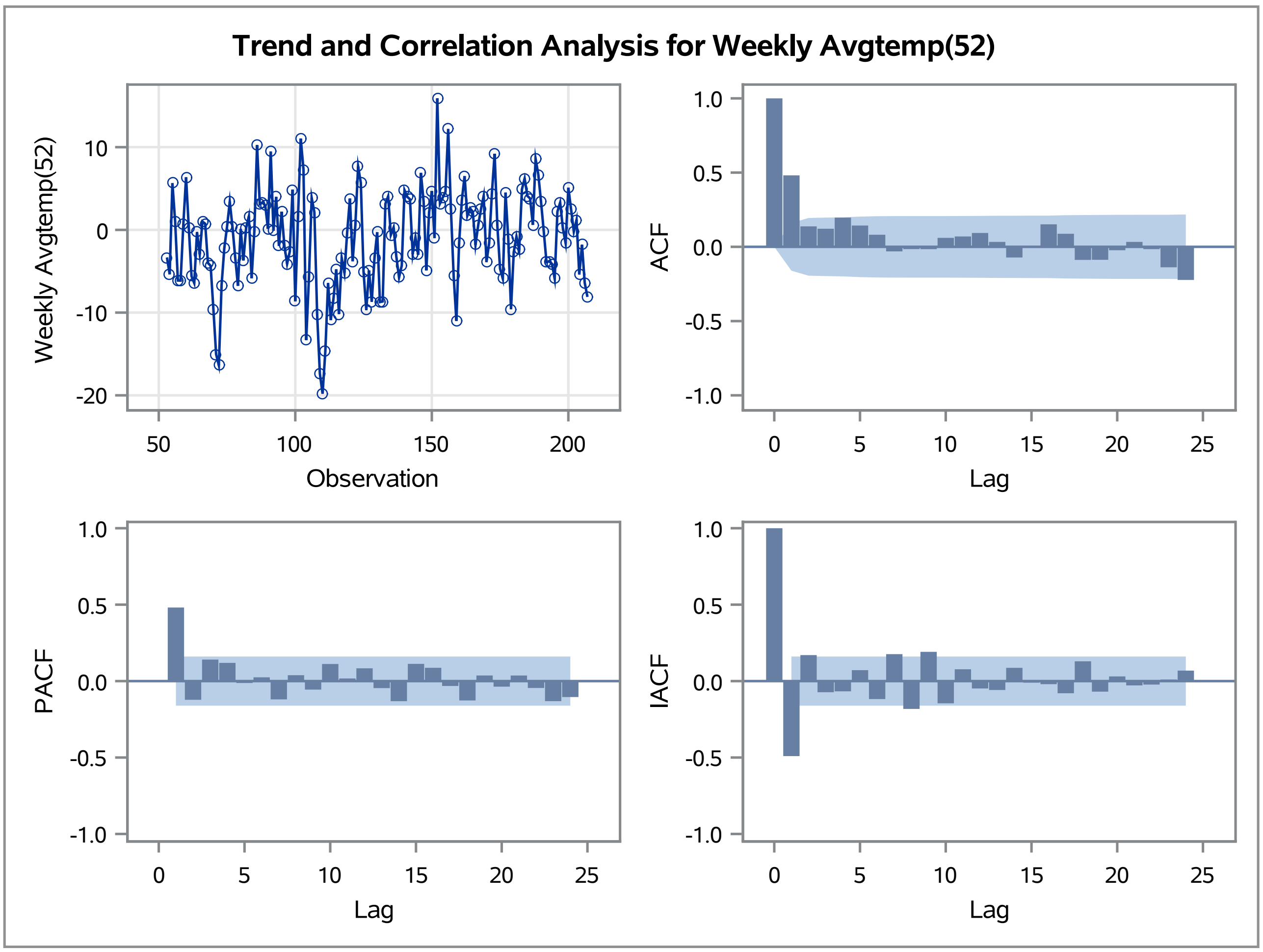
Name of Variable = Weekly Avgtemp	
Period(s) of Differencing	52
Mean of Working Series	-1.01703
Standard Deviation	5.886649
Number of Observations	155
Observation(s) eliminated by differencing	52

Autocorrelation Check for White Noise									
To Lag	**Chi-Square**	**DF**	**Pr > ChiSq**	**Autocorrelations**					
6	52.66	6	<.0001	0.481	0.138	0.122	0.197	0.143	0.082
12	55.82	12	<.0001	-0.031	-0.015	-0.015	0.060	0.070	0.093
18	63.66	18	<.0001	0.033	-0.072	0.004	0.152	0.088	-0.088
24	78.10	24	<.0001	-0.087	-0.023	0.033	-0.015	-0.138	-0.223

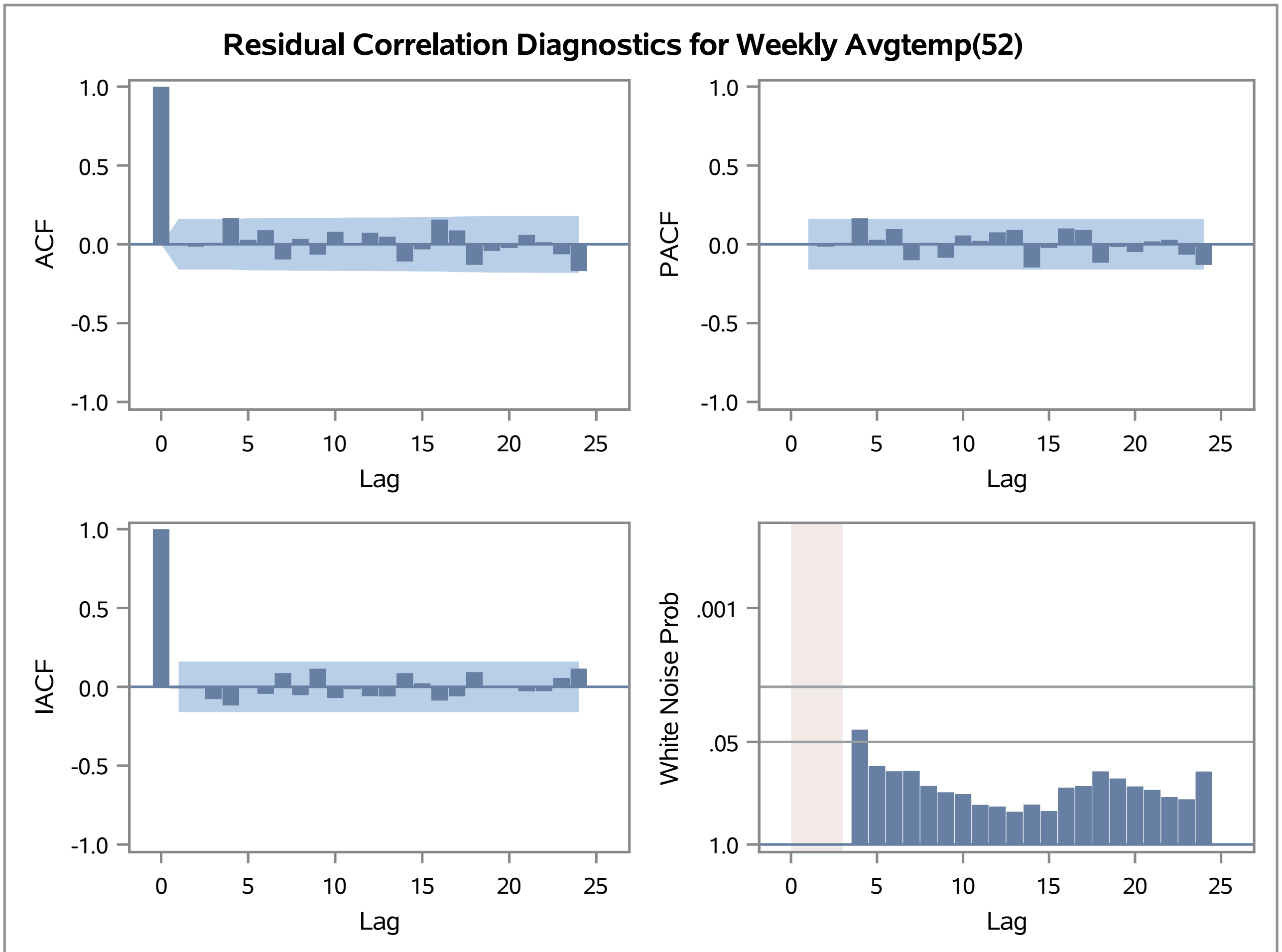


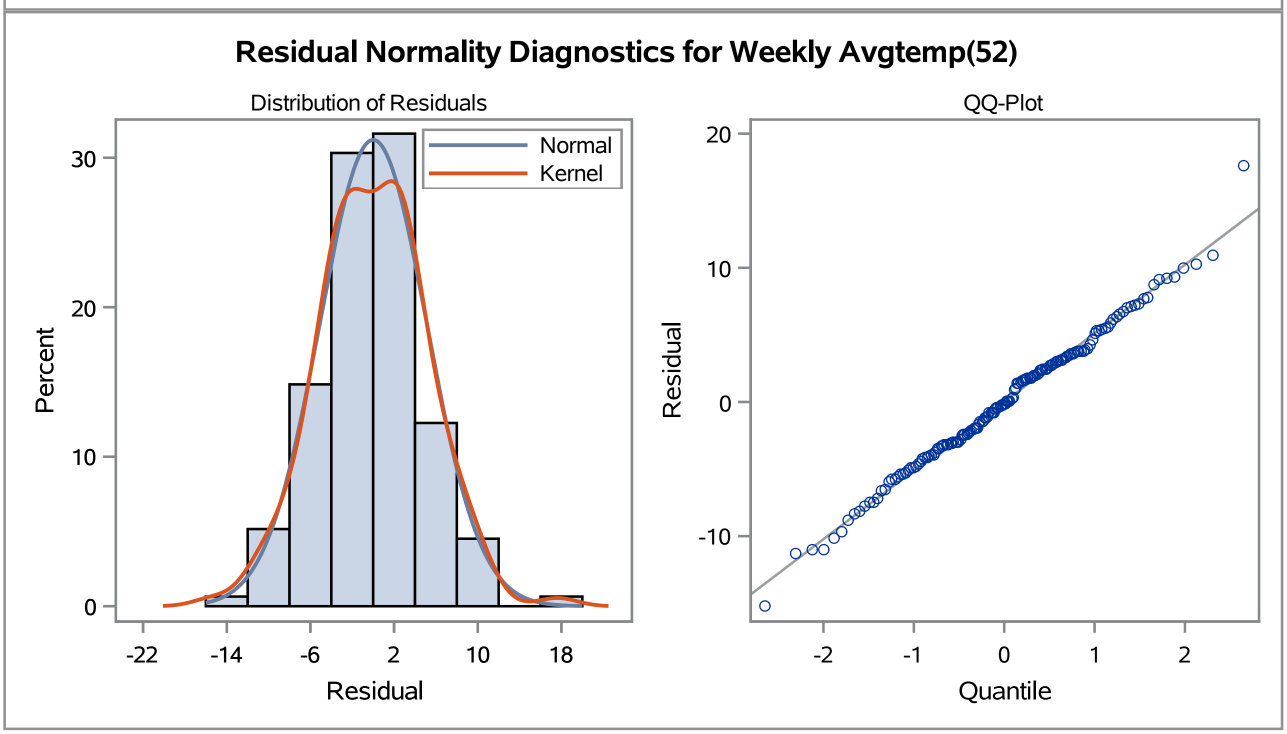
Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag
MU	-1.04636	0.72605	-1.44	0.1495	0
MA1,1	-0.30478	0.52390	-0.58	0.5607	1
AR1,1	0.24985	0.53100	0.47	0.6380	1
AR1,2	0.0079807	0.28278	0.03	0.9775	2

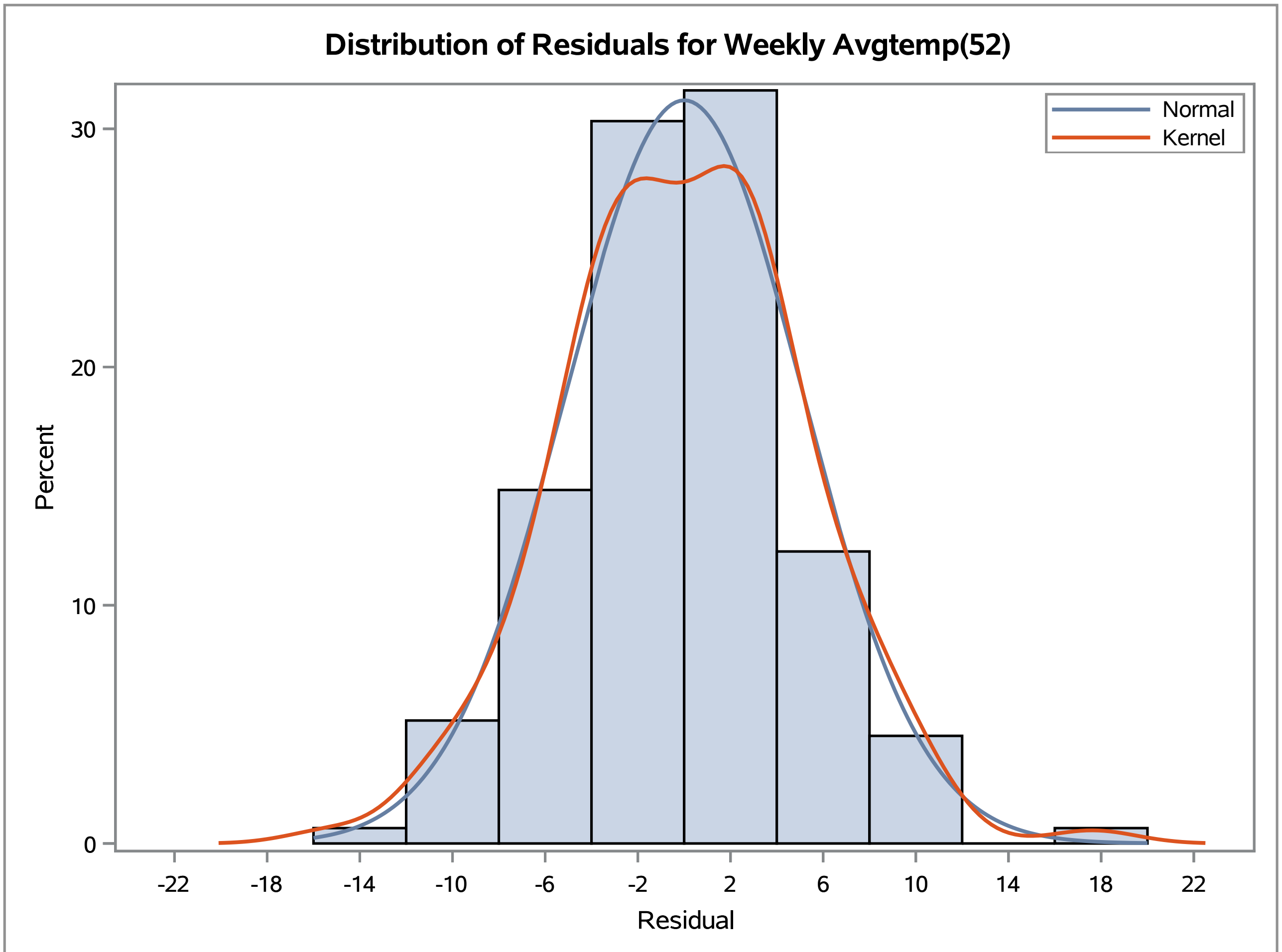
Constant Estimate	-0.77658
Variance Estimate	26.68438
Std Error Estimate	5.165693
AIC	953.1591
SBC	965.3328
Number of Residuals	155

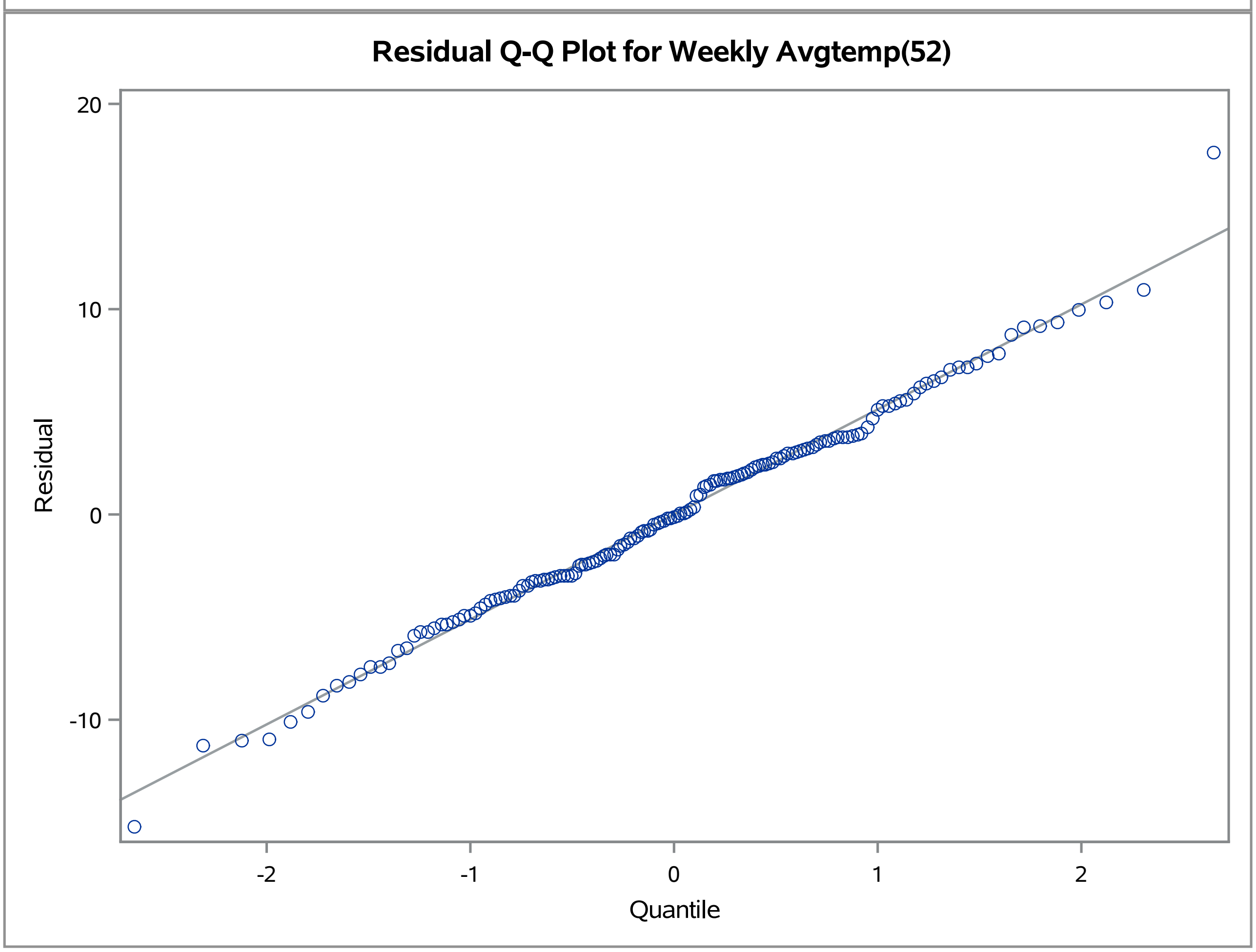
Correlations of Parameter Estimates				
Parameter	MU	MA1,1	AR1,1	AR1,2
MU	1.000	0.006	0.006	-0.010
MA1,1	0.006	1.000	0.988	-0.957
AR1,1	0.006	0.988	1.000	-0.957
AR1,2	-0.010	-0.957	-0.957	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	5.88	3	0.1178	0.003	-0.014	0.009	0.165	0.028	0.089
12	10.26	9	0.3298	-0.096	0.034	-0.065	0.079	-0.001	0.073
18	21.62	15	0.1182	0.049	-0.109	-0.032	0.157	0.088	-0.131
24	28.81	21	0.1186	-0.042	-0.024	0.060	0.013	-0.063	-0.170
30	35.63	27	0.1236	-0.058	-0.046	0.061	0.056	-0.034	-0.148


Residual Correlation Diagnostics for Weekly Avgtemp(52)
ACF
PACF
IACF
White Noise Prob
Lag
.001
.05
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25


Residual Normality Diagnostics for Weekly Avgtemp(52)
Distribution of Residuals
QQ-Plot
Normal
Kernel
Percent
Residual
Quantile
30
20
10
0
-10
-22
-14
-6
2
10
18
-2
-1
1
2


Distribution of Residuals for Weekly Avgtemp(52)
Normal
Kernel
30
20
10
0
Percent
-22
-18
-14
-10
-6
-2
2
6
10
14
18
22
Residual


Residual Q-Q Plot for Weekly Avgtemp(52)
20
10
0
-10
Residual
-2
-1
0
1
2
Quantile

Model for variable Weekly Avgtemp	
Estimated Mean	-1.04636
Period(s) of Differencing	52

Autoregressive Factors	
Factor 1:	1 - 0.24985 B**(1) - 0.00798 B**(2)

Moving Average Factors	
Factor 1:	1 + 0.30478 B**(1)

Warning: Unless PRINTALL is specified along with the options given in the current FORECAST statement, the FORECAST statement will do nothing.