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| Table of Contents    [Introduction](http://docs.google.com/title.html)  [Prediction/](http://docs.google.com/pred-hypo.html)  [Hypothesis](http://docs.google.com/pred-hypo.html)  [Procedure](http://docs.google.com/procedure.html)  [Conclusion](http://docs.google.com/conclusion.html)  [DailyLog](http://docs.google.com/dailylog.html)  [Bibliography](http://docs.google.com/biblio.html) | Data  Initial Light Readings   |  |  |  | | --- | --- | --- | | Samples | Average Light Intensity (volts) | Standard Deviation | | Standard | 0.653 | 0.162285609 | | Distilled Water 1 | 0.493 | 0.07716182 | | Distilled Water 2 | 0.338 | 0.061471262 | | Distilled Water 3 | 0.276 | 0.045422319 | | Pleasanton Tap Water 1 | 0.311 | 0.048535735 | | Pleasanton Tap Water 2 | 0.370 | 0.013482802 | | Pleasanton Tap Water 3 | 0.333 | 0.003234641 | | Stagnant Creek Water 1 | 0.248 | 0.013170926 | | Stagnant Creek Water 2 | 0.282 | 0.014784586 | | Stagnant Creek Water 3 | 0.230 | 0.044070371 | | Rapid Creek Water 1 | 0.275 | 0.03339781 | | Rapid Creek Water 2 | 0.278 | 0.018326548 | | Rapid Creek Water 3 | 0.307 | 0.01904157 | | Bleach 1 | 0.210 | 0.105402738 | | Bleach 2 | 0.210 | 0.019691878 | | Standard | 0.278 | 0.00208 |     Light Readings of 2 Hours Later   |  |  |  | | --- | --- | --- | | Samples | Average Light Intensity (volts) | Standard Deviation | | Standard | 0.470 | 0.149427536 | | Distilled Water 1 | 0.233 | 0.073481625 | | Distilled Water 2 | 0.0735 | 0.042933744 | | Distilled Water 3 | 0.0730 | 0.019114831 | | Pleasanton Tap Water 1 | 0.161 | 0.685126176 | | Pleasanton Tap Water 2 | 0.139 | 0.034212199 | | Pleasanton Tap Water 3 | 0.207 | 0.04101604 | | Stagnant Creek Water 1 | 0.185 | 0.070412967 | | Stagnant Creek Water 2 | 0.181 | 0.05455523 | | Stagnant Creek Water 3 | 0.245 | 0.053177588 | | Rapid Creek Water 1 | 0.915 | 3.987979552 | | Rapid Creek Water 2 | 0.342 | 0.122585159 | | Rapid Creek Water 3 | 0.330 | 0.088389222 | | Bleach 1 | 0.183 | 0.069990541 | | Bleach 2 | 0.132 | 0.034537505 | | Standard | 0.168 | 0.065261806 |     Average Initial Light Readings   |  |  |  | | --- | --- | --- | | **Samples** | **Average Light Intensity (volts)** | **Standard Deviation** | | Standard | 0.465 | 0.264559016 | | Distilled Water | 0.369 | 0.111805555 | | Pleasanton Tap Water | 0.338 | 0.02995778 | | Stagnant Creek Water | 0.253 | 0.026455207 | | Rapid Creek Water | 0.286 | 0.01752111 | | Bleach | 0.210 | 0.000152869 |     Average Light Readings 2 Hours Later   |  |  |  | | --- | --- | --- | | **Samples** | **Average Light Intensity (volts)** | **Standard Deviation** | | Standard | 0.319 | 0.213139308 | | Distilled Water | 0.126 | 0.09219733 | | Pleasanton Tap Water | 0.169 | 0.034542515 | | Stagnant Creek Water | 0.204 | 0.035906288 | | Rapid Creek Water | 0.529 | 0.334219353 | | Bleach | 0.157 | 0.035766082 |     Raw Data for Initial Light Readings  Raw Data for Light Readings 2 Hours Later  [[Top]](#gjdgxs) |