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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [Note: Best if viewed at Full Screen]  Data    *Optimum pH*   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Bucket # | pH level | Starting Count | Survival Rate | Life Time | | 1 | 4 | 15 | 0 | All Died Immediately | | 2 | 5 | 15 | 1 | 2 Days w/ 1 Survivor | | 3 | 6 | 15 | 4 | All Week w/ 4 Survivors | | 4 | 7 | 15 | 15 | All Alive (15 Survivors) | | 5 | 8 | 15 | 5 | All Week w/ 5 Survivors | | 6 | 9 | 15 | 0 | 1 Day (0 Survivors) | | 7 | 10 | 15 | 0 | All Died Immediately |   [Click for a GRAPH of the data!](http://docs.google.com/graph2.jpg)  [Click for the chi-square Test for signficance!](http://docs.google.com/chisquare2.html)          The above data were the results for our experiment for optimum pH.  As the data shows and as we expected, as the pH levels moved father from normal the survival rate of the tadpoles decreased. Given that the tadpoles managed to survive in pH levels ranging from 5 to 8, we deduced that this is the optimum pH of this species.  [Back to Survival in Environment Results](http://docs.google.com/data.html) |

*This Web Site is Best viewed with 256 or more colors.*

*For More Information about Creekwatch, please contact Eric Thiel at*[*ethiel@pleasanton.k12.ca.us*](mailto:ethiel@pleasanton.k12.ca.us)