

Frog Results



Spring Peeper

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Modeling Detection Results: Spring Peeper 2011

AIC is a measure of prediction error → lower AIC means a higher quality model

Null model: 243.959

Temperature model: 238.2867

Wind speed model: 232.4568

Time since sunset model: 230.9102

Time since sunset and Temperature model: 229.9368

Wind speed and Time since Sunset: 224.8706

Modeling Occupancy Results: Spring Peeper 2011

Wind speed and Time since Sunset: 224.8706

Perimeter model: 224.9175

Pond Area model: 223.9653

Percent Canopy model: 222.0741

Proportion of Forest model: 199.0153

Proportion of Forest and Percent Canopy model: 197.3647

Modeling Detection Results: Spring Peeper 2012

AIC is a measure of prediction error → lower AIC means a higher quality model

Null model: 214.8693

Wind speed model: 219.2682

Time since sunset model: 211.2

Temperature model: 207.0342

Time since sunset and Temperature model: 202.3008

Modeling Occupancy Results: Spring Peeper 2011

Time since sunset and Temperature model: 202.3008

Pond Area model: 205.0292

Percent Canopy model: 203.8673

Proportion of Forest model: 172.1682