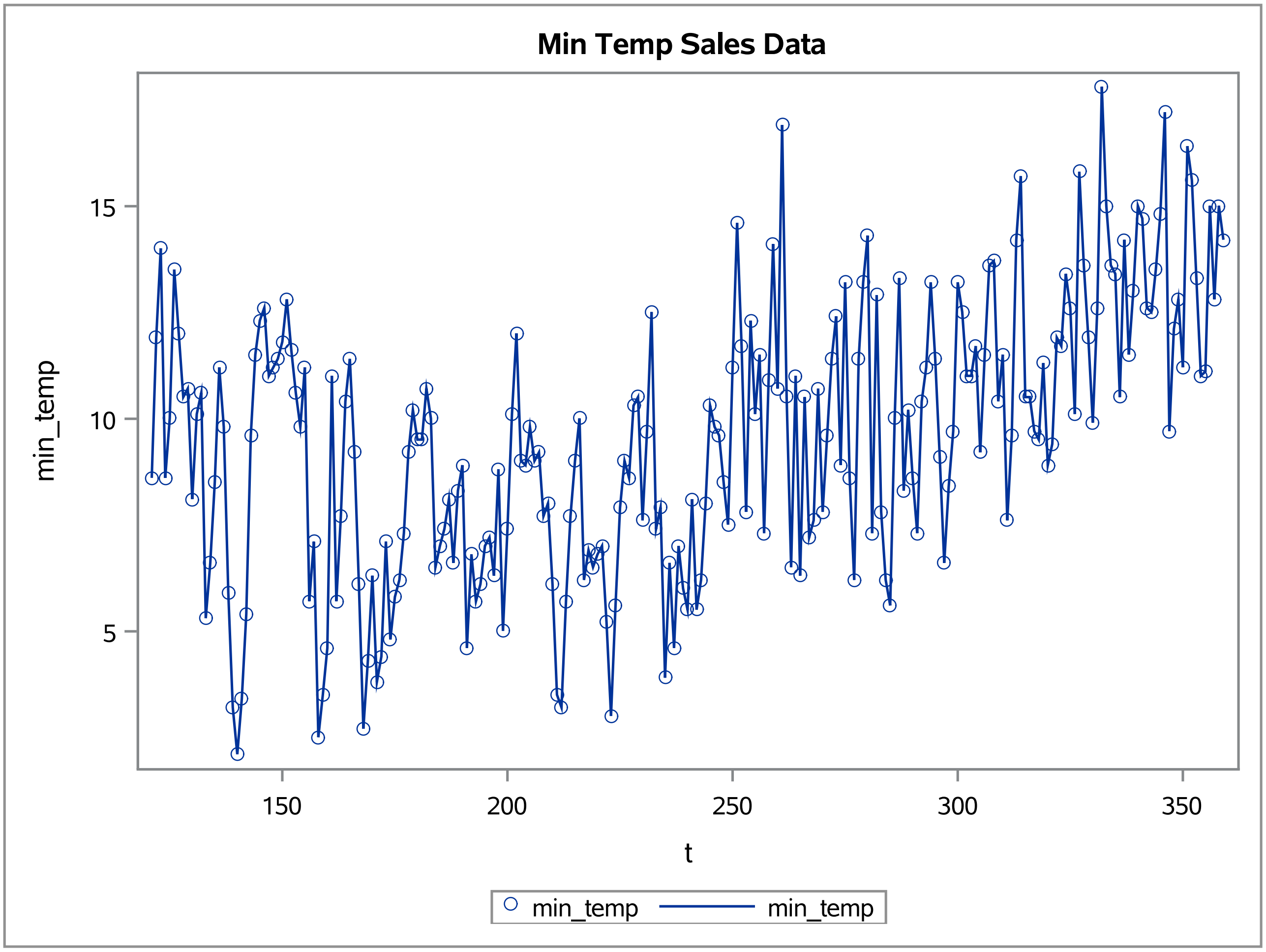

Min Temp Sales Data
min_temp
15
10
5
150
200
250
300
350
t
min_temp
min_temp

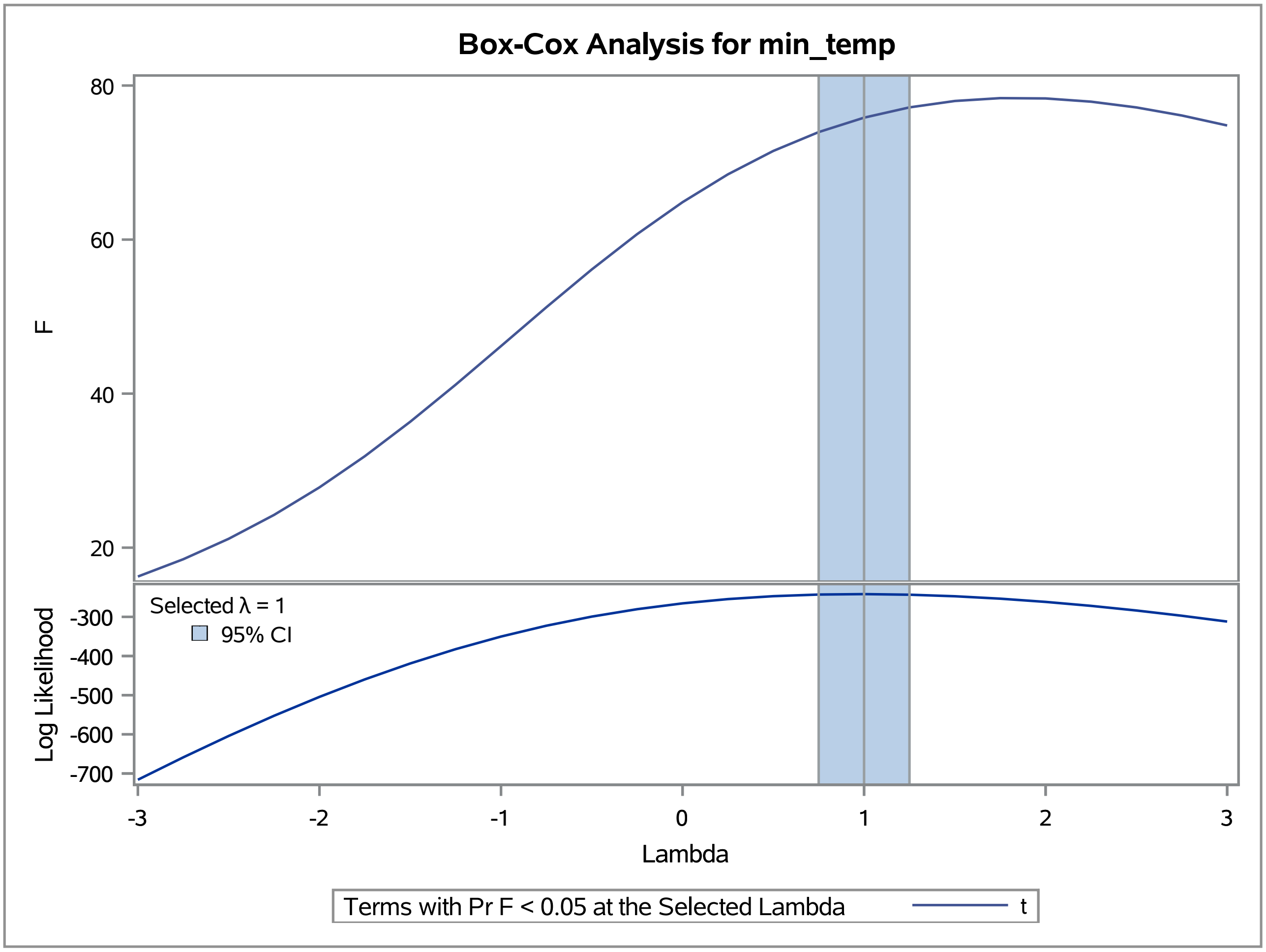
Min Temp Sales Data

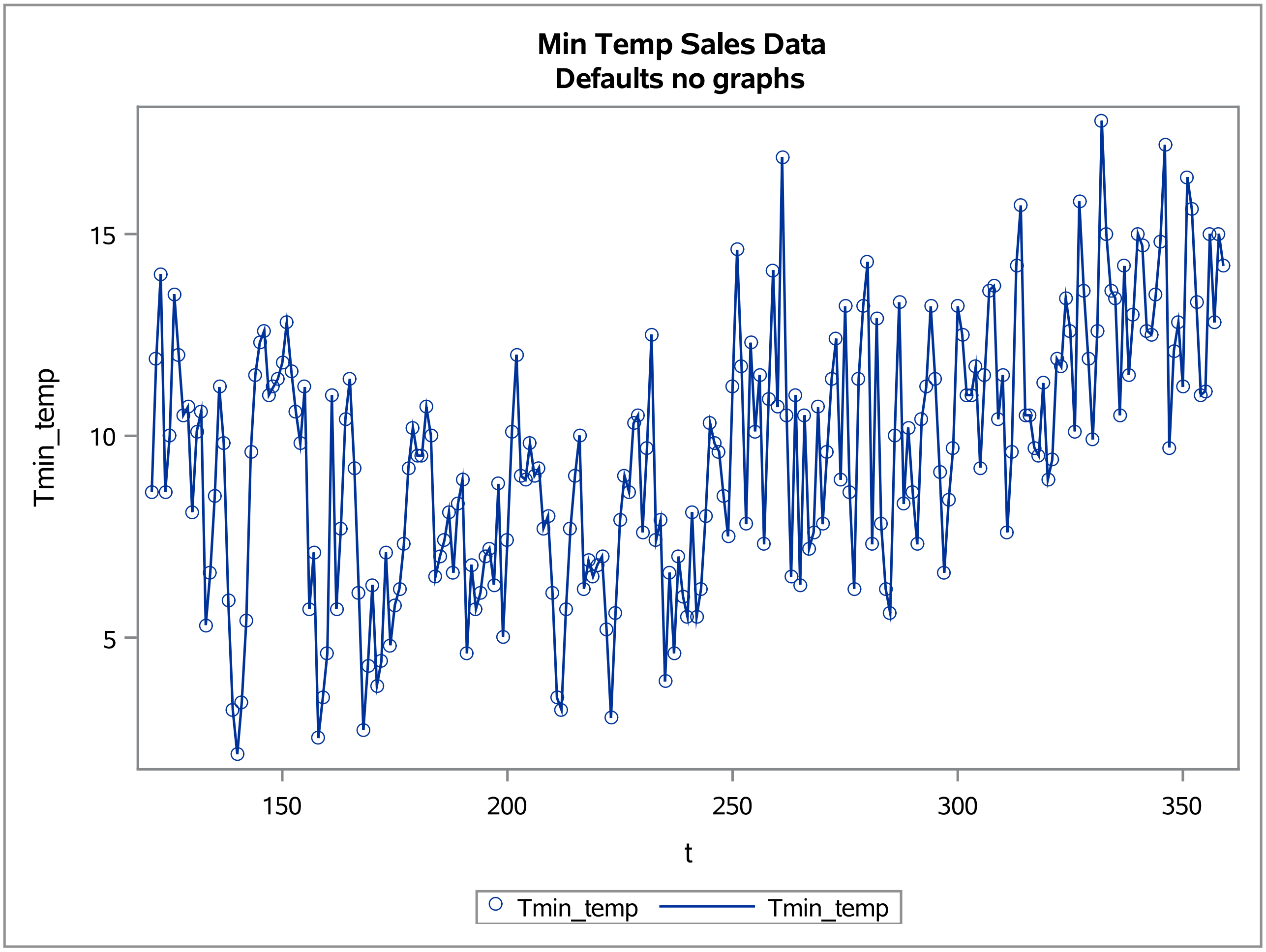
The MEANS Procedure

Variable	Minimum	Maximum	Median
Date	7791.00	8029.00	7910.00
min_temp	2.1100000	17.8100000	9.7100000
t	121.0000000	359.0000000	240.0000000

Min Temp Sales Data
Defaults no graphs

The TRANSREG Procedure



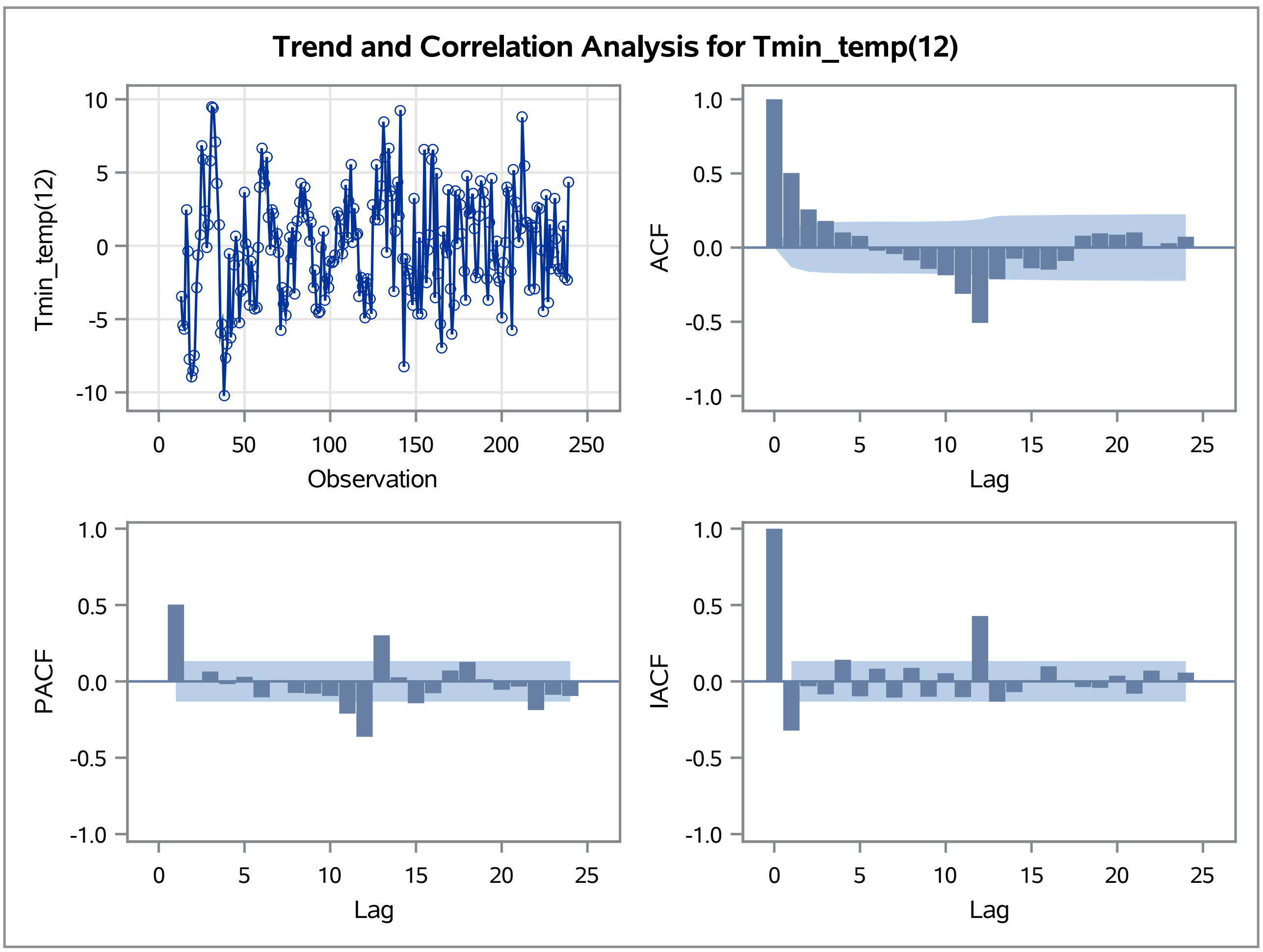

Min Temp Sales Data
Defaults no graphs
Tmin_temp
15
10
5
150
200
250
300
350
t
Tmin_temp
Tmin_temp

Min Temp Sales Data
Defaults no graphs

The ARIMA Procedure

Name of Variable = Tmin_temp	
Period(s) of Differencing	12
Mean of Working Series	0
Standard Deviation	3.770852
Number of Observations	227
Observation(s) eliminated by differencing	12

Autocorrelation Check for White Noise									
To Lag	**Chi-Square**	**DF**	**Pr > ChiSq**	**Autocorrelations**					
6	84.97	6	<.0001	0.503	0.257	0.180	0.102	0.079	-0.021
12	186.24	12	<.0001	-0.043	-0.086	-0.144	-0.187	-0.312	-0.508
18	212.50	18	<.0001	-0.214	-0.074	-0.139	-0.149	-0.090	0.080
24	220.99	24	<.0001	0.096	0.087	0.102	0.010	0.030	0.073



Min Temp Sales Data
Defaults no graphs

The ARIMA Procedure

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > |t|	Lag
MA1,1	0.88379	0.06454	13.69	<.0001	12
AR1,1	0.55432	0.05376	10.31	<.0001	1

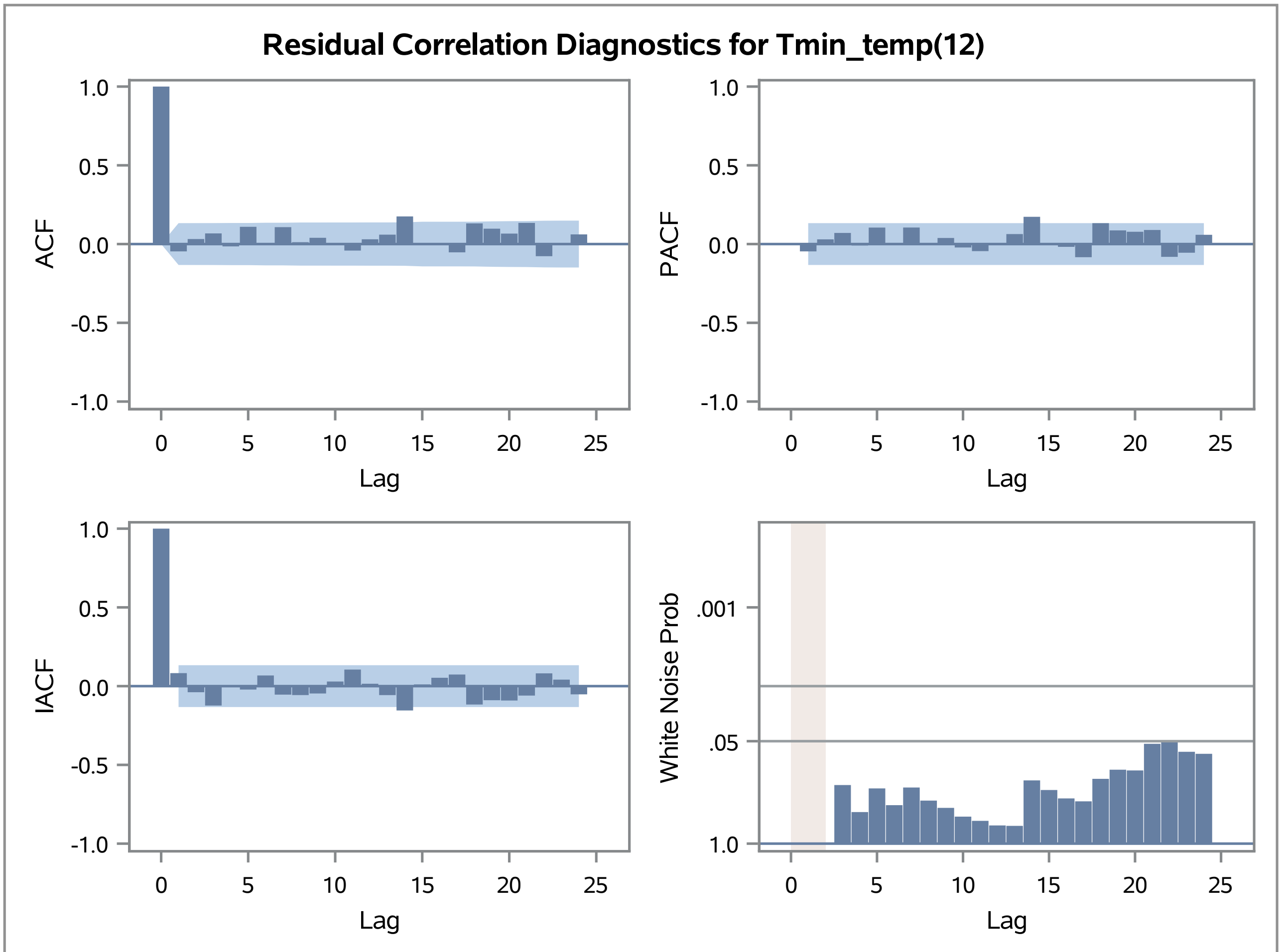
Variance Estimate	6.144671
Std Error Estimate	2.478845
AIC	1076.834
SBC	1083.683
Number of Residuals	227

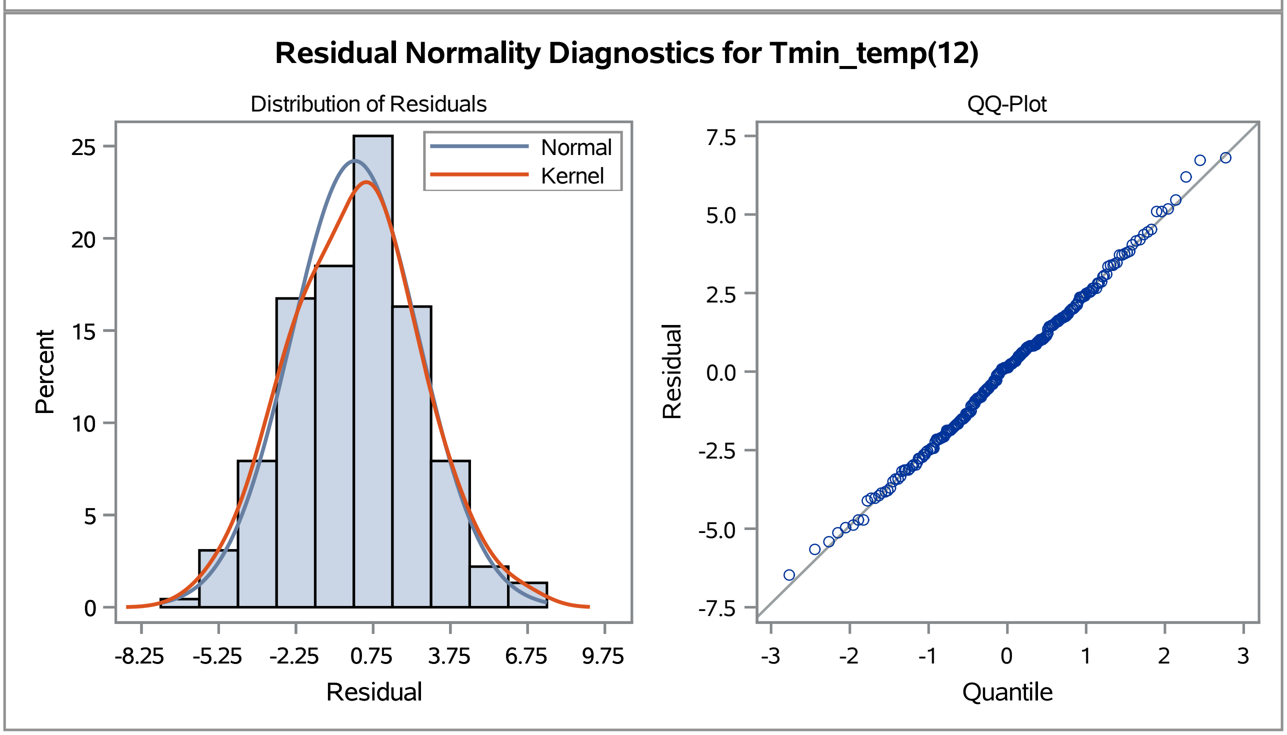
Correlations of Parameter Estimates		
Parameter	MA1,1	AR1,1
MA1,1	1.000	0.040
AR1,1	0.040	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	4.67	4	0.3227	-0.046	0.032	0.068	-0.015	0.110	0.002
12	8.48	10	0.5825	0.108	0.012	0.040	0.001	-0.041	0.031
18	21.86	16	0.1477	0.060	0.176	-0.005	-0.004	-0.052	0.131
24	32.36	22	0.0715	0.097	0.066	0.134	-0.077	0.003	0.061
30	42.83	28	0.0361	0.053	0.029	0.090	0.167	0.021	0.005
36	49.18	34	0.0446	-0.007	0.116	0.021	0.030	0.088	-0.033
42	50.81	40	0.1175	0.031	0.010	0.029	-0.043	0.046	-0.002

Min Temp Sales Data
Defaults no graphs

The ARIMA Procedure





Min Temp Sales Data
Defaults no graphs

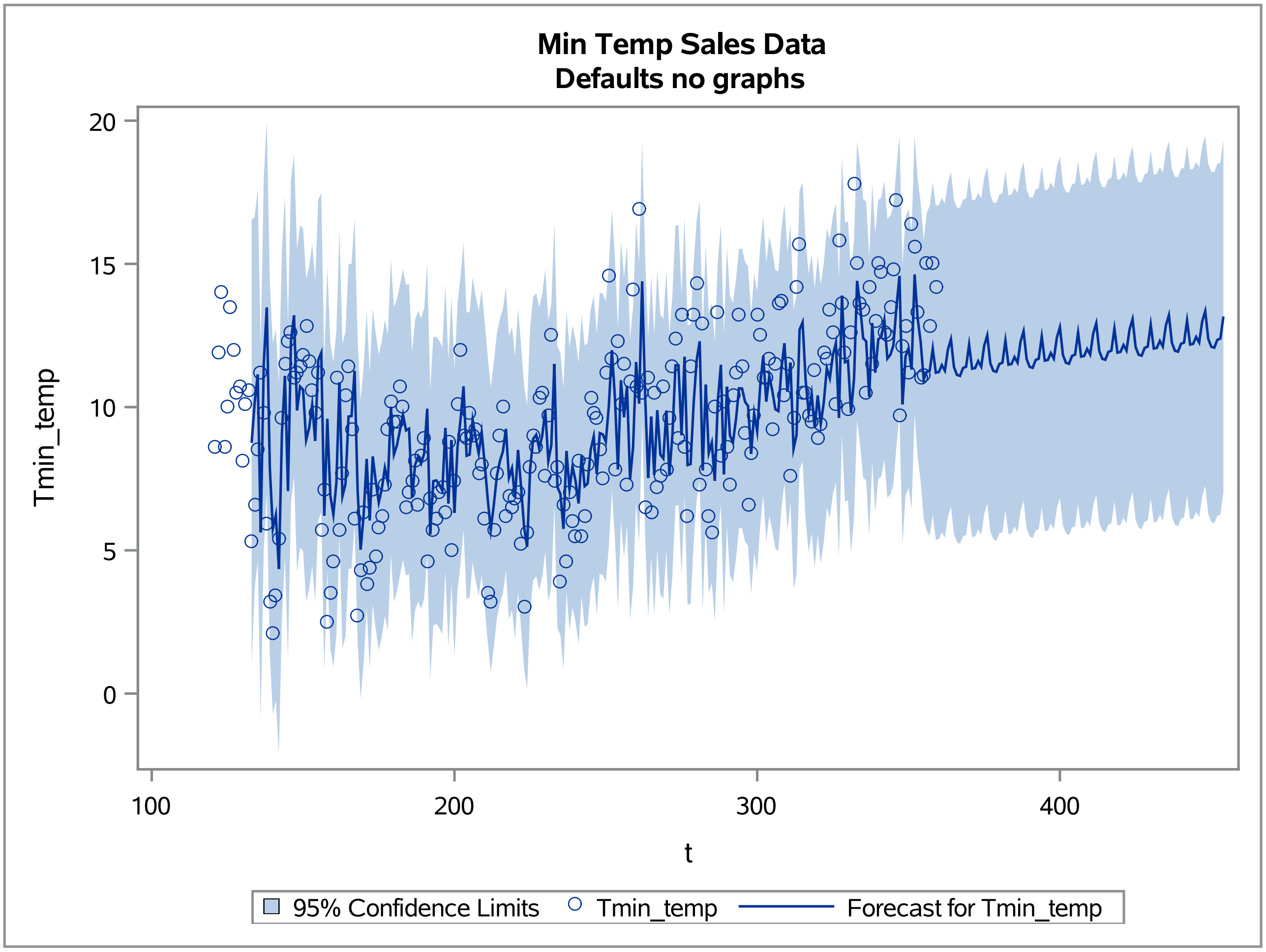
The ARIMA Procedure

Model for variable Tmin_temp	
Data have been centered by subtracting the value	0.140529
Period(s) of Differencing	12

No mean term in this model.

Autoregressive Factors	
Factor 1:	1 - 0.55432 B**(1)

Moving Average Factors	
Factor 1:	1 - 0.88379 B**(12)



Min Temp Sales Data
Defaults no graphs
Tmin_temp
20
15
10
5
0
100
200
300
400
t
95% Confidence Limits
Tmin_temp
Forecast for Tmin_temp