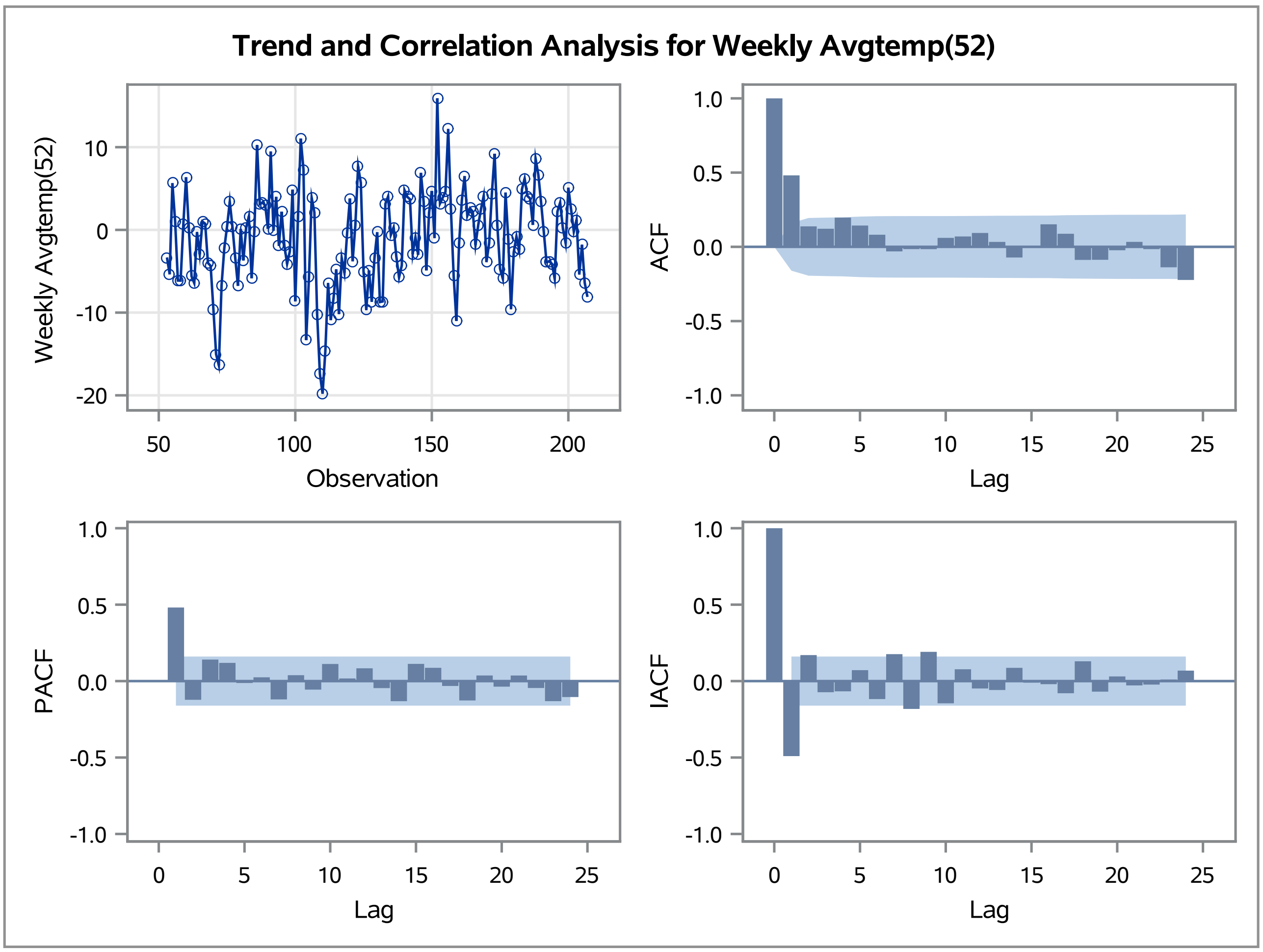
Name of Variable = Weekly Avgtemp	
Period(s) of Differencing	52
Mean of Working Series	-1.01703
Standard Deviation	5.886649
Number of Observations	155
Observation(s) eliminated by differencing	52

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

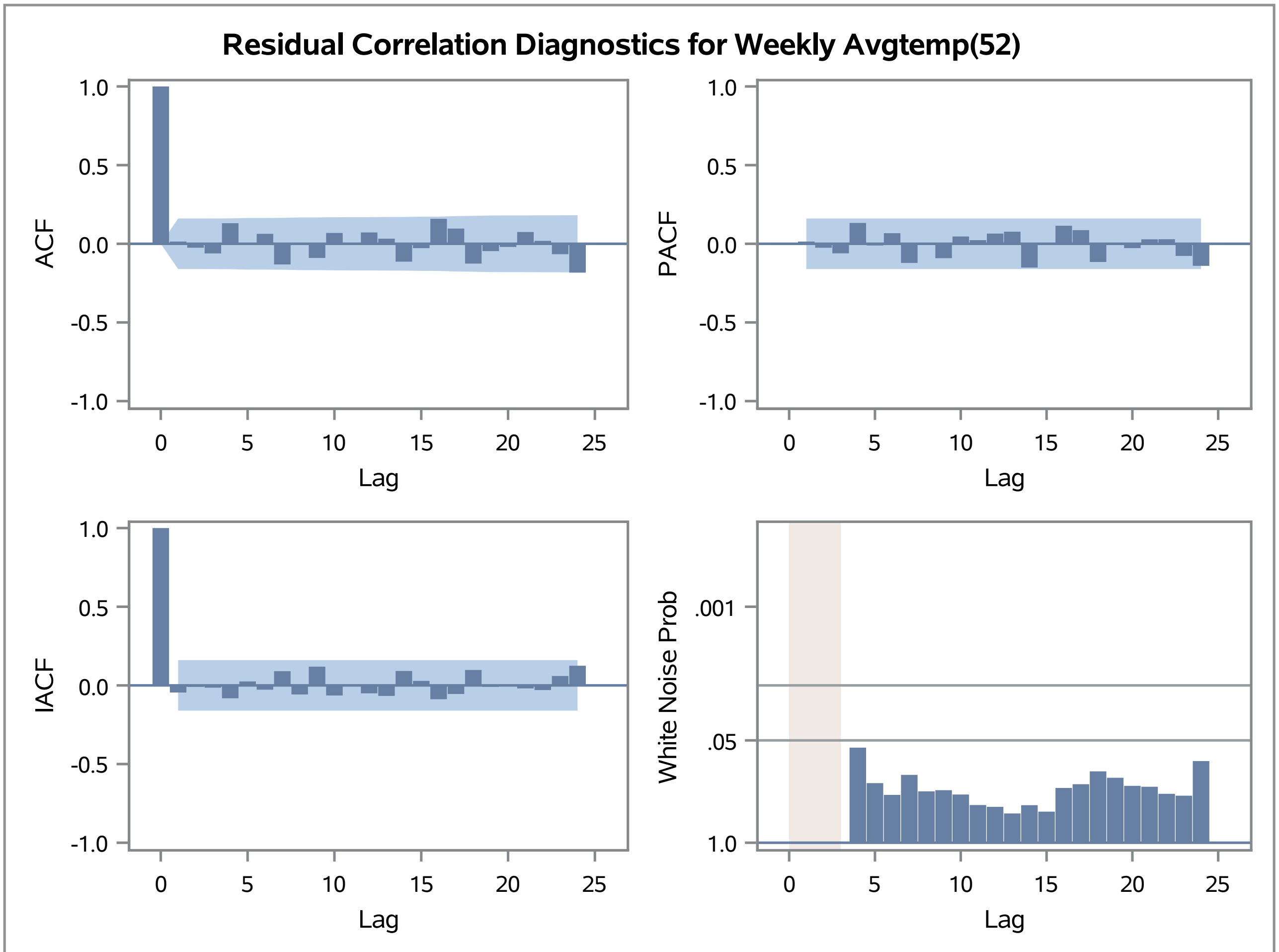


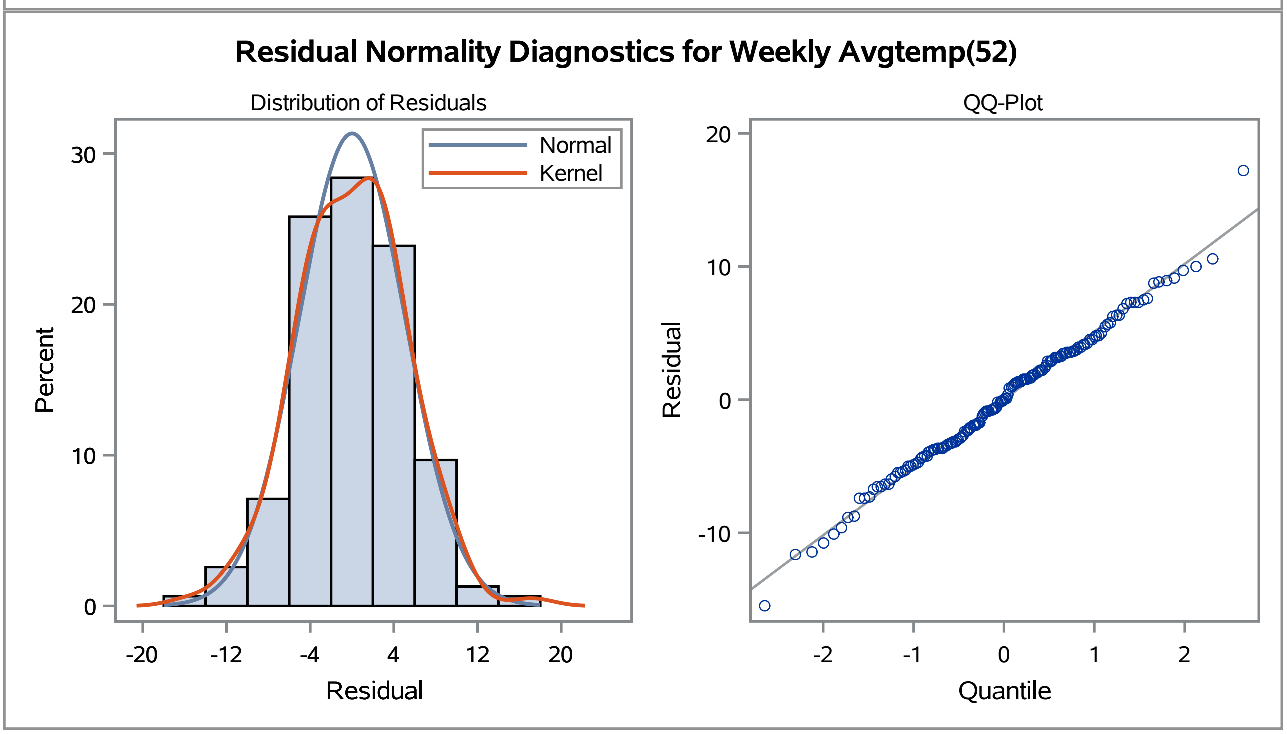
Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag
MU	-1.08158	0.91251	-1.19	0.2359	0
MA1,1	0.27786	0.23506	1.18	0.2372	1
MA1,2	0.28738	0.15570	1.85	0.0649	2
AR1,1	0.80592	0.20744	3.89	0.0001	1

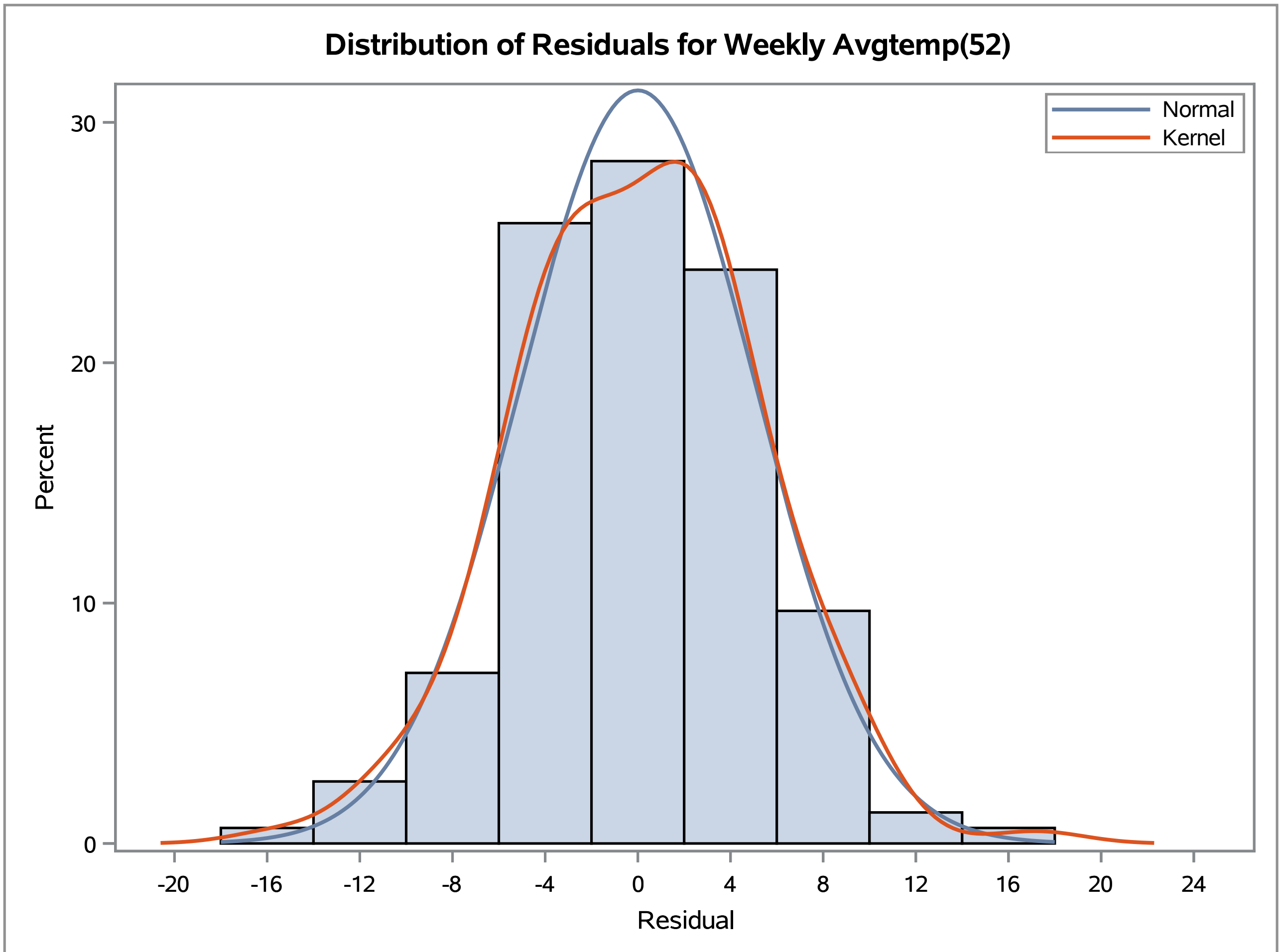
Constant Estimate	-0.20991
Variance Estimate	26.45811
Std Error Estimate	5.143745
AIC	951.8591
SBC	964.0328
Number of Residuals	155

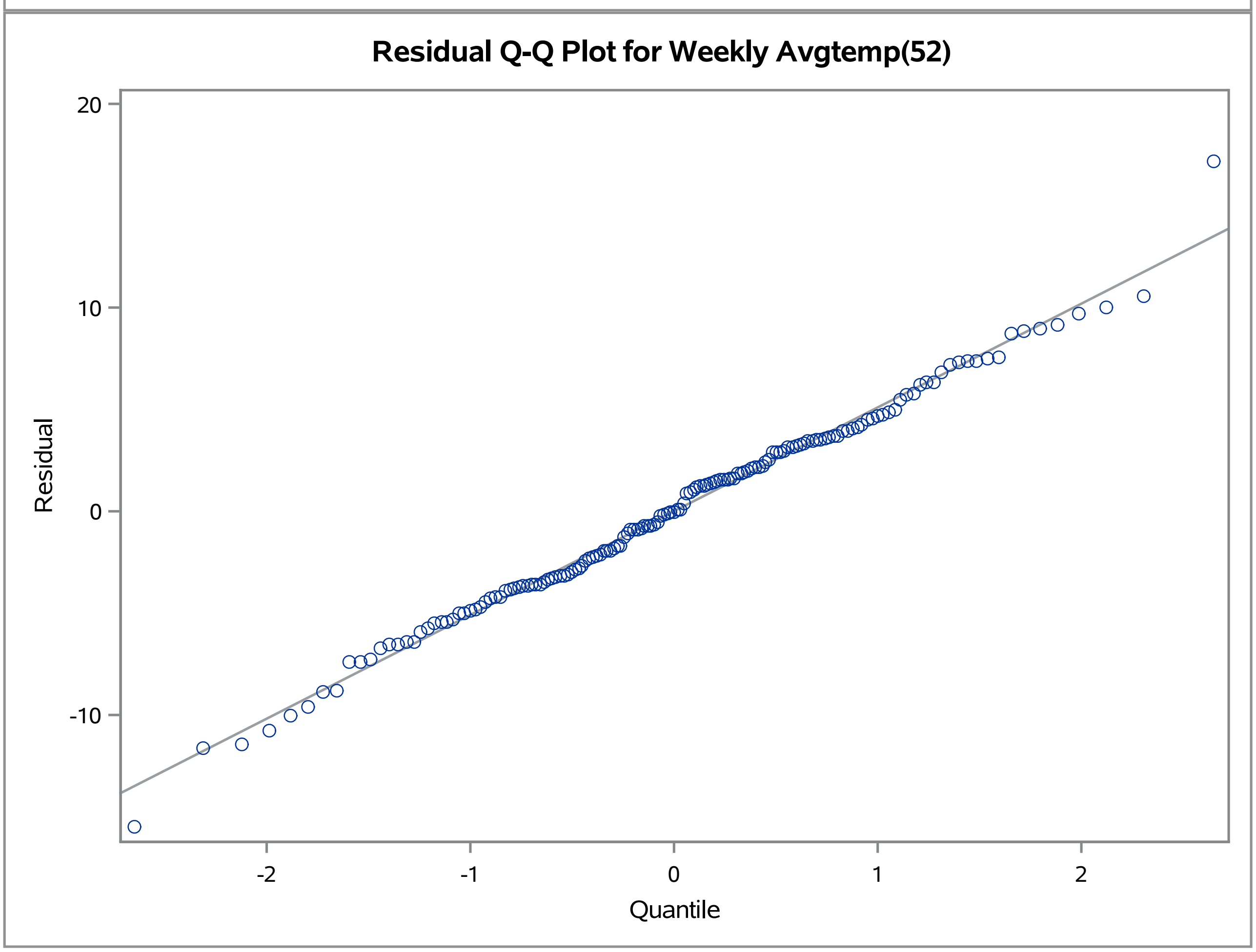
Correlations of Parameter Estimates				
Parameter	MU	MA1,1	MA1,2	AR1,1
MU	1.000	-0.027	-0.017	-0.031
MA1,1	-0.027	1.000	0.750	0.943
MA1,2	-0.017	0.750	1.000	0.864
AR1,1	-0.031	0.943	0.864	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	4.14	3	0.2464	0.014	-0.025	-0.061	0.131	-0.003	0.063
12	10.01	9	0.3500	-0.131	0.004	-0.090	0.069	-0.001	0.072
18	21.43	15	0.1238	0.032	-0.114	-0.028	0.159	0.097	-0.126
24	30.02	21	0.0917	-0.046	-0.020	0.075	0.019	-0.066	-0.183
30	37.44	27	0.0871	-0.069	-0.041	0.079	0.063	-0.033	-0.145


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


Residual Normality Diagnostics for Weekly Avgtemp(52)
Distribution of Residuals
Normal
Kernel
Percent
Residual
-20
-12
-4
4
12
20
QQ-Plot
Quantile


Distribution of Residuals for Weekly Avgtemp(52)
Normal
Kernel
Percent
30
20
10
0
-20
-16
-12
-8
-4
0
4
8
12
16
20
24
Residual


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

Model for variable Weekly Avgtemp	
Estimated Mean	-1.08158
Period(s) of Differencing	52

Autoregressive Factors	
Factor 1:	1 - 0.80592 B**(1)

Moving Average Factors	
Factor 1:	1 - 0.27786 B**(1) - 0.28738 B**(2)

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