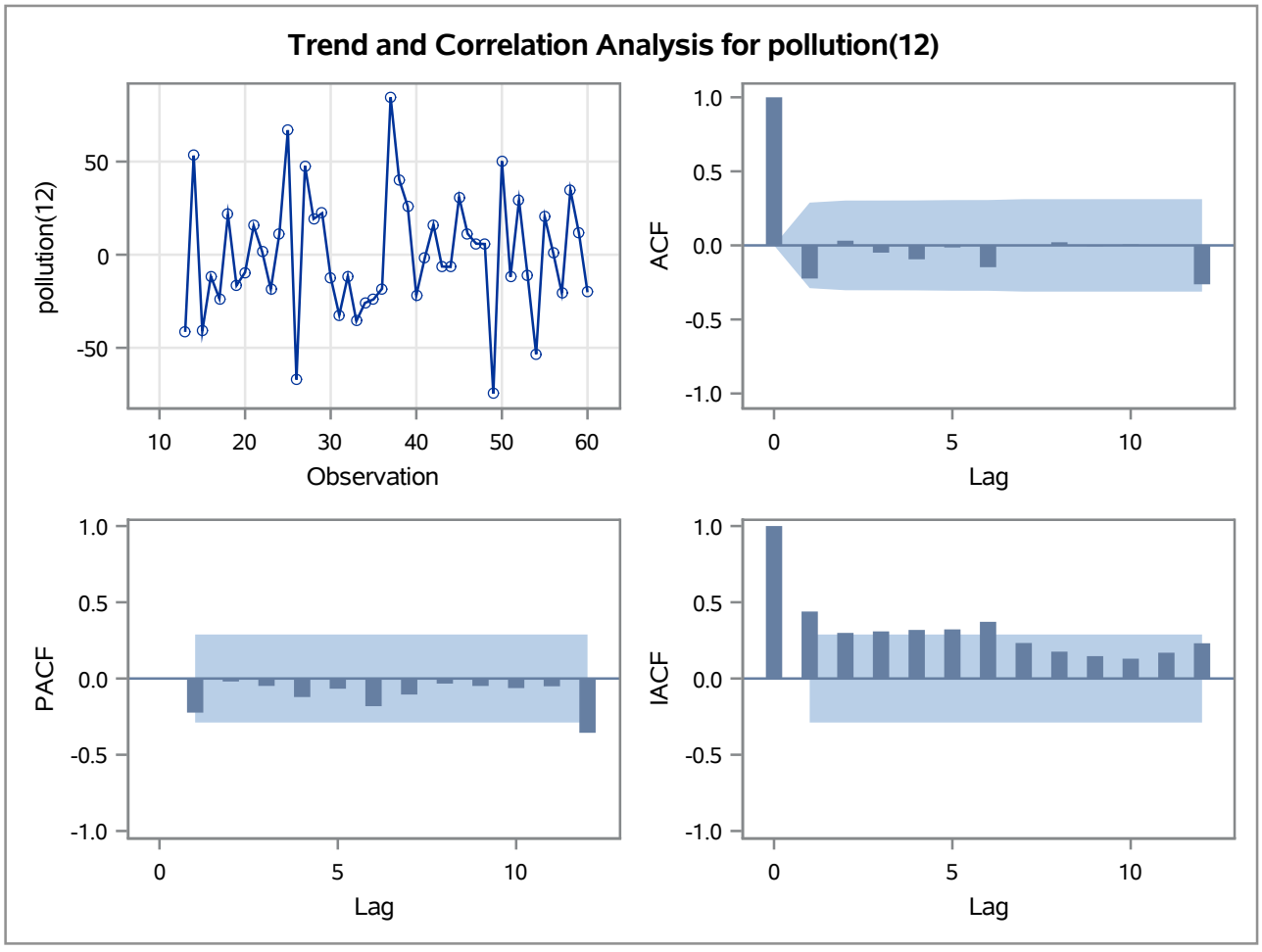
Name of Variable = pollution	
Period(s) of Differencing	12
Mean of Working Series	0.197637
Standard Deviation	32.5308
Number of Observations	48
Observation(s) eliminated by differencing	12

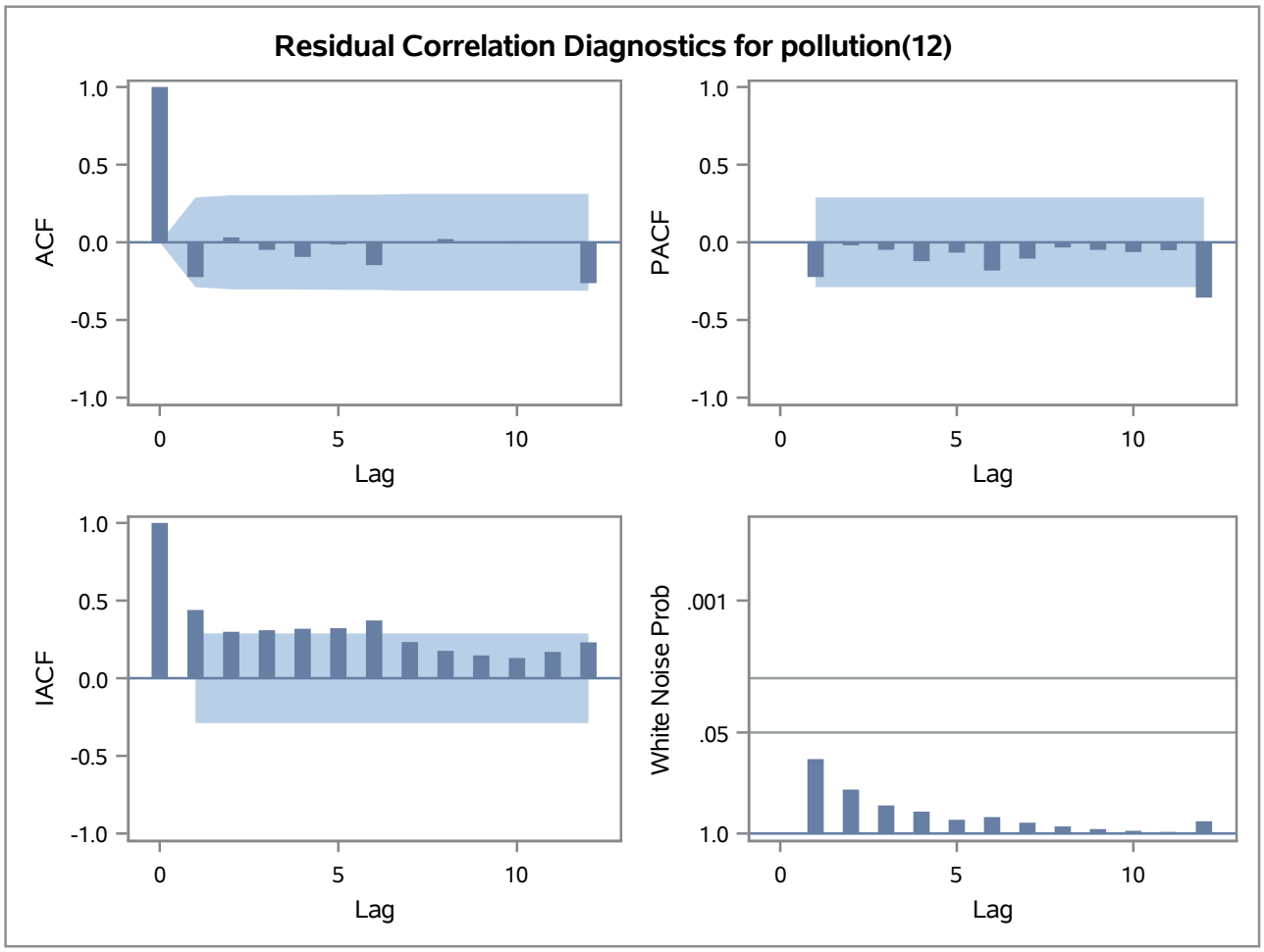
Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	4.46	6	0.6141	-0.224	0.032	-0.049	-0.094	-0.014	-0.147
12	9.10	12	0.6947	-0.003	0.021	-0.005	0.006	0.001	-0.263

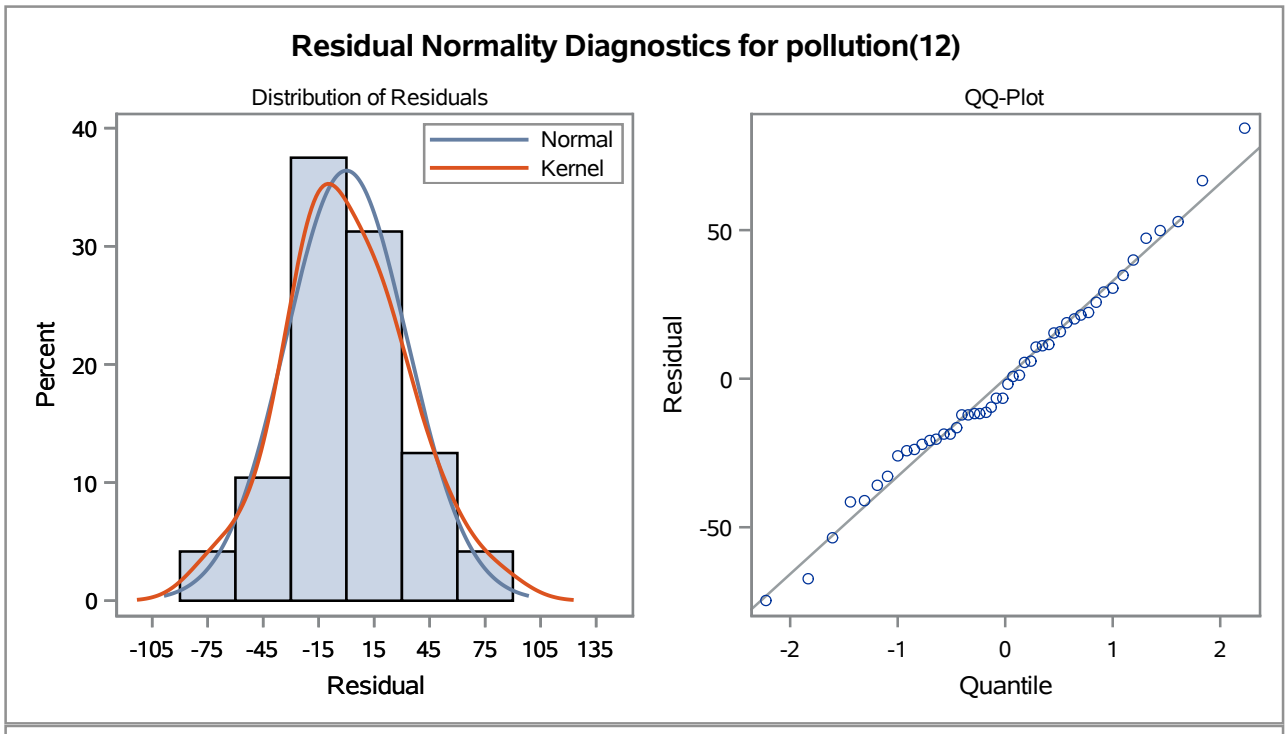


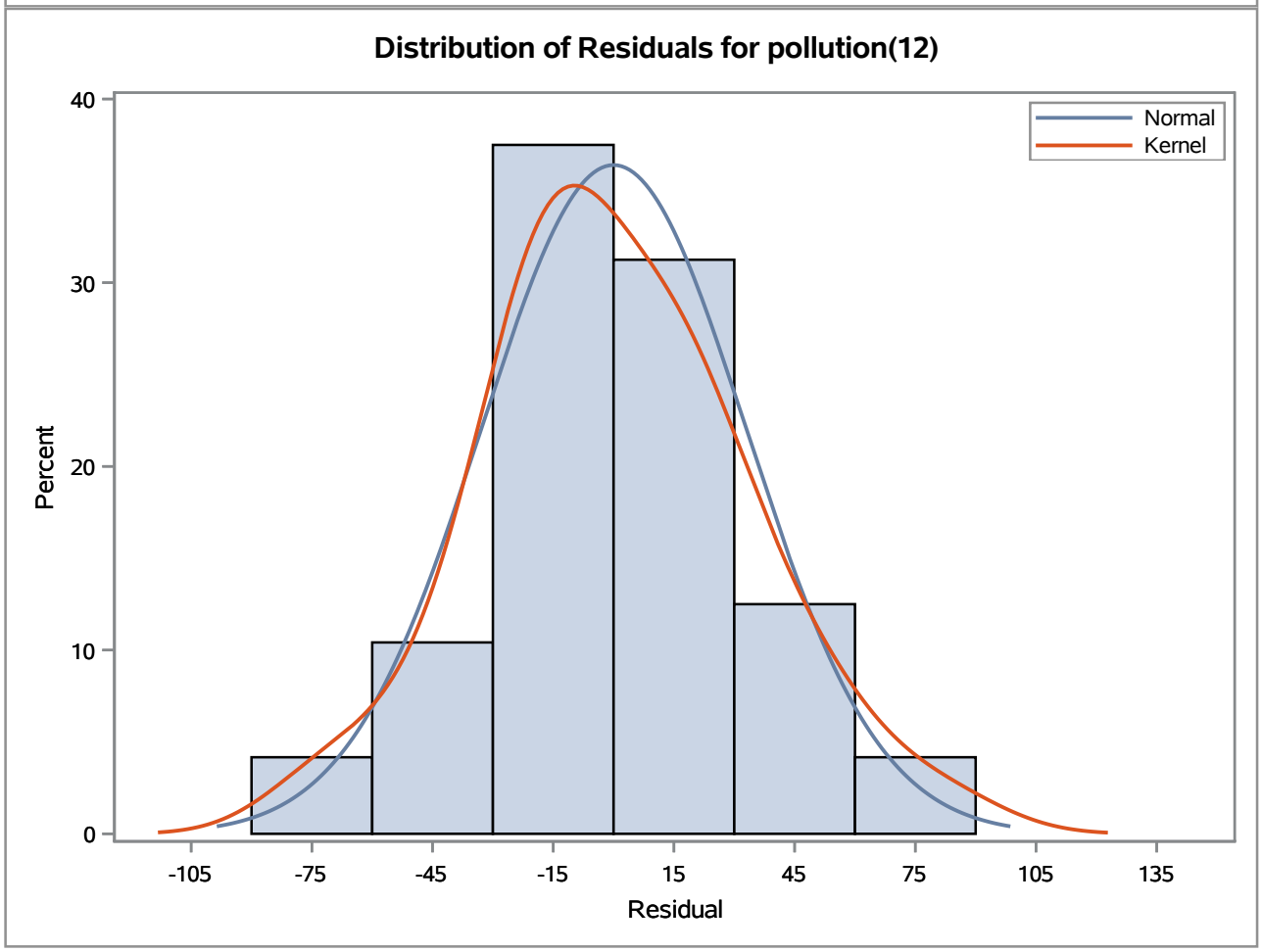
Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag
MU	0.19764	4.74511	0.04	0.9668	0

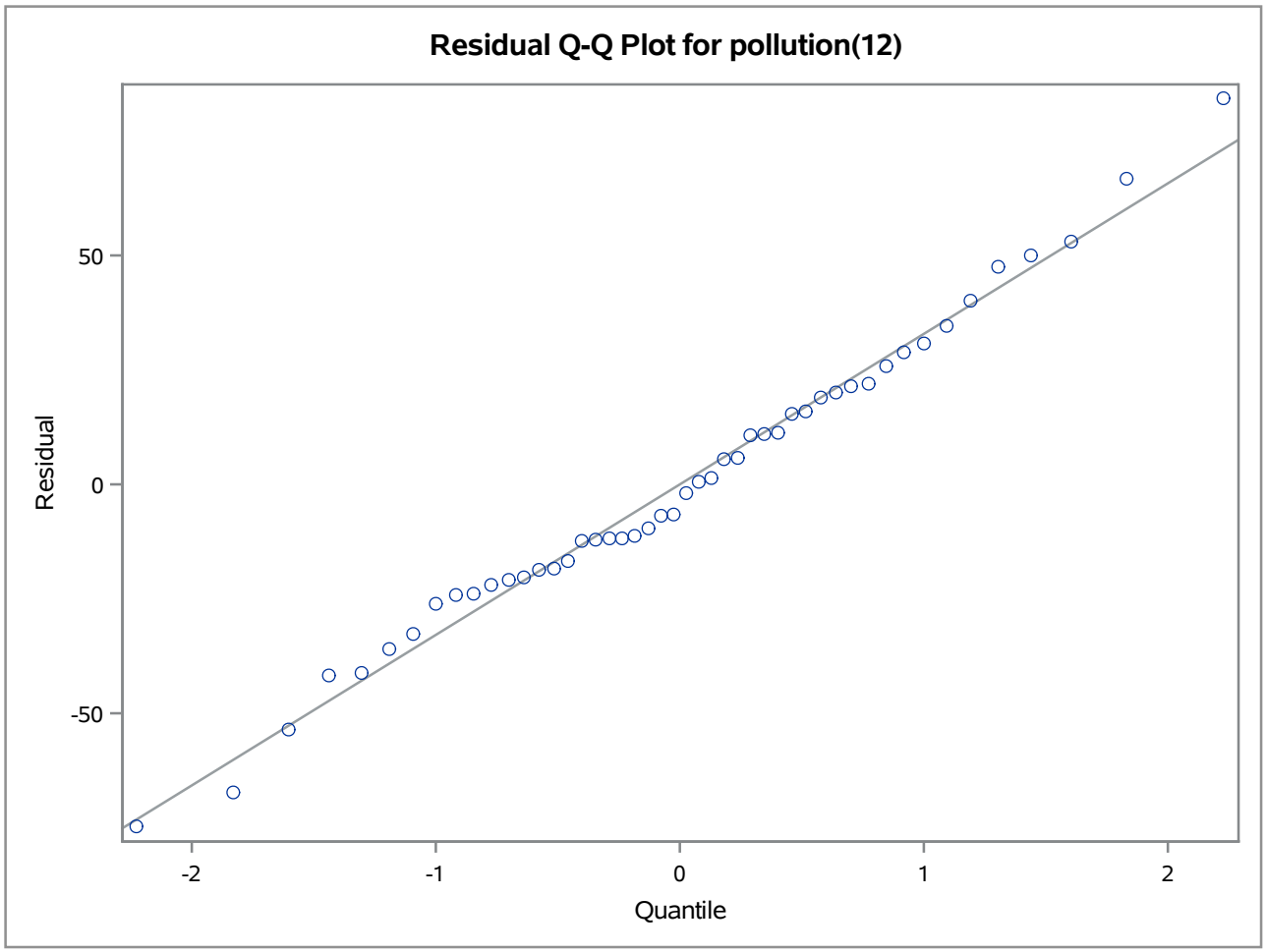
Constant Estimate	0.197637
Variance Estimate	1080.769
Std Error Estimate	32.87505
AIC	472.5081
SBC	474.3793
Number of Residuals	48

Autocorrelation Check of Residuals									
To Lag	**Chi-Square**	**DF**	**Pr > ChiSq**	**Autocorrelations**					
6	4.46	6	0.6141	-0.224	0.032	-0.049	-0.094	-0.014	-0.147
12	9.10	12	0.6947	-0.003	0.021	-0.005	0.006	0.001	-0.263
18	14.64	18	0.6863	0.245	0.037	-0.023	-0.015	-0.039	0.120
24	26.38	24	0.3344	-0.033	0.023	0.088	-0.170	0.216	-0.194




Residual Normality Diagnostics for pollution(12)
Distribution of Residuals
Normal
Kernel
Percent
Residual
QQ-Plot
Residual
Quantile

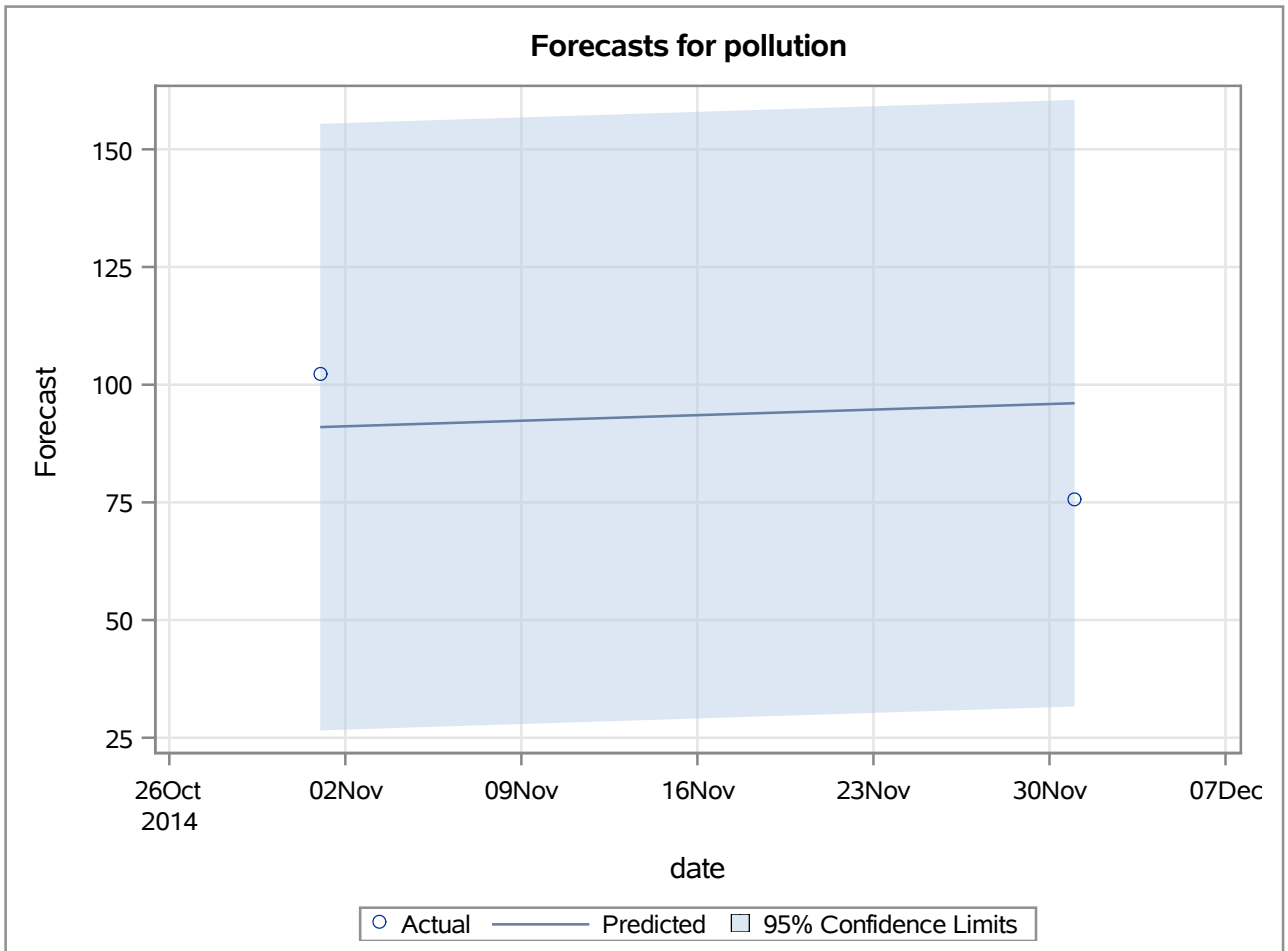

Distribution of Residuals for pollution(12)
Normal
Kernel
Percent
Residual

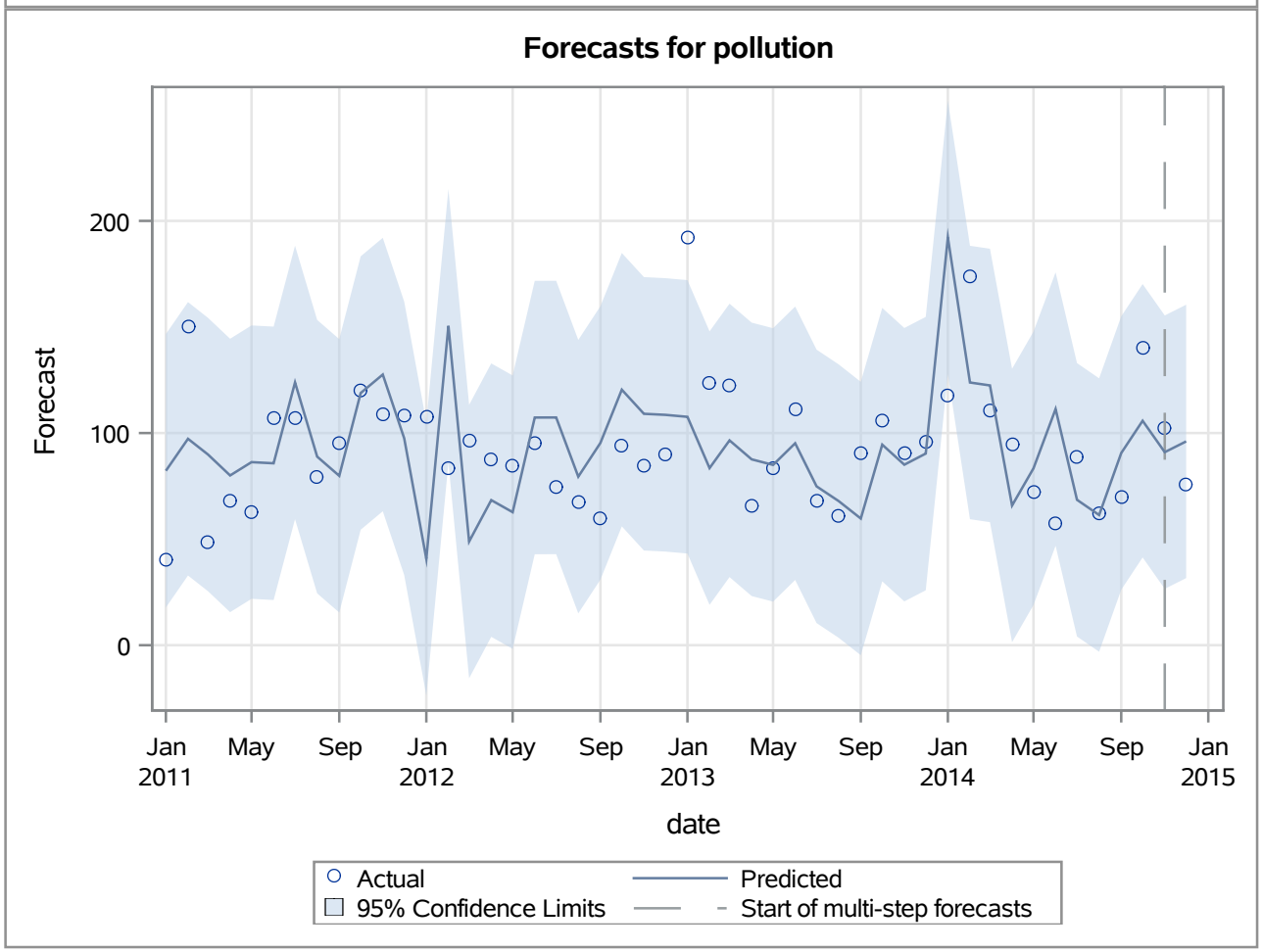


Model for variable pollution	
Estimated Mean	0.197637
Period(s) of Differencing	12

Forecasts for variable pollution

Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
59	90.9907	32.8751	26.5568	155.4246	102.3486	11.3579
60	96.0605	32.8751	31.6266	160.4945	75.6882	-20.3724


Forecasts for pollution
Forecast
150
125
100
75
50
25
26Oct
2014
02Nov
09Nov
16Nov
23Nov
30Nov
07Dec
date
Actual
Predicted
95% Confidence Limits


Forecasts for pollution
Forecast
200
100
0
Jan
2011
May
Sep
Jan
2012
May
Sep
Jan
2013
May
Sep
Jan
2014
May
Sep
Jan
2015
date
Actual
95% Confidence Limits
Predicted
Start of multi-step forecasts

Outlier Detection Summary	
Maximum number searched	2
Number found	2
Significance used	0.05

Outlier Details

Obs	Type	Estimate	Chi-Square	Approx Prob>ChiSq
37	Additive	79.53159	13.22	0.0003
14	Additive	60.14029	8.08	0.0045