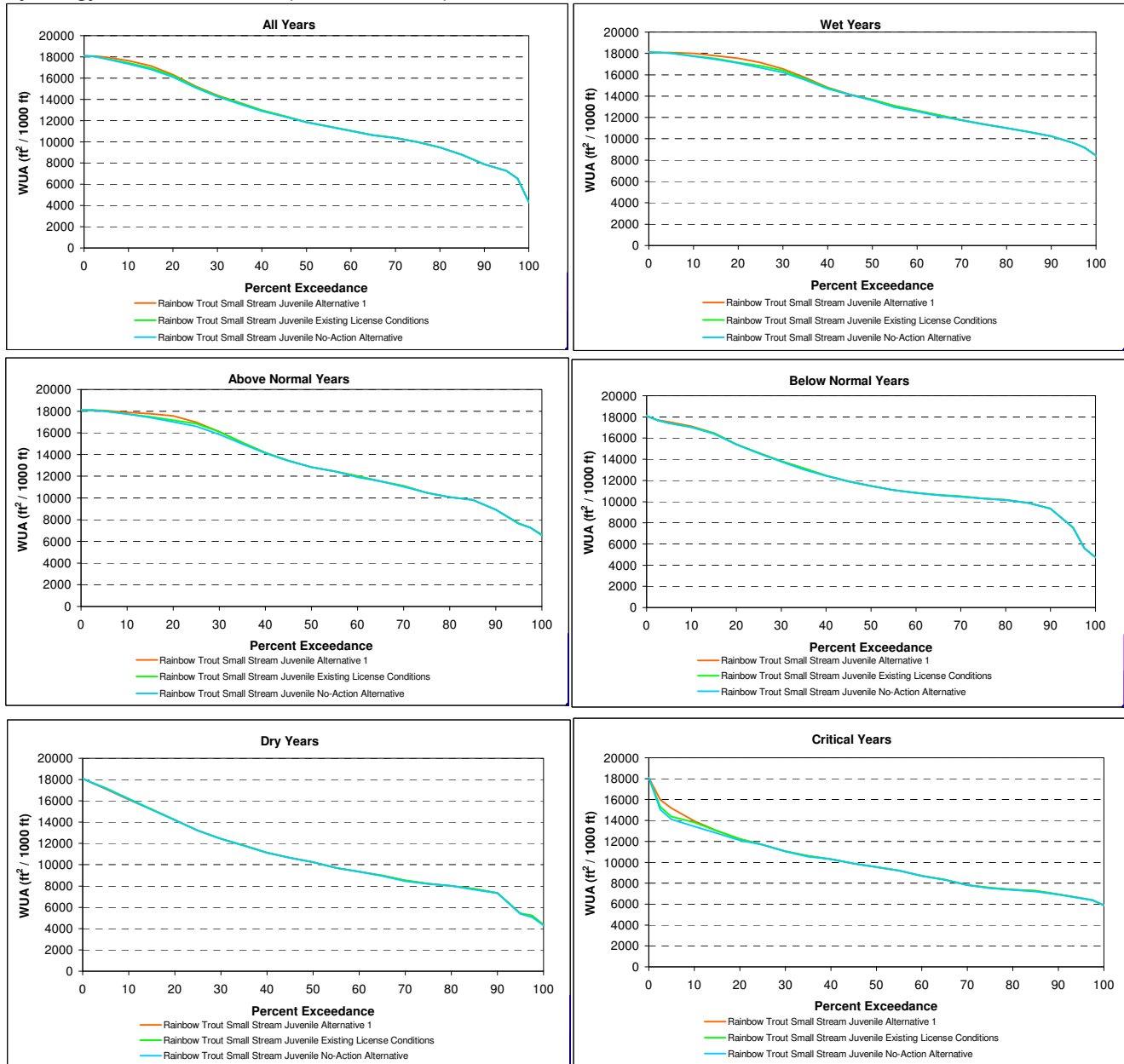


Figure C - 60. Rubicon River - 20.9 Hardhead/Sacramento Pikeminnow Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critically Dry). Hydrology Model Node 840.842+842ACC (Bottom of Reach).

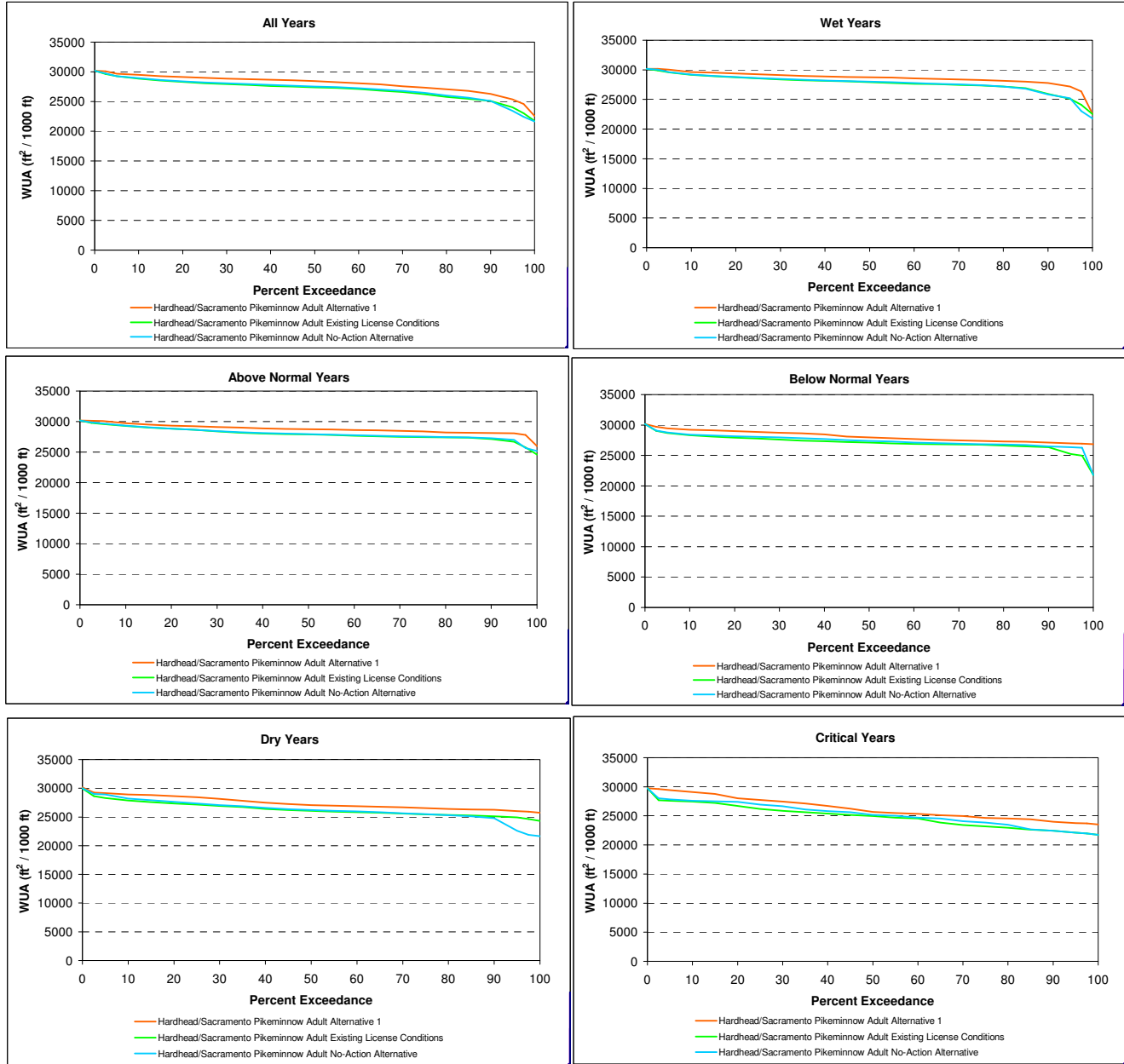


Figure C - 61. Rubicon River - R3.5 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815 (Top of Reach).

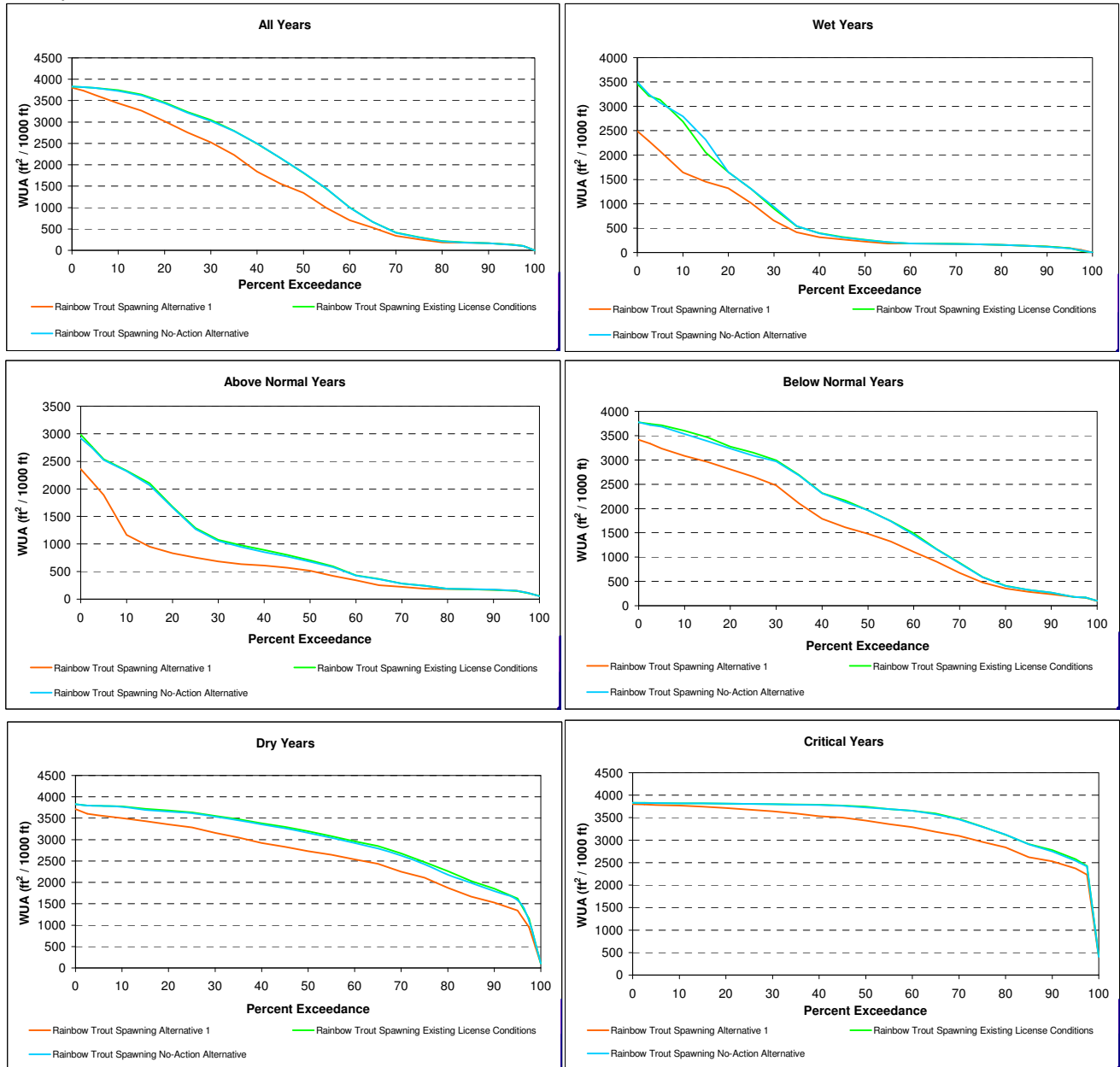


Figure C - 62. Rubicon River - R3.5 Foothill Yellow-Legged Frog Breeding Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815 (Top of Reach).

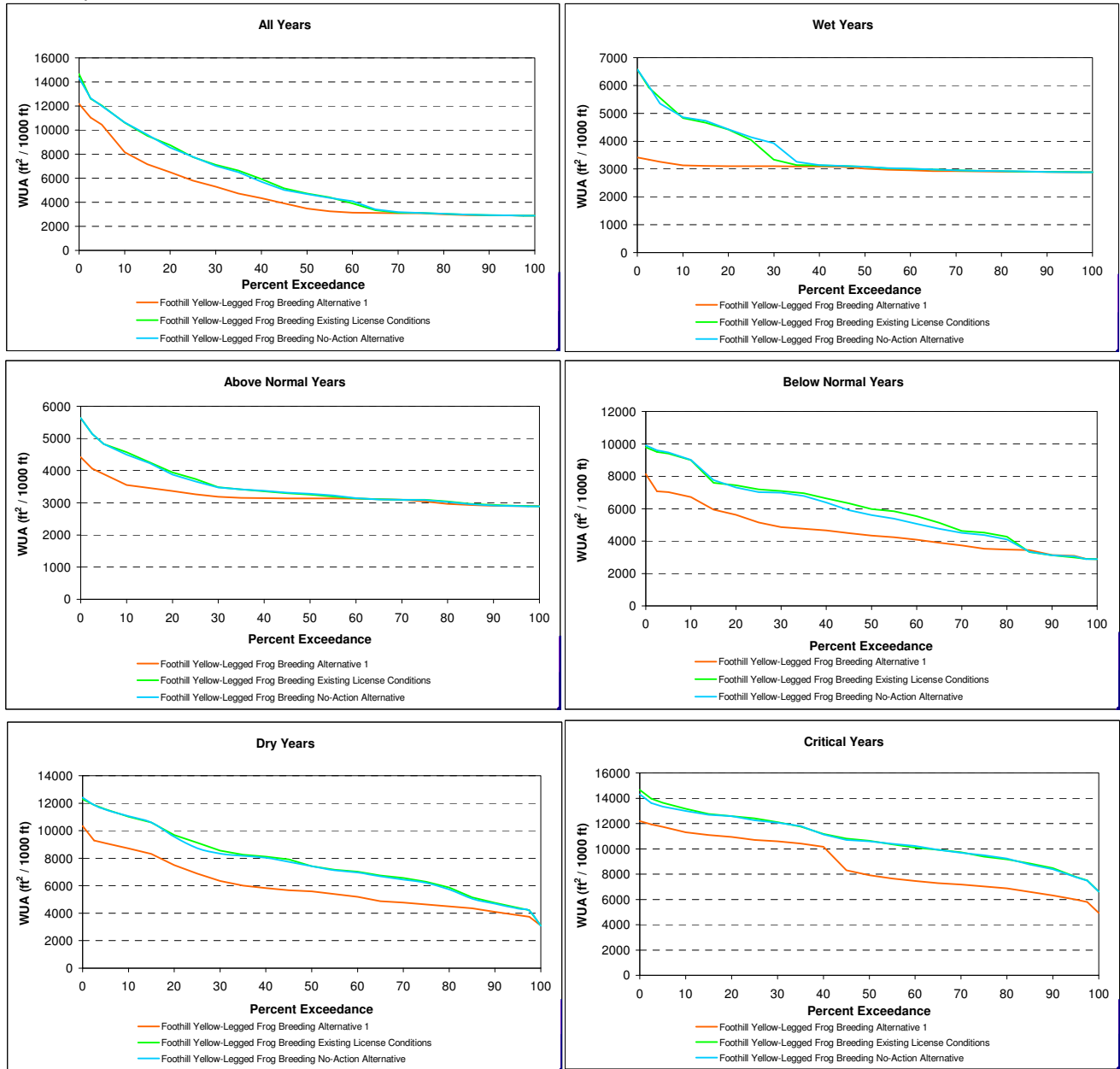


Figure C - 63. Rubicon River - R3.5 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815 (Top of Reach).

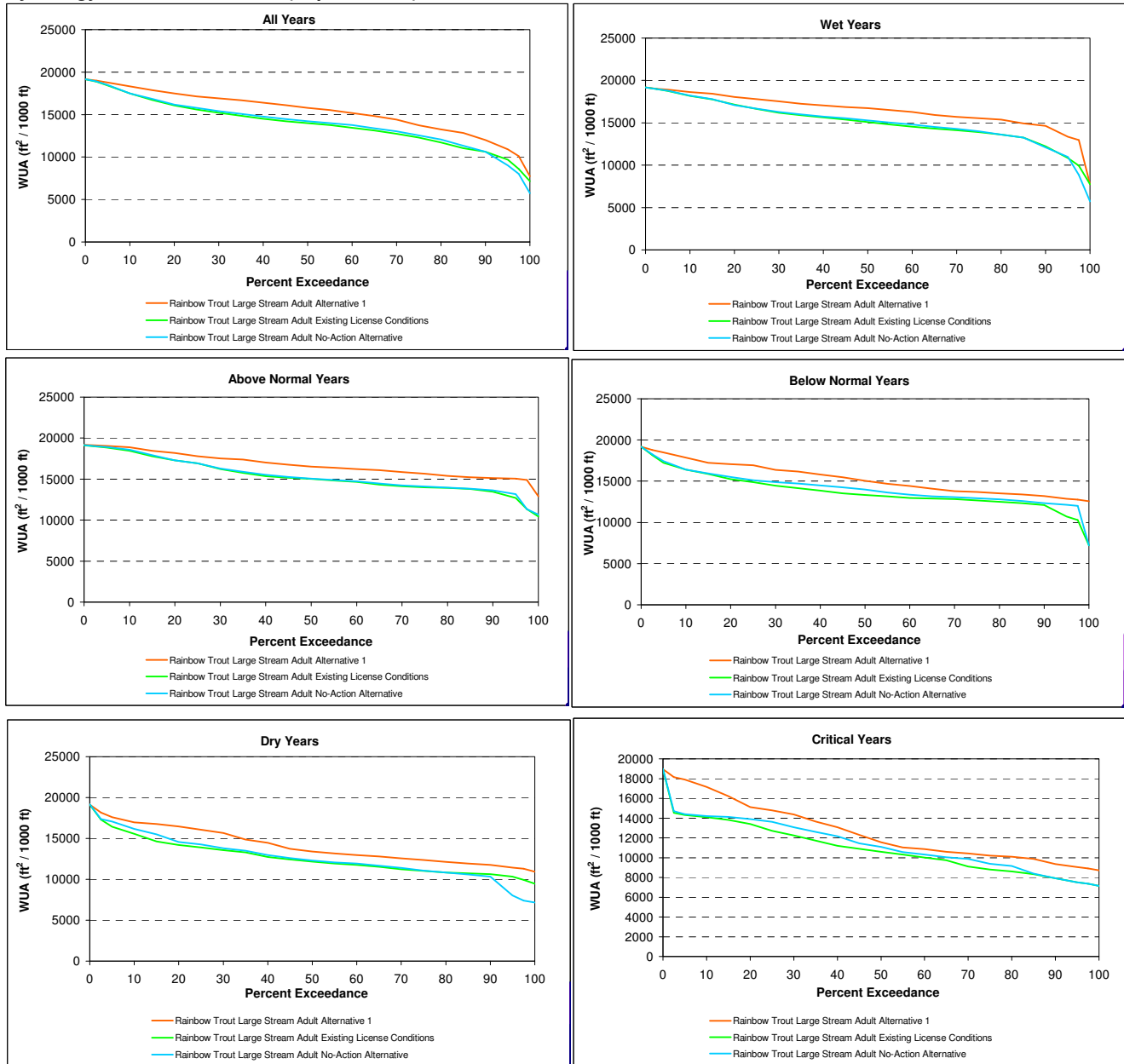


Figure C - 64. Rubicon River - R3.5 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815 (Top of Reach).

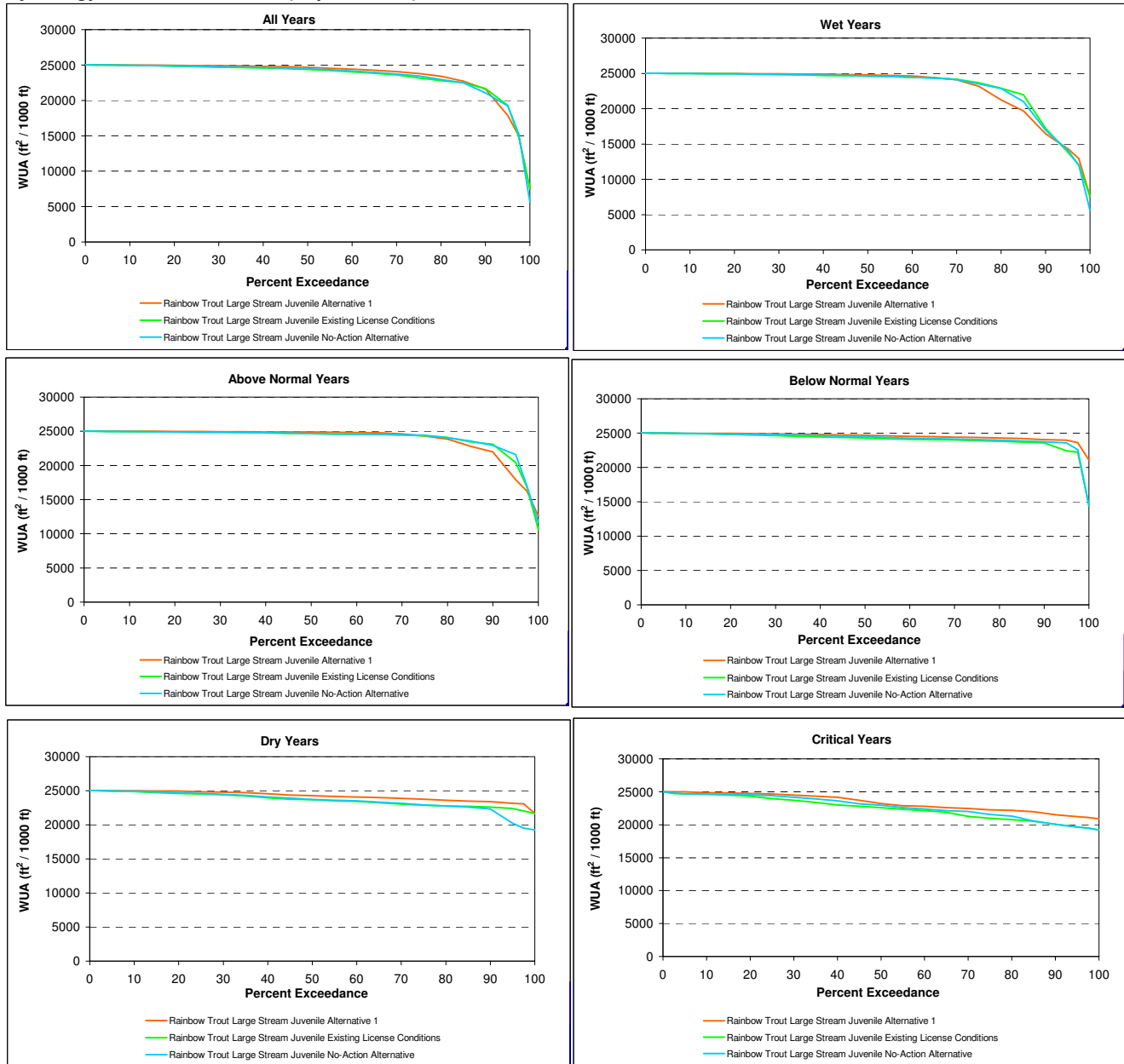


Figure C - 65. Rubicon River - R3.5 Hardhead/Sacramento Pikeminnow Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815 (Top of Reach).

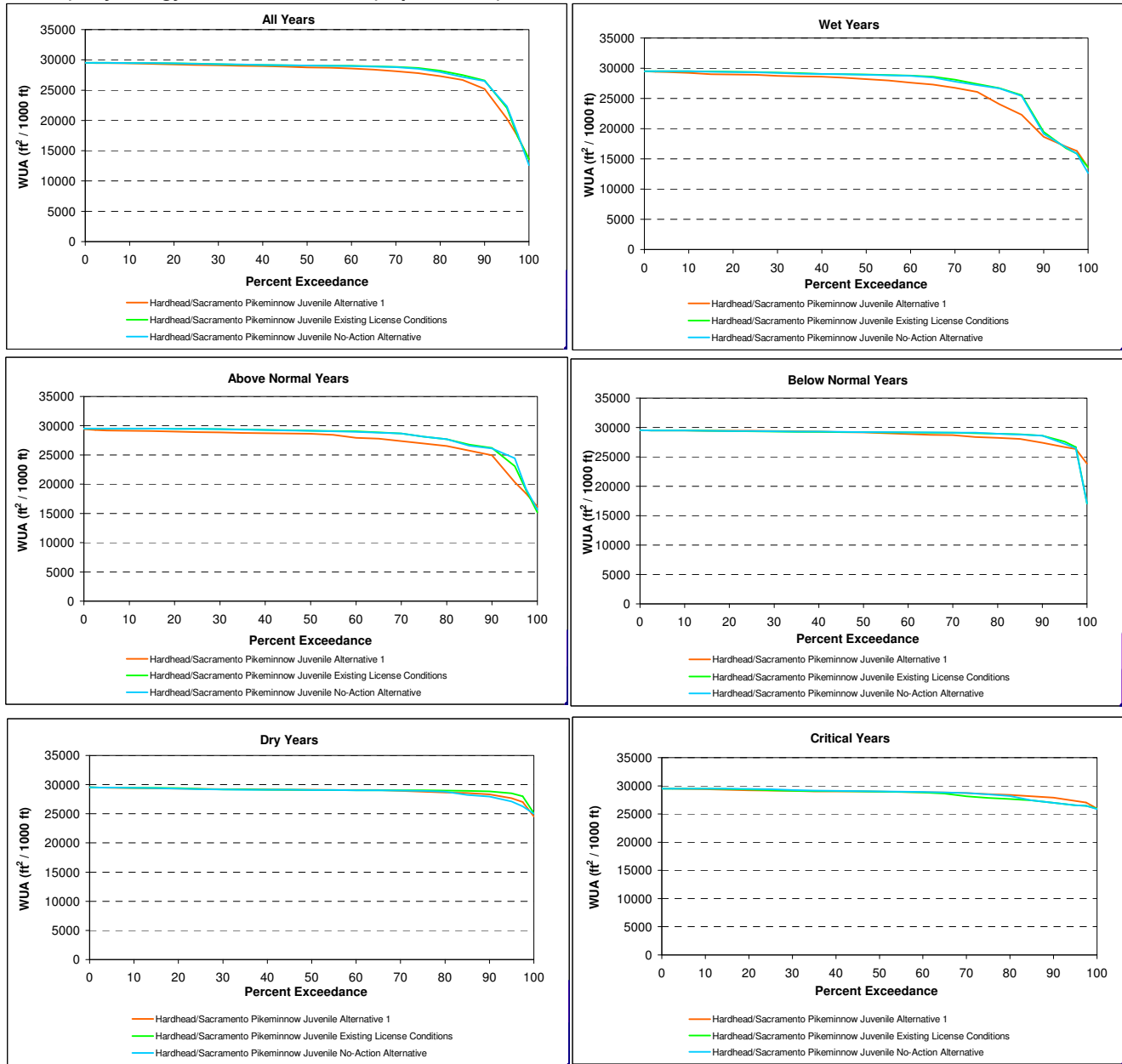


Figure C - 66. Rubicon River - R3.5 Hardhead/Sacramento Pikeminnow Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815 (Top of Reach).

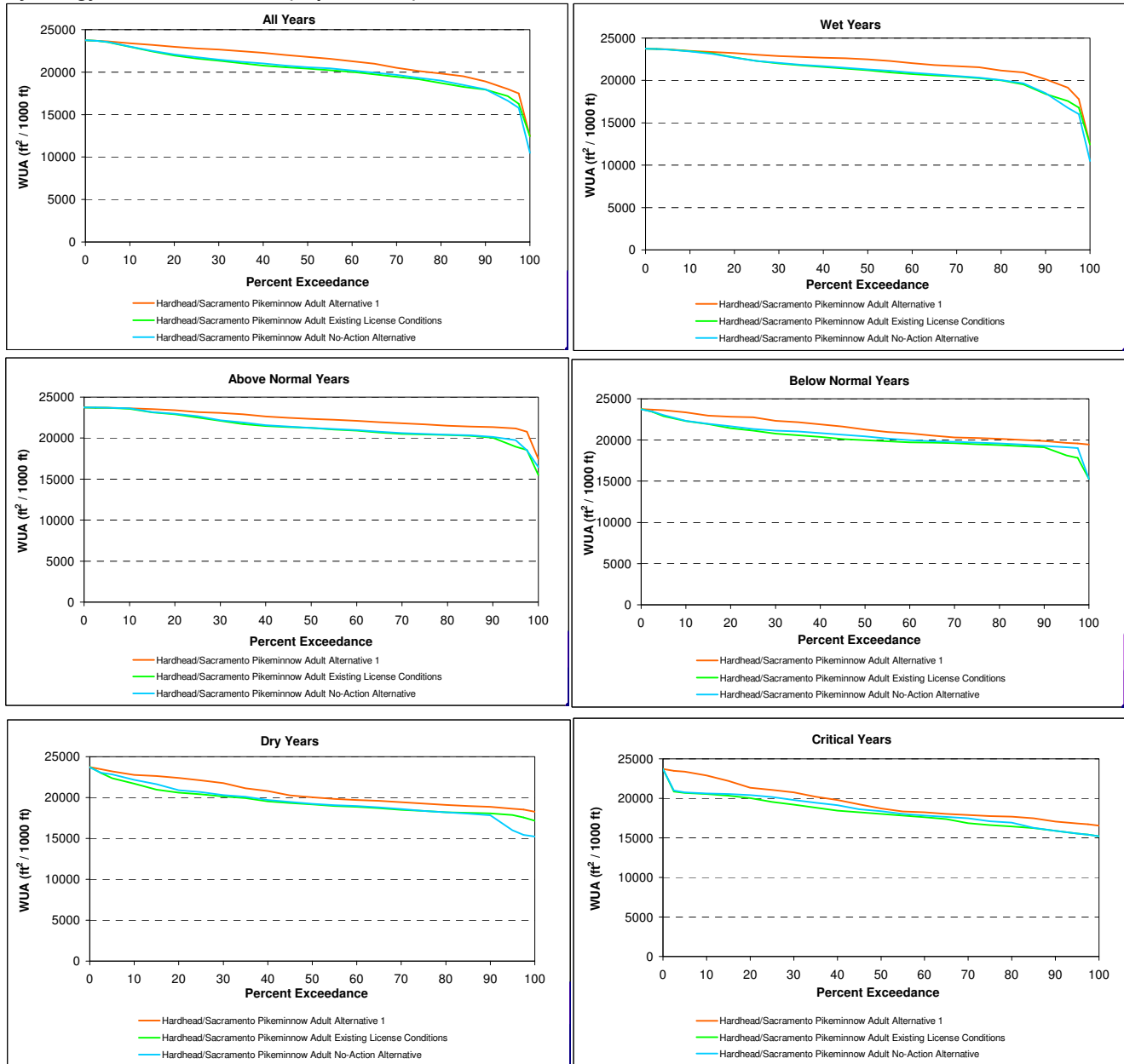


Figure C - 67. Rubicon River - R3.5 Foothill Yellow-Legged Frog Tadpole Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815 (Top of Reach).

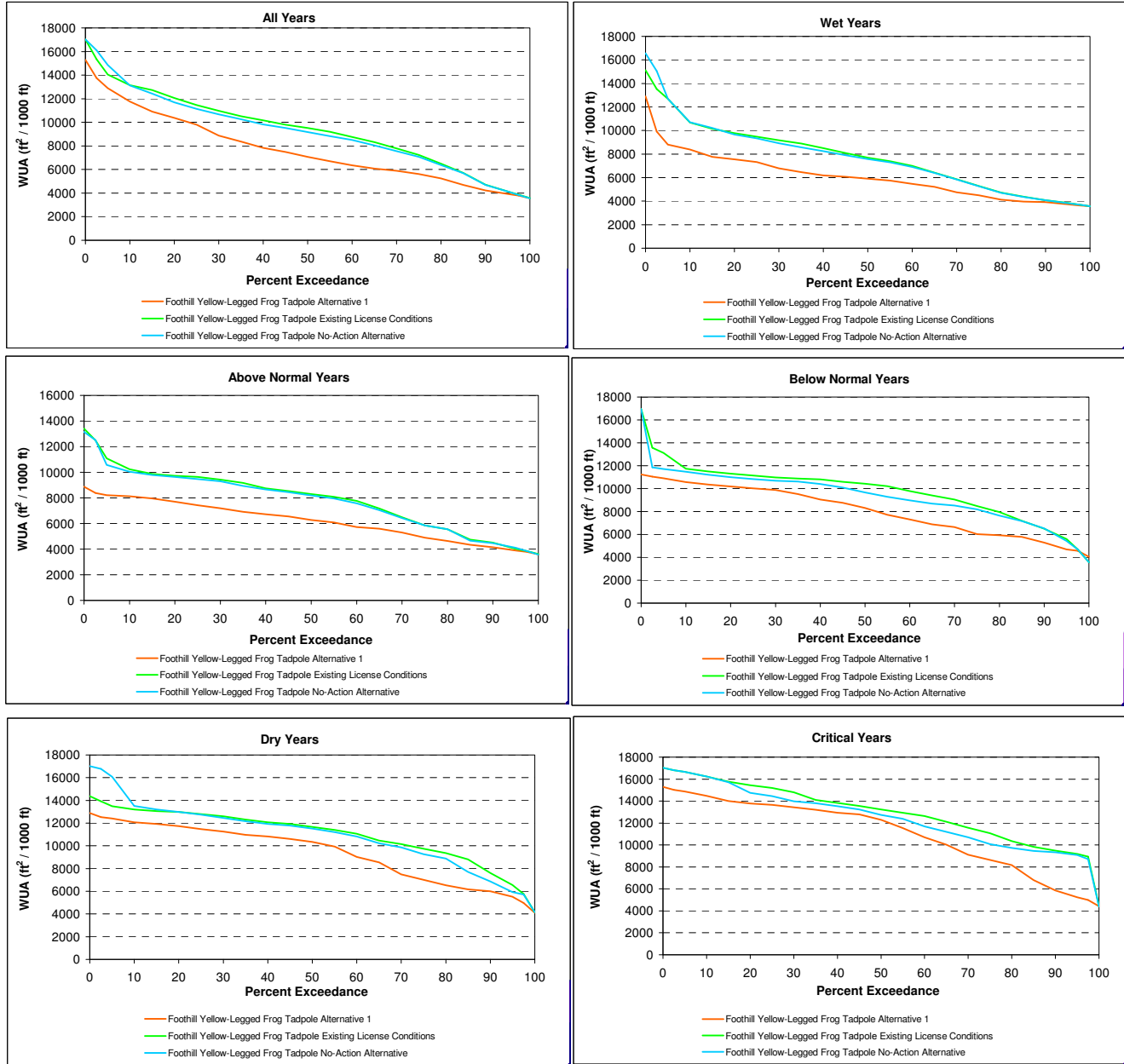


Figure C - 68. Rubicon River - R3.5 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815+815ACC (Bottom of Reach).

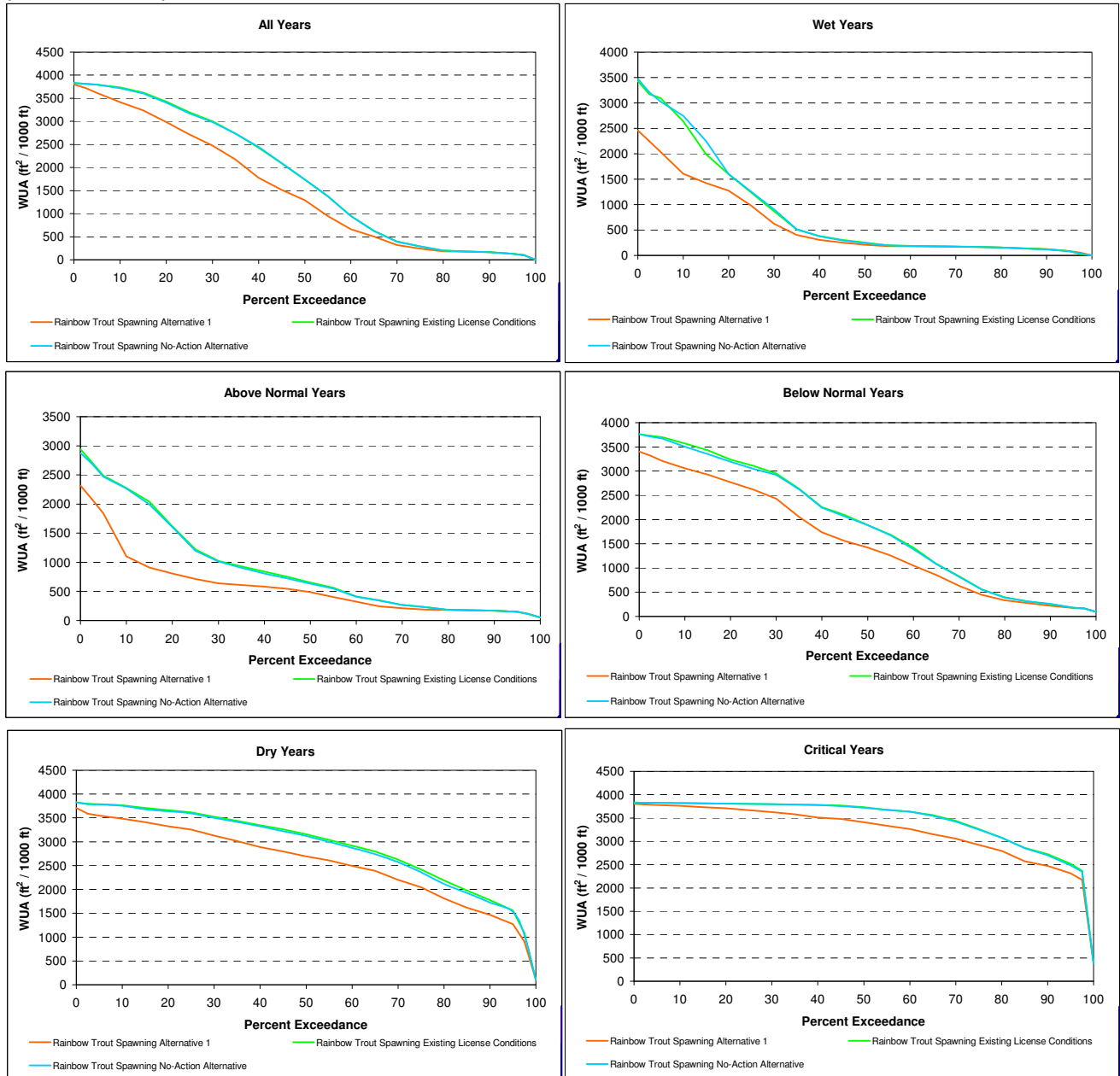


Figure C - 69. Rubicon River - R3.5 Foothill Yellow-Legged Frog Breeding Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815+815ACC (Bottom of Reach).

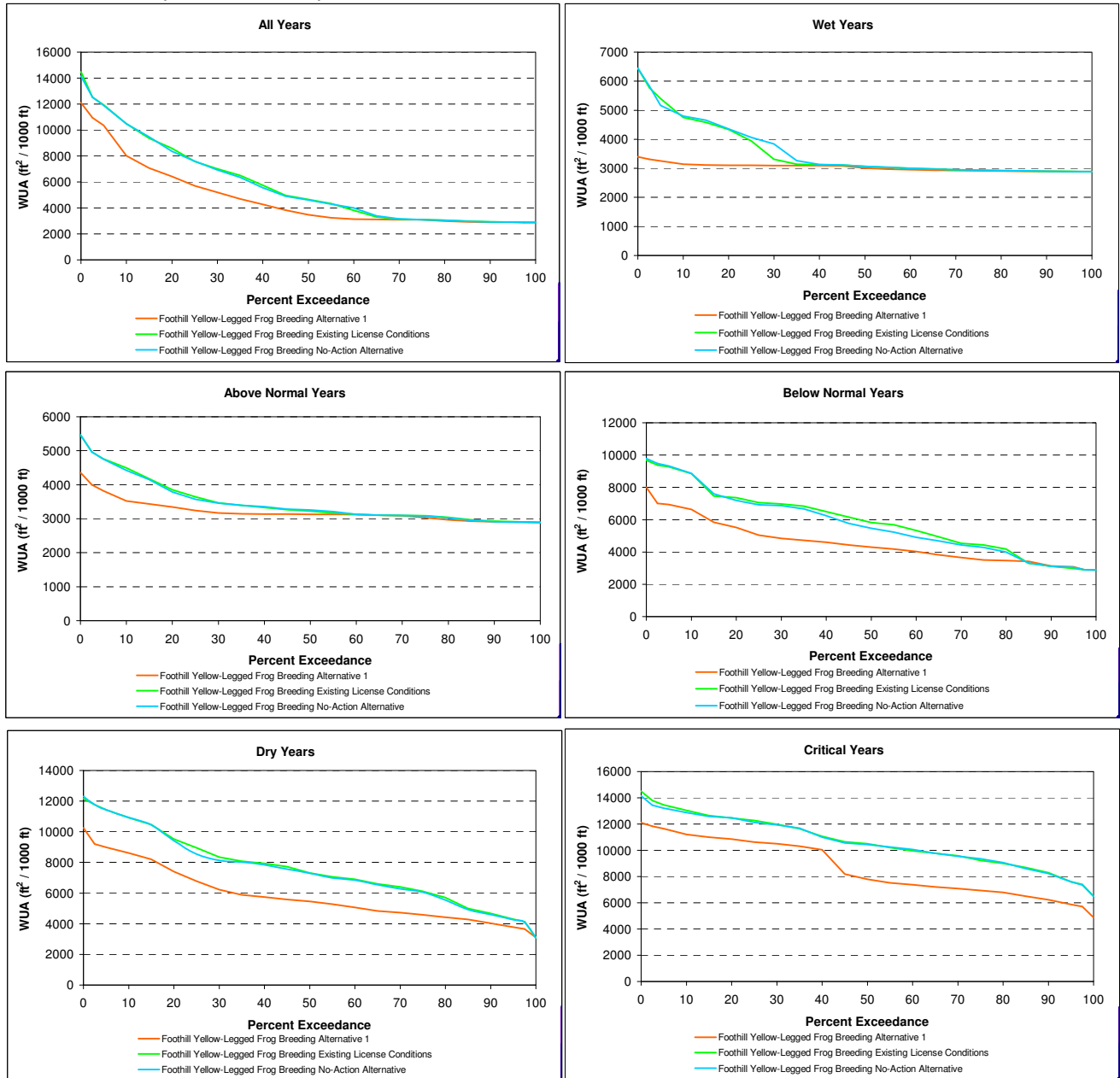


Figure C - 7. North Fork Long Canyon Creek - NFLC1.9 Rainbow Trout Spawning Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 819.825 (Below Diversion).

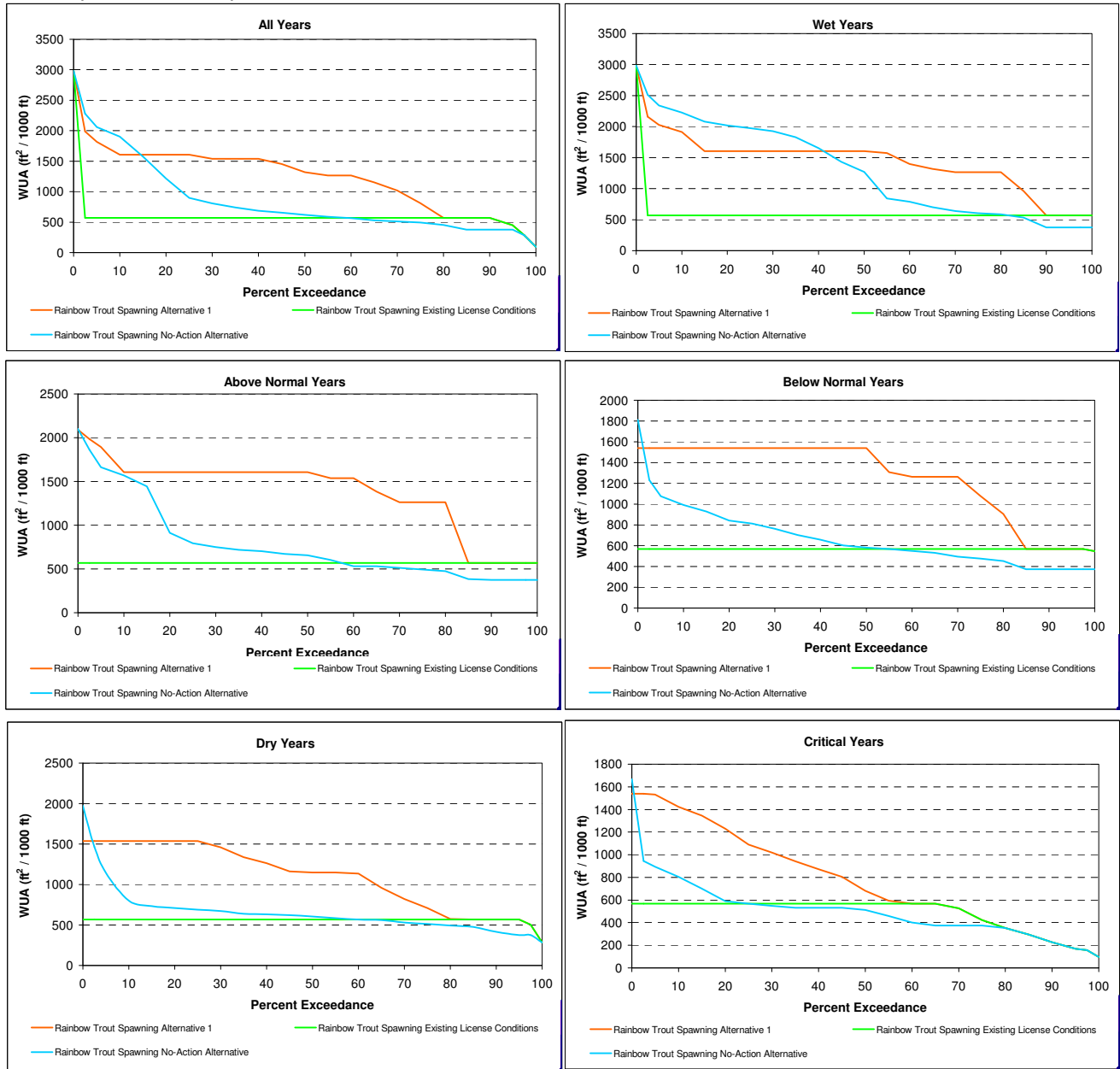


Figure C - 70. Rubicon River - R3.5 Rainbow Trout Large Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815+815ACC (Bottom of Reach).

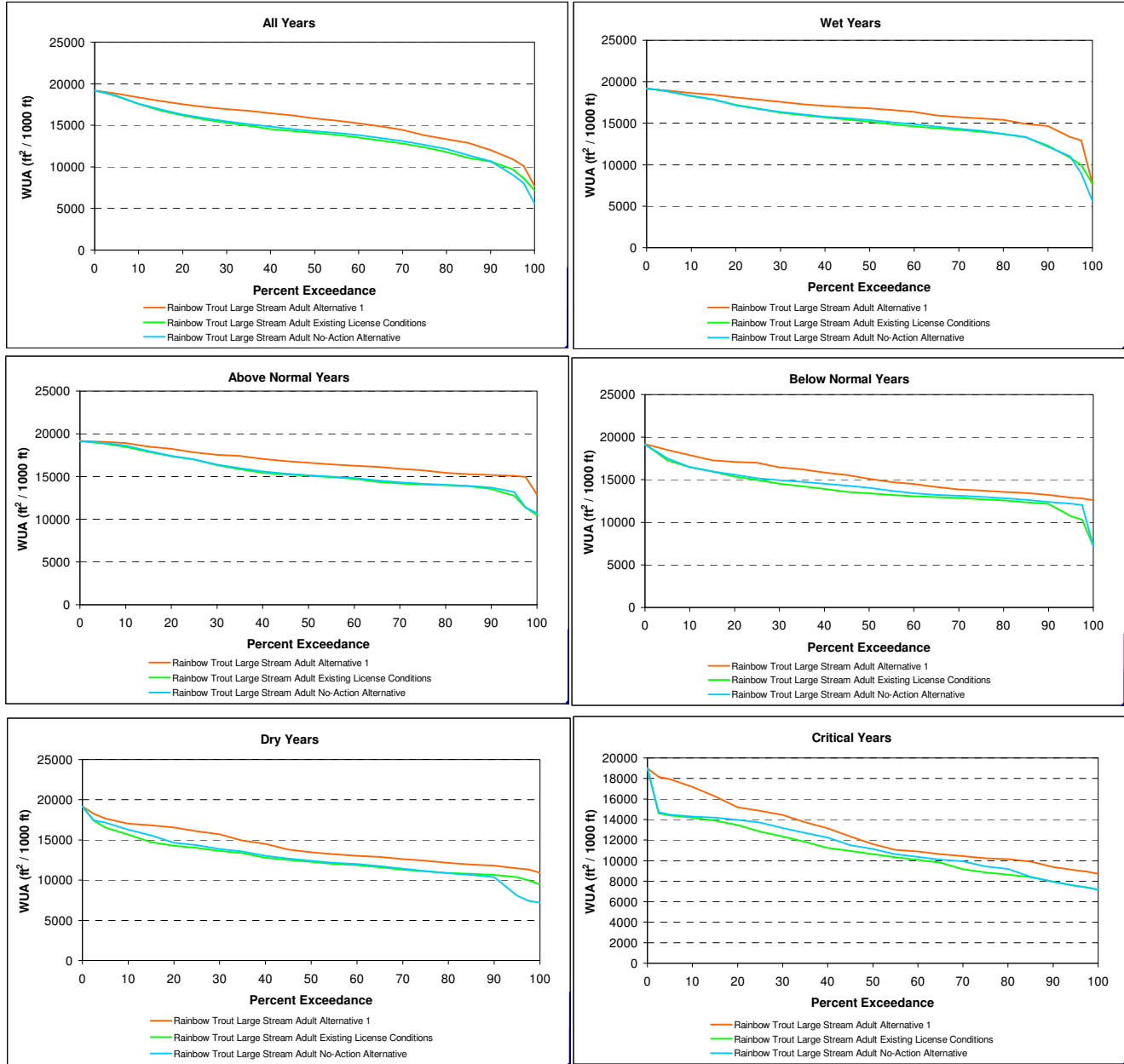


Figure C - 71. Rubicon River - R3.5 Rainbow Trout Large Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815+815ACC (Bottom of Reach).

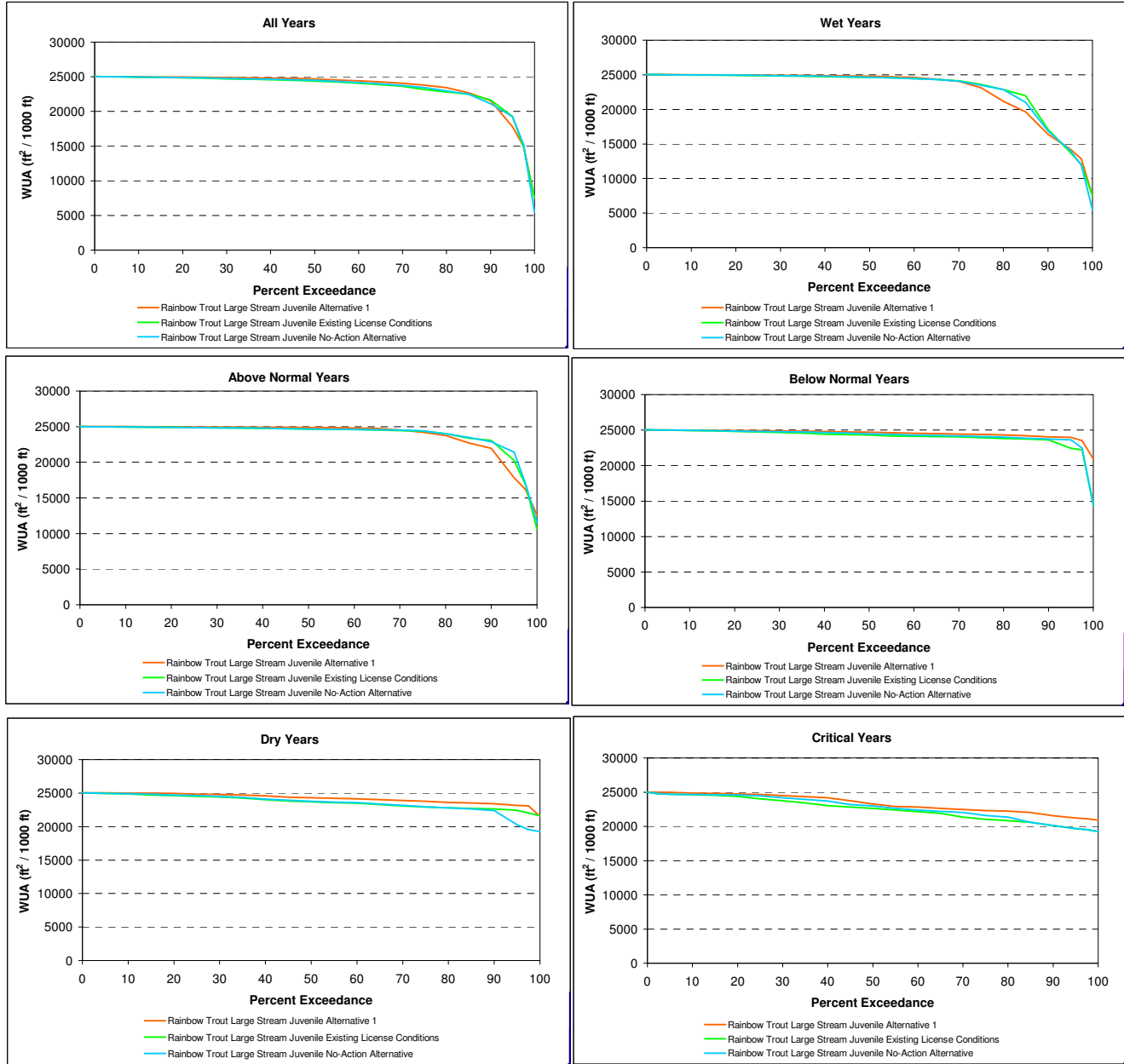


Figure C - 72. Rubicon River - R3.5 Hardhead/Sacramento Pikeminnow Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815+815ACC (Bottom of Reach).

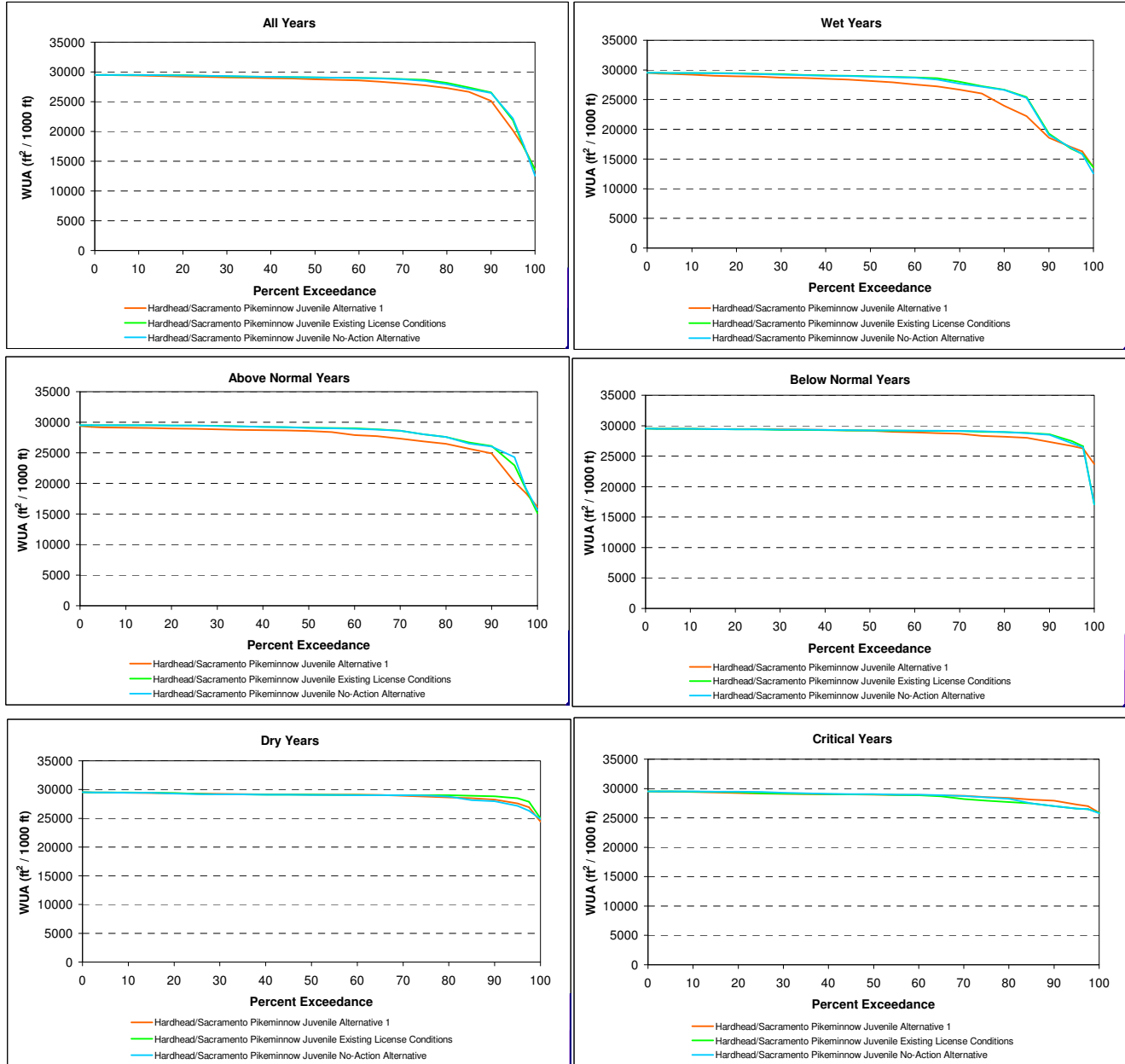


Figure C - 73. Rubicon River - R3.5 Hardhead/Sacramento Pikeminnow Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815+815ACC (Bottom of Reach).

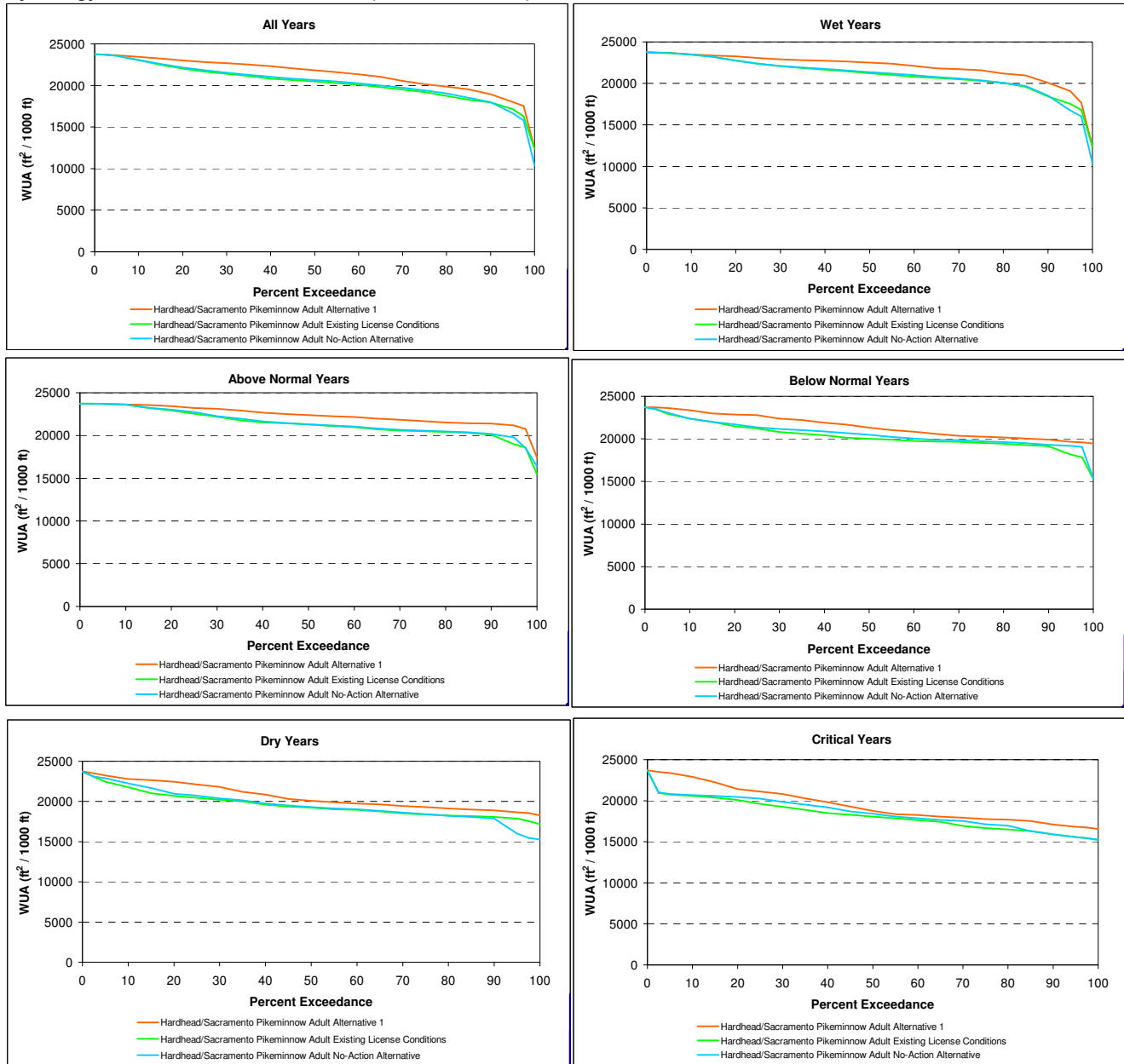


Figure C - 74. Rubicon River - R3.5 Foothill Yellow-Legged Frog Tadpole Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 842.815+815ACC (Bottom of Reach).

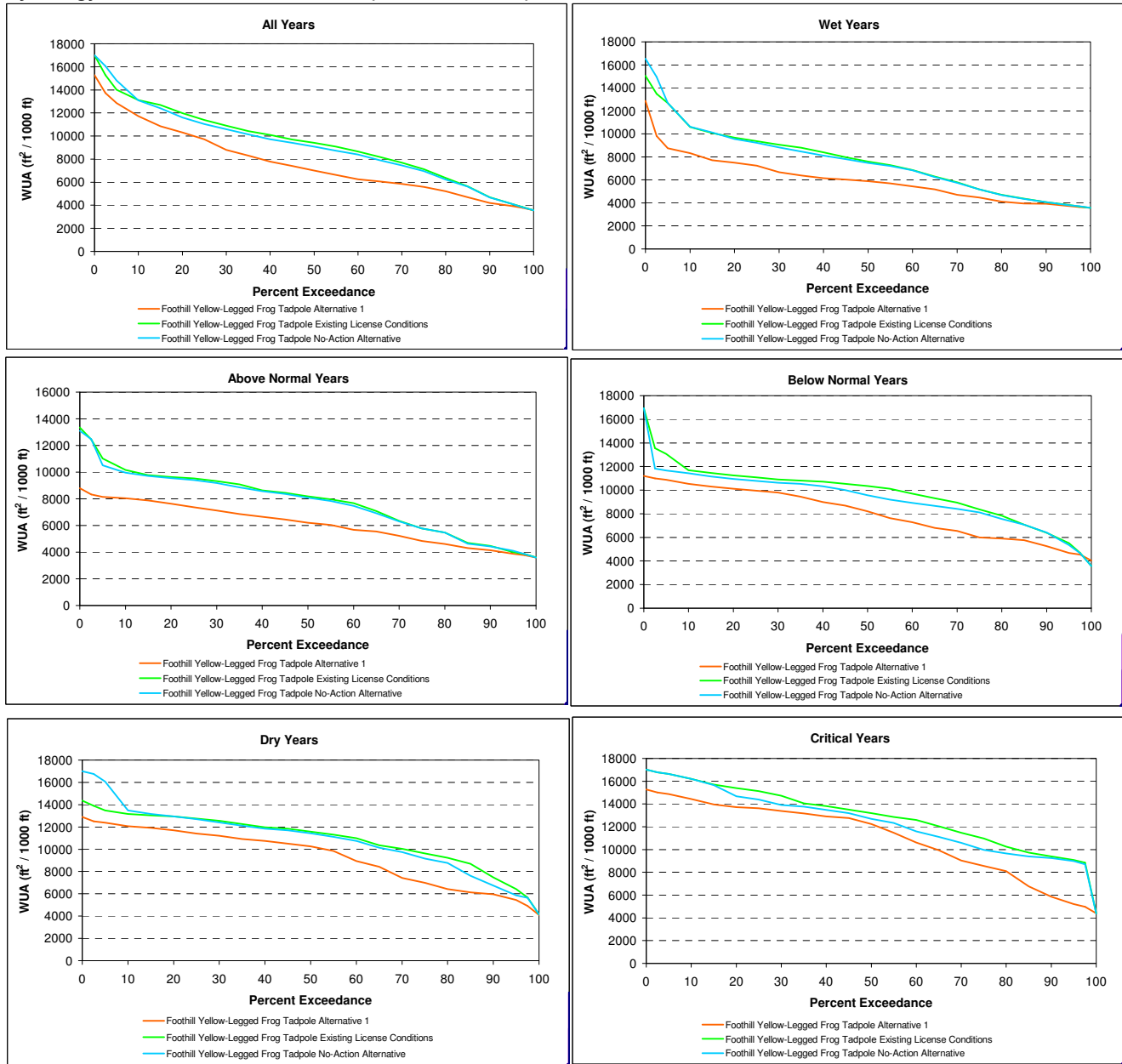


Figure C - 8. North Fork Long Canyon Creek - NFLC1.9 Rainbow Trout Small Stream Adult Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 819.825 (Below Diversion).

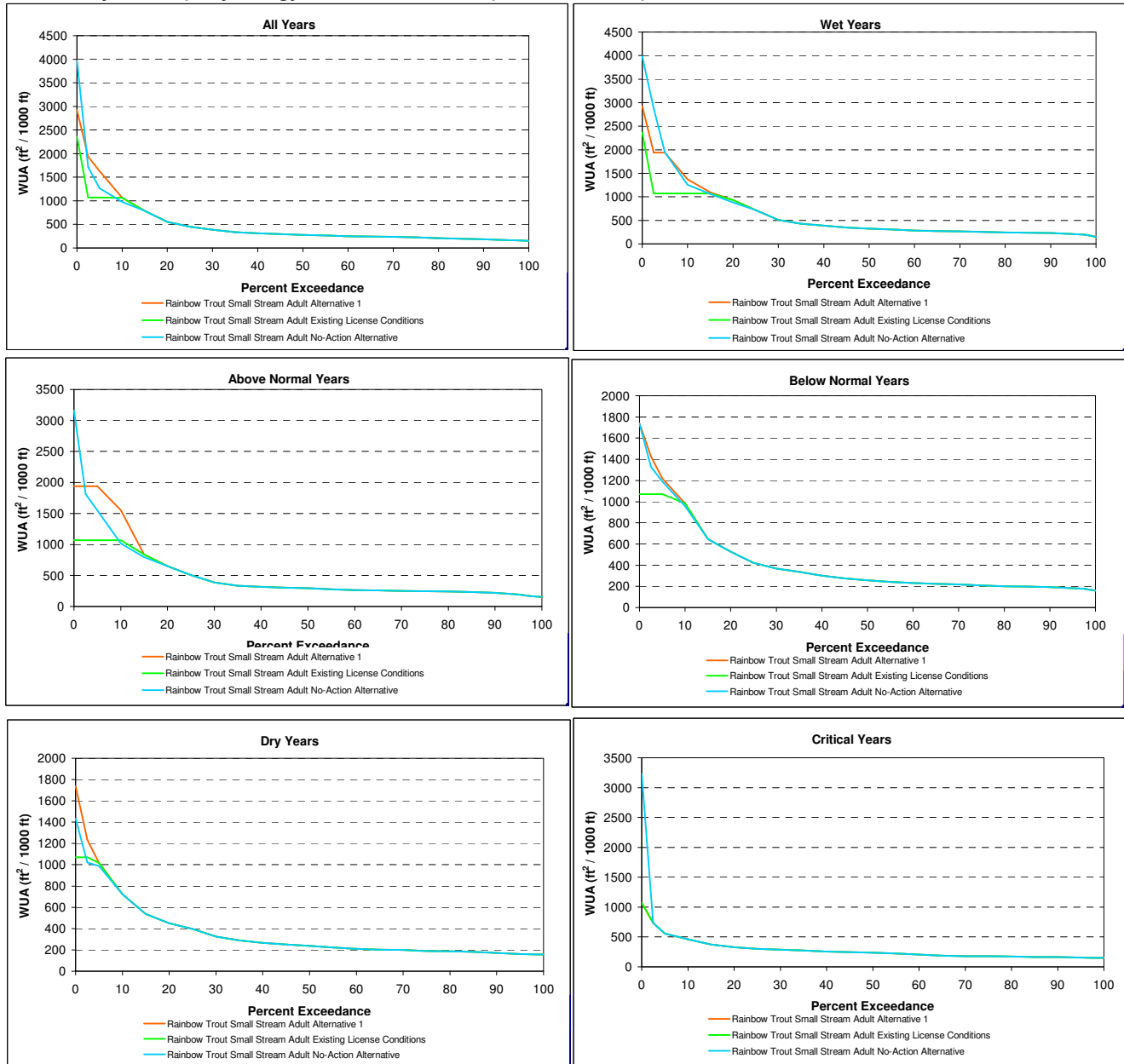


Figure C - 9. North Fork Long Canyon Creek - NFLC1.9 Rainbow Trout Small Stream Juvenile Summer Through Fall (June - October) Habitat Exceedance Plots for All Water Years and each Water Year Type Separately (Wet, Above Normal, Below Normal, Dry, Critical). Hydrology Model Node 819.825 (Below Diversion).

