

Linear regression Results.

1) Average Daily Temperature

Call: lm(formula = Year ~ MeanTemp)

Residuals:

Min	1Q	Median	3Q	Max
-22.044	-8.252	2.119	8.321	14.709

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	1400.988	182.460	7.678	2.56e-09 ***
MeanTemp	21.910	6.685	3.278	0.0022 **

Signif. codes:

0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 10.74 on 39 degrees of freedom

Multiple R-squared: 0.216, Adjusted R-squared: 0.1959

F-statistic: 10.74 on 1 and 39 DF, p-value: 0.002205

2) Precipitation

Call: lm(formula = Year ~ MeanPrec)

Residuals:

Min	1Q	Median	3Q	Max
-19.7002	-7.4564	-0.4325	8.4704	19.3332

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	1978.872	12.442	159.047	<2e-16 ***
MeanPrec	2.075	1.239	1.675	0.103

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 10.85 on 36 degrees of freedom (1 observation deleted due to missingness)

Multiple R-squared: 0.07228, Adjusted R-squared: 0.04651

F-statistic: 2.805 on 1 and 36 DF, p-value: 0.1026

3) Evapotranspiration

Call: lm(formula = Year ~ MeanEvap)

Residuals:

Min	1Q	Median	3Q	Max
-24.217	-11.981	-0.965	7.187	35.388

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	1782.38	58.84	30.292	< 2e-16 ***
MeanEvap	53.78	15.38	3.497	0.00094 ***

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 15.15 on 55 degrees of freedom (3 observations deleted due to missingness)

Multiple R-squared: 0.1819, Adjusted R-squared: 0.167

F-statistic: 12.23 on 1 and 55 DF, p-value: 0.0009402