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

Trend and Correlation Analysis for Weekly Avgtemp(52)
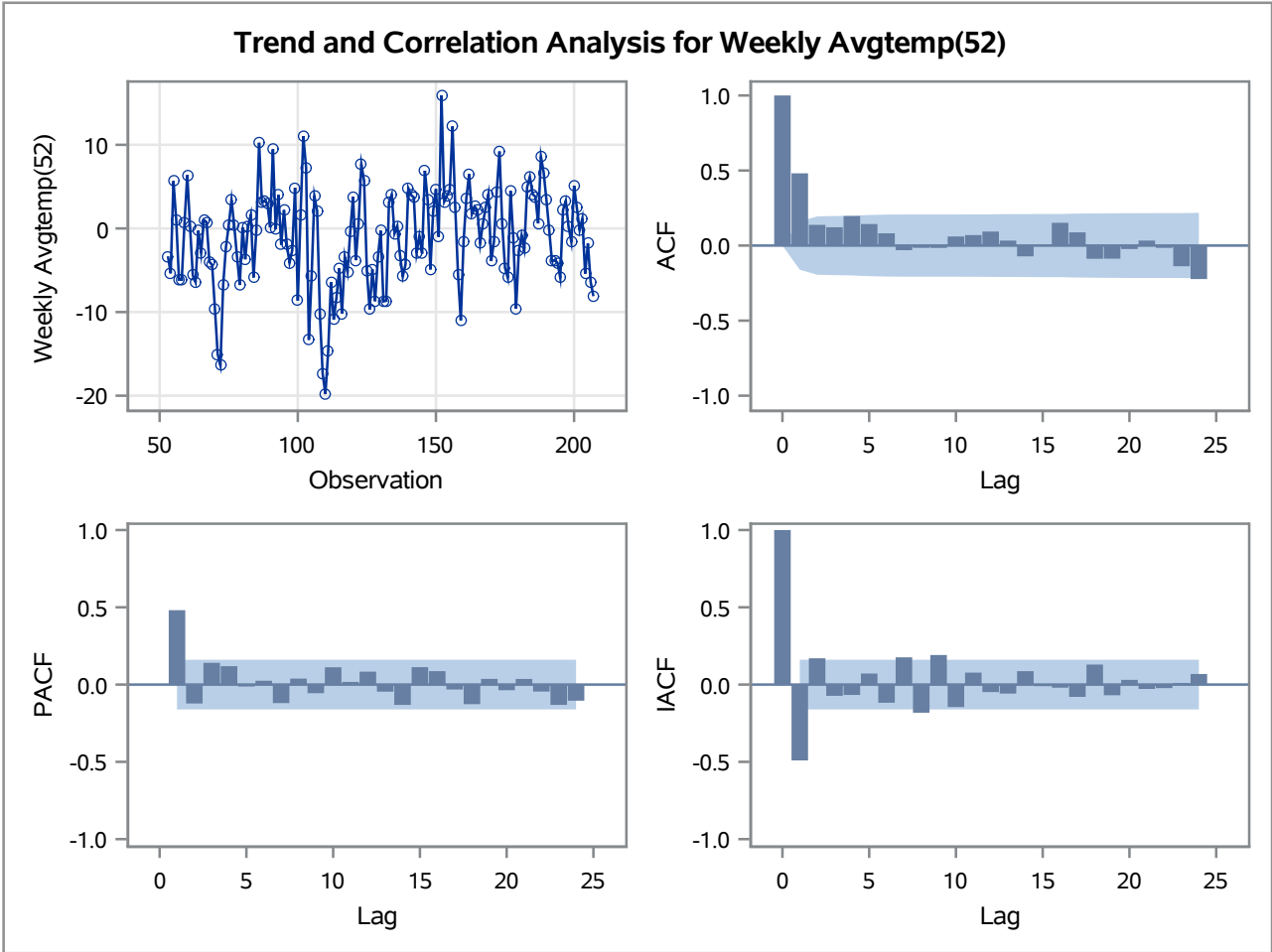
Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag
MU	-1.04588	0.72129	-1.45	0.1471	0
MA1,1	-0.29299	0.15145	-1.93	0.0530	1
AR1,1	0.26211	0.15297	1.71	0.0866	1

Constant Estimate	-0.77174
Variance Estimate	26.50917
Std Error Estimate	5.148706
AIC	951.1615
SBC	960.2918
Number of Residuals	155

Correlations of Parameter Estimates			
Parameter	MU	MA1,1	AR1,1
MU	1.000	-0.011	-0.013
MA1,1	-0.011	1.000	0.859
AR1,1	-0.013	0.859	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	5.87	4	0.2087	0.003	-0.013	0.011	0.165	0.028	0.089
12	10.24	10	0.4198	-0.096	0.034	-0.065	0.079	-0.001	0.073
18	21.55	16	0.1584	0.049	-0.109	-0.032	0.156	0.088	-0.130
24	28.70	22	0.1537	-0.041	-0.024	0.059	0.013	-0.063	-0.170
30	35.47	28	0.1566	-0.058	-0.046	0.060	0.056	-0.034	-0.148

Residual Correlation Diagnostics for Weekly Avgtemp(52)

Residual Normality Diagnostics for Weekly Avgtemp(52)

Distribution of Residuals for Weekly Avgtemp(52)

Residual Q-Q Plot for Weekly Avgtemp(52)
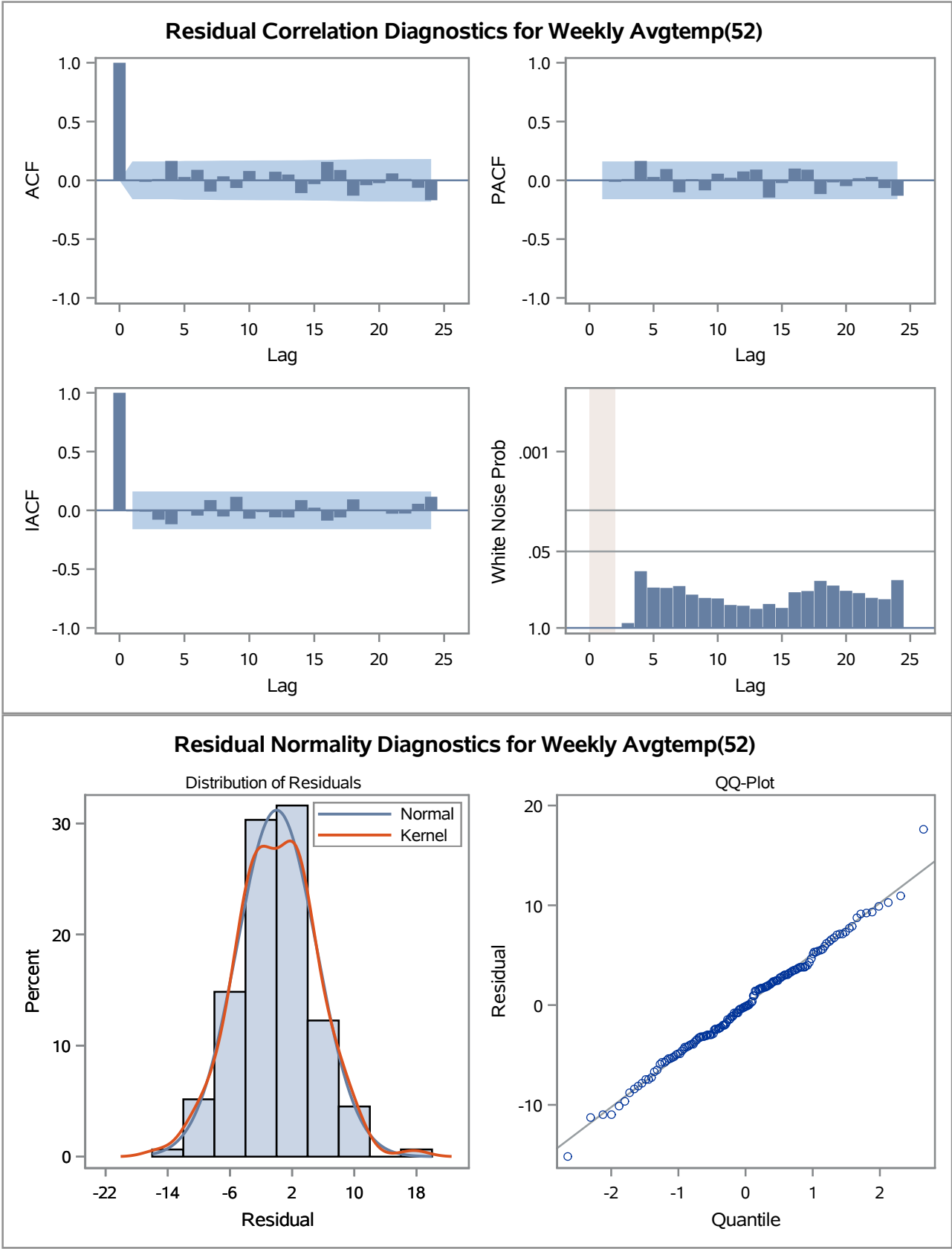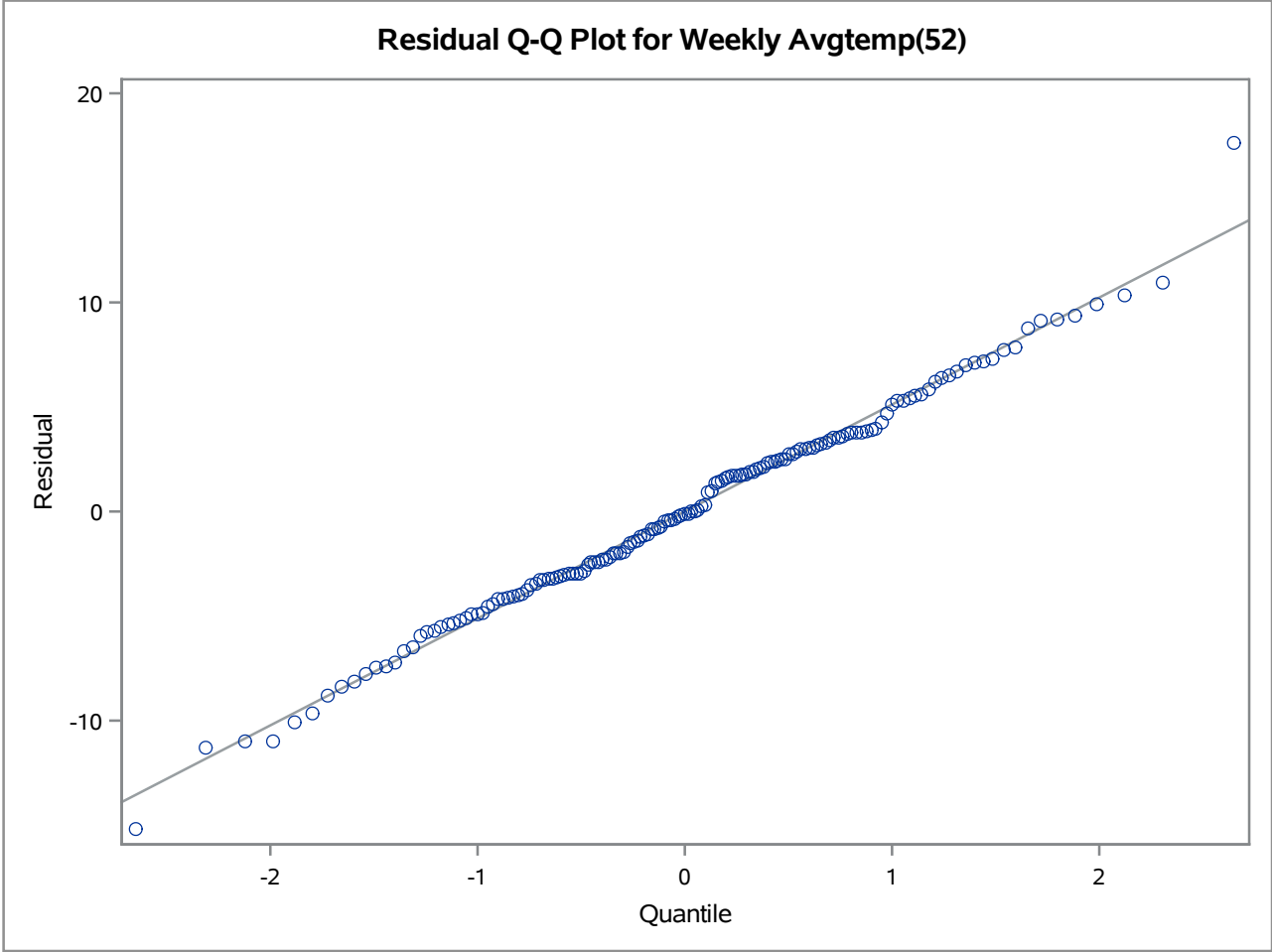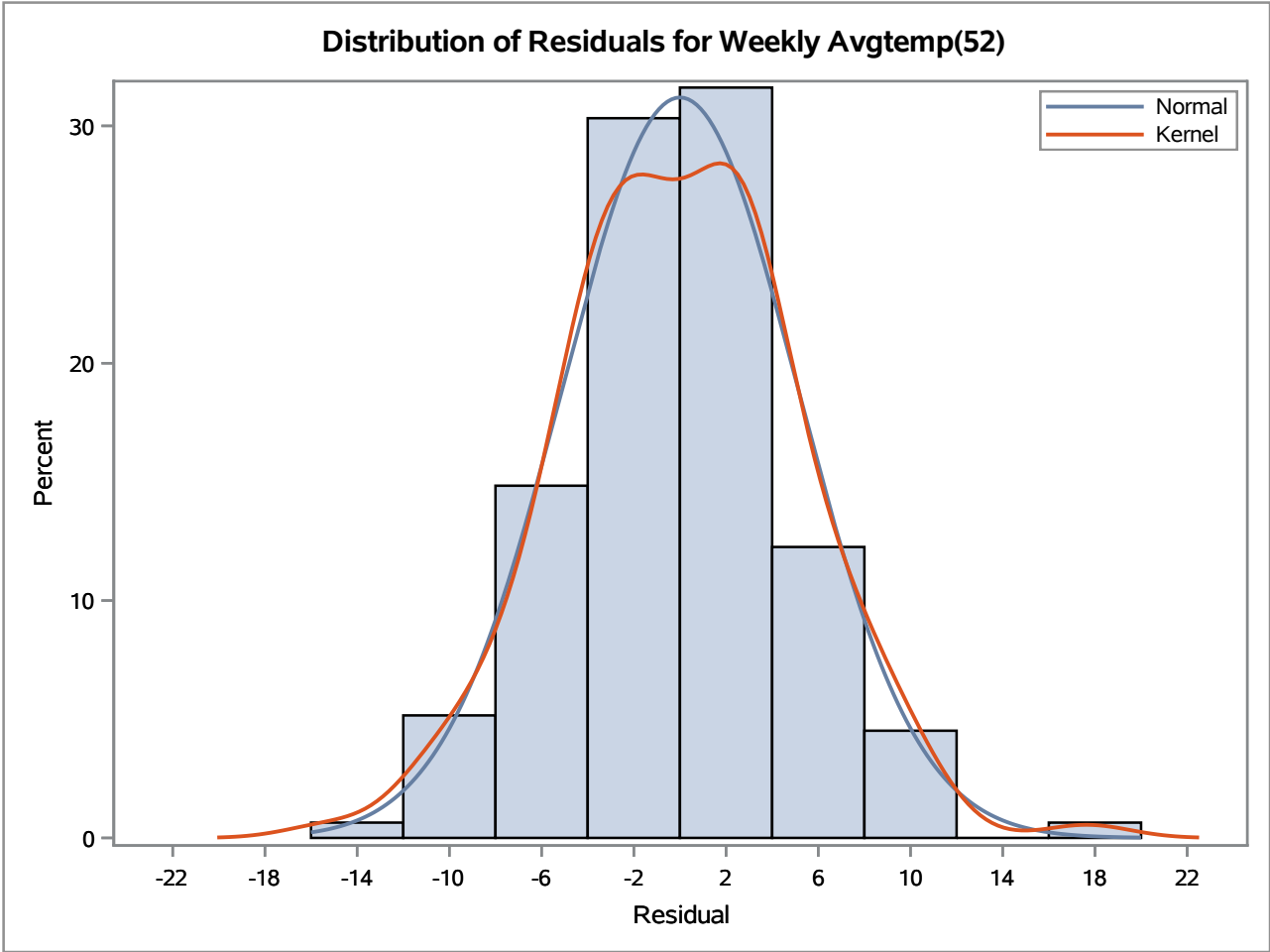
Model for variable Weekly Avgtemp	
Estimated Mean	-1.04588
Period(s) of Differencing	52

Autoregressive Factors	
Factor 1:	1 - 0.26211 B**(1)

Moving Average Factors	
Factor 1:	1 + 0.29299 B**(1)

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