Name of Variable = pollution	
Mean of Working Series	94.20369
Standard Deviation	27.42528
Number of Observations	60

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	17.55	6	0.0075	0.127	-0.028	-0.041	-0.061	-0.214	-0.435
12	26.25	12	0.0099	-0.151	0.049	-0.026	-0.113	0.110	0.254

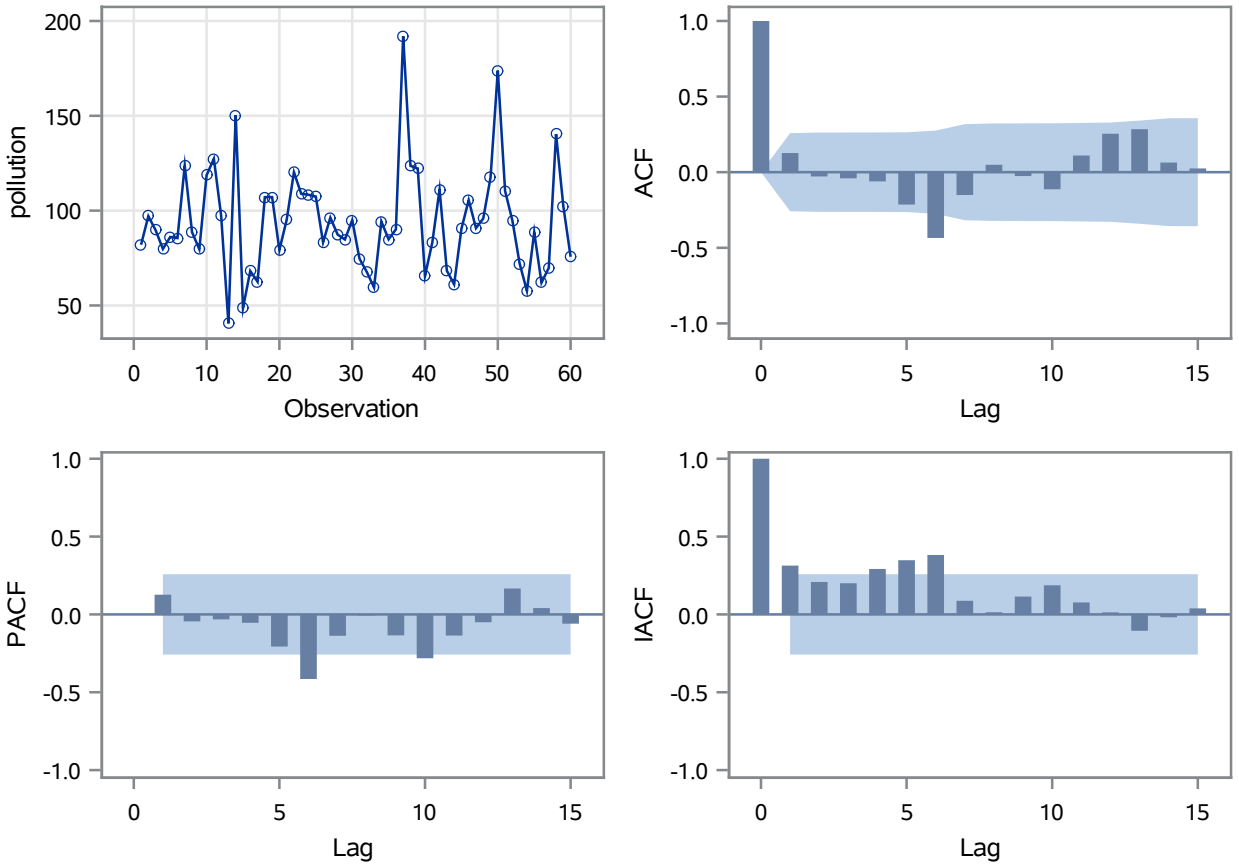
Correlation of pollution and press	
Variance of input =	77.15933
Number of Observations	60

Correlation of pollution and wnd_spd	
Variance of input =	246.3649
Number of Observations	60

Correlation of pollution and snow	
Variance of input =	14.37682
Number of Observations	60

Correlation of pollution and rain	
Variance of input =	51.65104
Number of Observations	60

Trend and Correlation Analysis for pollution



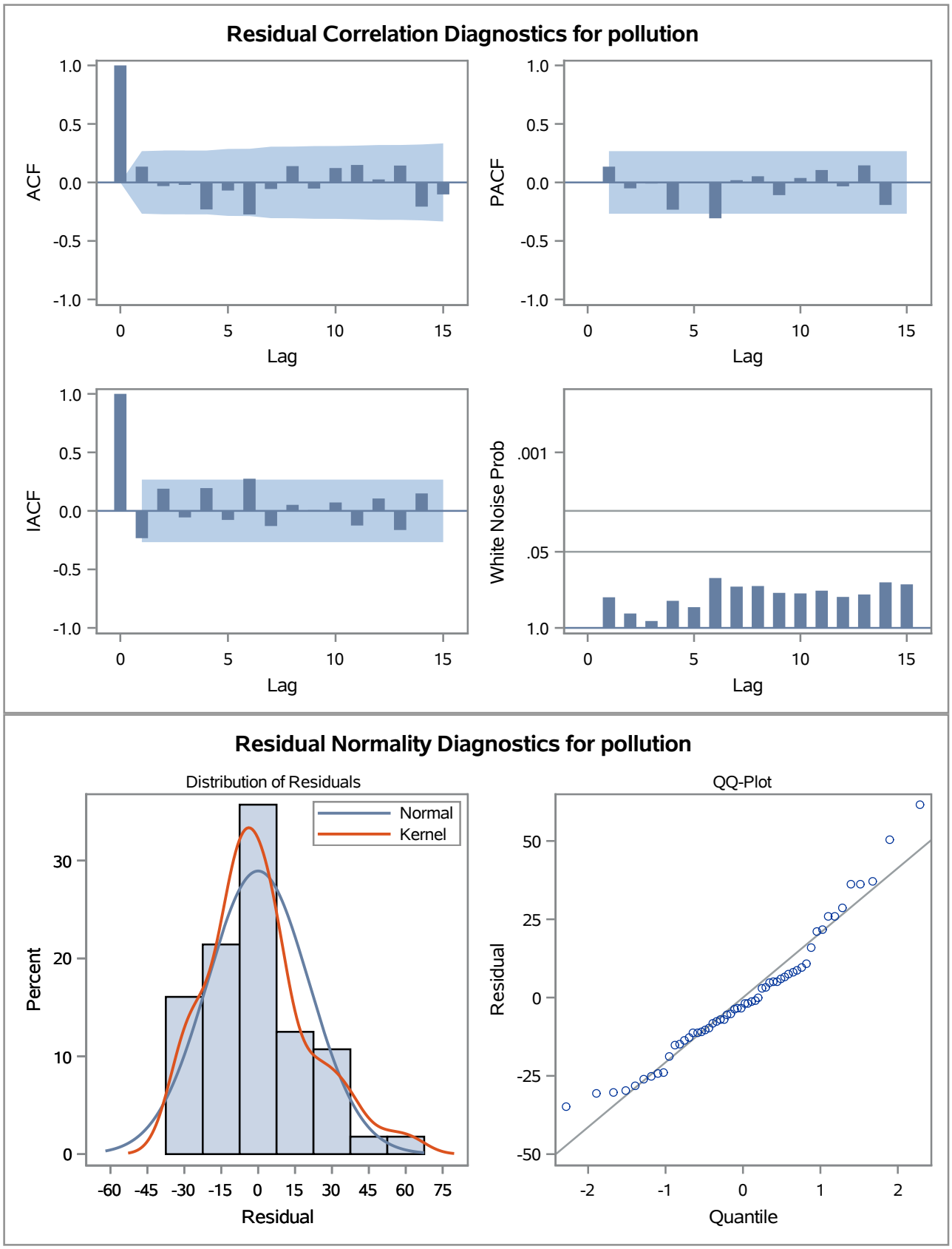
Cross Correlation Analysis for pollution
with Two Standard Error Limits

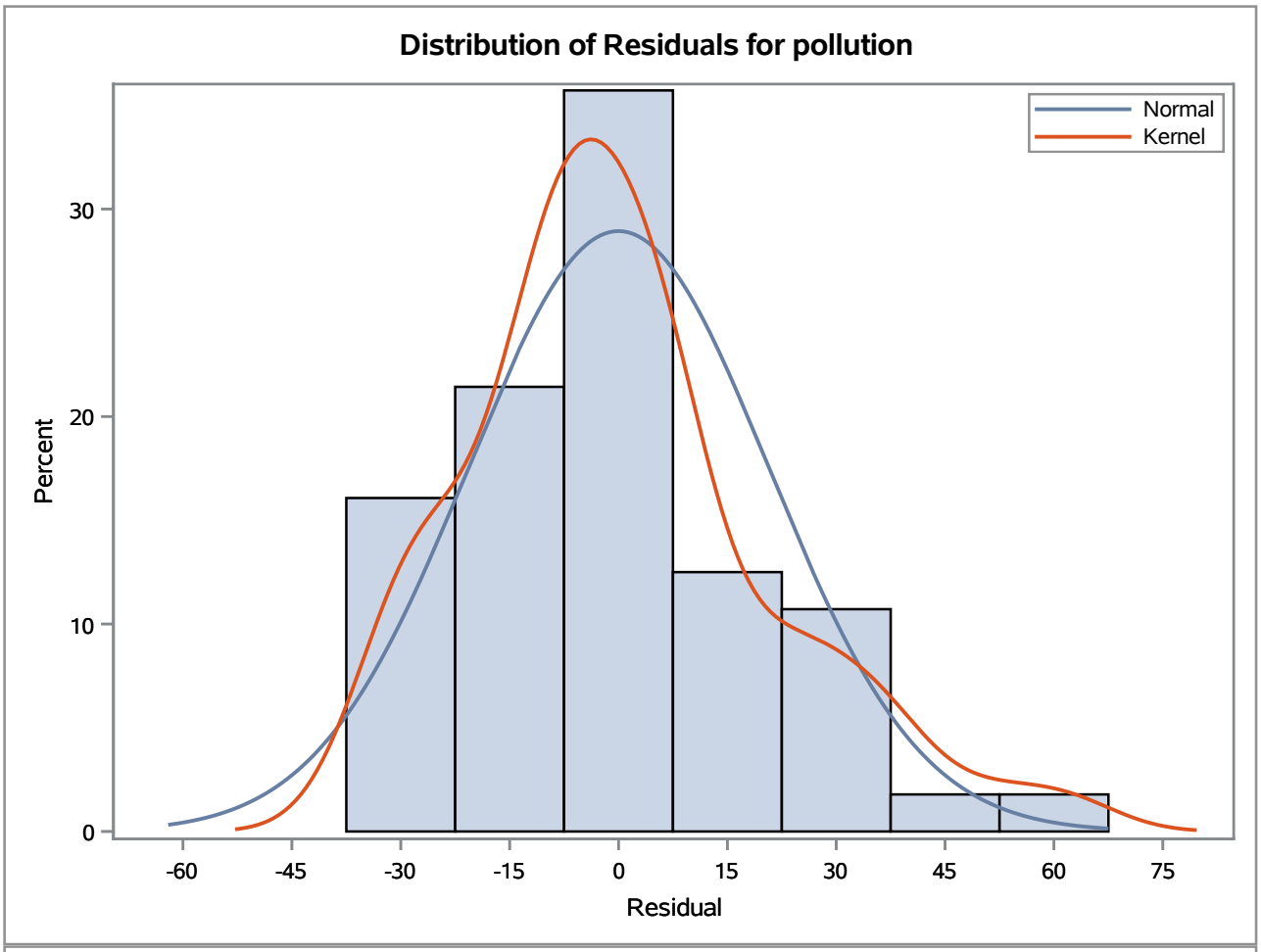
Maximum Likelihood Estimation							
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag	Variable	Shift
MU	-1576.5	450.69946	-3.50	0.0005	0	pollution	0
NUM1	1.66217	0.44700	3.72	0.0002	0	press	1
NUM2	-0.95608	0.23914	-4.00	<.0001	0	wnd_spd	0
NUM3	2.07430	1.03411	2.01	0.0449	0	snow	0
NUM4	0.36487	0.44653	0.82	0.4139	0	rain	4

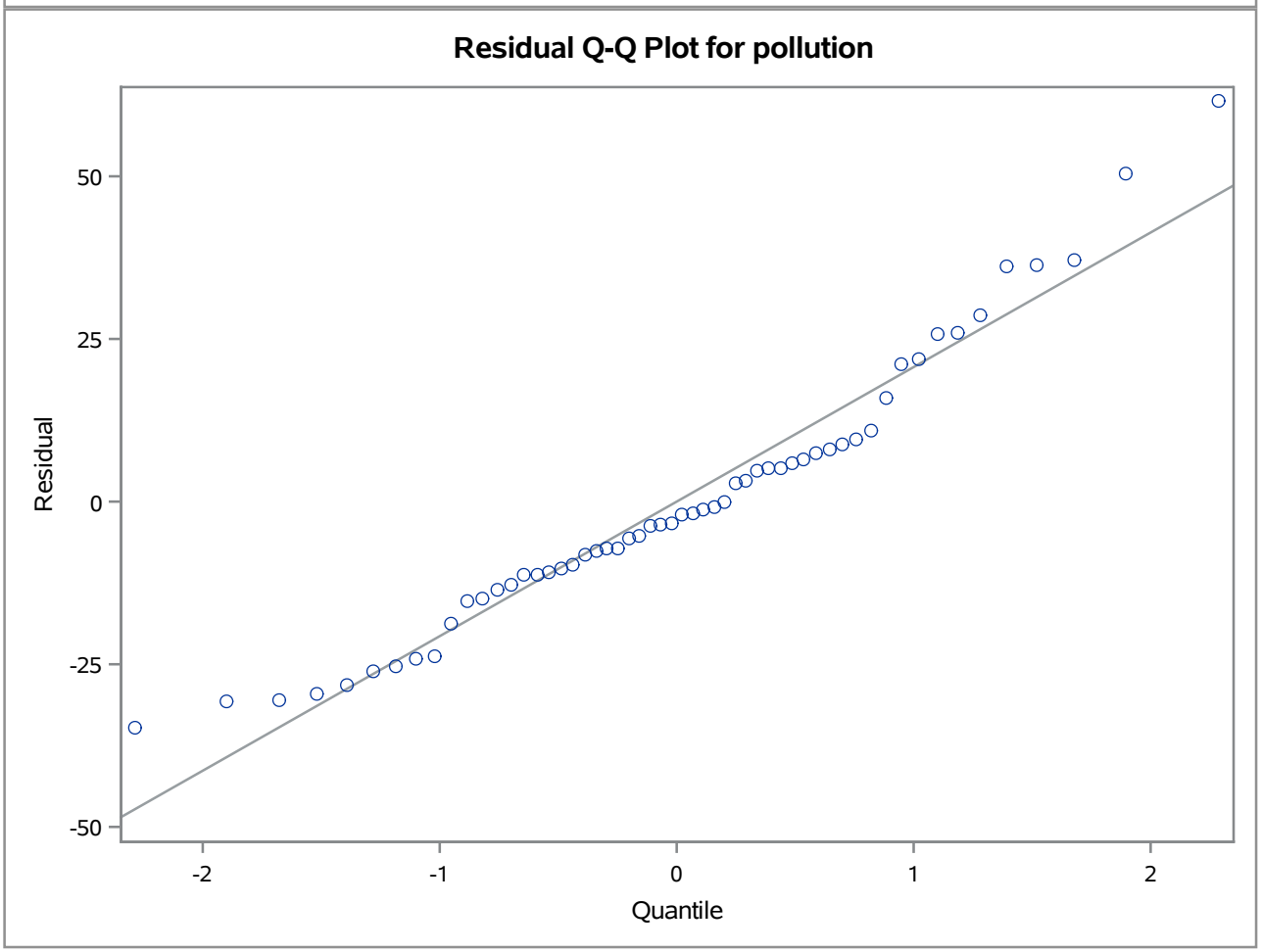
Constant Estimate	-1576.52
Variance Estimate	461.2466
Std Error Estimate	21.47665
AIC	507.1839
SBC	517.3107
Number of Residuals	56

Correlations of Parameter Estimates						
Variable	Parameter	pollution MU	press NUM1	wnd_spd NUM2	snow NUM3	rain NUM4
pollution	MU	1.000	-1.000	0.482	0.554	-0.002
press	NUM1	-1.000	1.000	-0.489	-0.556	0.001
wnd_spd	NUM2	0.482	-0.489	1.000	0.320	-0.383
snow	NUM3	0.554	-0.556	0.320	1.000	-0.128
rain	NUM4	-0.002	0.001	-0.383	-0.128	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	9.64	6	0.1405	0.135	-0.031	-0.021	-0.231	-0.069	-0.273
12	14.08	12	0.2954	-0.056	0.139	-0.053	0.123	0.149	0.026
18	22.22	18	0.2222	0.144	-0.207	-0.102	0.014	-0.126	0.114
24	28.48	24	0.2401	-0.044	-0.017	0.008	-0.244	0.045	-0.039


Residual Correlation Diagnostics for pollution
ACF
PACF
IACF
White Noise Prob
Lag
Residual Normality Diagnostics for pollution
Distribution of Residuals
Normal
Kernel
Percent
Residual
QQ-Plot
Residual
Quantile


Distribution of Residuals for pollution
Normal
Kernel
Percent
30
20
10
0
-60
-45
-30
-15
0
15
30
45
60
75
Residual


Residual Q-Q Plot for pollution
Residual
50
25
0
-25
-50
-2
-1
0
1
2
Quantile

Model for variable pollution	
Estimated Intercept	-1576.52

Input Number 1	
Input Variable	press
Shift	1
Overall Regression Factor	1.662165

Input Number 2	
Input Variable	wnd_spd
Overall Regression Factor	-0.95608

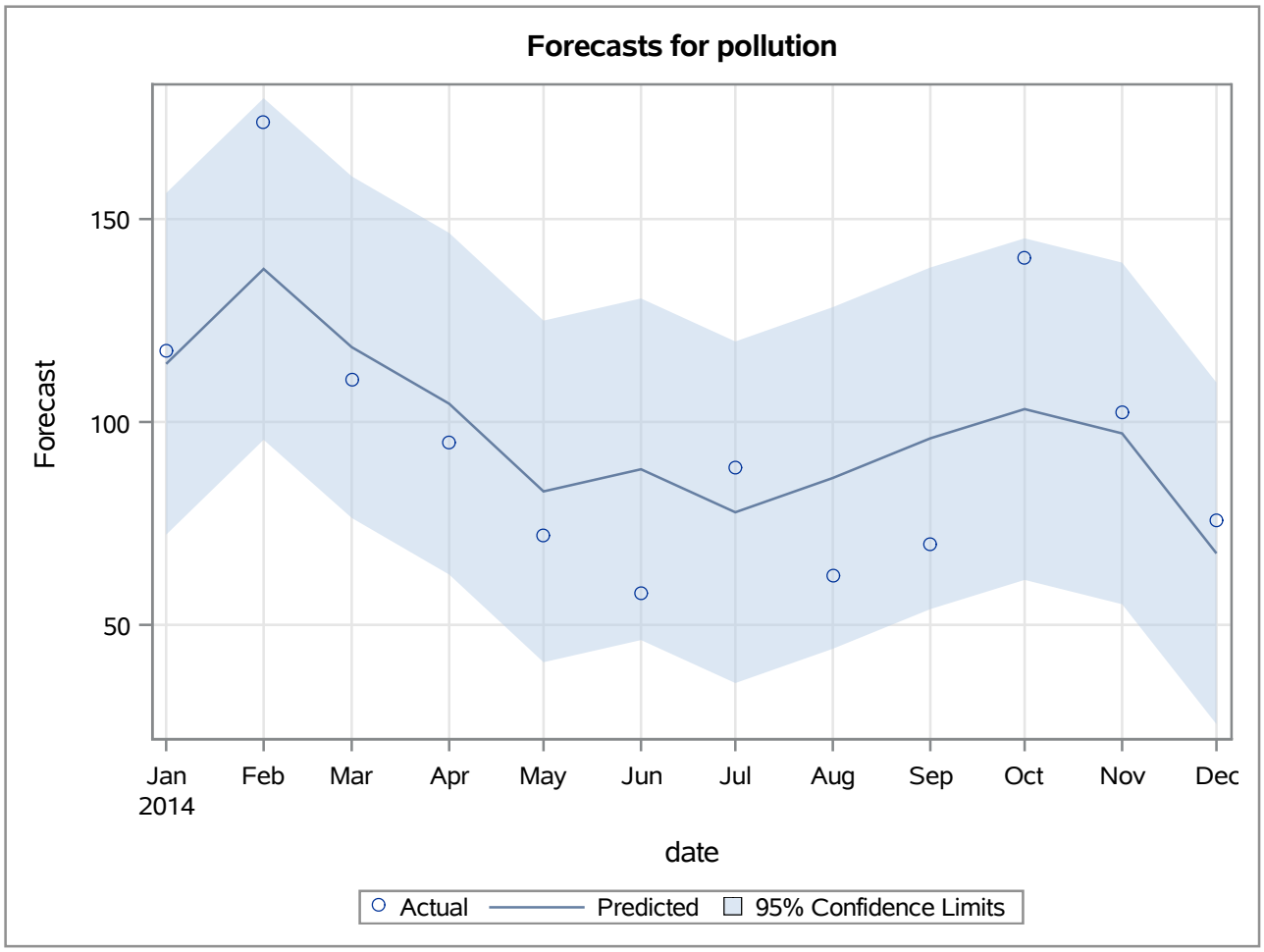
Input Number 3	
Input Variable	snow
Overall Regression Factor	2.074299

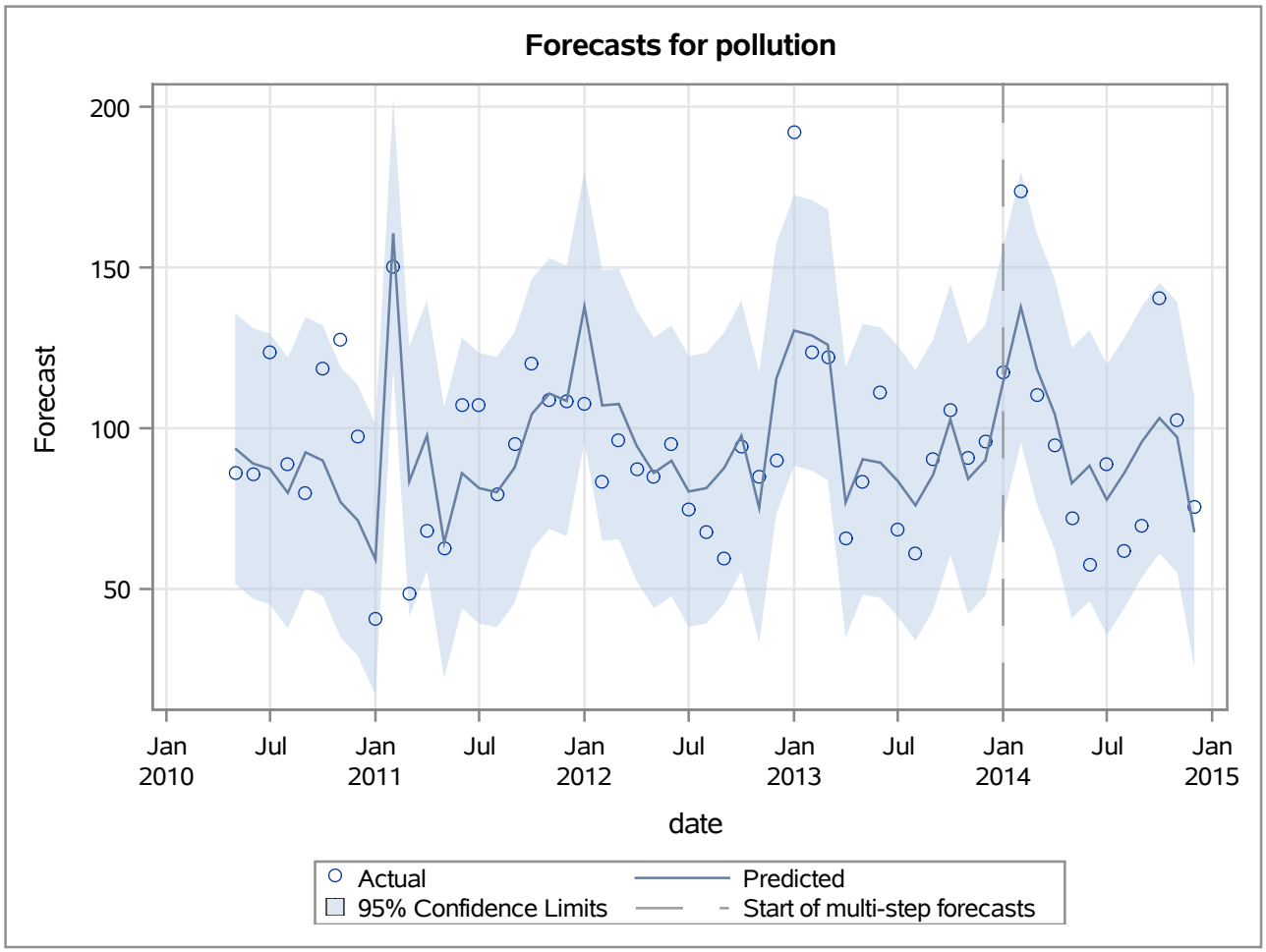
Input Number 4	
Input Variable	rain
Shift	4
Overall Regression Factor	0.364874

Forecasts for variable pollution						
Obs	**Forecast**	**Std Error**	**95% Confidence Limits**		**Actual**	**Residual**
5	93.7064	21.4767	51.6130	135.7999	86.0820	-7.6244
6	89.0430	21.4767	46.9496	131.1365	85.5375	-3.5055
7	87.3251	21.4767	45.2317	129.4186	123.6478	36.3227
8	79.9011	21.4767	37.8076	121.9945	88.6815	8.7804
9	92.4997	21.4767	50.4062	134.5931	79.6319	-12.8677
10	89.9384	21.4767	47.8449	132.0318	118.6626	28.7243
11	77.0070	21.4767	34.9135	119.1004	127.3778	50.3708
12	71.3830	21.4767	29.2895	113.4765	97.3333	25.9503
13	59.2236	21.4767	17.1301	101.3170	40.5470	-18.6765
14	160.5632	21.4767	118.4697	202.6567	150.3214	-10.2418
15	83.4092	21.4767	41.3157	125.5027	48.6546	-34.7546
16	97.7414	21.4767	55.6479	139.8348	68.1806	-29.5608
17	64.3911	21.4767	22.2977	106.4846	62.5121	-1.8790
18	86.0223	21.4767	43.9289	128.1158	107.1111	21.0888
19	81.3638	21.4767	39.2704	123.4573	107.1384	25.7746

Forecasts for variable pollution						
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
20	80.0982	21.4767	38.0047	122.1916	79.2366	-0.8616
21	87.7513	21.4767	45.6578	129.8447	95.1403	7.3890
22	104.3988	21.4767	62.3053	146.4923	120.2406	15.8418
23	110.7983	21.4767	68.7048	152.8918	108.8708	-1.9275
24	108.4551	21.4767	66.3616	150.5485	108.3737	-0.0814
25	137.8807	21.4767	95.7873	179.9742	107.4435	-30.4372
26	107.0770	21.4767	64.9836	149.1705	83.2730	-23.8041
27	107.5349	21.4767	65.4415	149.6284	96.3360	-11.1989
28	94.5716	21.4767	52.4781	136.6651	87.3972	-7.1744
29	86.0789	21.4767	43.9855	128.1724	84.7782	-1.3007
30	89.8888	21.4767	47.7954	131.9823	94.9861	5.0973
31	80.3177	21.4767	38.2242	122.4111	74.6707	-5.6470
32	81.3597	21.4767	39.2663	123.4532	67.7137	-13.6460
33	87.6450	21.4767	45.5515	129.7385	59.5014	-28.1436
34	97.6503	21.4767	55.5568	139.7437	94.3293	-3.3210
35	75.2505	21.4767	33.1570	117.3439	84.8806	9.6301
36	115.4112	21.4767	73.3178	157.5047	90.1169	-25.2943
37	130.3796	21.4767	88.2862	172.4731	191.9745	61.5948
38	128.8499	21.4767	86.7565	170.9434	123.6176	-5.2324
39	125.9388	21.4767	83.8453	168.0322	122.2379	-3.7009
40	76.9152	21.4767	34.8217	119.0087	65.6542	-11.2610
41	90.3474	21.4767	48.2540	132.4409	83.1801	-7.1673
42	89.2755	21.4767	47.1820	131.3689	111.1069	21.8315
43	83.6075	21.4767	41.5141	125.7010	68.3347	-15.2729
44	76.0012	21.4767	33.9077	118.0947	61.1586	-14.8426
45	85.5955	21.4767	43.5020	127.6890	90.3694	4.7739
46	102.6921	21.4767	60.5986	144.7855	105.5901	2.8980
47	84.2427	21.4767	42.1492	126.3361	90.7931	6.5504
48	90.0292	21.4767	47.9357	132.1227	95.8629	5.8337
49	114.3140	21.4767	72.2206	156.4075	117.4422	3.1282
50	137.7016	21.4767	95.6081	179.7950	173.8378	36.1362
51	118.4453	21.4767	76.3519	160.5388	110.3374	-8.1080
52	104.4908	21.4767	62.3974	146.5843	94.8361	-9.6547
53	82.8855	21.4767	40.7920	124.9789	72.0605	-10.8250
54	88.3449	21.4767	46.2514	130.4383	57.6875	-30.6574
55	77.7463	21.4767	35.6528	119.8397	88.6142	10.8680

Forecasts for variable pollution						
Obs	Forecast	Std Error	95% Confidence Limits		Actual	Residual
56	86.1981	21.4767	44.1046	128.2916	62.0121	-24.1860
57	95.9682	21.4767	53.8748	138.0617	69.8056	-26.1627
58	103.1711	21.4767	61.0776	145.2645	140.3669	37.1959
59	97.1779	21.4767	55.0844	139.2713	102.3486	5.1708
60	67.6207	21.4767	25.5272	109.7142	75.6882	8.0675





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	61.59482	14.47	0.0001
11	Additive	50.37082	9.75	0.0018