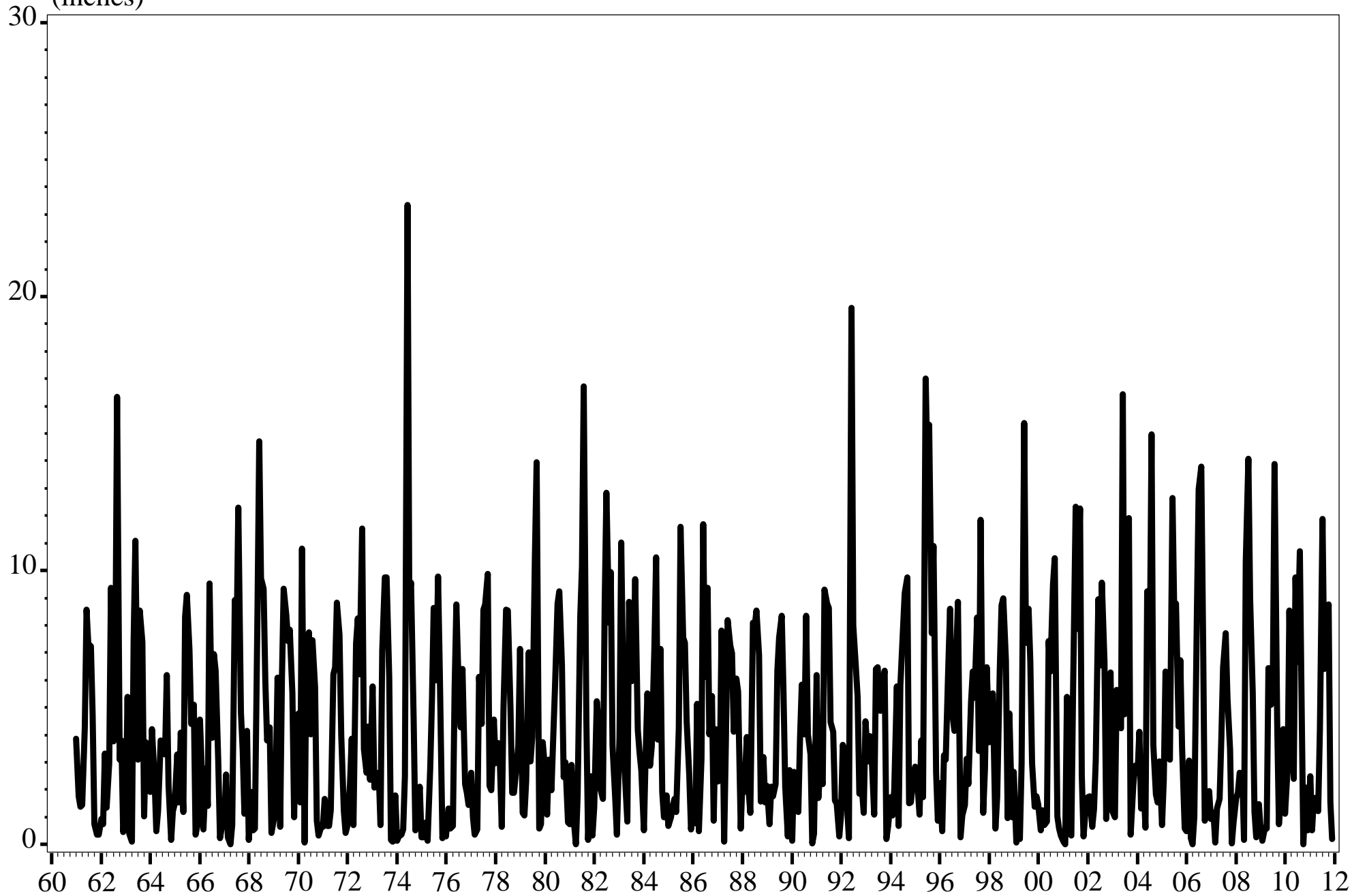


Charlotte Harbor Proper Trends Appendix - Display 1

Monthly Data Time Series

Adjusted for Seasonal Medians

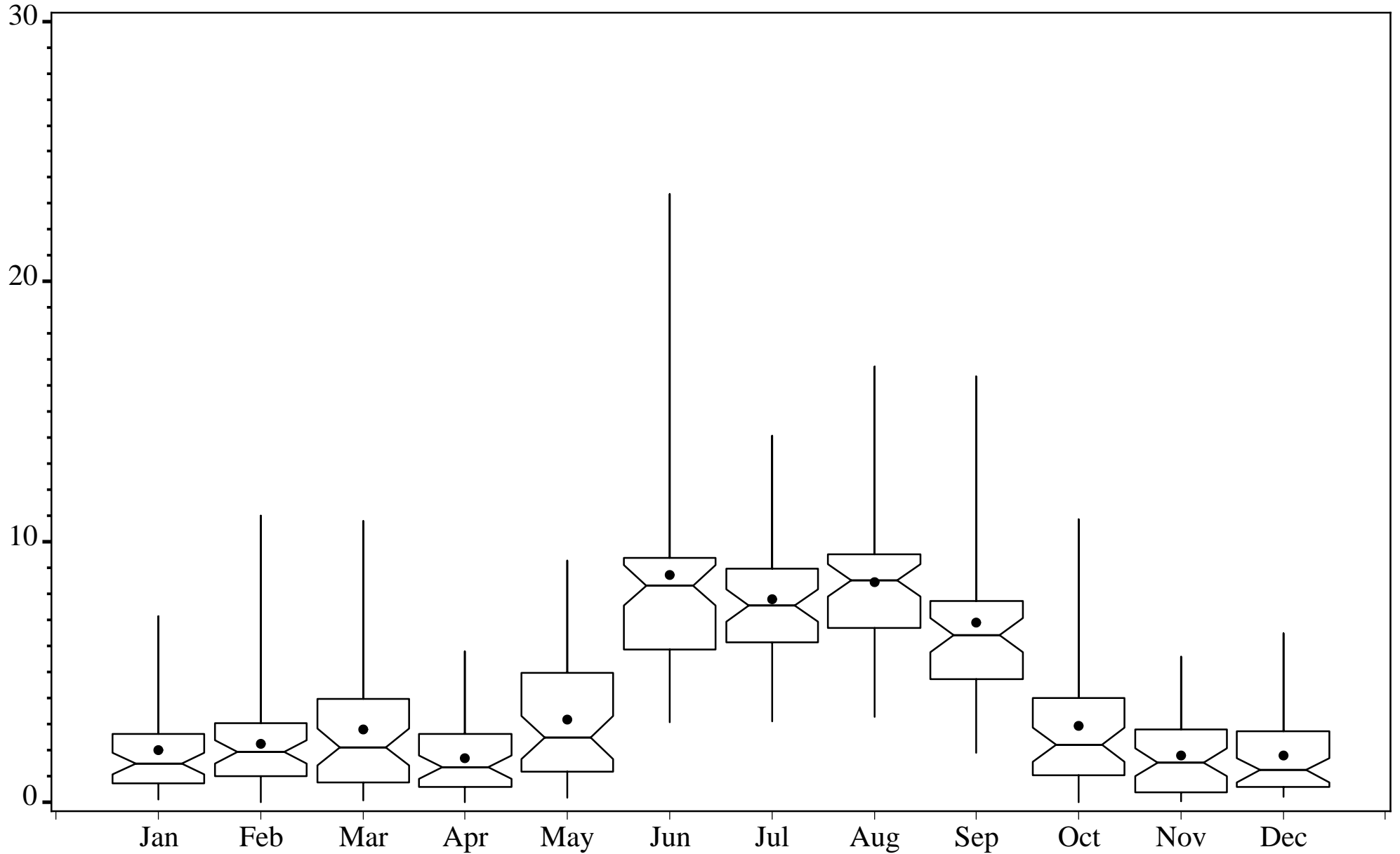
Total Precipitation
(inches)



Charlotte Harbor Proper Trends Appendix - Display 2

Seasonal Univariate Statistics

Total Precipitation
(inches)



Charlotte Harbor Proper Trends Appendix - Display 3

Autocorrelation Statistics

Unadjusted for Seasonal Medians

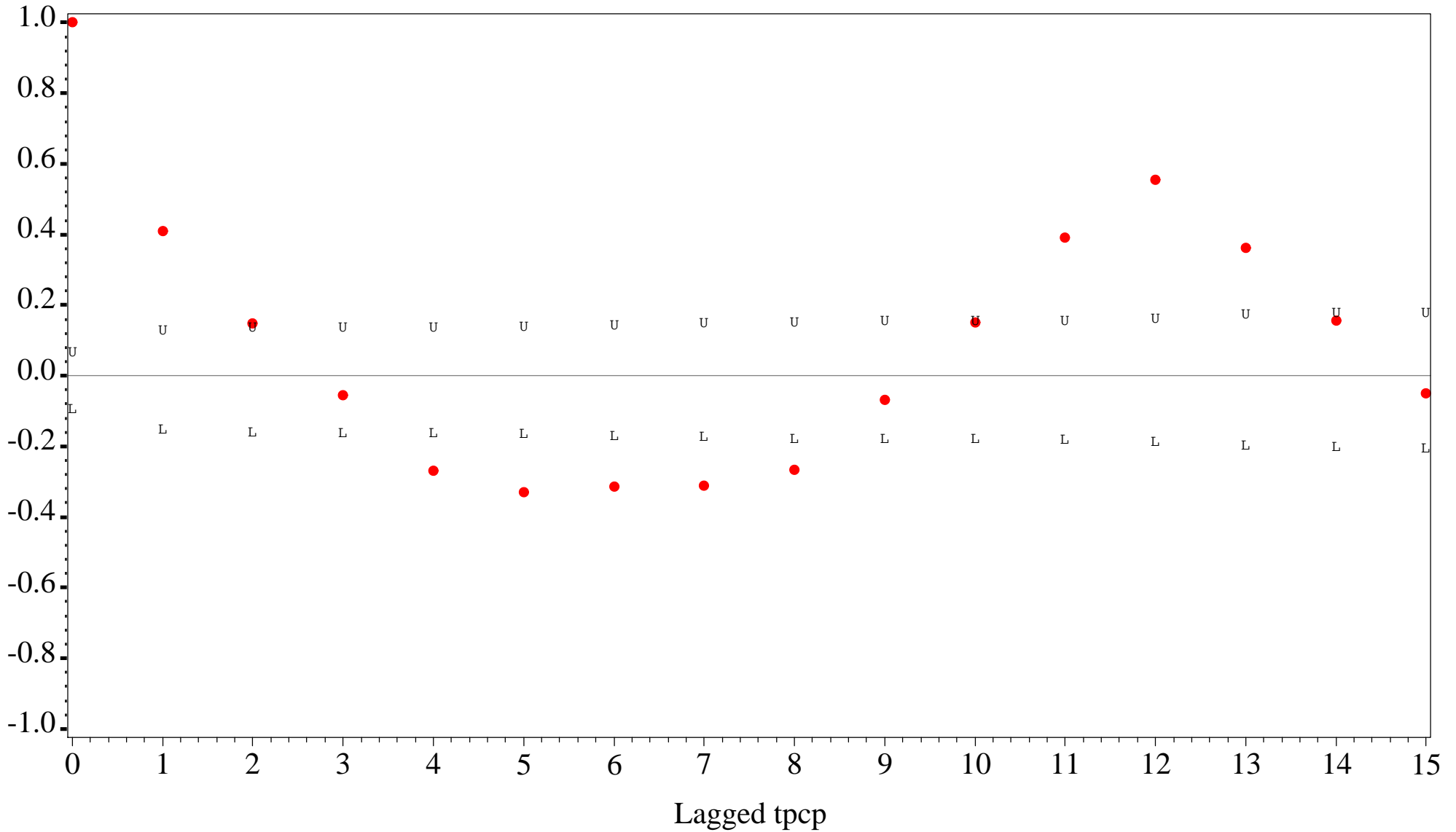
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.411	0.070	0.140	-0.140
2	0.148	0.074	0.148	-0.148
3	-0.054	0.074	0.149	-0.149
4	-0.270	0.074	0.149	-0.149
5	-0.331	0.076	0.152	-0.152
6	-0.313	0.078	0.157	-0.157
7	-0.310	0.080	0.161	-0.161
8	-0.266	0.082	0.165	-0.165
9	-0.069	0.084	0.167	-0.167
10	0.152	0.084	0.167	-0.167
11	0.392	0.084	0.168	-0.168
12	0.554	0.087	0.174	-0.174
13	0.361	0.093	0.185	-0.185
14	0.156	0.095	0.190	-0.190
15	-0.050	0.095	0.191	-0.191

Charlotte Harbor Proper Trends Appendix - Display 4

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Charlotte Harbor Proper Trends Appendix - Display 5

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.014	0.606	0.63	.002

Charlotte Harbor Proper Trends Appendix - Display 6

Seasonal Kendall Tau Trend Test Statistics

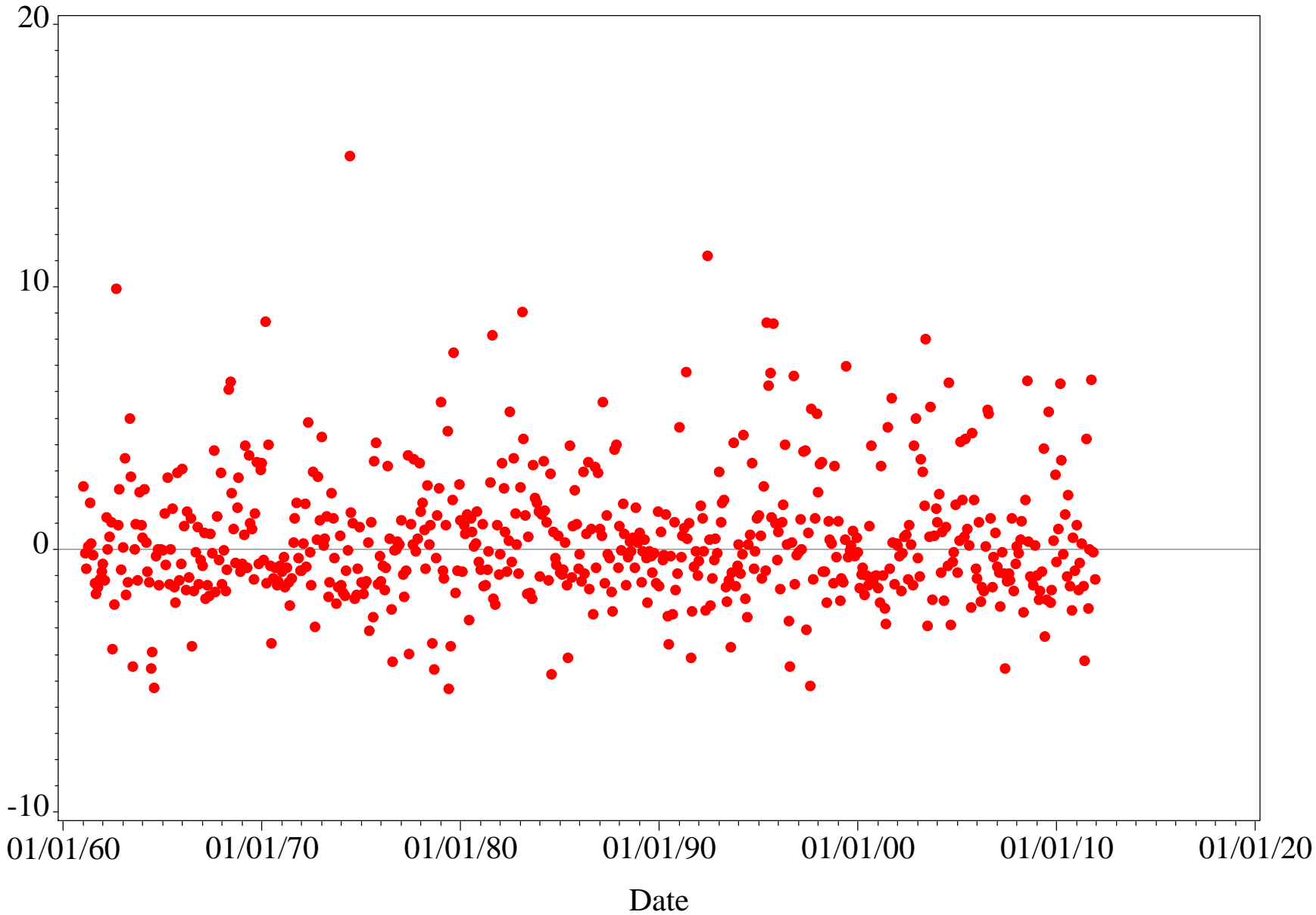
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.014575	0.60270	0.62667	.00232159

Charlotte Harbor Proper Trends Appendix - Display 7

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Charlotte Harbor Proper Trends Appendix - Display 8

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

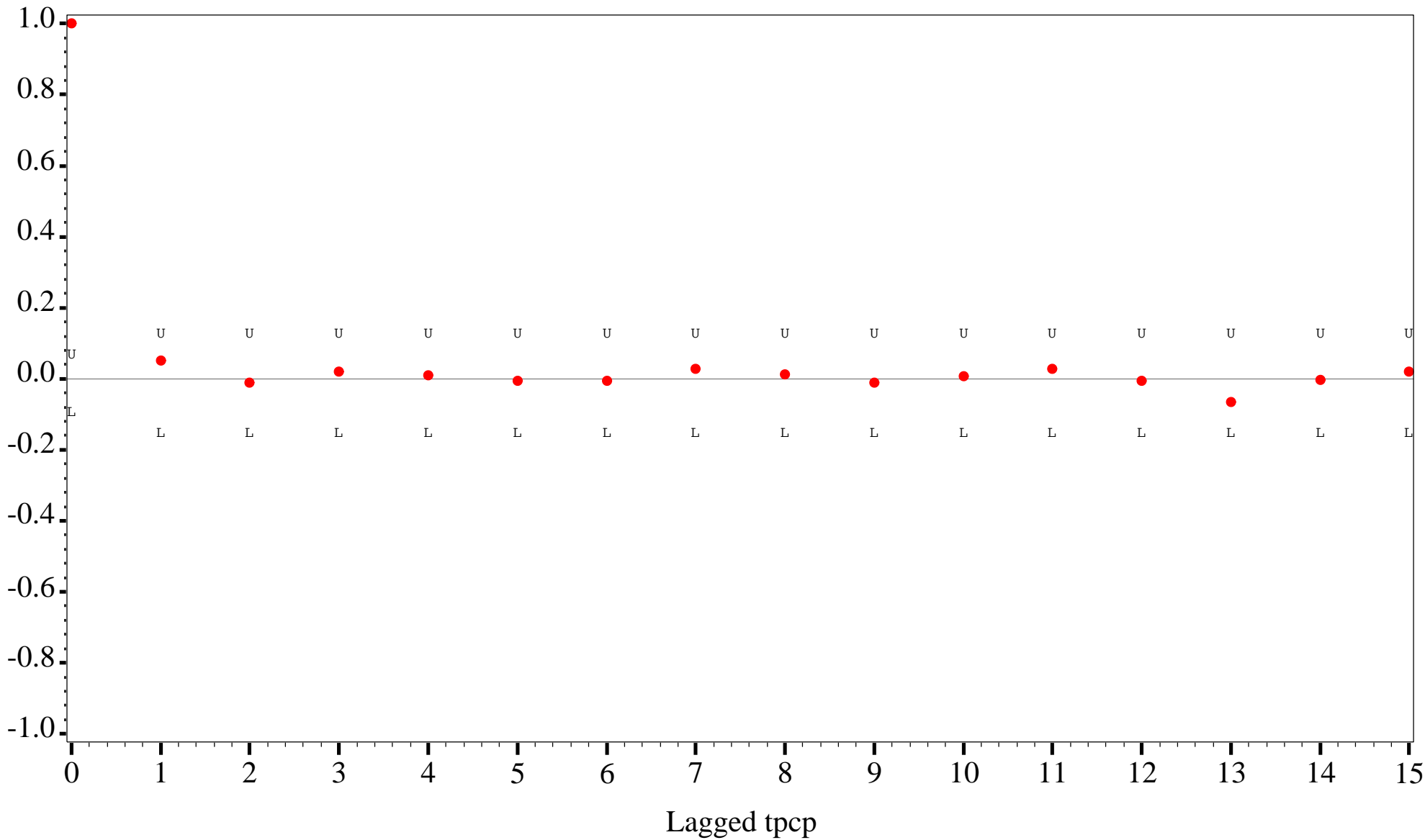
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.051	0.07	0.140	-0.140
2	-0.012	0.07	0.140	-0.140
3	0.021	0.07	0.140	-0.140
4	0.009	0.07	0.140	-0.140
5	-0.006	0.07	0.140	-0.140
6	-0.005	0.07	0.140	-0.140
7	0.028	0.07	0.140	-0.140
8	0.013	0.07	0.140	-0.140
9	-0.010	0.07	0.140	-0.140
10	0.007	0.07	0.140	-0.140
11	0.028	0.07	0.140	-0.140
12	-0.007	0.07	0.140	-0.140
13	-0.066	0.07	0.140	-0.140
14	-0.004	0.07	0.140	-0.140
15	0.019	0.07	0.140	-0.140

Charlotte Harbor Proper Trends Appendix - Display 9

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



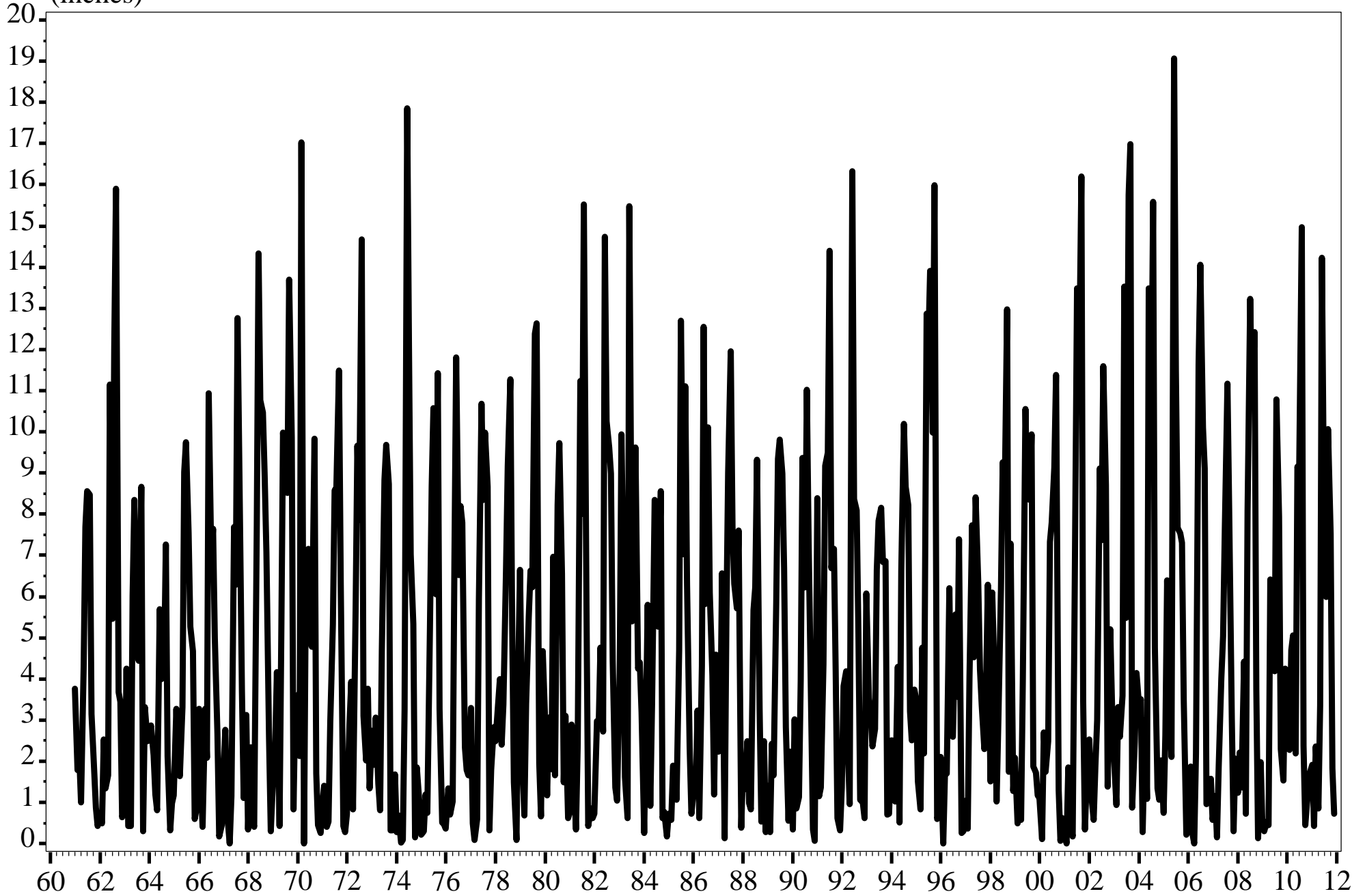
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Coastal Estero Trends Appendix - Display 10

Monthly Data Time Series

Adjusted for Seasonal Medians

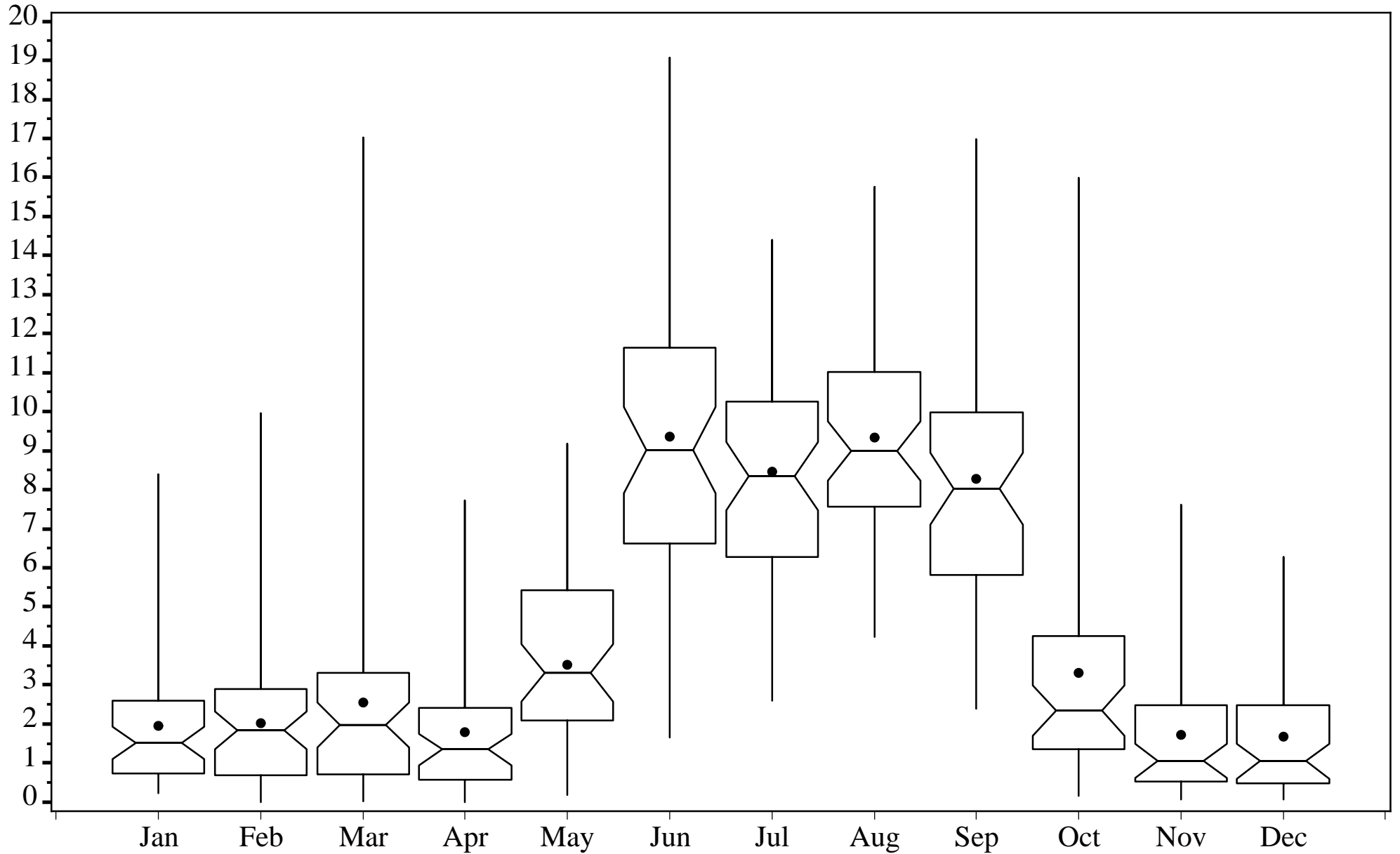
Total Precipitation
(inches)



Coastal Estero Trends Appendix - Display 11

Seasonal Univariate Statistics

Total Precipitation
(inches)



Coastal Estero Trends Appendix - Display 12

Autocorrelation Statistics

Unadjusted for Seasonal Medians

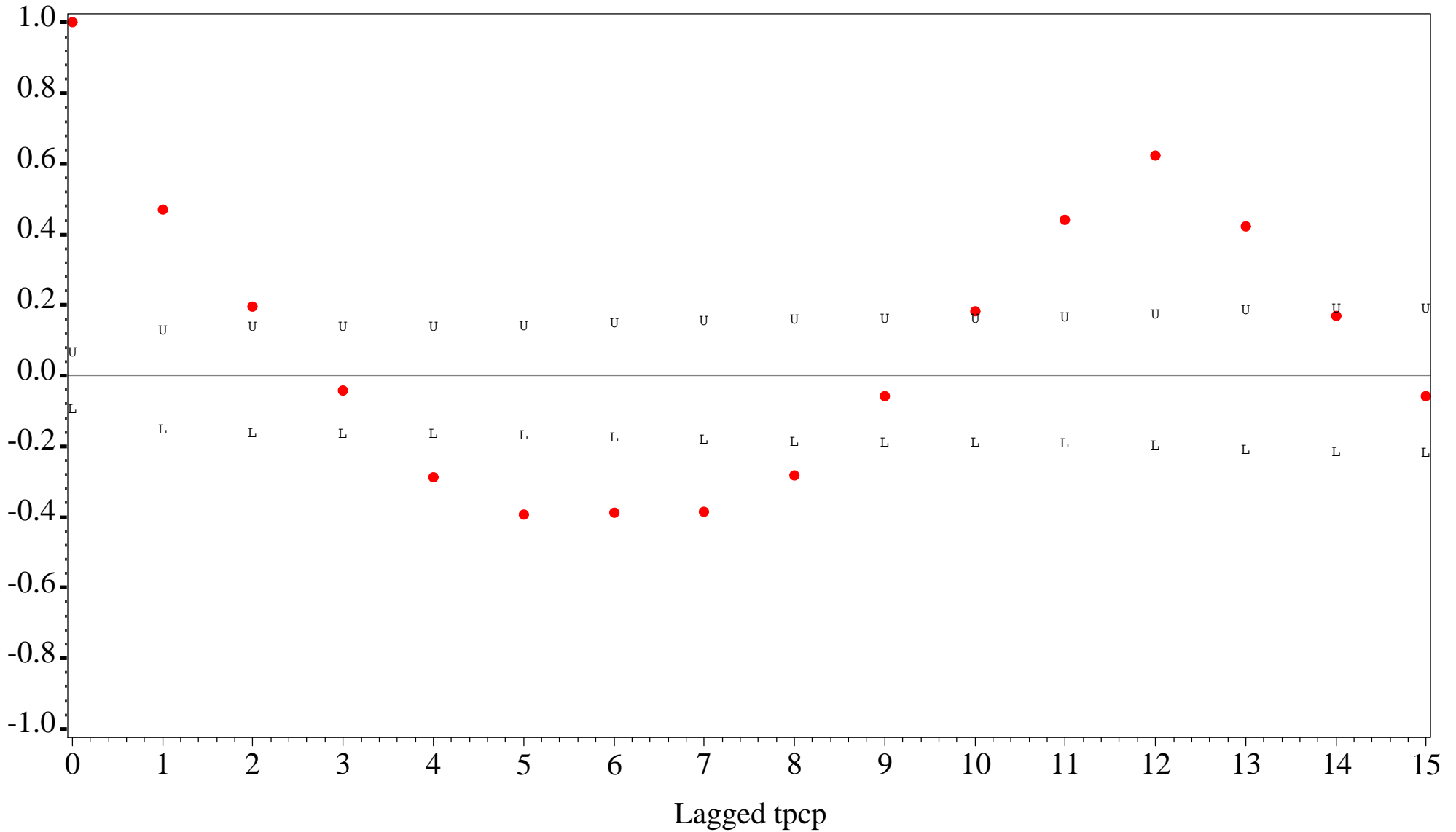
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.471	0.070	0.140	-0.140
2	0.196	0.075	0.150	-0.150
3	-0.041	0.076	0.152	-0.152
4	-0.288	0.076	0.152	-0.152
5	-0.392	0.078	0.155	-0.155
6	-0.388	0.081	0.162	-0.162
7	-0.384	0.084	0.168	-0.168
8	-0.283	0.087	0.173	-0.173
9	-0.057	0.088	0.176	-0.176
10	0.183	0.088	0.176	-0.176
11	0.441	0.089	0.178	-0.178
12	0.624	0.092	0.185	-0.185
13	0.424	0.099	0.198	-0.198
14	0.169	0.102	0.204	-0.204
15	-0.058	0.102	0.205	-0.205

Coastal Estero Trends Appendix - Display 13

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Coastal Estero Trends Appendix - Display 14

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.042	0.13	0.16	.007

Coastal Estero Trends Appendix - Display 15

Seasonal Kendall Tau Trend Test Statistics

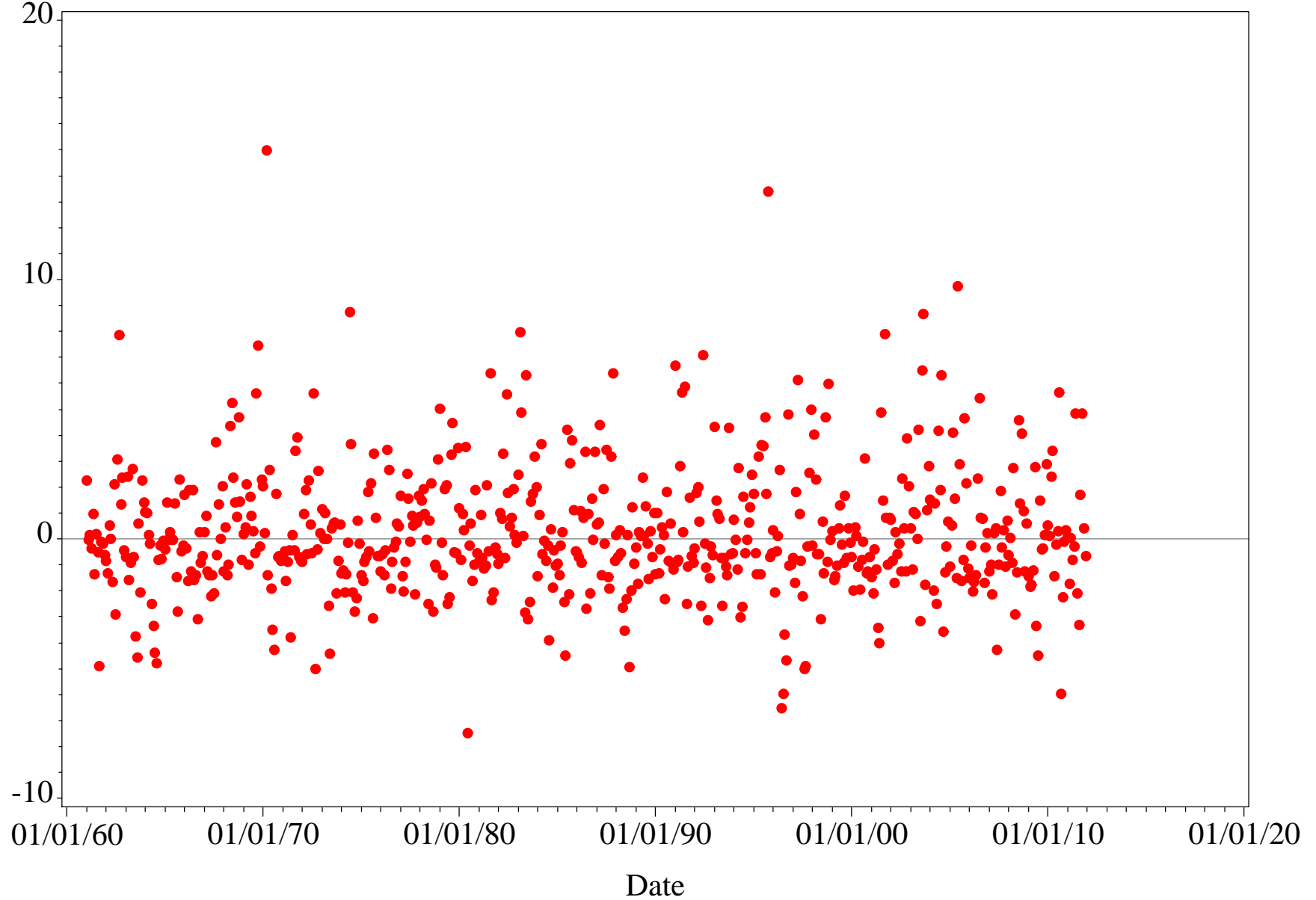
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.042092	0.13165	0.16169	.00664401

Coastal Estero Trends Appendix - Display 16

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Coastal Estero Trends Appendix - Display 17

Autocorrelation Statistics

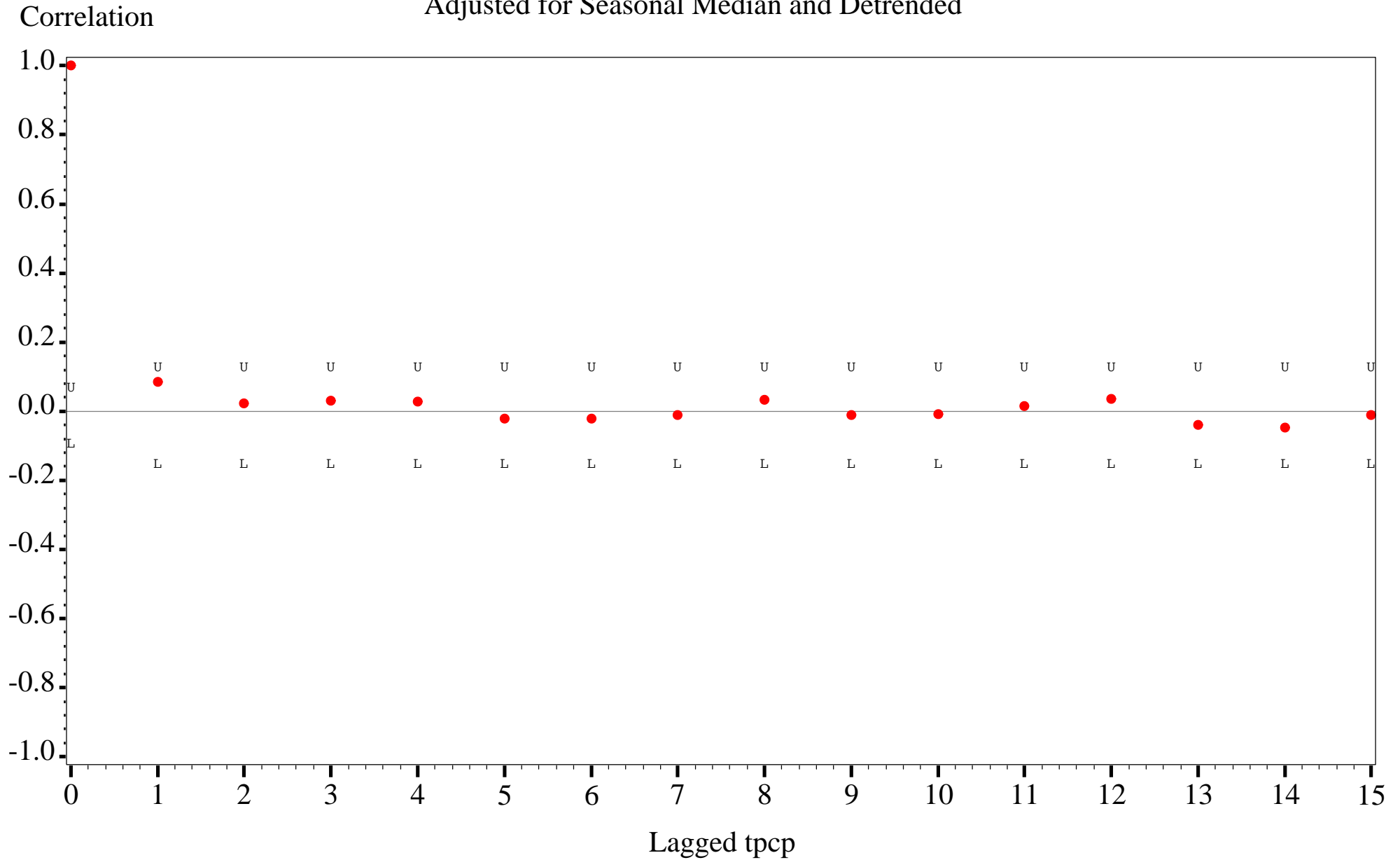
Adjusted for Seasonal Median and Detrended

Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.085	0.07	0.140	-0.140
2	0.023	0.07	0.140	-0.140
3	0.031	0.07	0.140	-0.140
4	0.028	0.07	0.140	-0.140
5	-0.021	0.07	0.140	-0.140
6	-0.020	0.07	0.140	-0.140
7	-0.011	0.07	0.141	-0.141
8	0.034	0.07	0.141	-0.141
9	-0.010	0.07	0.141	-0.141
10	-0.008	0.07	0.141	-0.141
11	0.015	0.07	0.141	-0.141
12	0.035	0.07	0.141	-0.141
13	-0.040	0.07	0.141	-0.141
14	-0.048	0.07	0.141	-0.141
15	-0.012	0.07	0.141	-0.141

Coastal Estero Trends Appendix - Display 18

Correlogram

Adjusted for Seasonal Median and Detrended



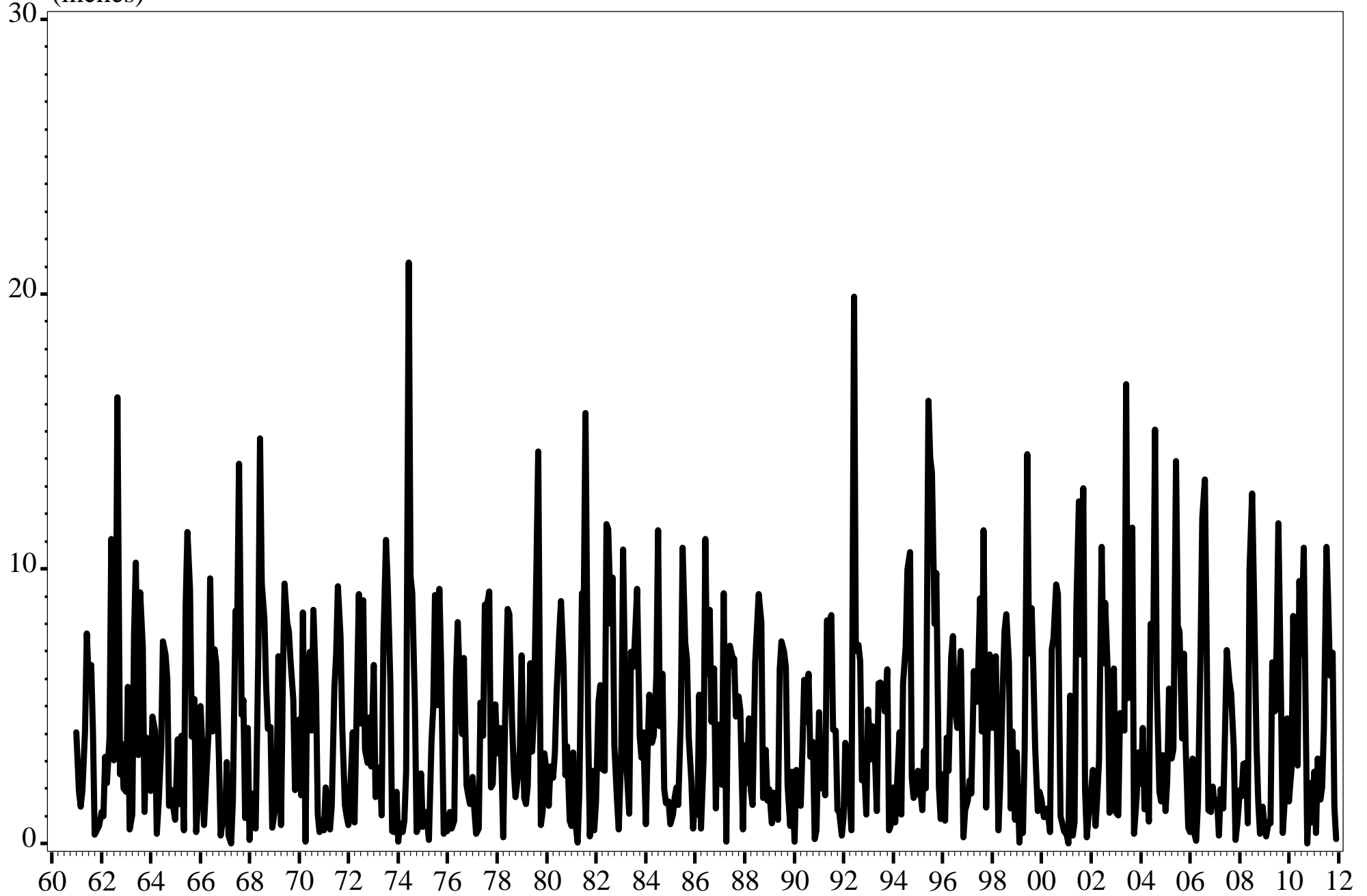
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Coastal Lower Peace Trends Appendix - Display 19

Monthly Data Time Series

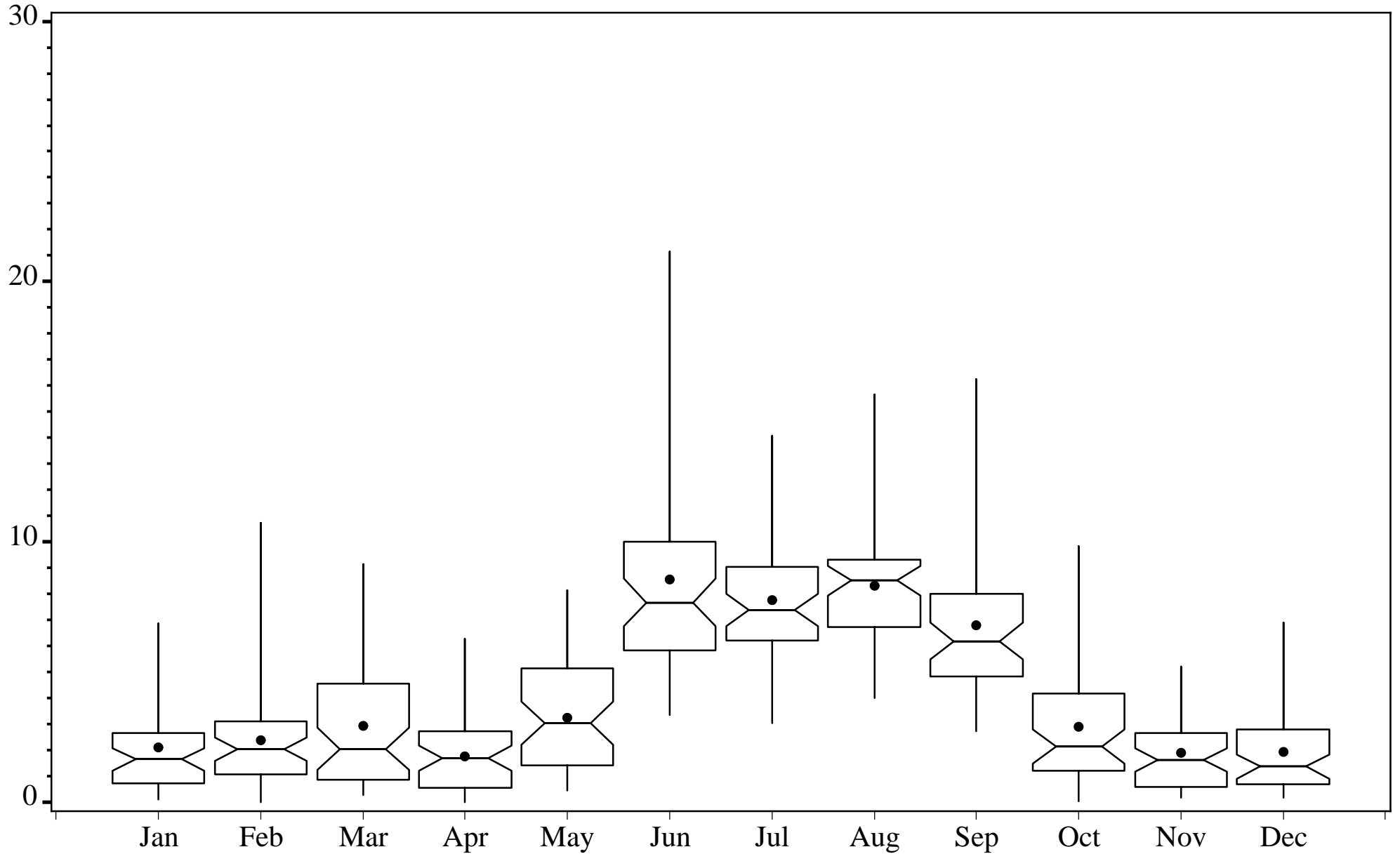
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Coastal Lower Peace Trends Appendix - Display 21

Autocorrelation Statistics

Unadjusted for Seasonal Medians

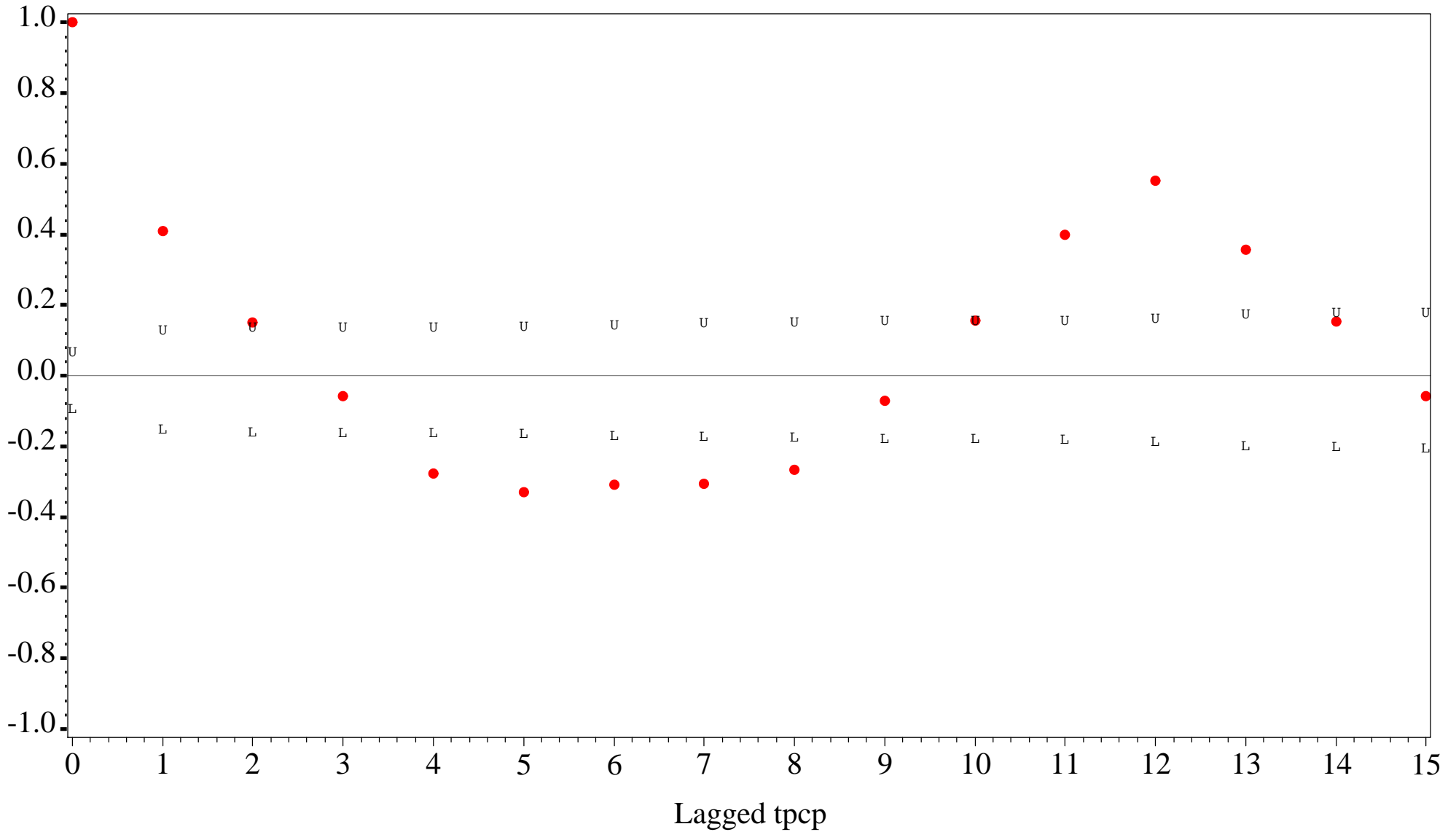
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.411	0.070	0.140	-0.140
2	0.150	0.074	0.148	-0.148
3	-0.058	0.074	0.149	-0.149
4	-0.277	0.074	0.149	-0.149
5	-0.331	0.076	0.152	-0.152
6	-0.308	0.078	0.157	-0.157
7	-0.305	0.080	0.161	-0.161
8	-0.267	0.082	0.164	-0.164
9	-0.070	0.084	0.167	-0.167
10	0.155	0.084	0.167	-0.167
11	0.399	0.084	0.168	-0.168
12	0.552	0.087	0.174	-0.174
13	0.356	0.093	0.186	-0.186
14	0.153	0.095	0.190	-0.190
15	-0.059	0.095	0.191	-0.191

Coastal Lower Peace Trends Appendix - Display 22

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Coastal Lower Peace Trends Appendix - Display 23

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-0.006	0.827	0.834	-0.001

Coastal Lower Peace Trends Appendix - Display 24

Seasonal Kendall Tau Trend Test Statistics

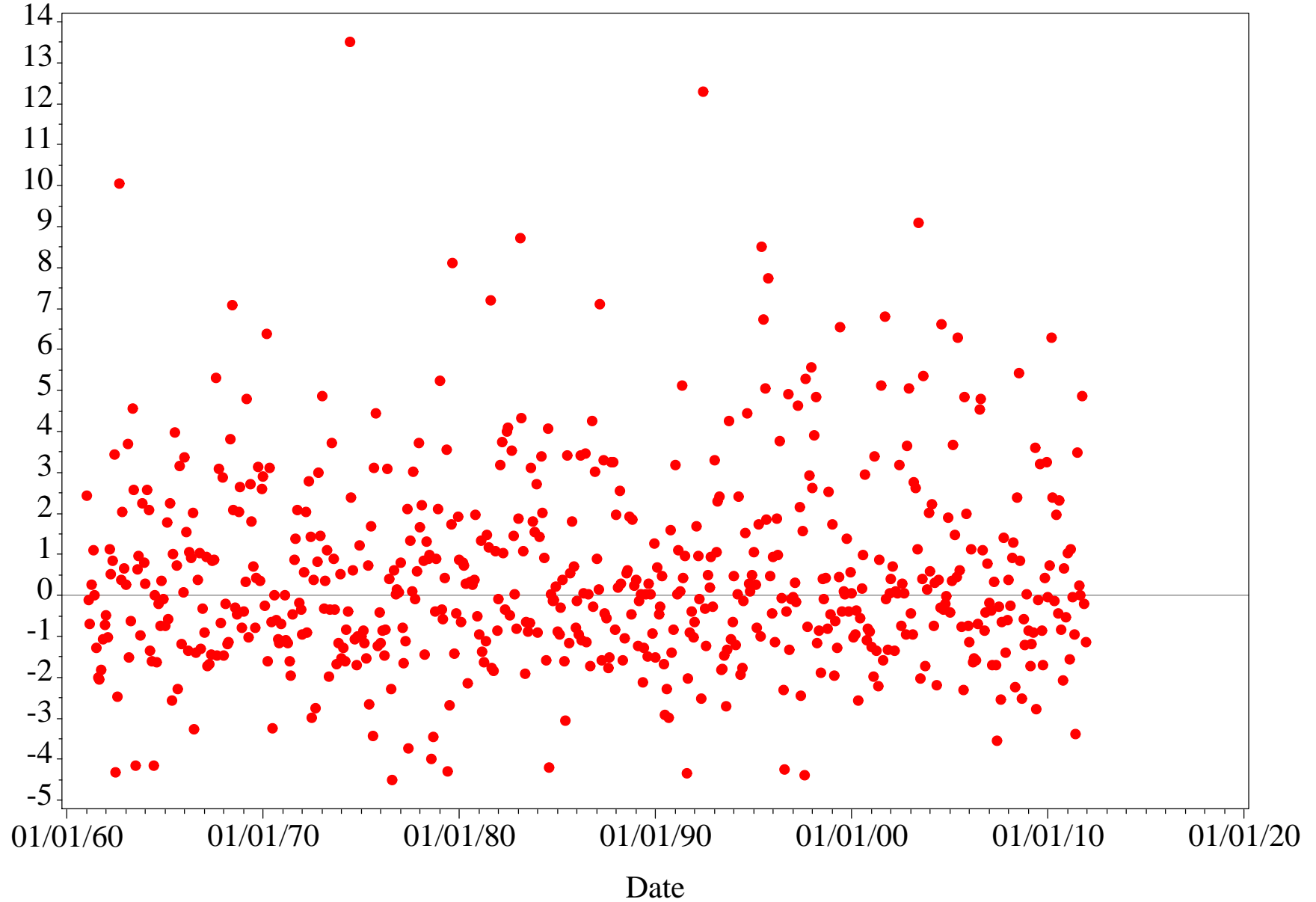
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-.00607843	0.82921	0.83613	-.00106905

Coastal Lower Peace Trends Appendix - Display 25

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Coastal Lower Peace Trends Appendix - Display 26

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

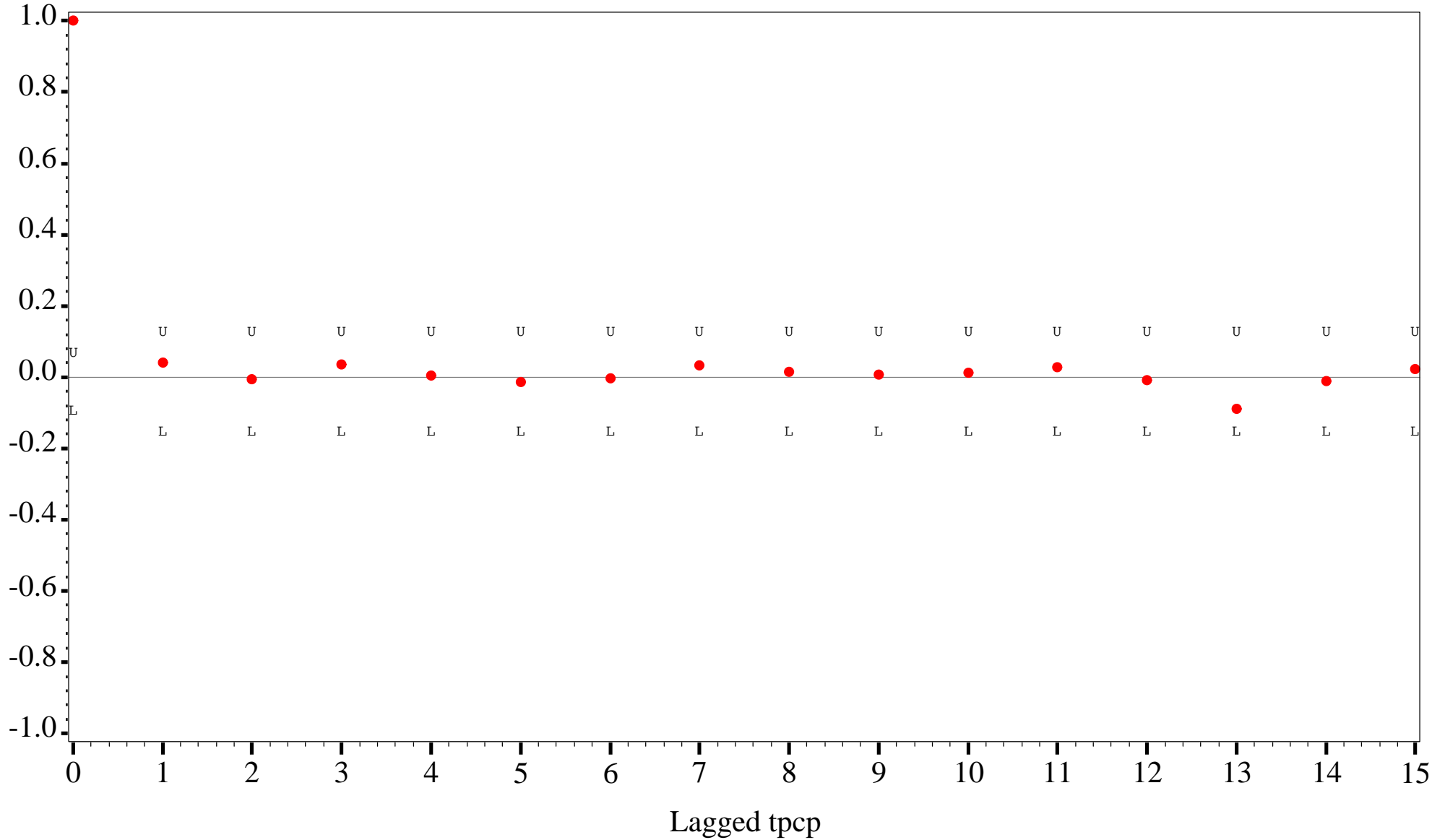
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.041	0.07	0.140	-0.140
2	-0.006	0.07	0.140	-0.140
3	0.036	0.07	0.140	-0.140
4	0.004	0.07	0.140	-0.140
5	-0.014	0.07	0.140	-0.140
6	-0.003	0.07	0.140	-0.140
7	0.032	0.07	0.140	-0.140
8	0.016	0.07	0.140	-0.140
9	0.007	0.07	0.140	-0.140
10	0.013	0.07	0.140	-0.140
11	0.028	0.07	0.140	-0.140
12	-0.009	0.07	0.140	-0.140
13	-0.088	0.07	0.140	-0.140
14	-0.011	0.07	0.141	-0.141
15	0.023	0.07	0.141	-0.141

Coastal Lower Peace Trends Appendix - Display 27

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



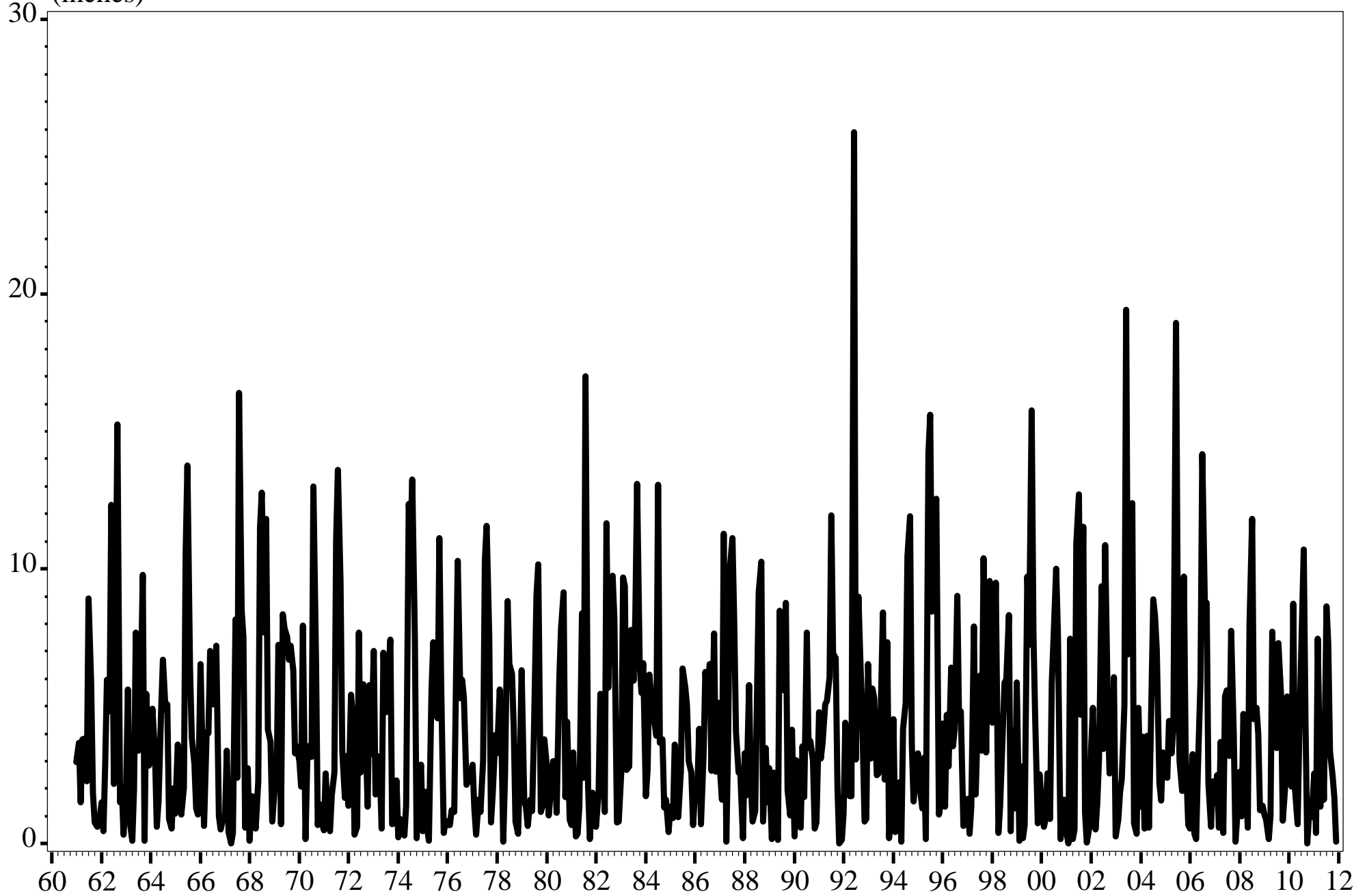
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Coastal Venice Trends Appendix - Display 28

Monthly Data Time Series

Adjusted for Seasonal Medians

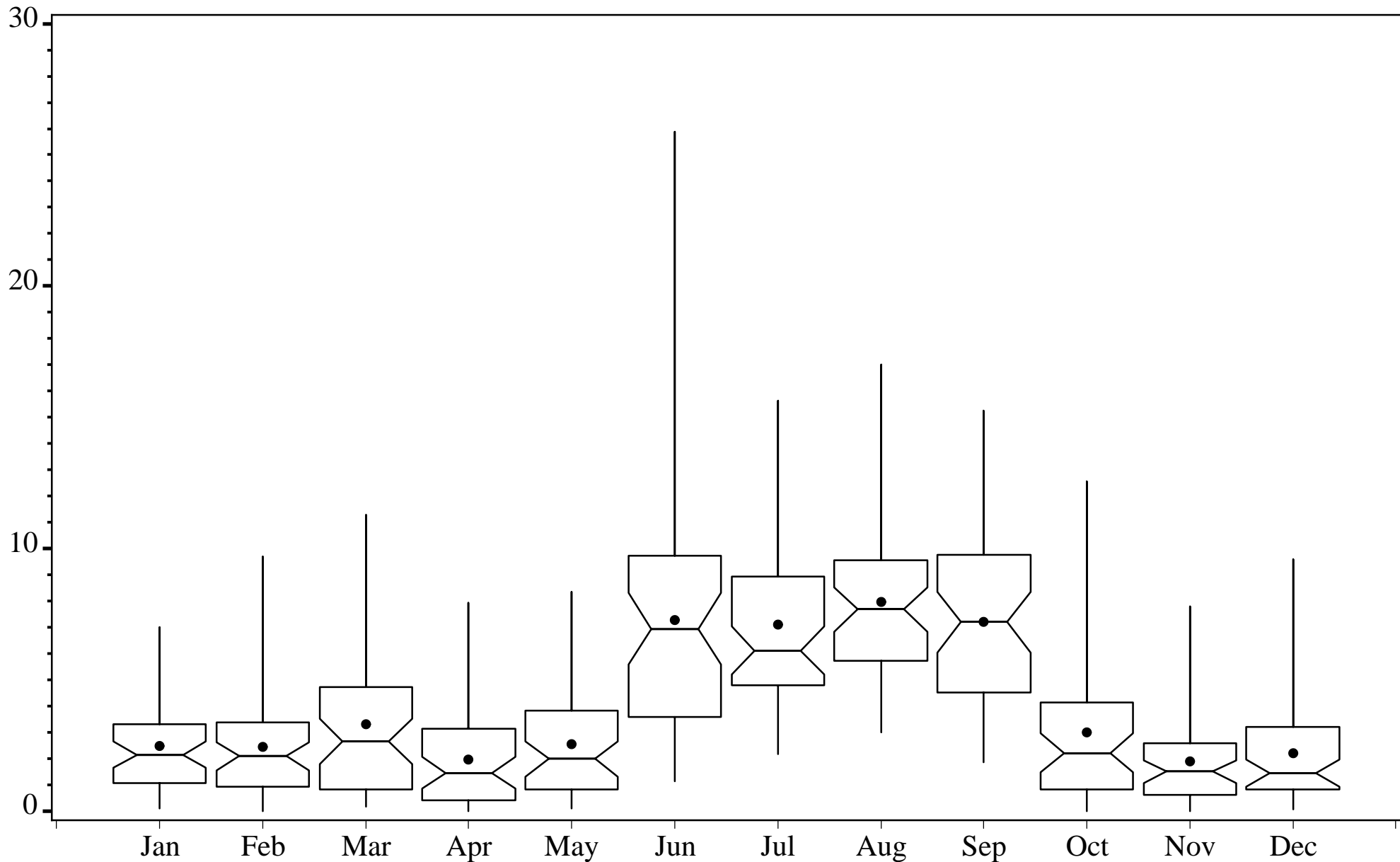
Total Precipitation
(inches)



Coastal Venice Trends Appendix - Display 29

Seasonal Univariate Statistics

Total Precipitation
(inches)



Coastal Venice Trends Appendix - Display 30

Autocorrelation Statistics

Unadjusted for Seasonal Medians

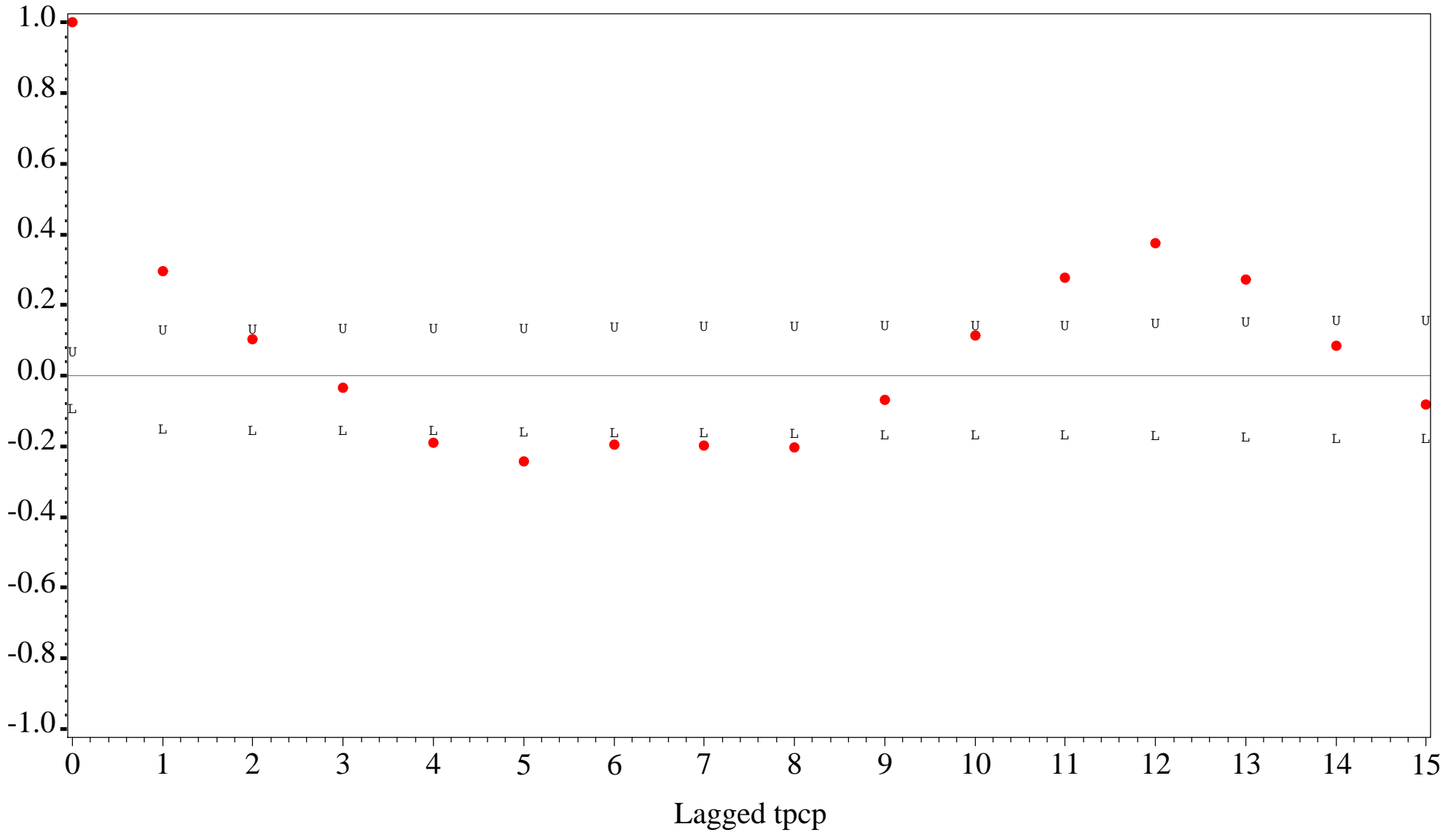
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.297	0.070	0.140	-0.140
2	0.103	0.072	0.144	-0.144
3	-0.033	0.072	0.145	-0.145
4	-0.191	0.072	0.145	-0.145
5	-0.242	0.073	0.146	-0.146
6	-0.194	0.074	0.149	-0.149
7	-0.197	0.075	0.150	-0.150
8	-0.203	0.076	0.152	-0.152
9	-0.068	0.077	0.154	-0.154
10	0.115	0.077	0.154	-0.154
11	0.278	0.077	0.155	-0.155
12	0.375	0.079	0.158	-0.158
13	0.272	0.082	0.164	-0.164
14	0.085	0.083	0.167	-0.167
15	-0.081	0.083	0.167	-0.167

Coastal Venice Trends Appendix - Display 31

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Coastal Venice Trends Appendix - Display 32

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.007	0.815	0.802	.001

Coastal Venice Trends Appendix - Display 33

Seasonal Kendall Tau Trend Test Statistics

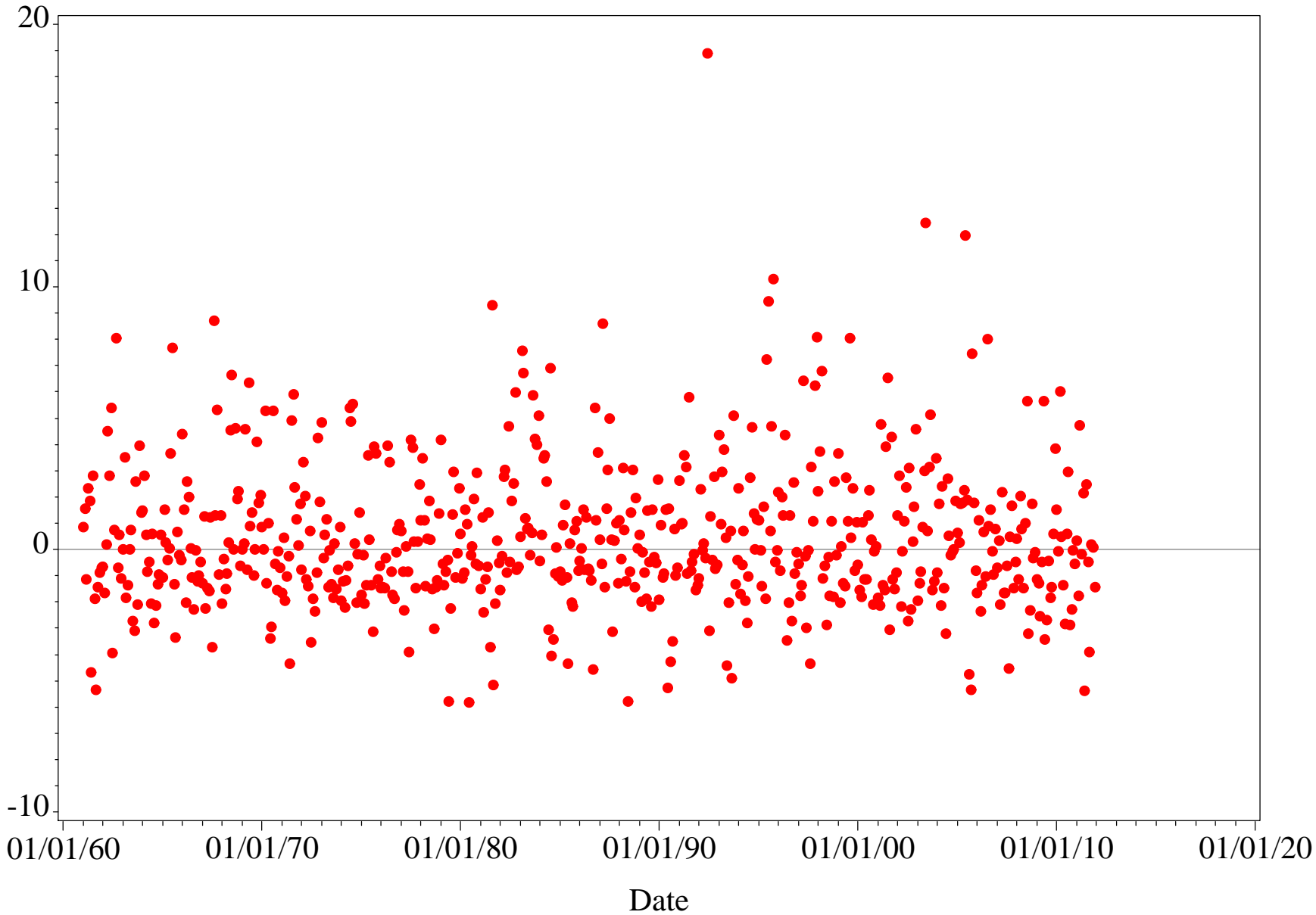
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.0066667	0.8128	0.80047	.00138487

Coastal Venice Trends Appendix - Display 34

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Coastal Venice Trends Appendix - Display 35

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

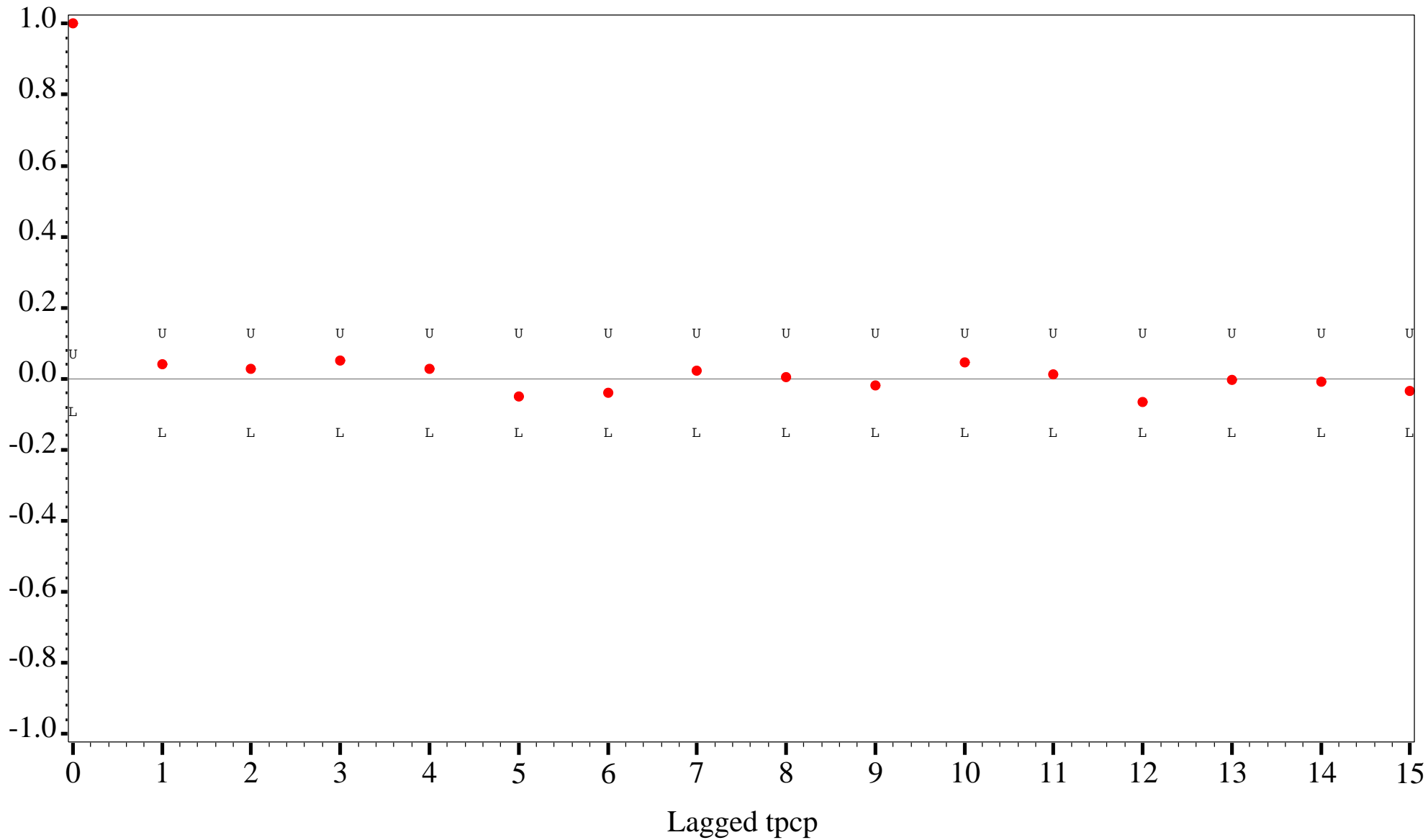
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.040	0.07	0.140	-0.140
2	0.027	0.07	0.140	-0.140
3	0.051	0.07	0.140	-0.140
4	0.029	0.07	0.140	-0.140
5	-0.049	0.07	0.140	-0.140
6	-0.039	0.07	0.140	-0.140
7	0.024	0.07	0.140	-0.140
8	0.004	0.07	0.141	-0.141
9	-0.018	0.07	0.141	-0.141
10	0.047	0.07	0.141	-0.141
11	0.012	0.07	0.141	-0.141
12	-0.066	0.07	0.141	-0.141
13	-0.003	0.07	0.141	-0.141
14	-0.008	0.07	0.141	-0.141
15	-0.033	0.07	0.141	-0.141

Coastal Venice Trends Appendix - Display 36

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



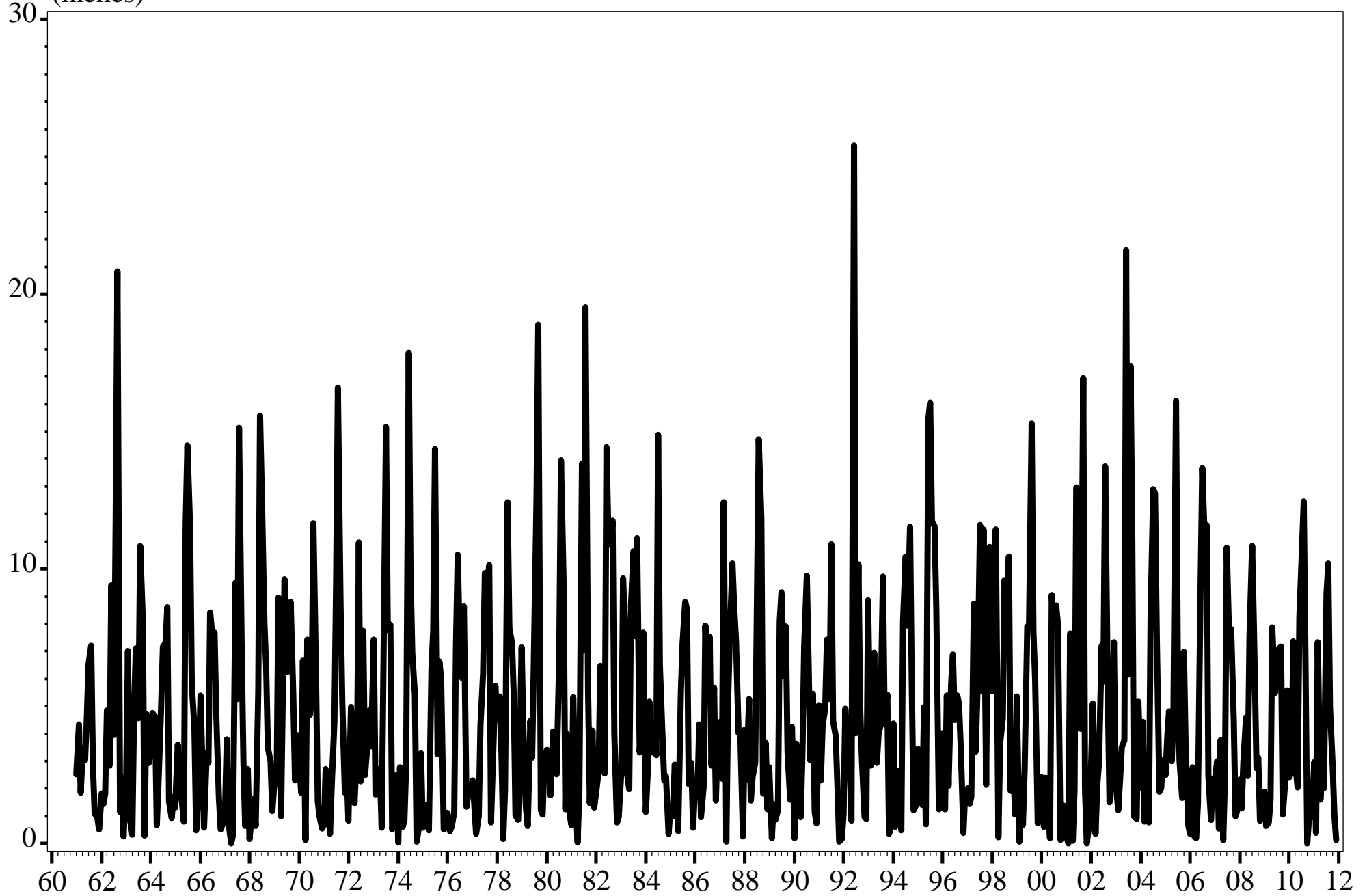
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Cow Pen Slough Trends Appendix - Display 37

Monthly Data Time Series

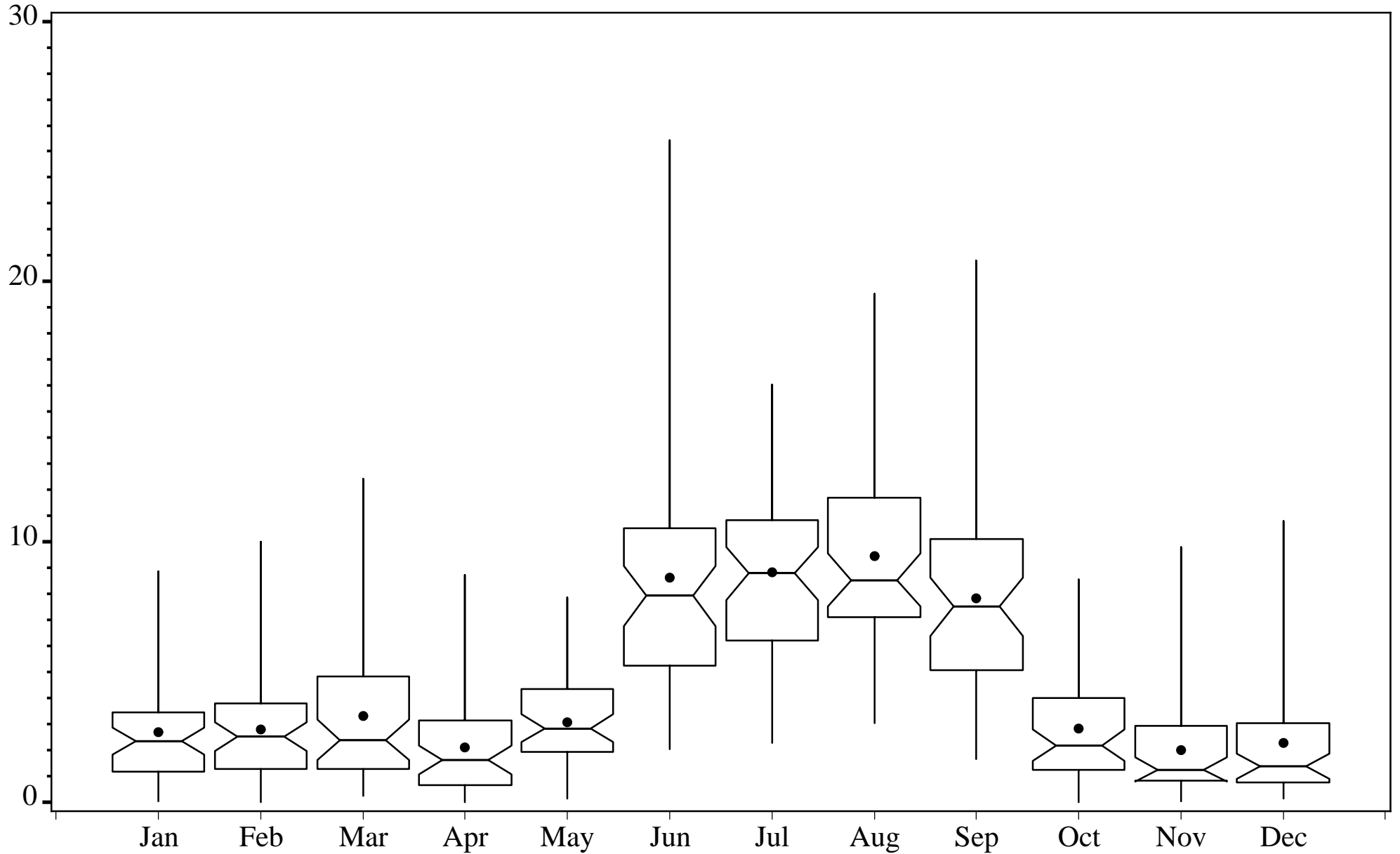
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Cow Pen Slough Trends Appendix - Display 39

Autocorrelation Statistics

Unadjusted for Seasonal Medians

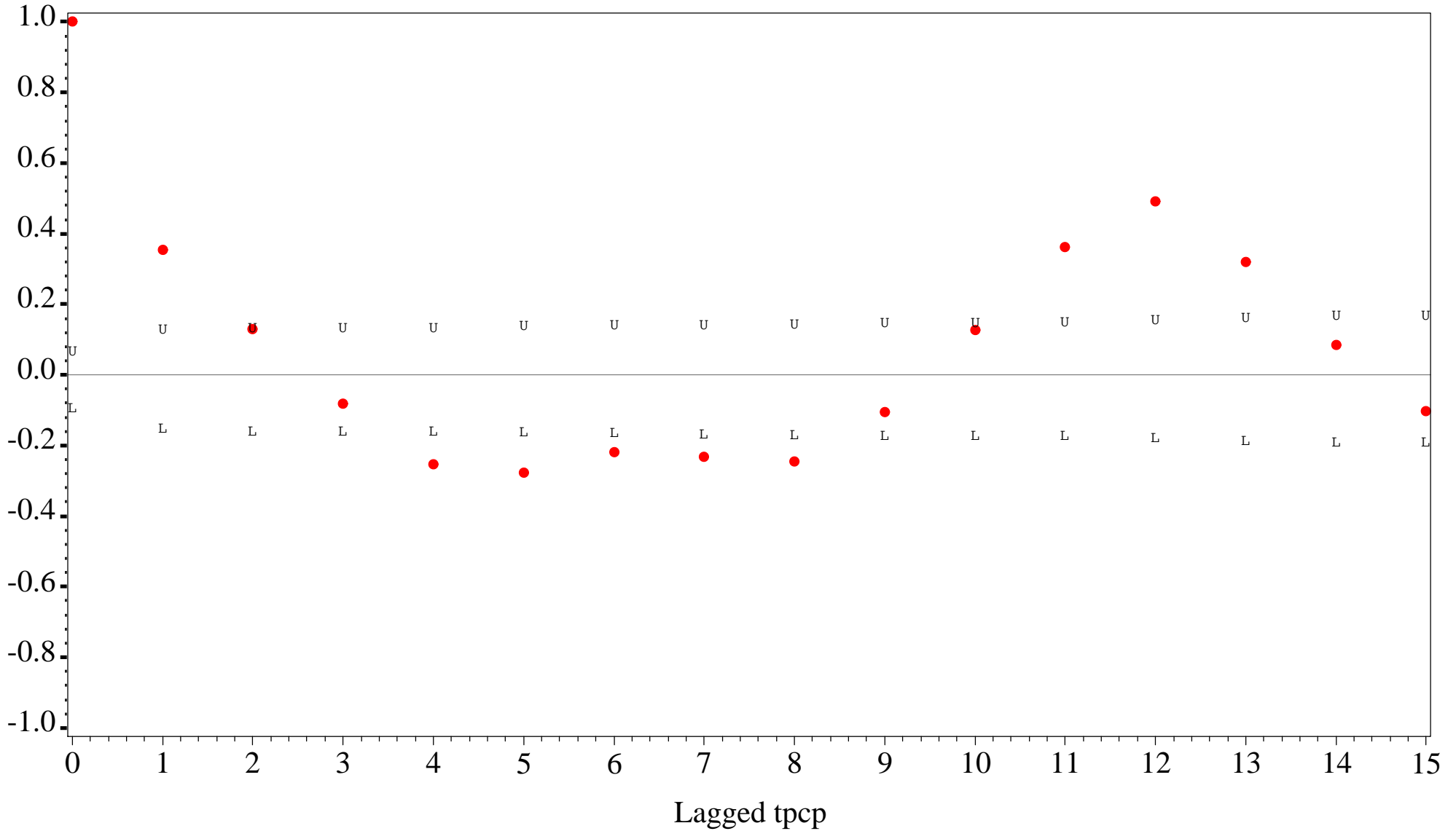
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.353	0.070	0.140	-0.140
2	0.129	0.073	0.146	-0.146
3	-0.082	0.073	0.146	-0.146
4	-0.253	0.073	0.147	-0.147
5	-0.278	0.075	0.150	-0.150
6	-0.220	0.076	0.153	-0.153
7	-0.231	0.077	0.155	-0.155
8	-0.245	0.079	0.157	-0.157
9	-0.106	0.080	0.160	-0.160
10	0.128	0.080	0.160	-0.160
11	0.363	0.080	0.161	-0.161
12	0.492	0.083	0.166	-0.166
13	0.319	0.088	0.175	-0.175
14	0.085	0.090	0.179	-0.179
15	-0.103	0.090	0.179	-0.179

Cow Pen Slough Trends Appendix - Display 40

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Cow Pen Slough Trends Appendix - Display 41

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.015	0.582	0.549	.003

Cow Pen Slough Trends Appendix - Display 42

Seasonal Kendall Tau Trend Test Statistics

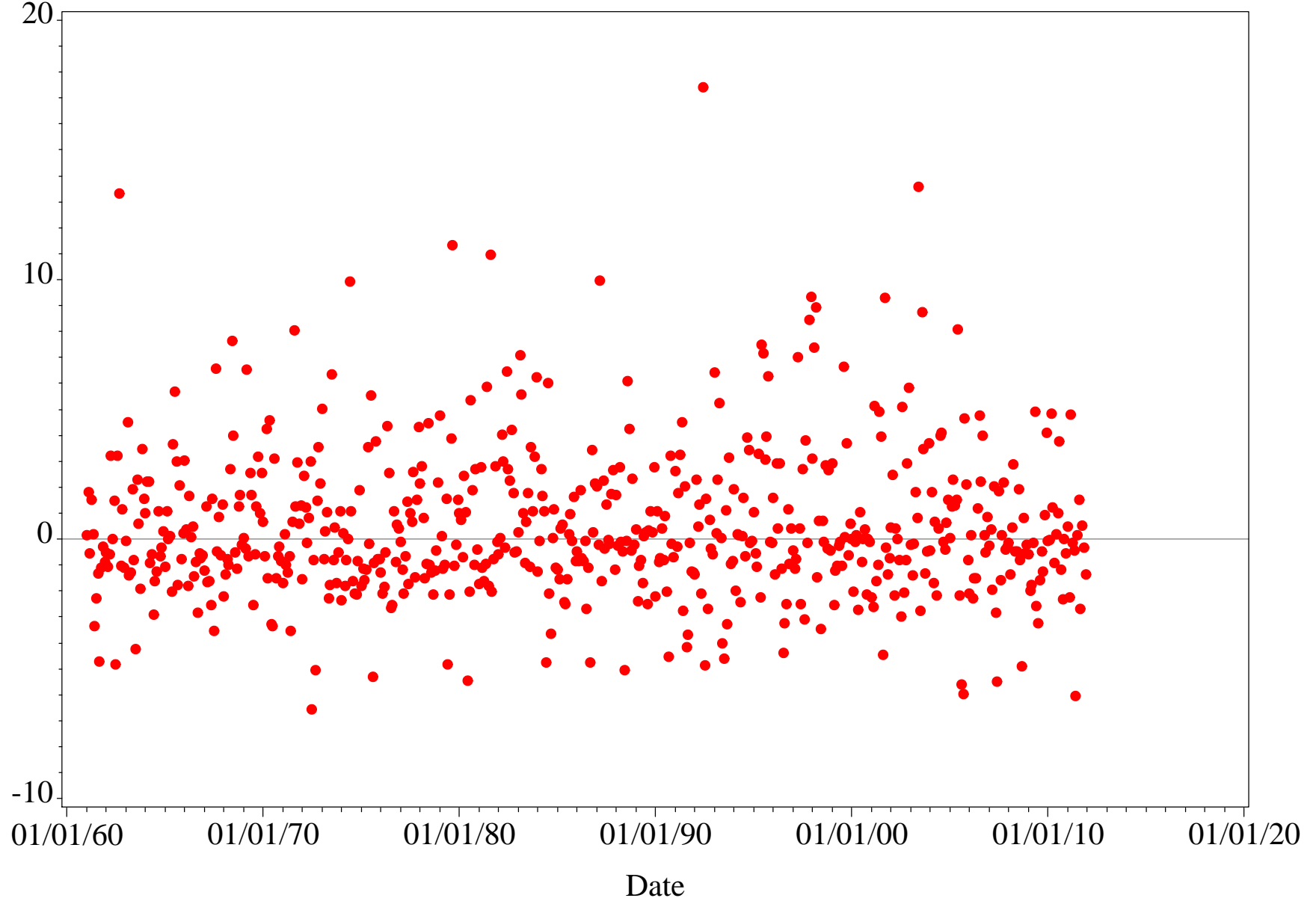
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.015490	0.58003	0.54669	.0027

Cow Pen Slough Trends Appendix - Display 43

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Cow Pen Slough Trends Appendix - Display 44

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

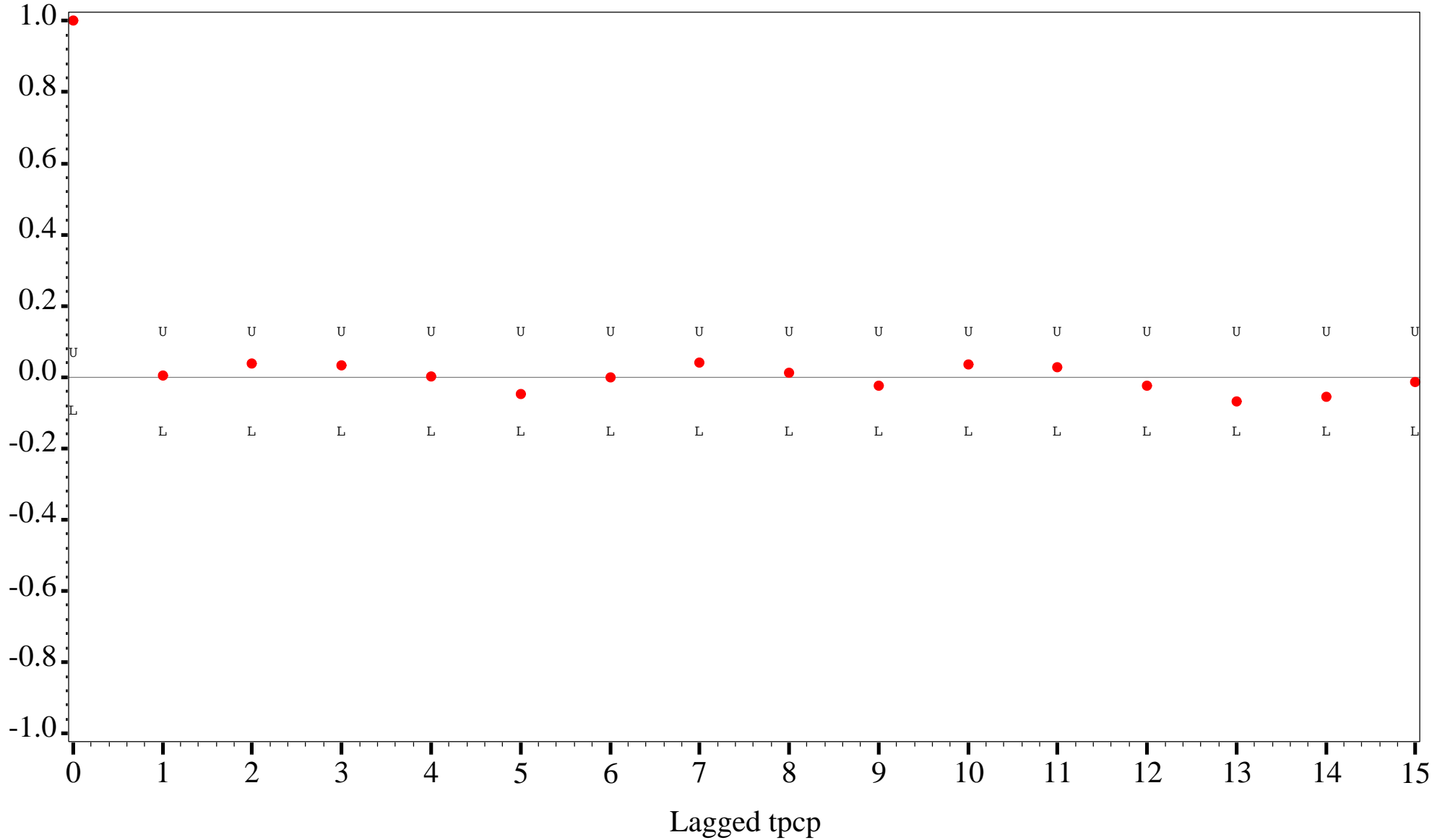
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.004	0.07	0.140	-0.140
2	0.039	0.07	0.140	-0.140
3	0.033	0.07	0.140	-0.140
4	0.003	0.07	0.140	-0.140
5	-0.048	0.07	0.140	-0.140
6	-0.001	0.07	0.140	-0.140
7	0.041	0.07	0.140	-0.140
8	0.012	0.07	0.140	-0.140
9	-0.025	0.07	0.140	-0.140
10	0.037	0.07	0.140	-0.140
11	0.028	0.07	0.140	-0.140
12	-0.025	0.07	0.140	-0.140
13	-0.069	0.07	0.140	-0.140
14	-0.055	0.07	0.141	-0.141
15	-0.013	0.07	0.141	-0.141

Cow Pen Slough Trends Appendix - Display 45

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



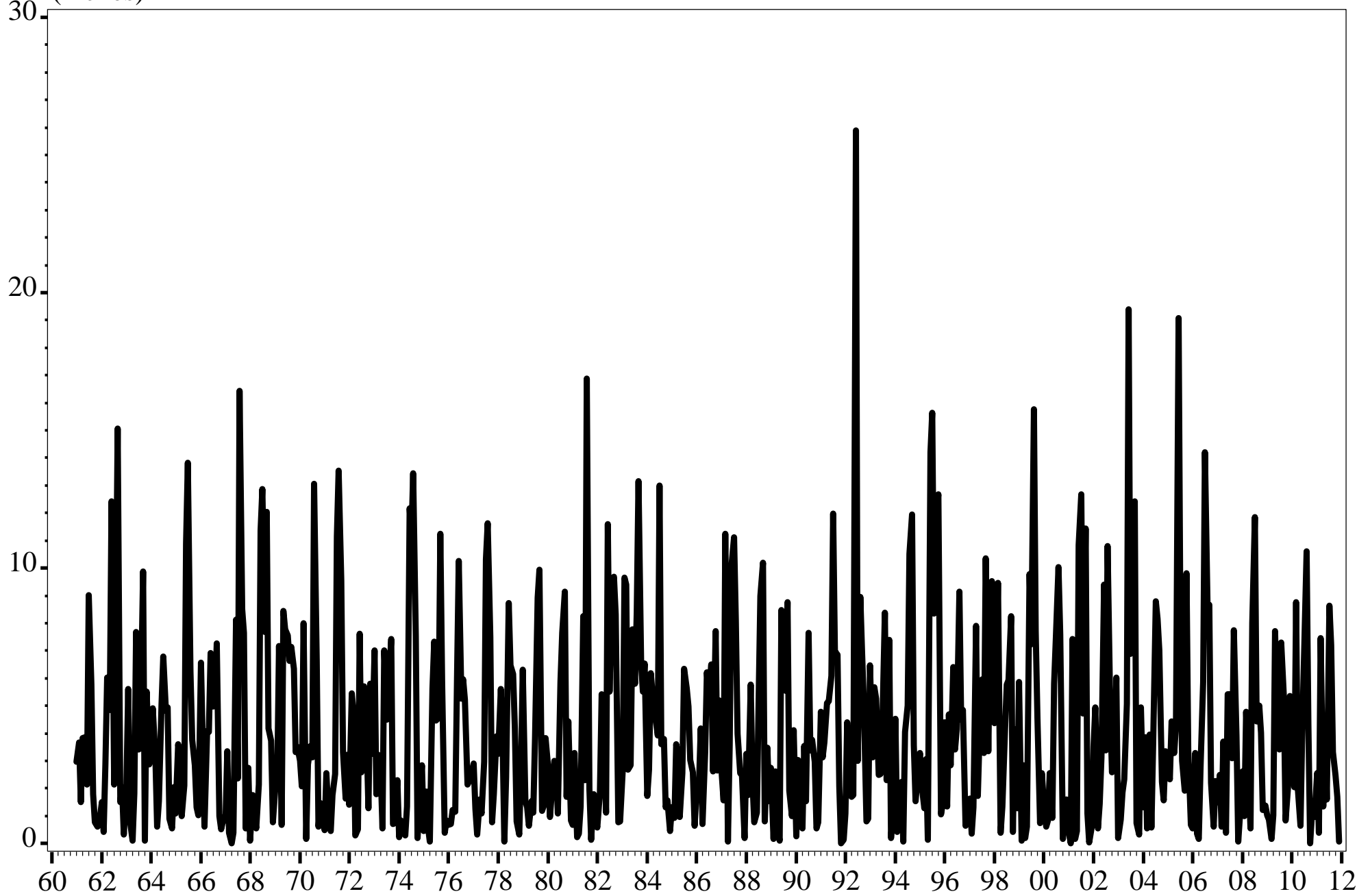
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Dona & Roberts Bays Trends Appendix - Display 46

Monthly Data Time Series

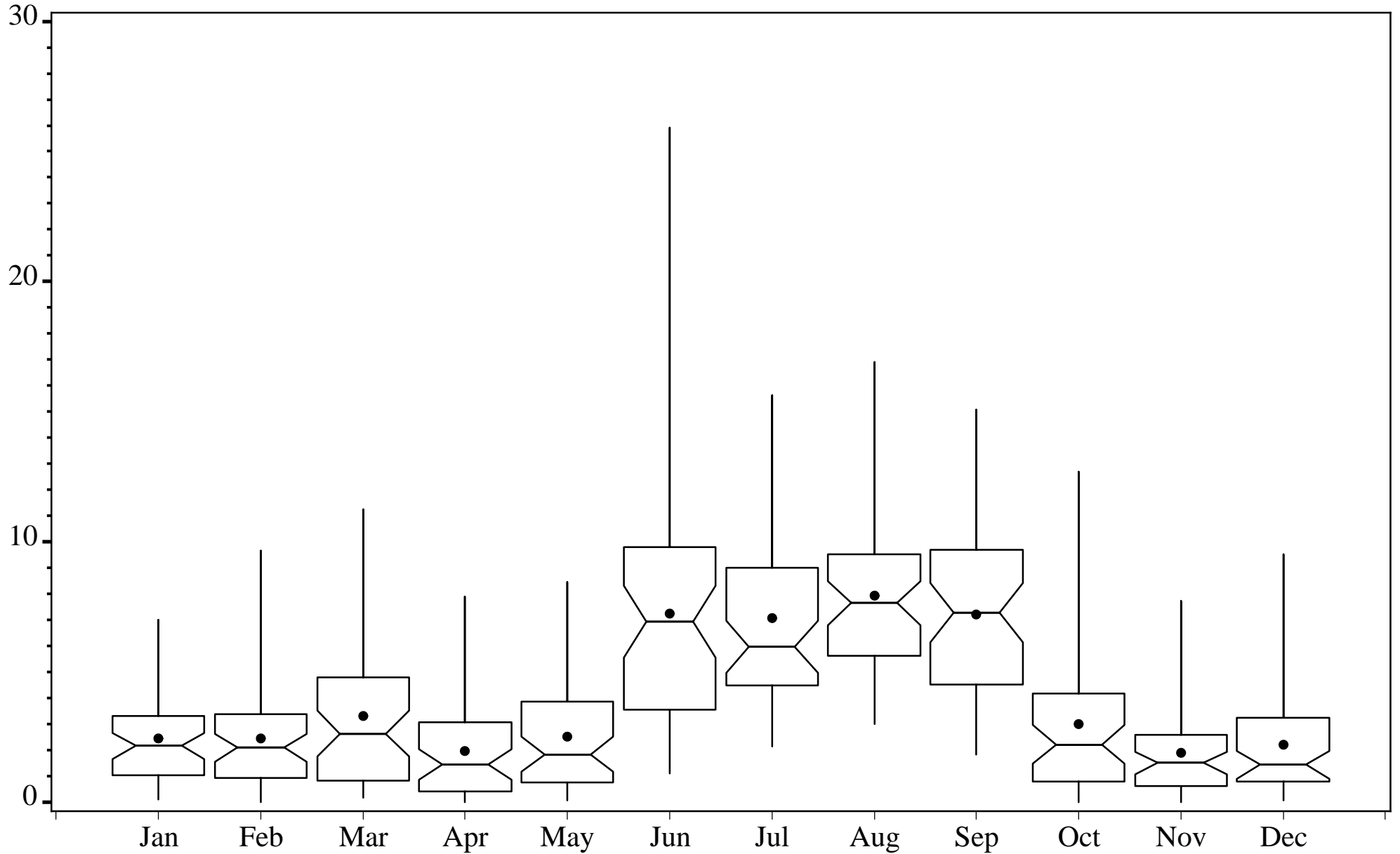
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Dona & Roberts Bays Trends Appendix - Display 48

Autocorrelation Statistics

Unadjusted for Seasonal Medians

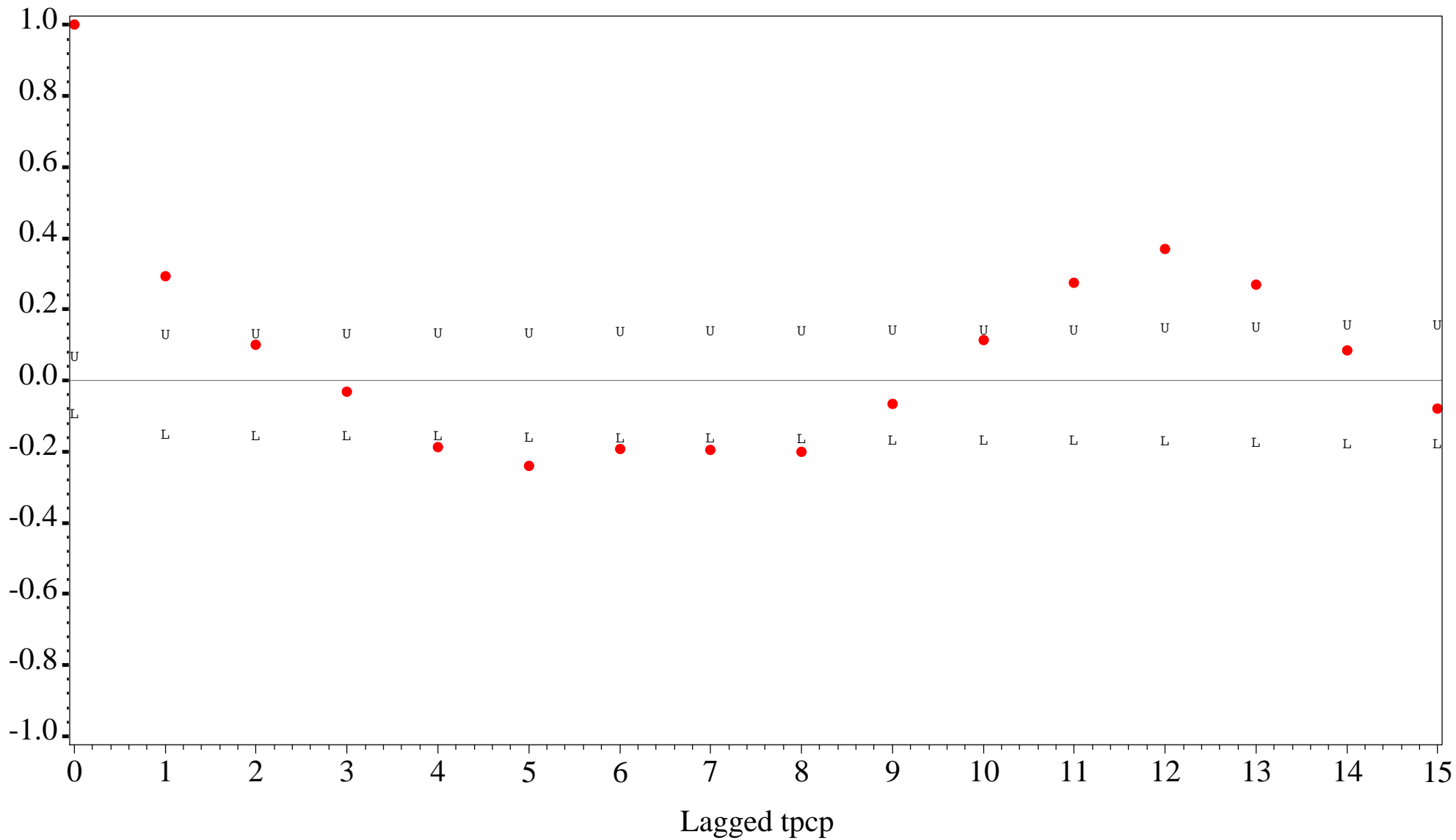
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.294	0.070	0.140	-0.140
2	0.102	0.072	0.144	-0.144
3	-0.031	0.072	0.144	-0.144
4	-0.188	0.072	0.145	-0.145
5	-0.240	0.073	0.146	-0.146
6	-0.192	0.074	0.149	-0.149
7	-0.195	0.075	0.150	-0.150
8	-0.201	0.076	0.152	-0.152
9	-0.066	0.077	0.154	-0.154
10	0.114	0.077	0.154	-0.154
11	0.274	0.077	0.154	-0.154
12	0.369	0.079	0.158	-0.158
13	0.269	0.082	0.163	-0.163
14	0.084	0.083	0.166	-0.166
15	-0.080	0.083	0.166	-0.166

Dona & Roberts Bays Trends Appendix - Display 49

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Dona & Roberts Bays Trends Appendix - Display 50

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.007	0.811	0.798	.001

Dona & Roberts Bays Trends Appendix - Display 51

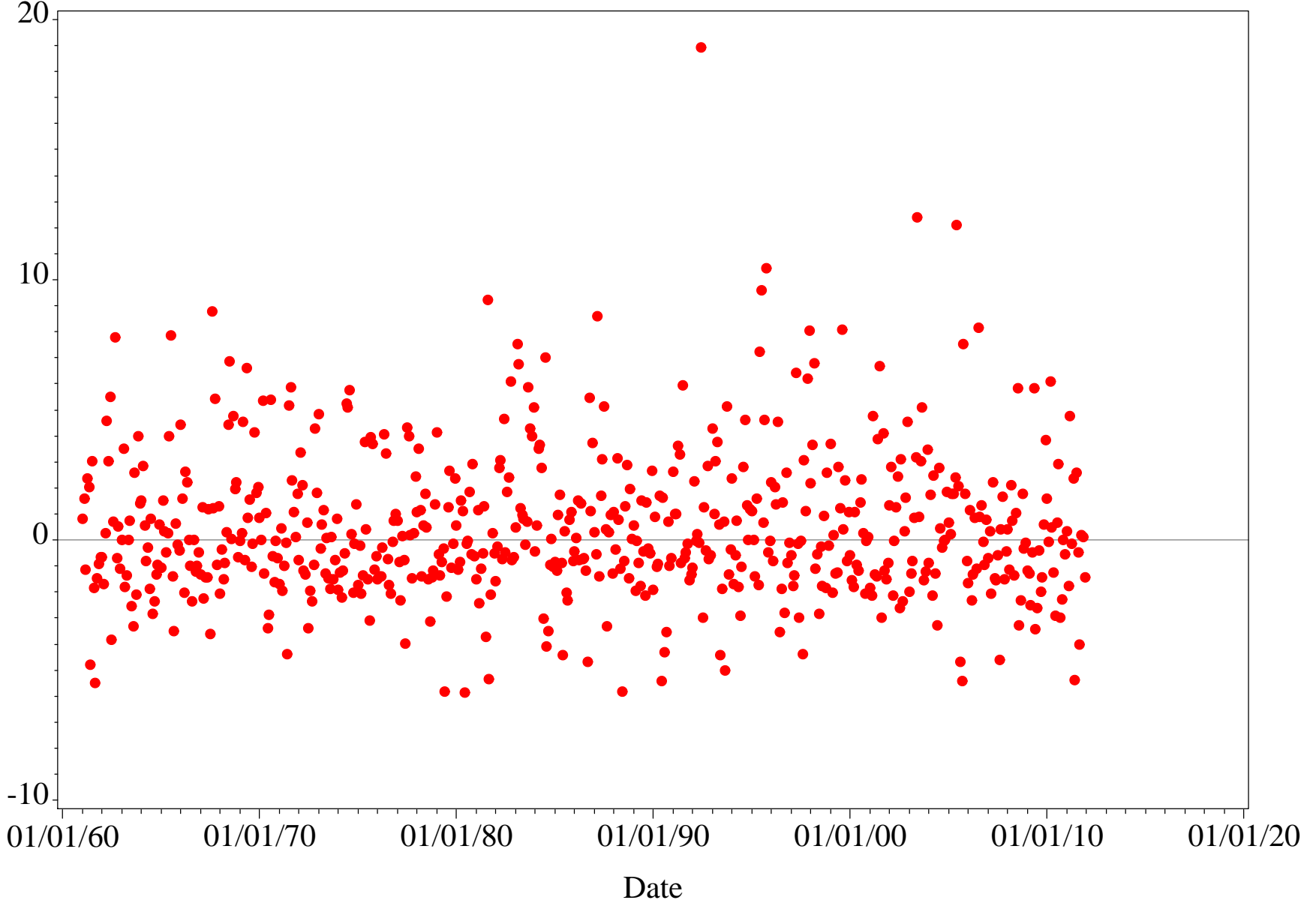
Seasonal Kendall Tau Trend Test Statistics

Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.0066667	0.81280	0.80005	.00113333

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Dona & Roberts Bays Trends Appendix - Display 53

Autocorrelation Statistics

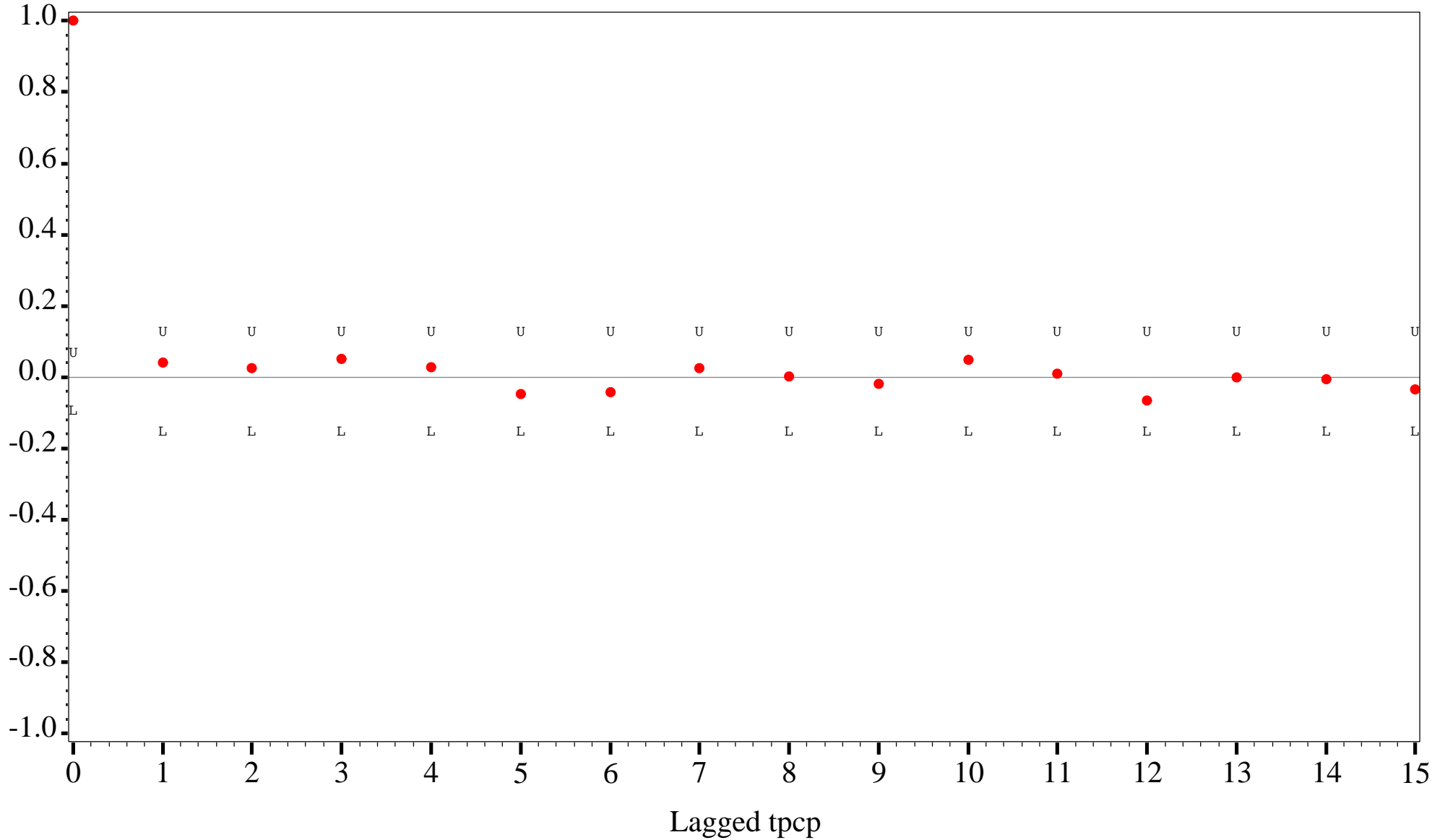
Adjusted for Seasonal Median and Detrended

Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.041	0.07	0.140	-0.140
2	0.026	0.07	0.140	-0.140
3	0.051	0.07	0.140	-0.140
4	0.029	0.07	0.140	-0.140
5	-0.047	0.07	0.140	-0.140
6	-0.041	0.07	0.140	-0.140
7	0.025	0.07	0.140	-0.140
8	0.002	0.07	0.141	-0.141
9	-0.018	0.07	0.141	-0.141
10	0.048	0.07	0.141	-0.141
11	0.011	0.07	0.141	-0.141
12	-0.065	0.07	0.141	-0.141
13	0.000	0.07	0.141	-0.141
14	-0.007	0.07	0.141	-0.141
15	-0.034	0.07	0.141	-0.141

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



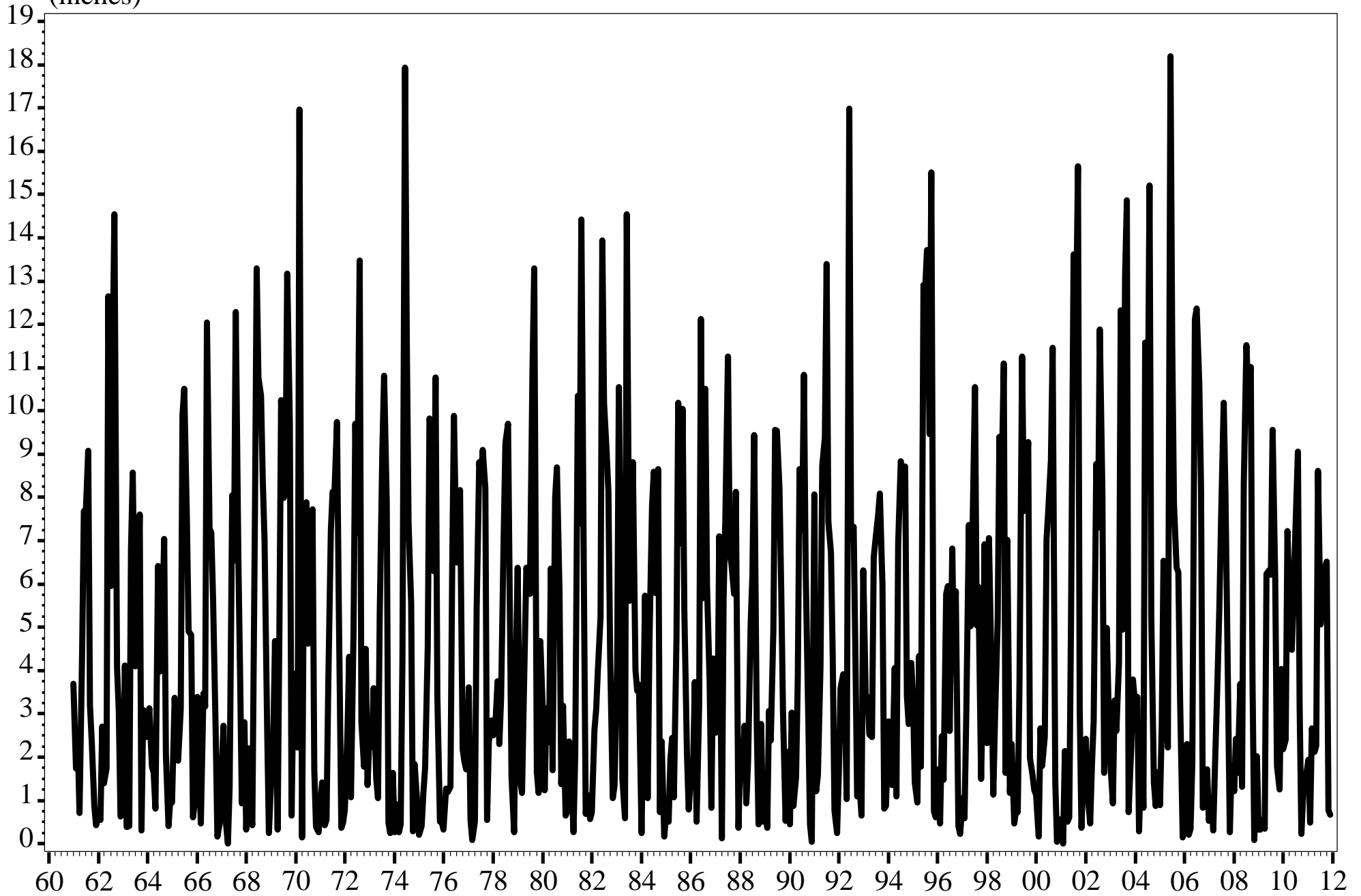
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Estero River Trends Appendix - Display 55

Monthly Data Time Series

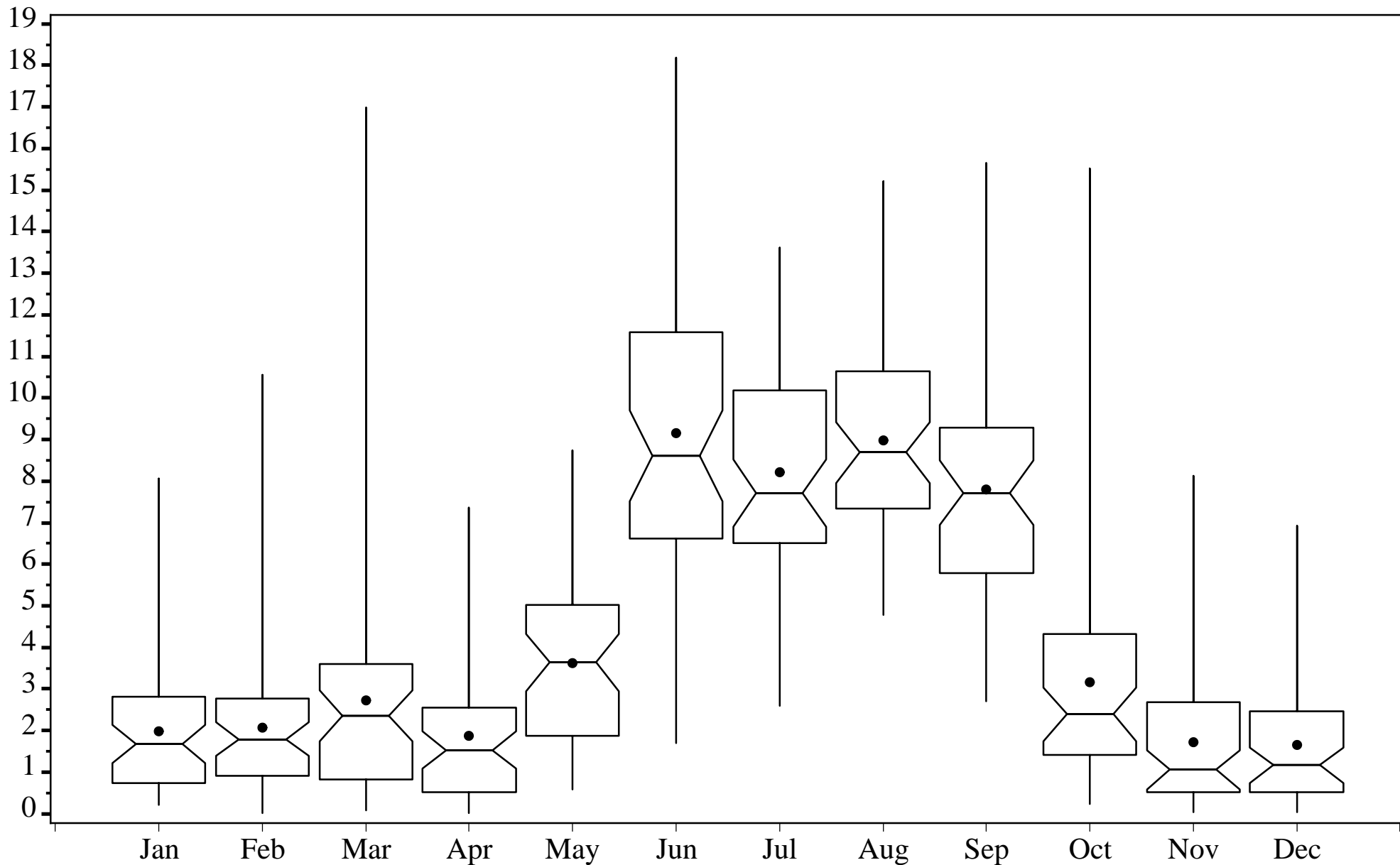
Total Precipitation
(inches)

Adjusted for Seasonal Medians



Seasonal Univariate Statistics

Total Precipitation
(inches)



Estero River Trends Appendix - Display 57

Autocorrelation Statistics

Unadjusted for Seasonal Medians

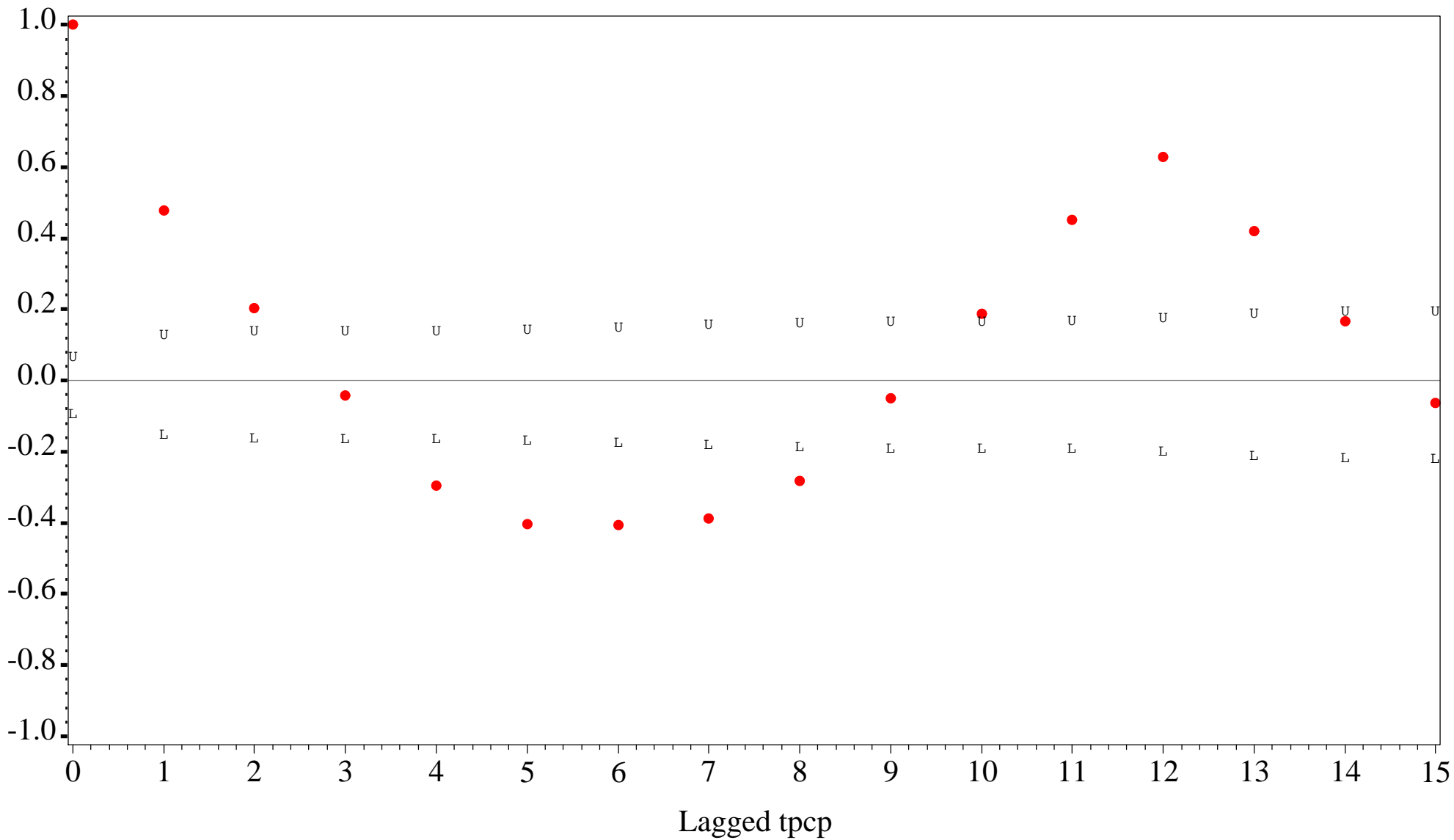
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.479	0.070	0.140	-0.140
2	0.203	0.075	0.150	-0.150
3	-0.041	0.076	0.152	-0.152
4	-0.296	0.076	0.152	-0.152
5	-0.403	0.078	0.156	-0.156
6	-0.407	0.081	0.163	-0.163
7	-0.389	0.085	0.169	-0.169
8	-0.282	0.087	0.175	-0.175
9	-0.051	0.089	0.178	-0.178
10	0.189	0.089	0.178	-0.178
11	0.452	0.090	0.179	-0.179
12	0.629	0.093	0.187	-0.187
13	0.421	0.100	0.200	-0.200
14	0.167	0.103	0.206	-0.206
15	-0.063	0.103	0.207	-0.207

Estero River Trends Appendix - Display 58

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Estero River Trends Appendix - Display 59

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.022	0.421	0.439	.004

Estero River Trends Appendix - Display 60

Seasonal Kendall Tau Trend Test Statistics

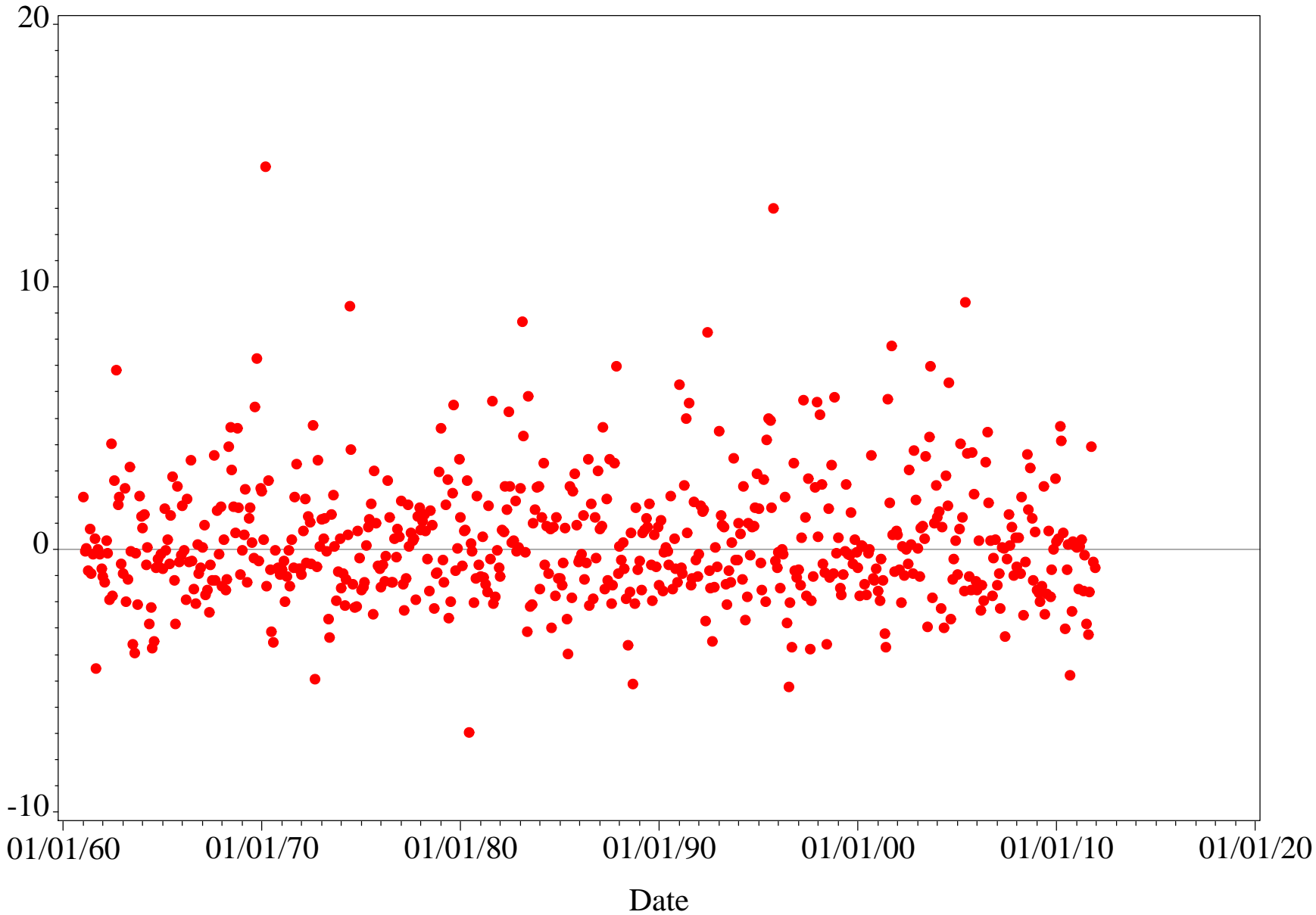
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.022614	0.41856	0.43673	.00390994

Estero River Trends Appendix - Display 61

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Estero River Trends Appendix - Display 62

Autocorrelation Statistics

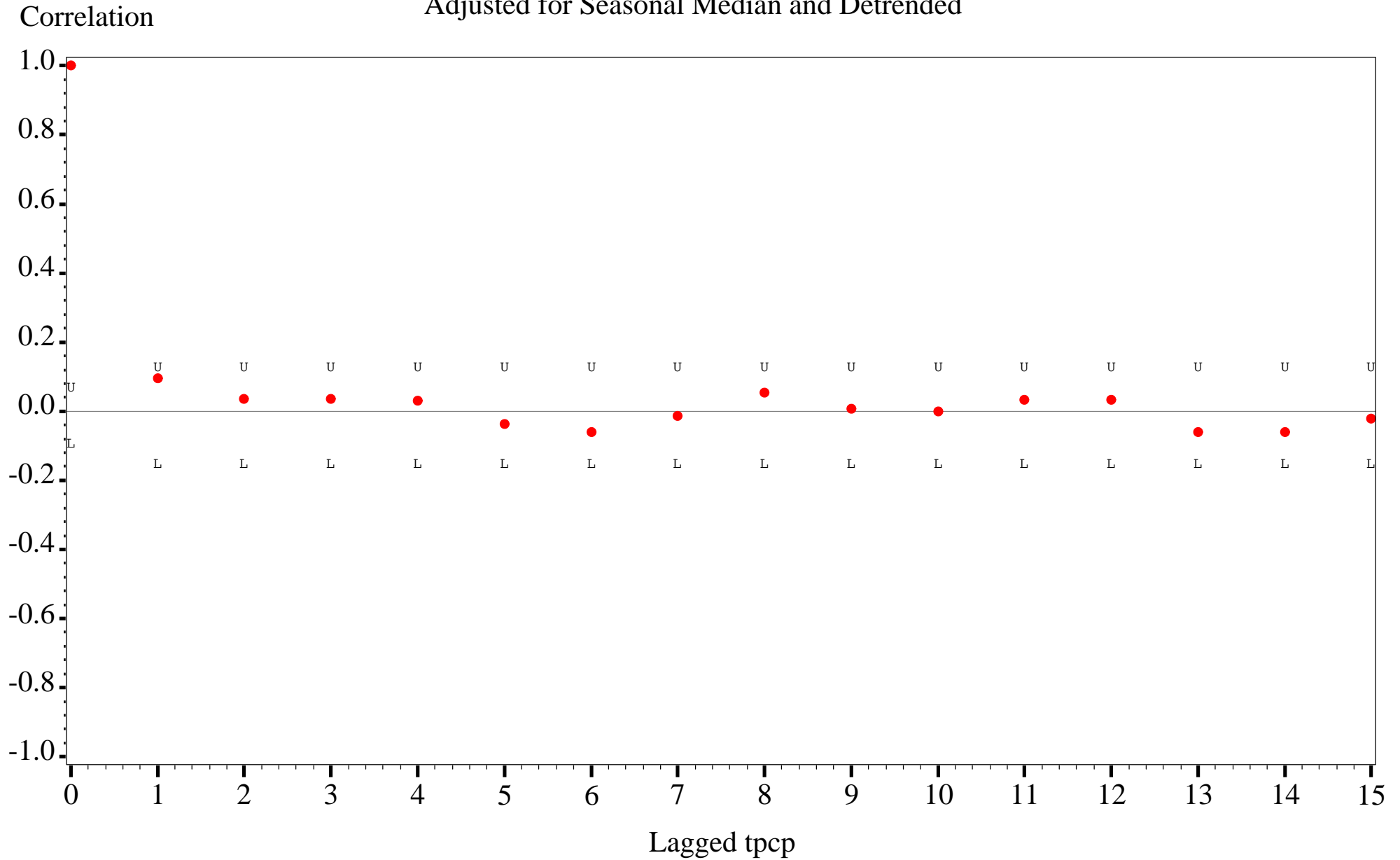
Adjusted for Seasonal Median and Detrended

Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.095	0.070	0.140	-0.140
2	0.037	0.070	0.140	-0.140
3	0.037	0.070	0.141	-0.141
4	0.030	0.070	0.141	-0.141
5	-0.038	0.070	0.141	-0.141
6	-0.060	0.070	0.141	-0.141
7	-0.014	0.070	0.141	-0.141
8	0.053	0.070	0.141	-0.141
9	0.006	0.070	0.141	-0.141
10	0.000	0.070	0.141	-0.141
11	0.034	0.070	0.141	-0.141
12	0.032	0.071	0.141	-0.141
13	-0.060	0.071	0.141	-0.141
14	-0.059	0.071	0.141	-0.141
15	-0.021	0.071	0.141	-0.141

Estero River Trends Appendix - Display 63

Correlogram

Adjusted for Seasonal Median and Detrended



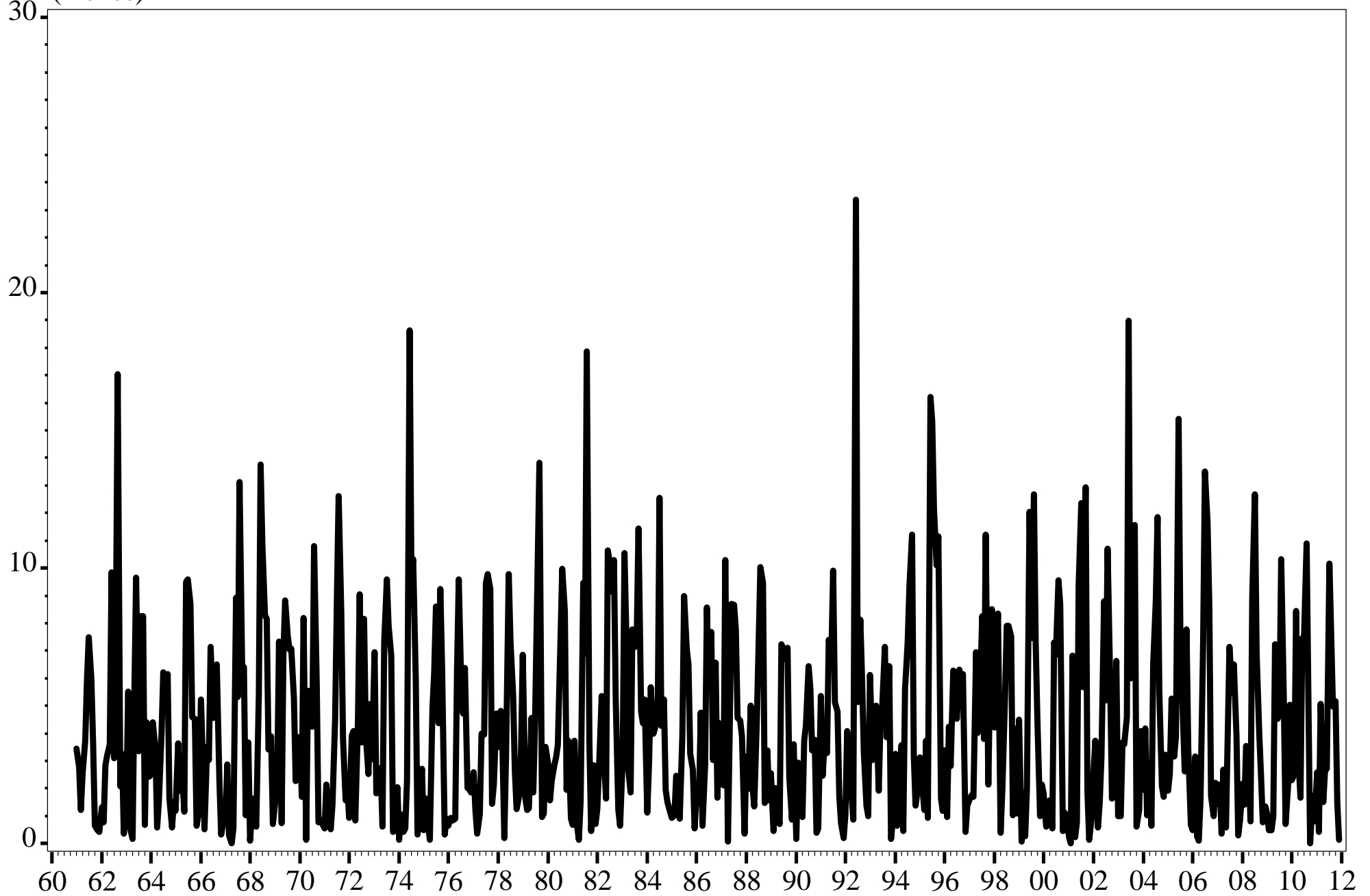
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Gasparilla Sound Trends Appendix - Display 64

Monthly Data Time Series

Adjusted for Seasonal Medians

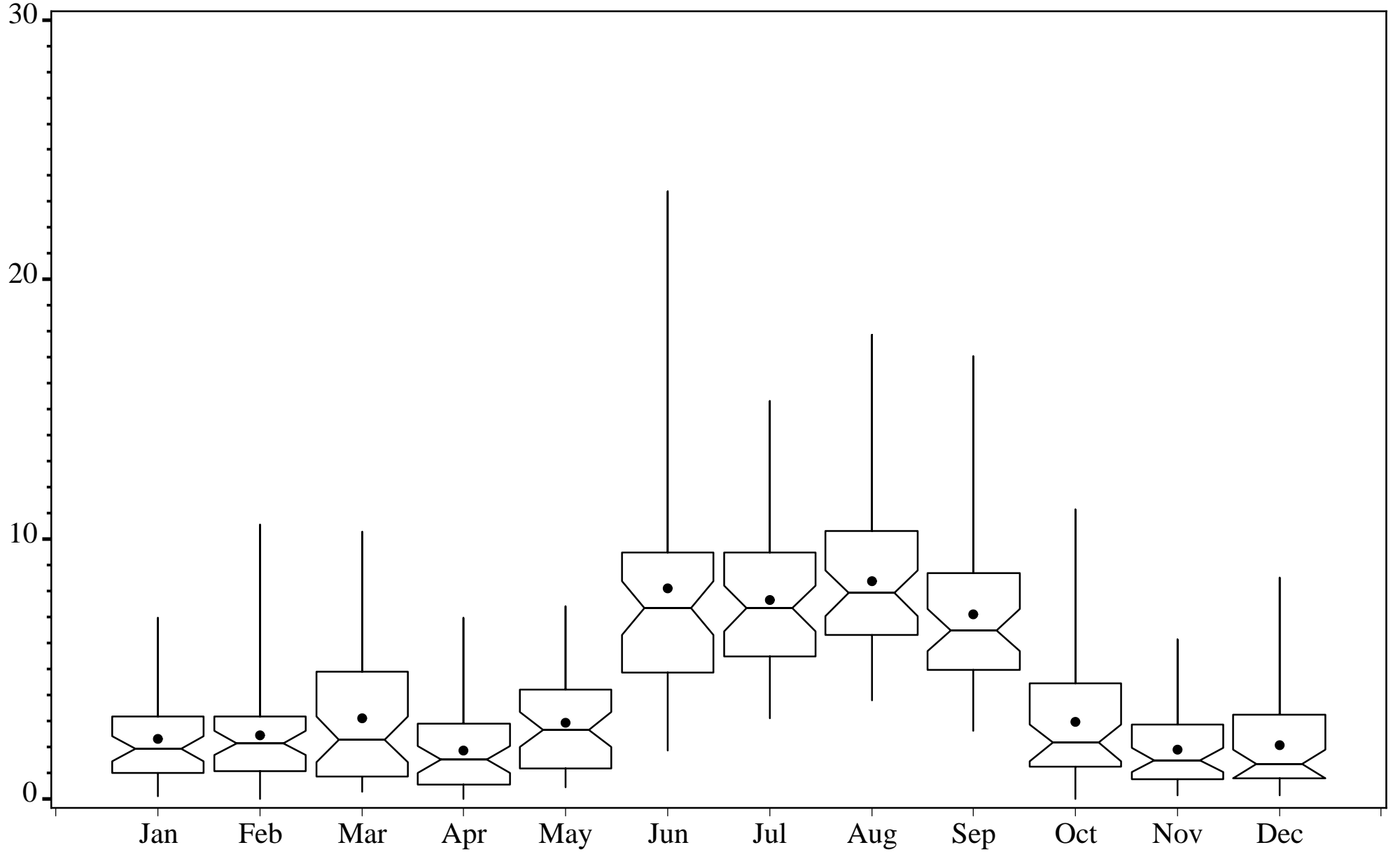
Total Precipitation
(inches)



Gasparilla Sound Trends Appendix - Display 65

Seasonal Univariate Statistics

Total Precipitation
(inches)



Gasparilla Sound Trends Appendix - Display 66

Autocorrelation Statistics

Unadjusted for Seasonal Medians

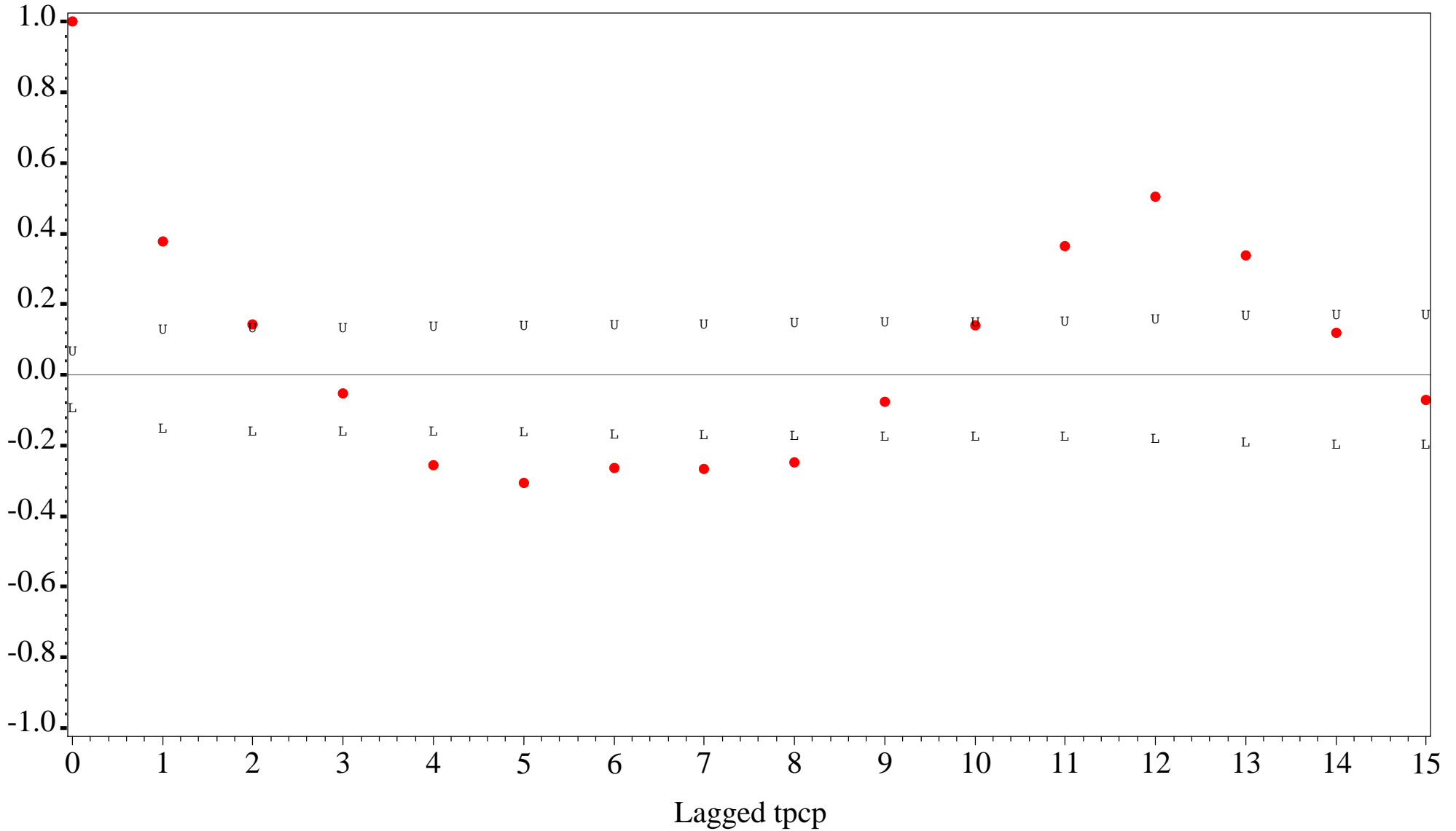
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.379	0.070	0.140	-0.140
2	0.142	0.073	0.147	-0.147
3	-0.052	0.074	0.147	-0.147
4	-0.256	0.074	0.148	-0.148
5	-0.305	0.075	0.150	-0.150
6	-0.265	0.077	0.154	-0.154
7	-0.266	0.079	0.157	-0.157
8	-0.249	0.080	0.160	-0.160
9	-0.077	0.081	0.163	-0.163
10	0.140	0.082	0.163	-0.163
11	0.365	0.082	0.164	-0.164
12	0.506	0.085	0.169	-0.169
13	0.338	0.089	0.179	-0.179
14	0.118	0.091	0.183	-0.183
15	-0.072	0.092	0.183	-0.183

Gasparilla Sound Trends Appendix - Display 67

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Gasparilla Sound Trends Appendix - Display 68

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.011	0.685	0.693	.002

Gasparilla Sound Trends Appendix - Display 69

Seasonal Kendall Tau Trend Test Statistics

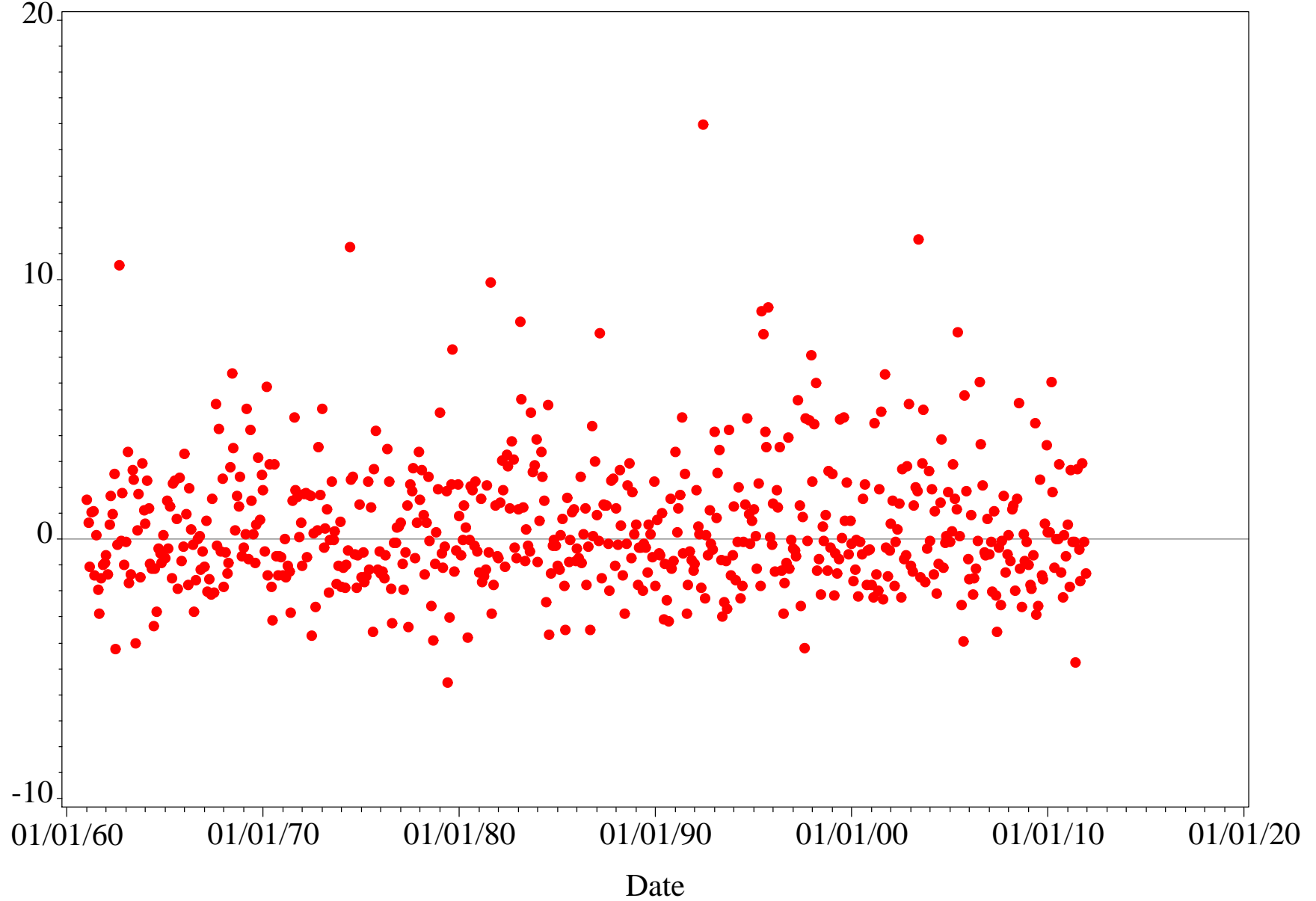
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.011373	0.68501	0.69342	.00216667

Gasparilla Sound Trends Appendix - Display 70

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Gasparilla Sound Trends Appendix - Display 71

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

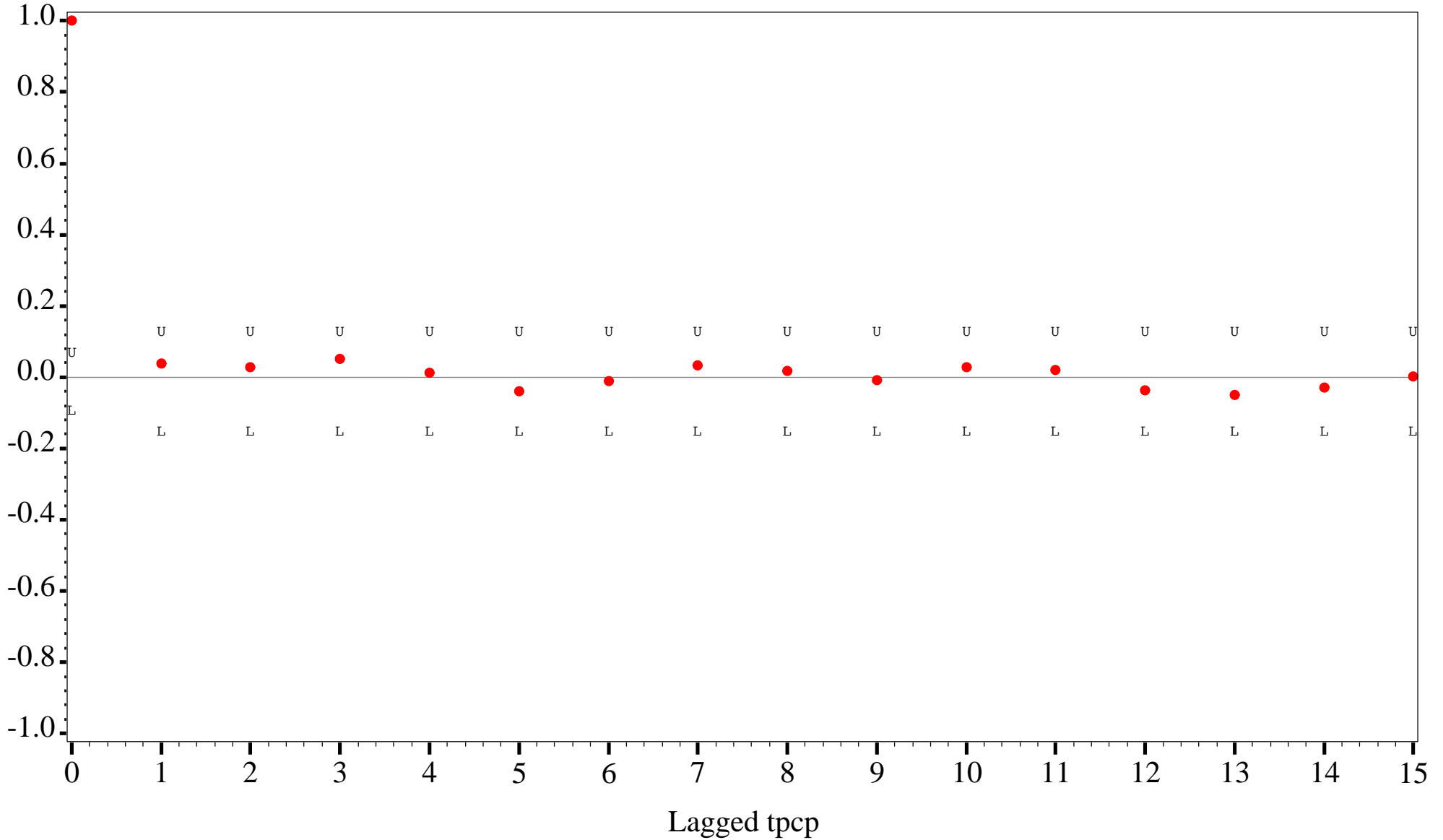
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.038	0.07	0.140	-0.140
2	0.029	0.07	0.140	-0.140
3	0.051	0.07	0.140	-0.140
4	0.012	0.07	0.140	-0.140
5	-0.039	0.07	0.140	-0.140
6	-0.011	0.07	0.140	-0.140
7	0.034	0.07	0.140	-0.140
8	0.017	0.07	0.140	-0.140
9	-0.009	0.07	0.140	-0.140
10	0.028	0.07	0.140	-0.140
11	0.020	0.07	0.140	-0.140
12	-0.037	0.07	0.140	-0.140
13	-0.049	0.07	0.141	-0.141
14	-0.028	0.07	0.141	-0.141
15	0.002	0.07	0.141	-0.141

Gasparilla Sound Trends Appendix - Display 72

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation

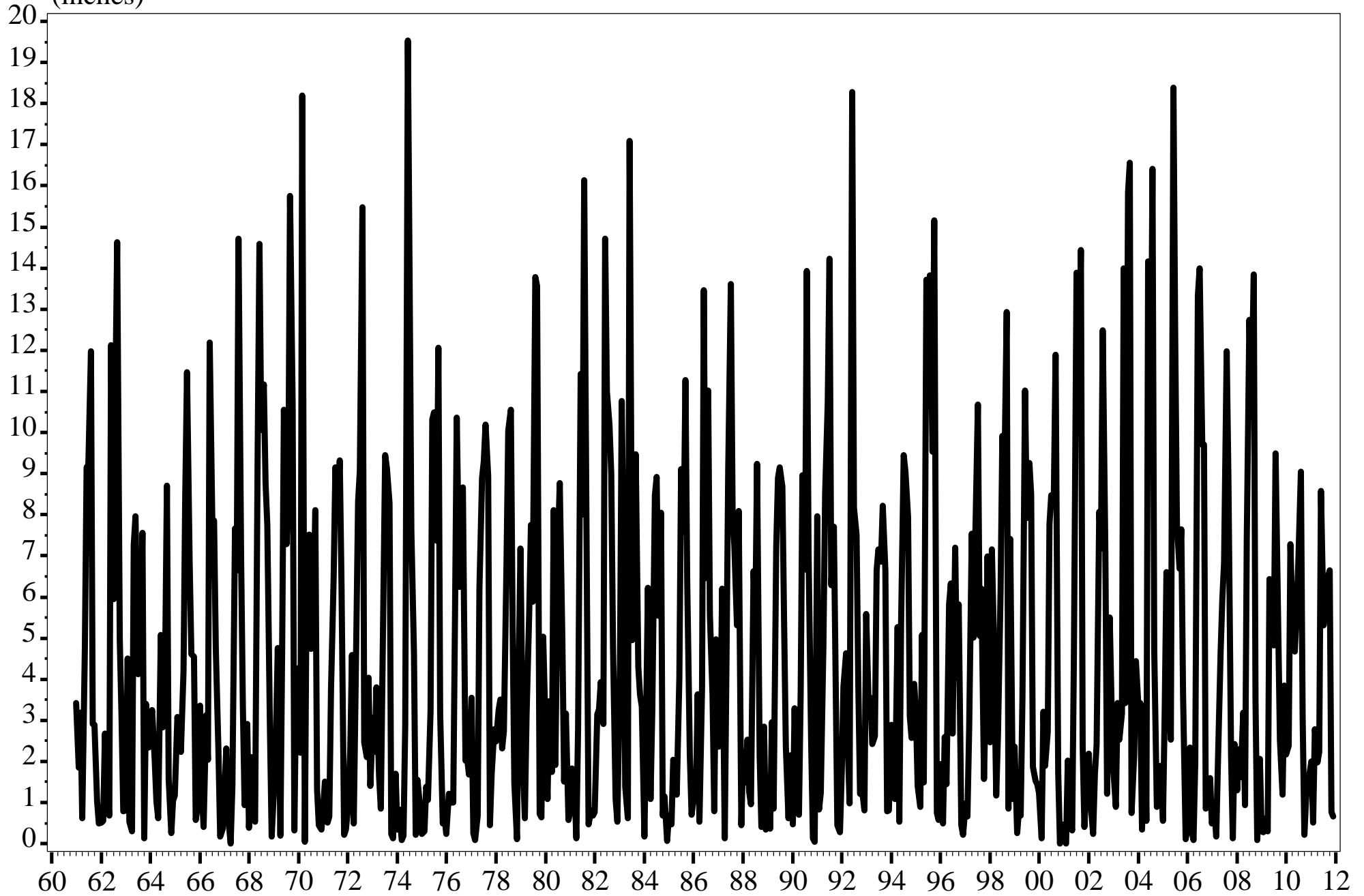


U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Monthly Data Time Series

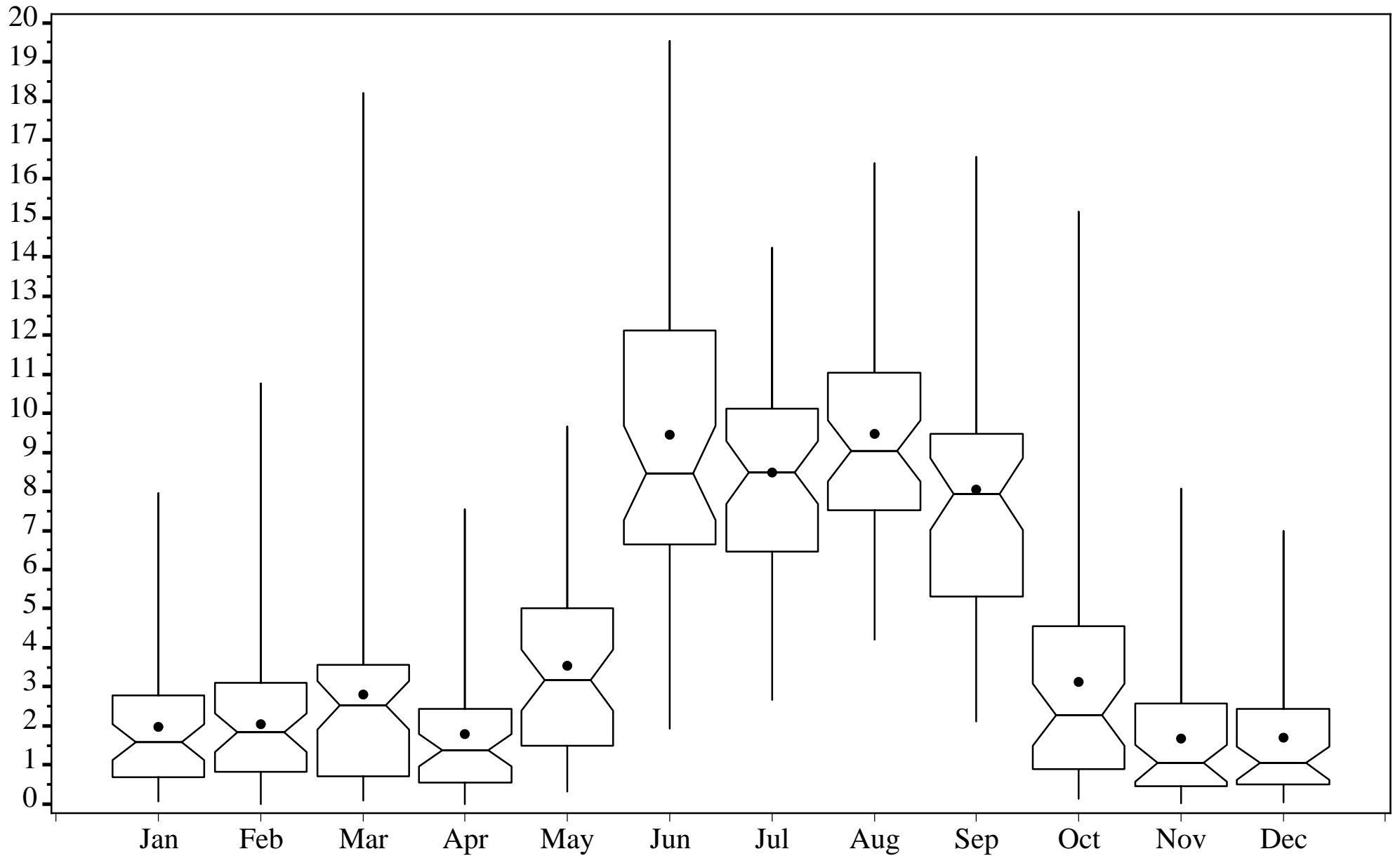
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Hendry Creek & Six Mile Trends Appendix - Display 75

Autocorrelation Statistics

Unadjusted for Seasonal Medians

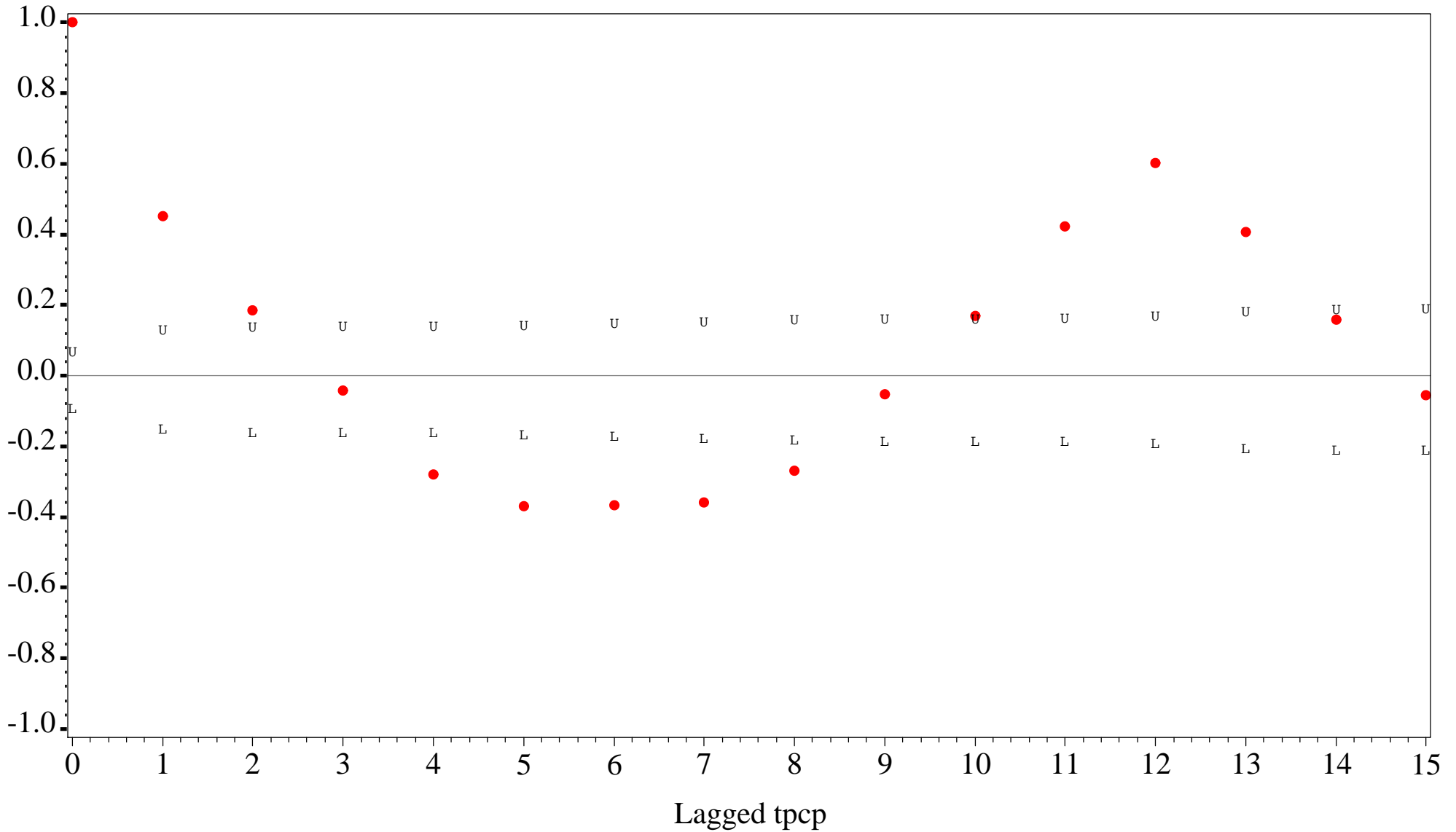
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.452	0.070	0.140	-0.140
2	0.184	0.075	0.149	-0.149
3	-0.041	0.075	0.151	-0.151
4	-0.280	0.075	0.151	-0.151
5	-0.370	0.077	0.154	-0.154
6	-0.368	0.080	0.160	-0.160
7	-0.360	0.083	0.165	-0.165
8	-0.268	0.085	0.170	-0.170
9	-0.053	0.087	0.173	-0.173
10	0.169	0.087	0.173	-0.173
11	0.423	0.087	0.174	-0.174
12	0.602	0.090	0.181	-0.181
13	0.406	0.097	0.194	-0.194
14	0.160	0.100	0.199	-0.199
15	-0.054	0.100	0.200	-0.200

Hendry Creek & Six Mile Trends Appendix - Display 76

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Hendry Creek & Six Mile Trends Appendix - Display 77

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.02	0.476	0.483	.003

Hendry Creek & Six Mile Trends Appendix - Display 78

Seasonal Kendall Tau Trend Test Statistics

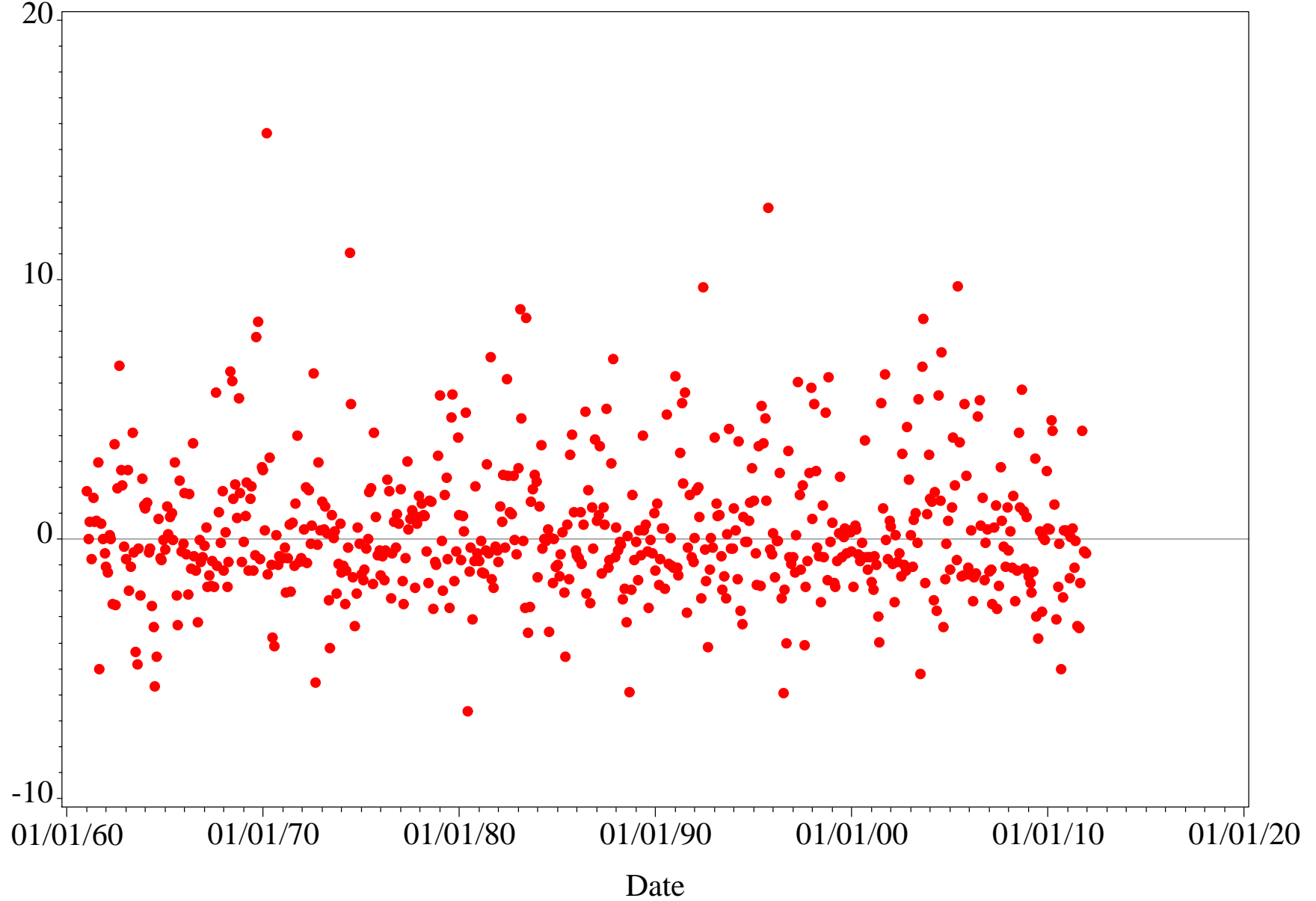
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.02	0.47453	0.48118	.00344445

Hendry Creek & Six Mile Trends Appendix - Display 79

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Hendry Creek & Six Mile Trends Appendix - Display 80

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

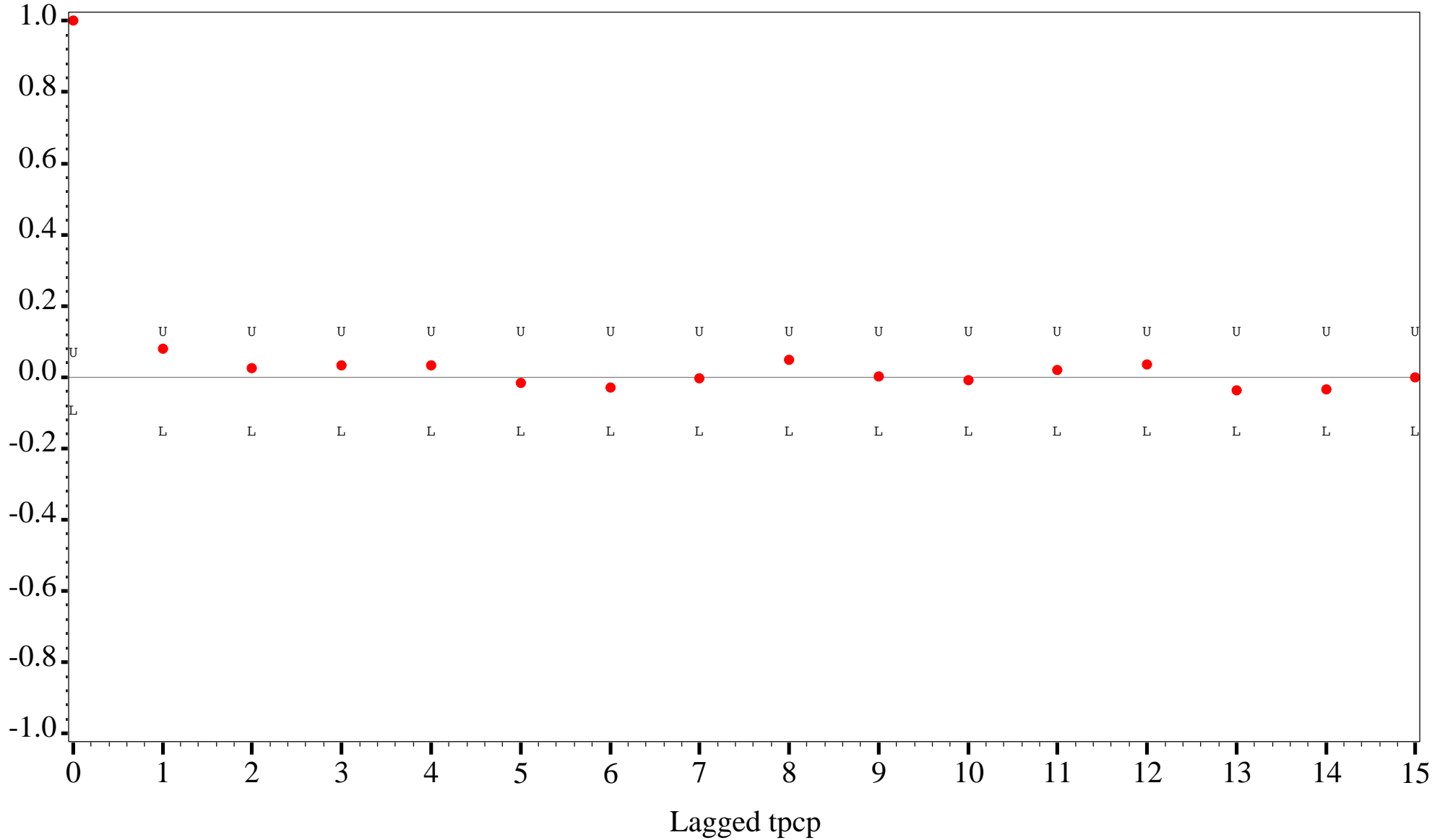
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.080	0.07	0.140	-0.140
2	0.026	0.07	0.140	-0.140
3	0.034	0.07	0.140	-0.140
4	0.032	0.07	0.140	-0.140
5	-0.015	0.07	0.140	-0.140
6	-0.030	0.07	0.140	-0.140
7	-0.004	0.07	0.141	-0.141
8	0.050	0.07	0.141	-0.141
9	0.003	0.07	0.141	-0.141
10	-0.009	0.07	0.141	-0.141
11	0.019	0.07	0.141	-0.141
12	0.037	0.07	0.141	-0.141
13	-0.036	0.07	0.141	-0.141
14	-0.033	0.07	0.141	-0.141
15	-0.001	0.07	0.141	-0.141

Hendry Creek & Six Mile Trends Appendix - Display 81

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



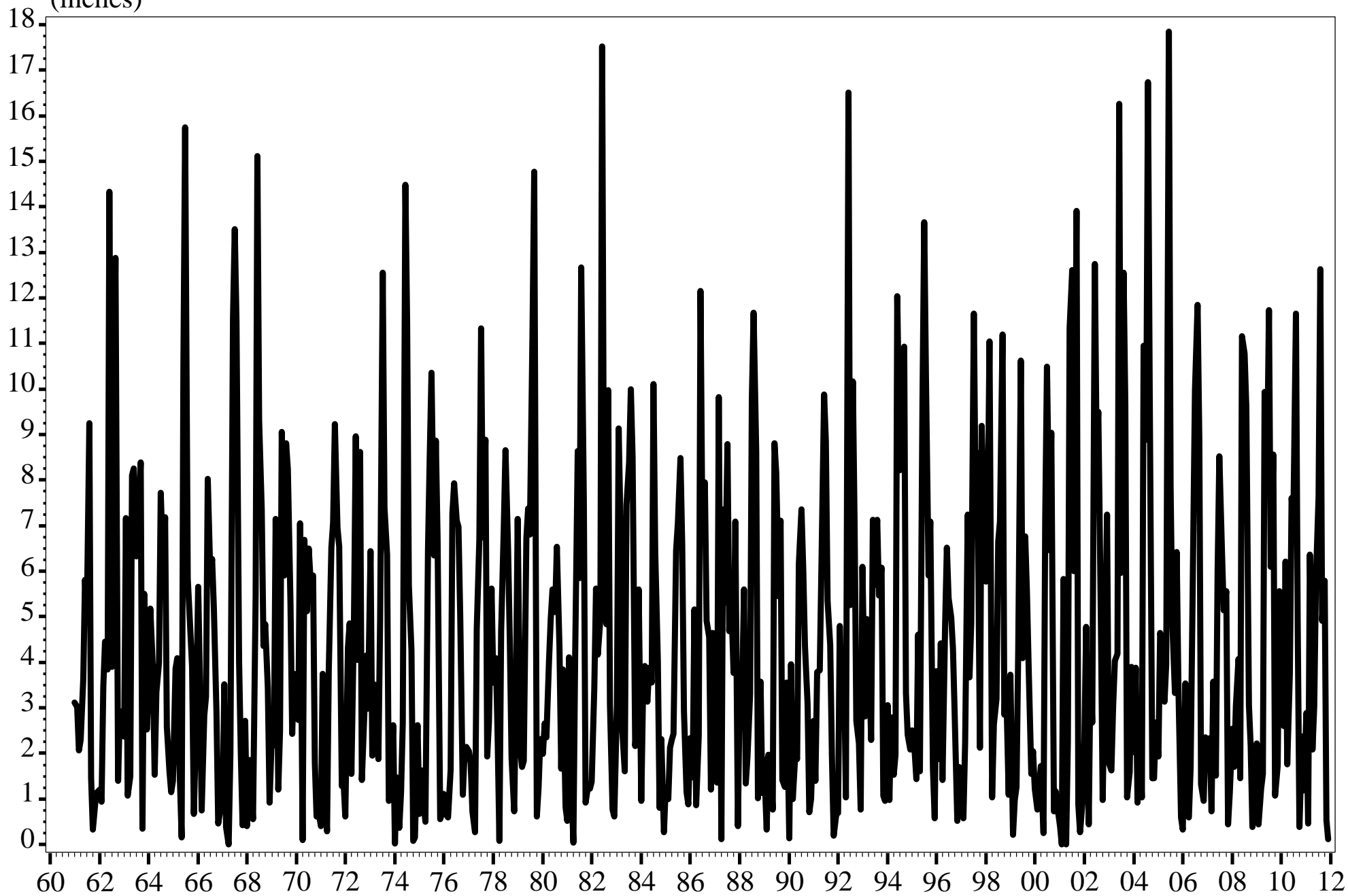
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Horse Creek Trends Appendix - Display 82

Monthly Data Time Series

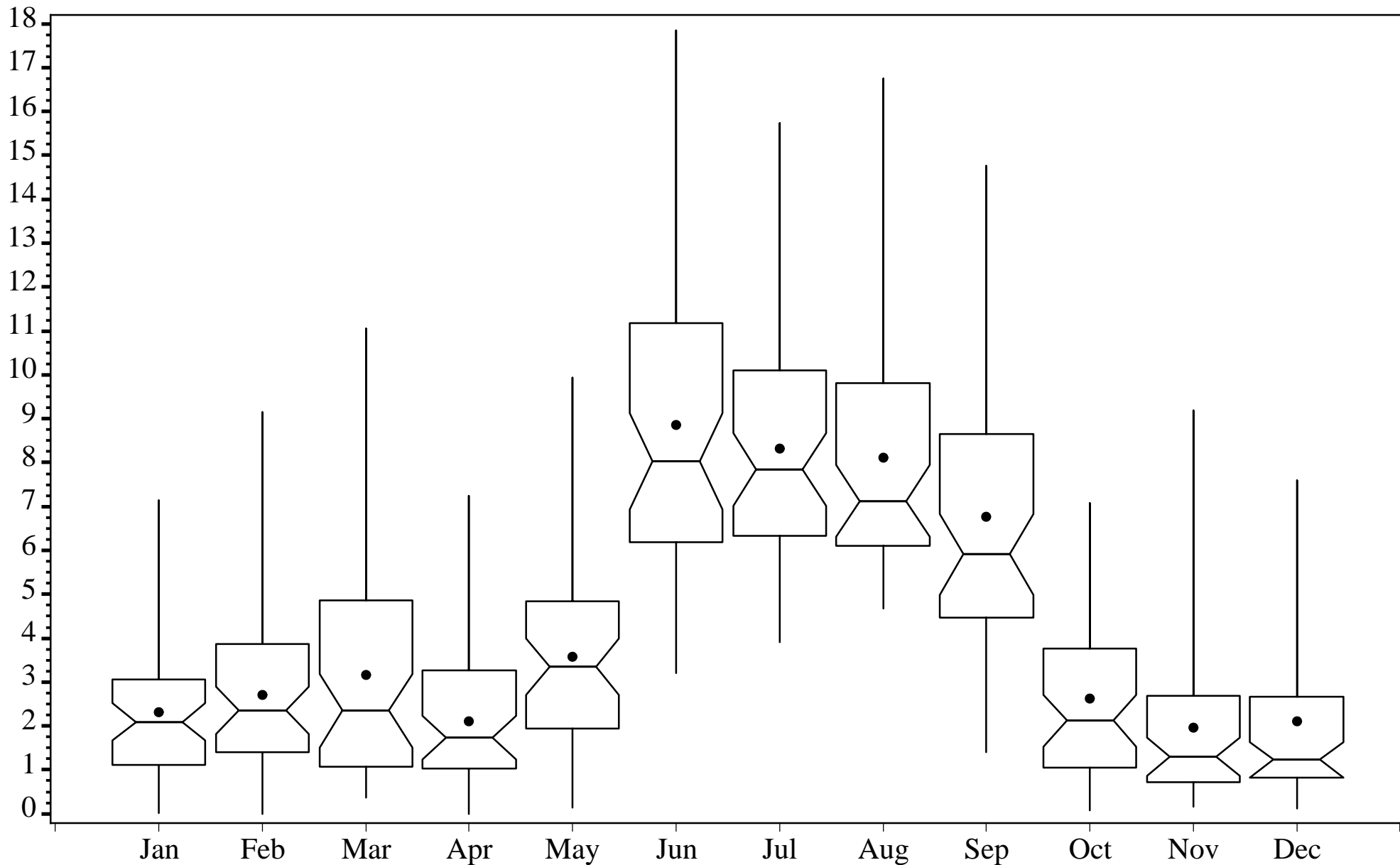
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Horse Creek Trends Appendix - Display 84

Autocorrelation Statistics

Unadjusted for Seasonal Medians

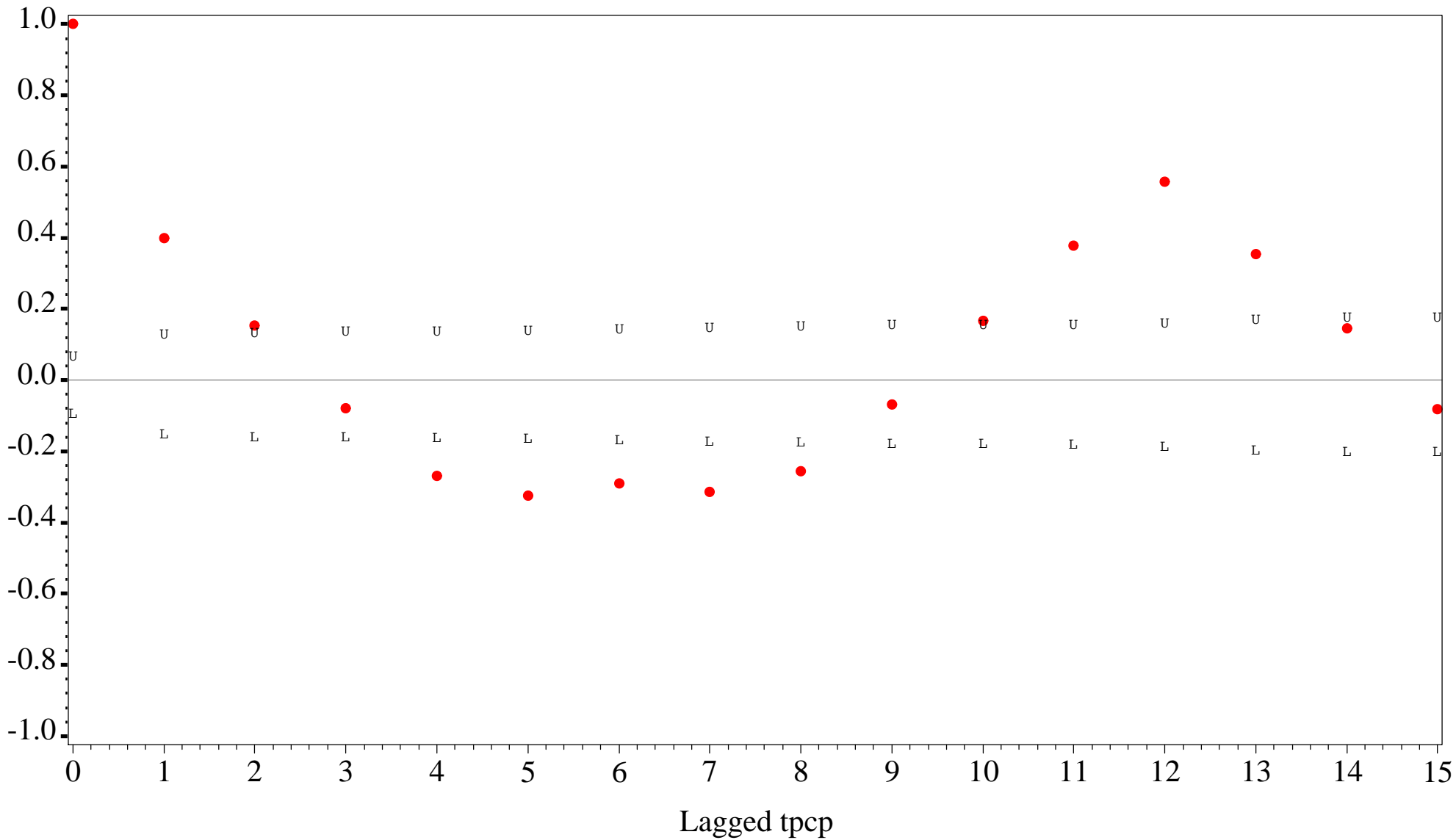
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.399	0.070	0.140	-0.140
2	0.154	0.074	0.147	-0.147
3	-0.080	0.074	0.148	-0.148
4	-0.270	0.074	0.149	-0.149
5	-0.324	0.076	0.152	-0.152
6	-0.289	0.078	0.156	-0.156
7	-0.314	0.080	0.160	-0.160
8	-0.255	0.082	0.164	-0.164
9	-0.067	0.083	0.166	-0.166
10	0.168	0.083	0.166	-0.166
11	0.378	0.084	0.168	-0.168
12	0.557	0.087	0.173	-0.173
13	0.353	0.092	0.184	-0.184
14	0.146	0.094	0.189	-0.189
15	-0.081	0.095	0.189	-0.189

Horse Creek Trends Appendix - Display 85

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Horse Creek Trends Appendix - Display 86

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.015	0.595	0.584	.003

Horse Creek Trends Appendix - Display 87

Seasonal Kendall Tau Trend Test Statistics

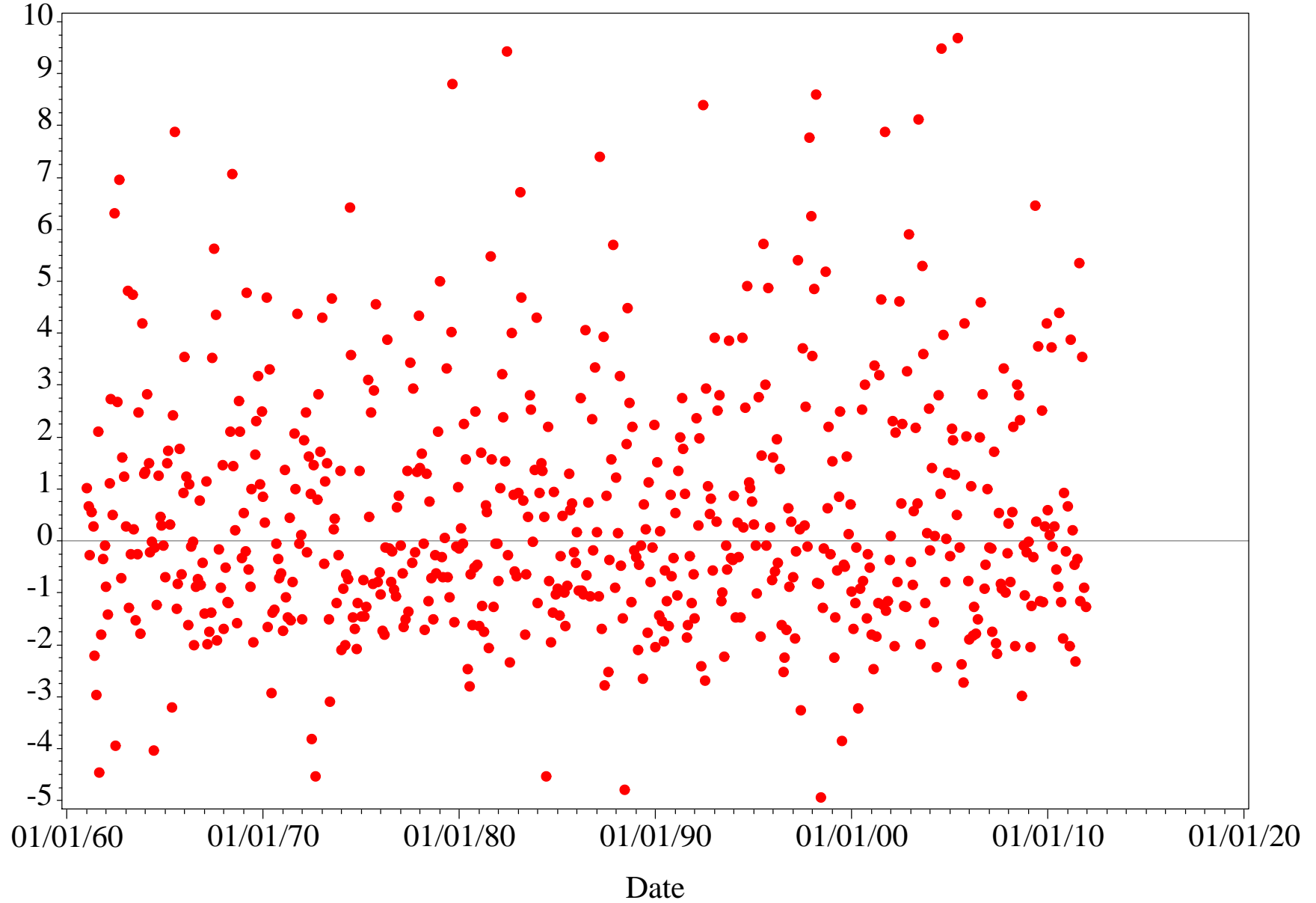
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.014902	0.59456	0.58360	.00280035

Horse Creek Trends Appendix - Display 88

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Horse Creek Trends Appendix - Display 89

Autocorrelation Statistics

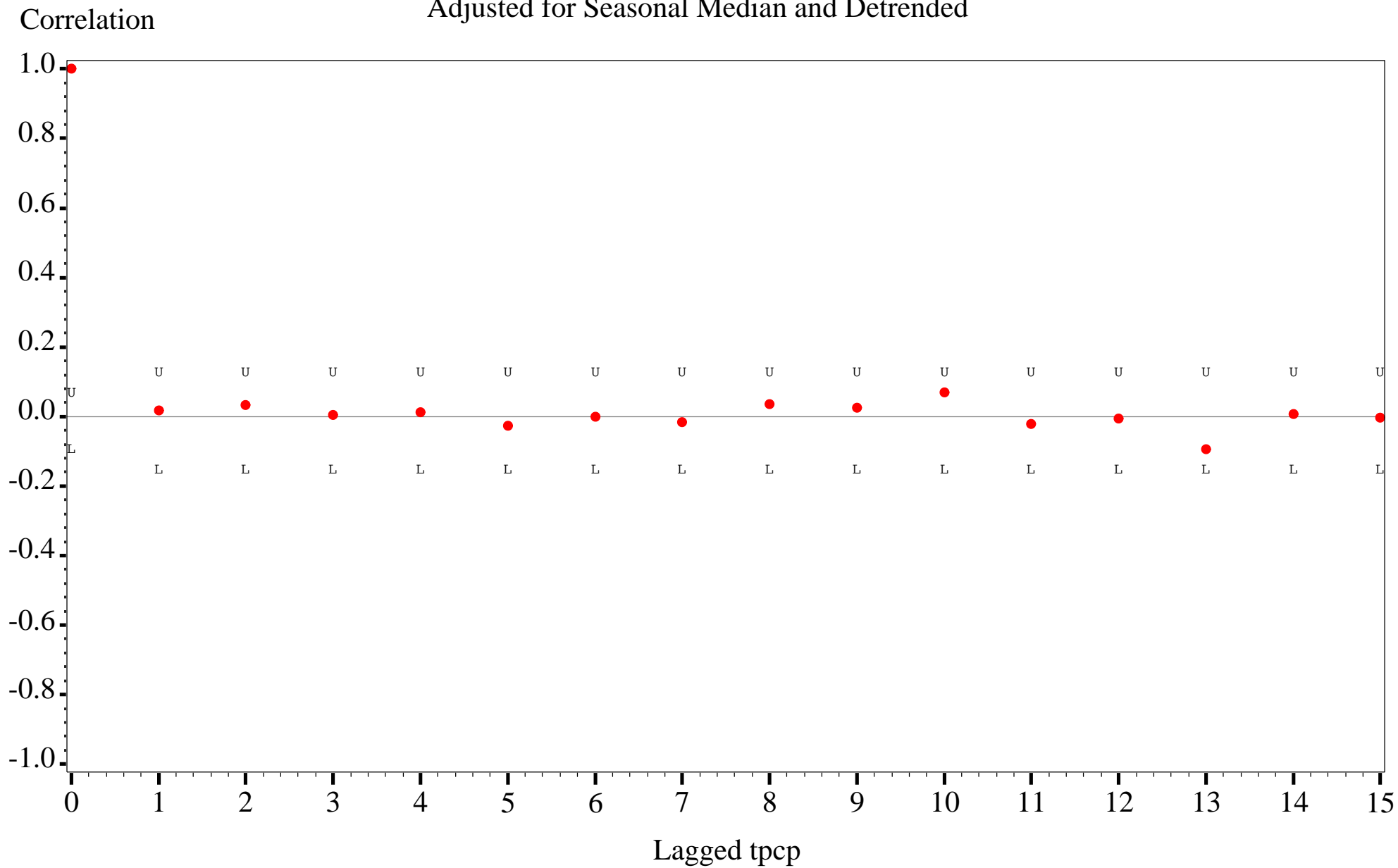
Adjusted for Seasonal Median and Detrended

Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.017	0.07	0.140	-0.140
2	0.033	0.07	0.140	-0.140
3	0.004	0.07	0.140	-0.140
4	0.012	0.07	0.140	-0.140
5	-0.027	0.07	0.140	-0.140
6	0.000	0.07	0.140	-0.140
7	-0.016	0.07	0.140	-0.140
8	0.035	0.07	0.140	-0.140
9	0.026	0.07	0.140	-0.140
10	0.070	0.07	0.140	-0.140
11	-0.022	0.07	0.140	-0.140
12	-0.007	0.07	0.140	-0.140
13	-0.094	0.07	0.140	-0.140
14	0.007	0.07	0.141	-0.141
15	-0.003	0.07	0.141	-0.141

Horse Creek Trends Appendix - Display 90

Correlogram

Adjusted for Seasonal Median and Detrended



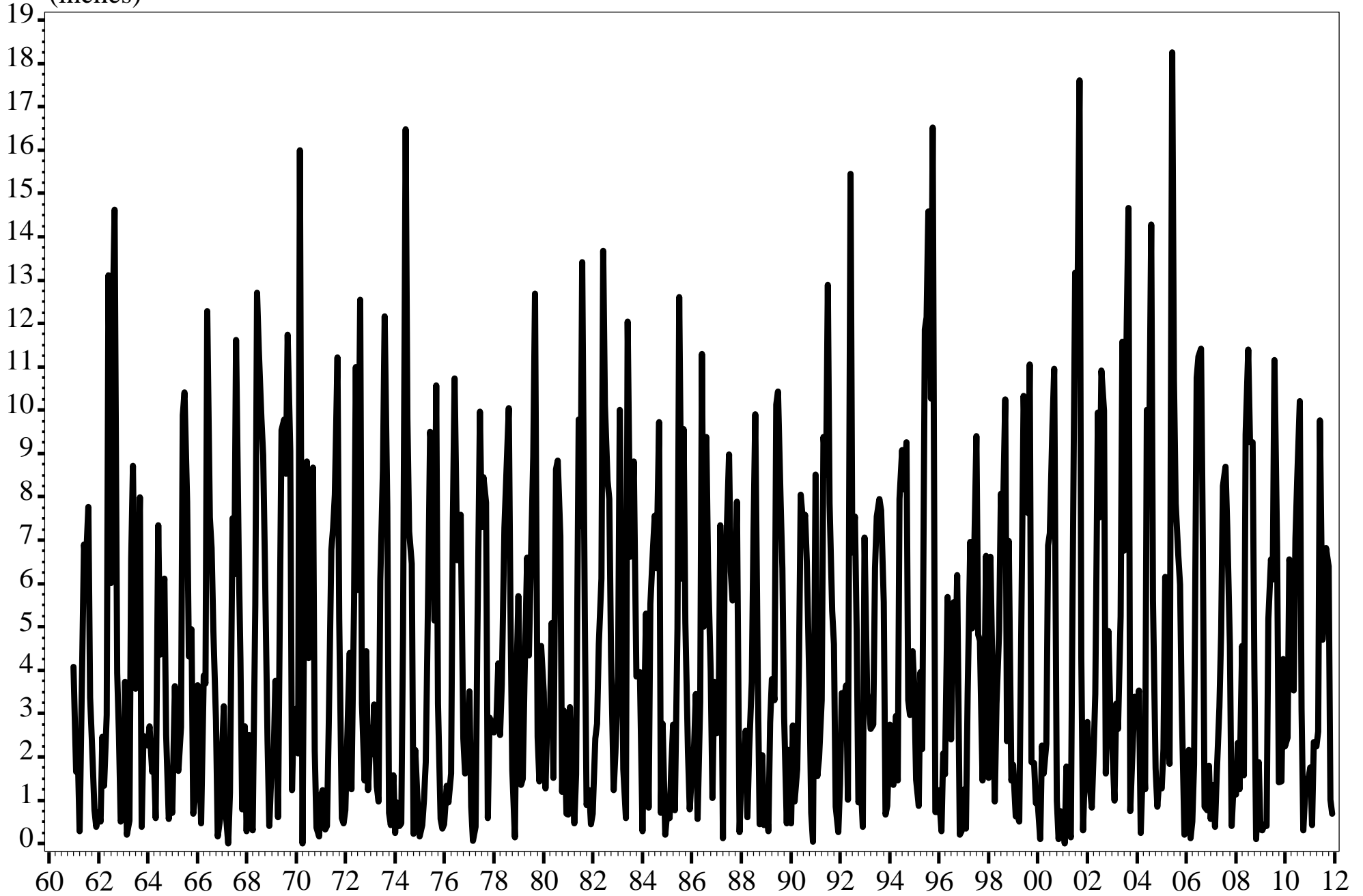
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Imperial River Trends Appendix - Display 91

Monthly Data Time Series

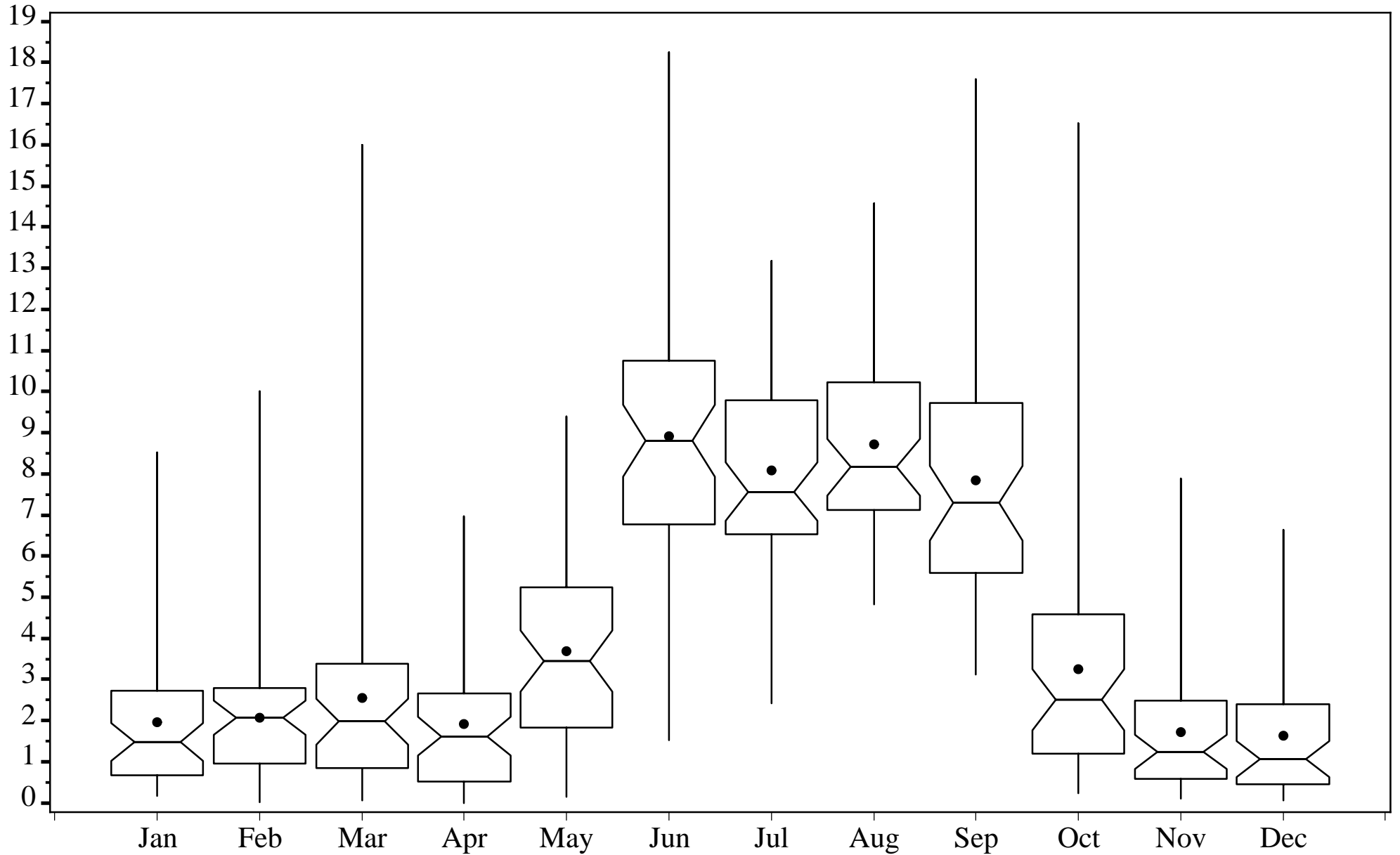
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Imperial River Trends Appendix - Display 93

Autocorrelation Statistics

Unadjusted for Seasonal Medians

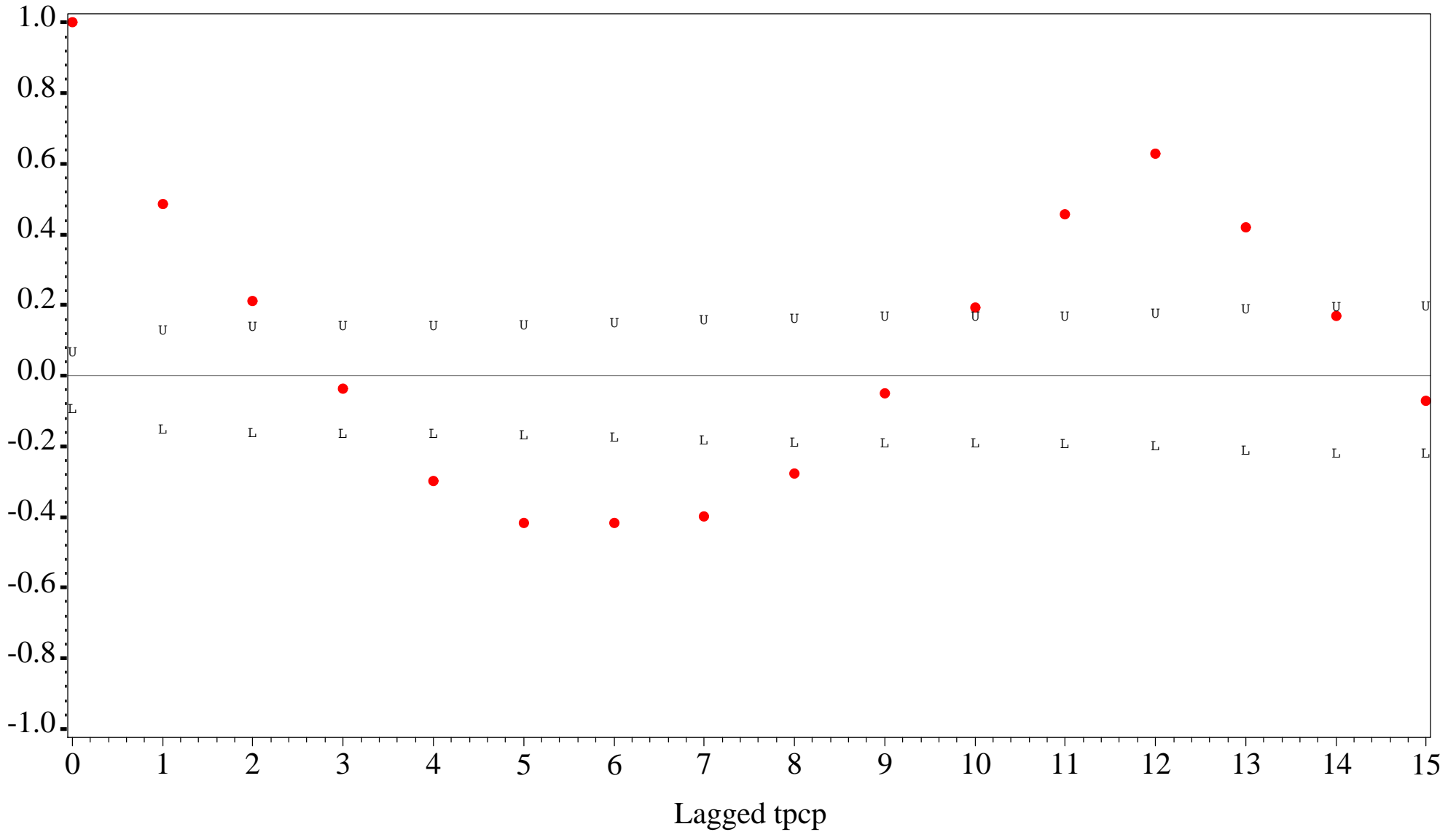
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.486	0.070	0.140	-0.140
2	0.211	0.075	0.151	-0.151
3	-0.037	0.076	0.153	-0.153
4	-0.299	0.076	0.153	-0.153
5	-0.416	0.078	0.156	-0.156
6	-0.417	0.082	0.163	-0.163
7	-0.399	0.085	0.170	-0.170
8	-0.278	0.088	0.176	-0.176
9	-0.050	0.090	0.179	-0.179
10	0.194	0.090	0.179	-0.179
11	0.458	0.090	0.181	-0.181
12	0.628	0.094	0.188	-0.188
13	0.420	0.101	0.201	-0.201
14	0.170	0.103	0.207	-0.207
15	-0.072	0.104	0.208	-0.208

Imperial River Trends Appendix - Display 94

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Imperial River Trends Appendix - Display 95

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.026	0.347	0.404	.004

Imperial River Trends Appendix - Display 96

Seasonal Kendall Tau Trend Test Statistics

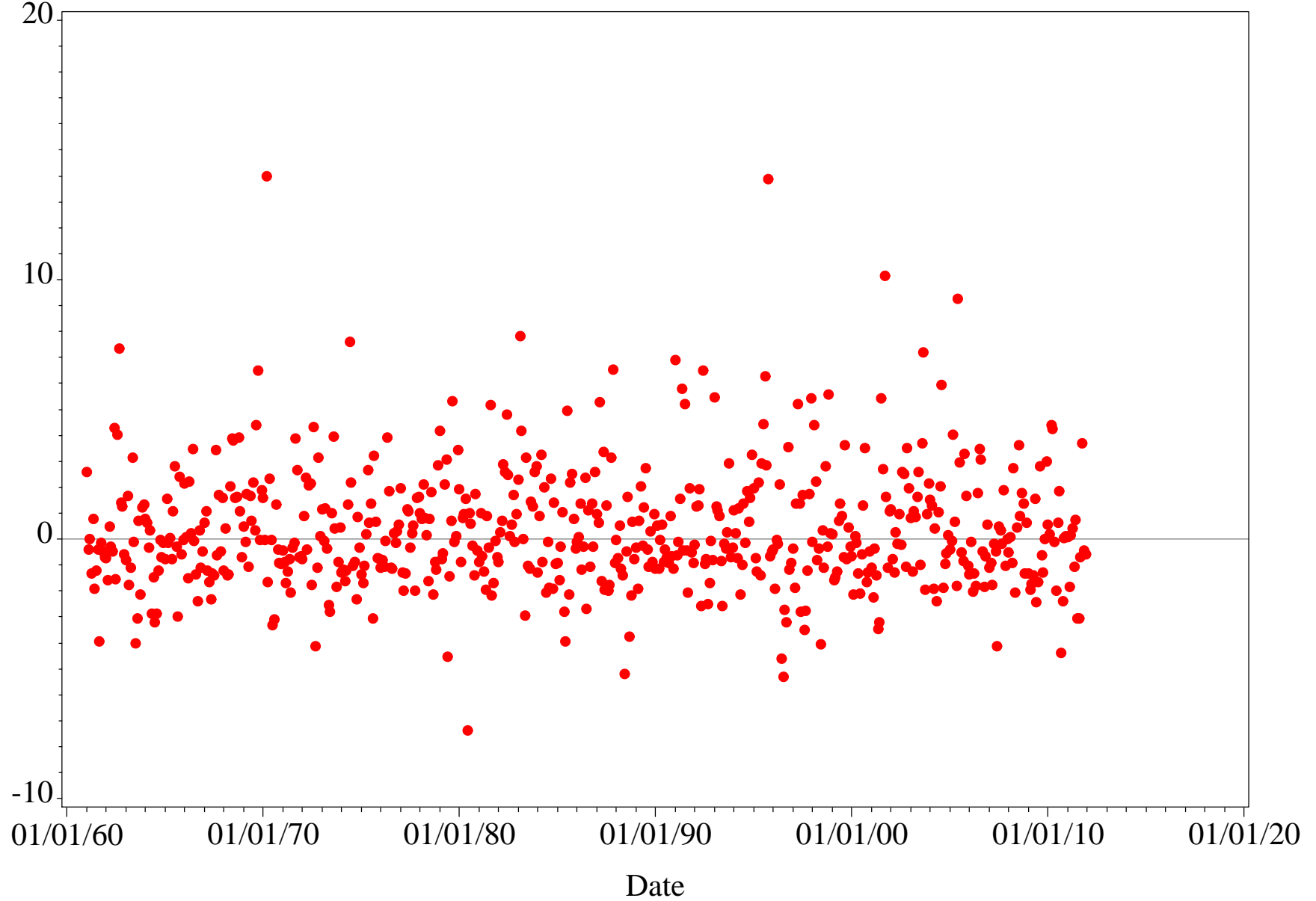
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.026209	0.34831	0.40467	.00401191

Imperial River Trends Appendix - Display 97

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Imperial River Trends Appendix - Display 98

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

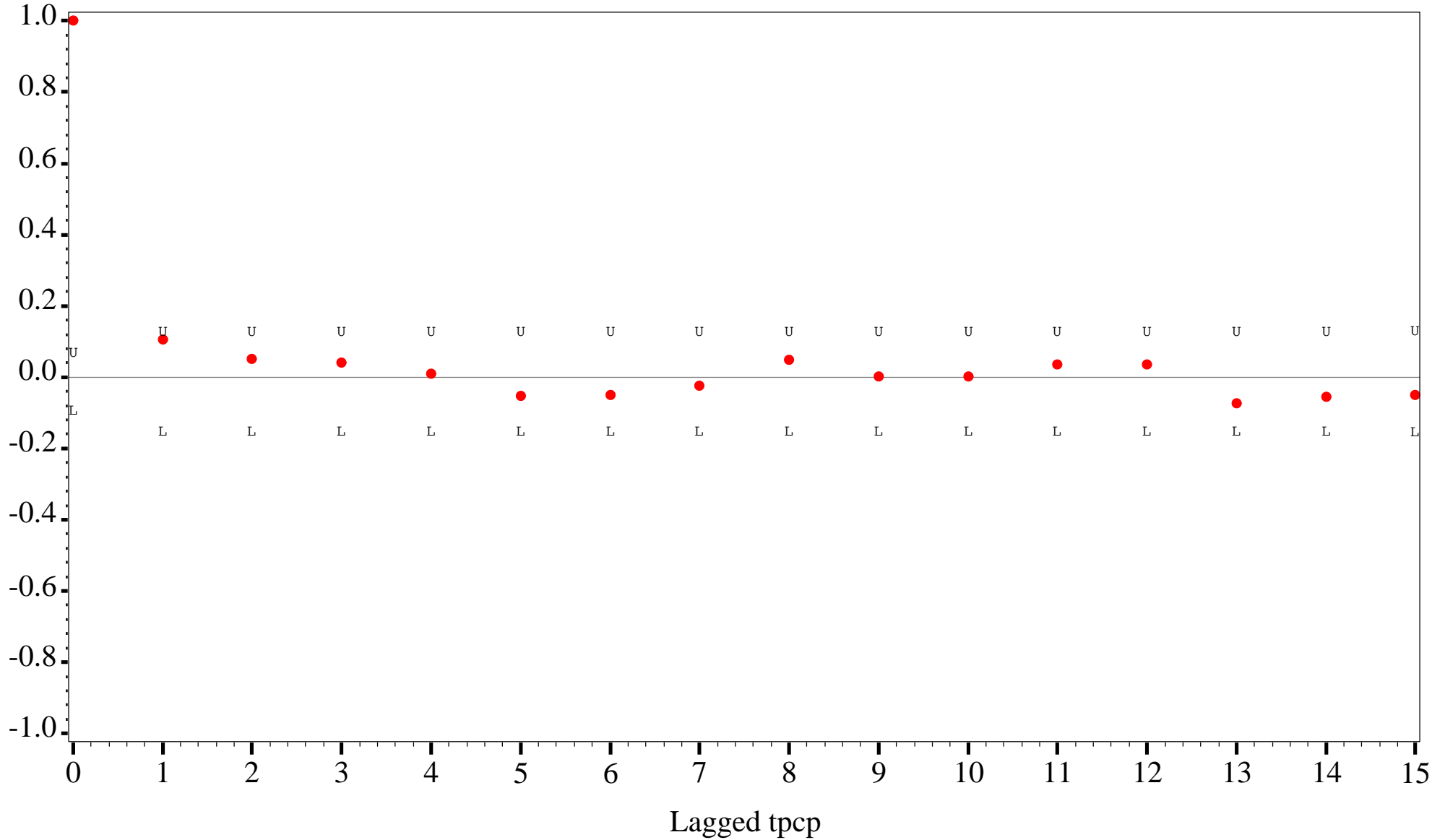
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.105	0.070	0.140	-0.140
2	0.051	0.070	0.141	-0.141
3	0.040	0.070	0.141	-0.141
4	0.009	0.070	0.141	-0.141
5	-0.052	0.070	0.141	-0.141
6	-0.051	0.070	0.141	-0.141
7	-0.024	0.070	0.141	-0.141
8	0.050	0.071	0.141	-0.141
9	0.001	0.071	0.141	-0.141
10	0.002	0.071	0.141	-0.141
11	0.036	0.071	0.141	-0.141
12	0.036	0.071	0.141	-0.141
13	-0.073	0.071	0.141	-0.141
14	-0.055	0.071	0.141	-0.141
15	-0.049	0.071	0.142	-0.142

Imperial River Trends Appendix - Display 99

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



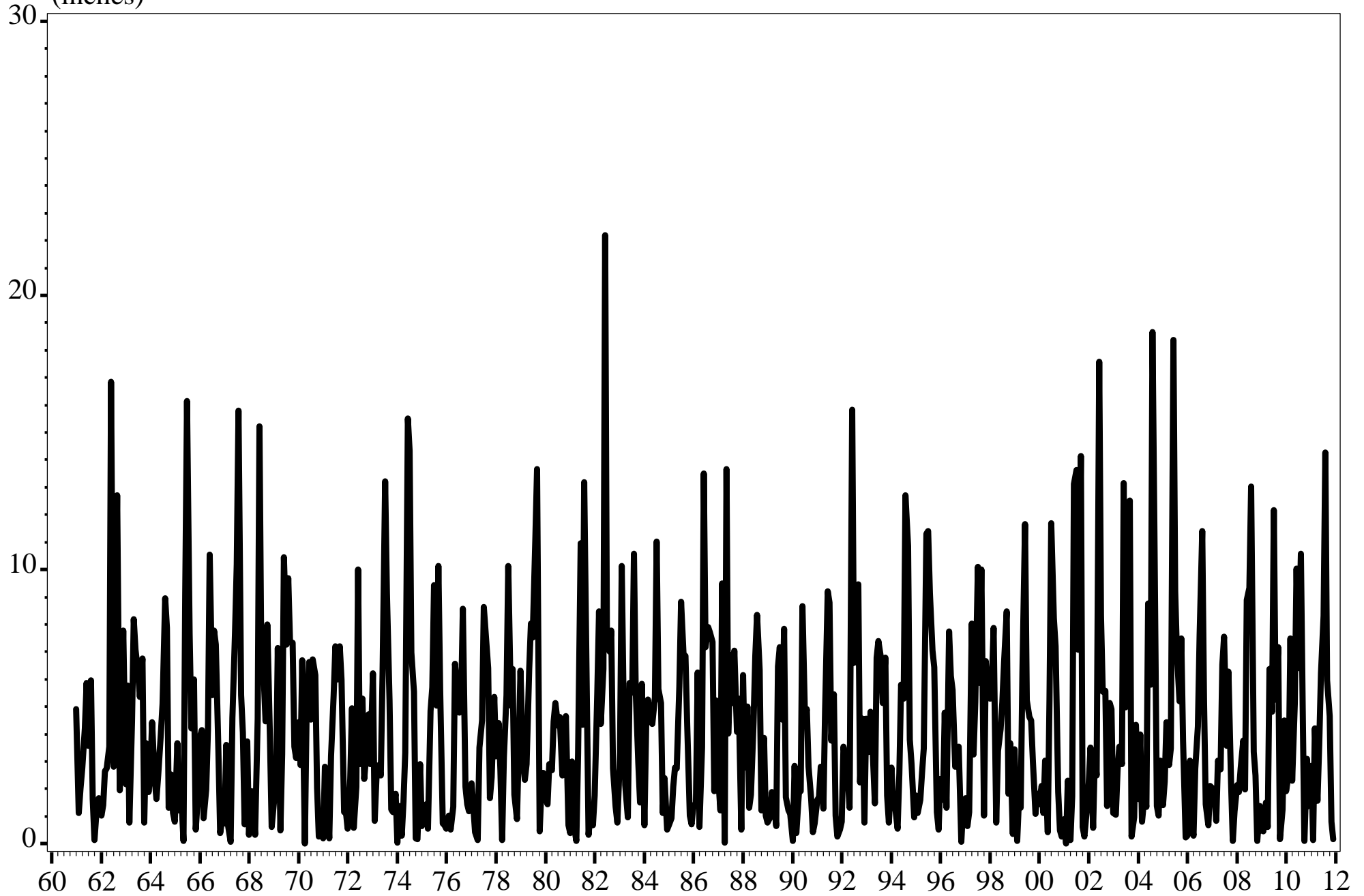
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Joshua Creek Trends Appendix - Display 100

Monthly Data Time Series

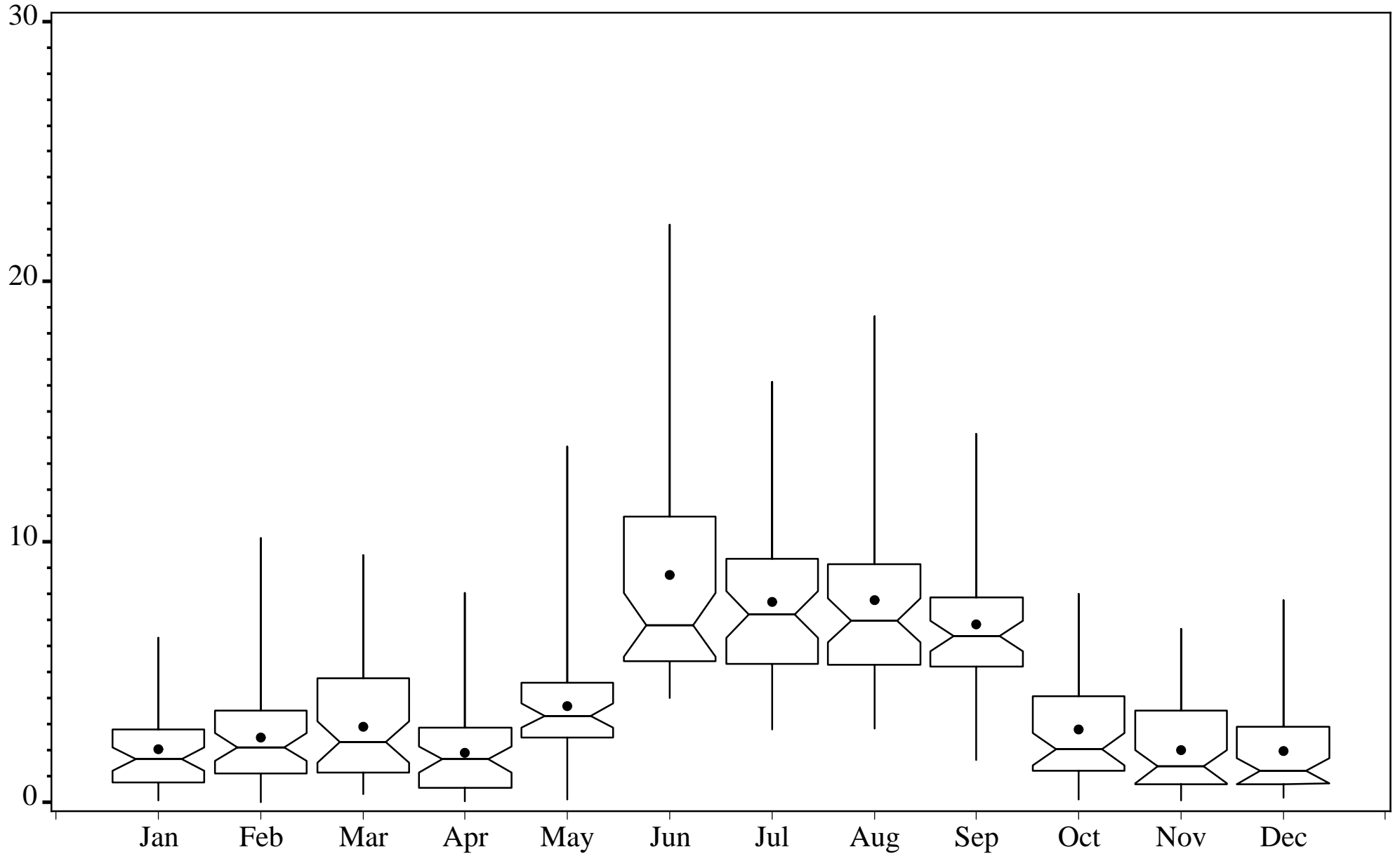
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Joshua Creek Trends Appendix - Display 102

Autocorrelation Statistics

Unadjusted for Seasonal Medians

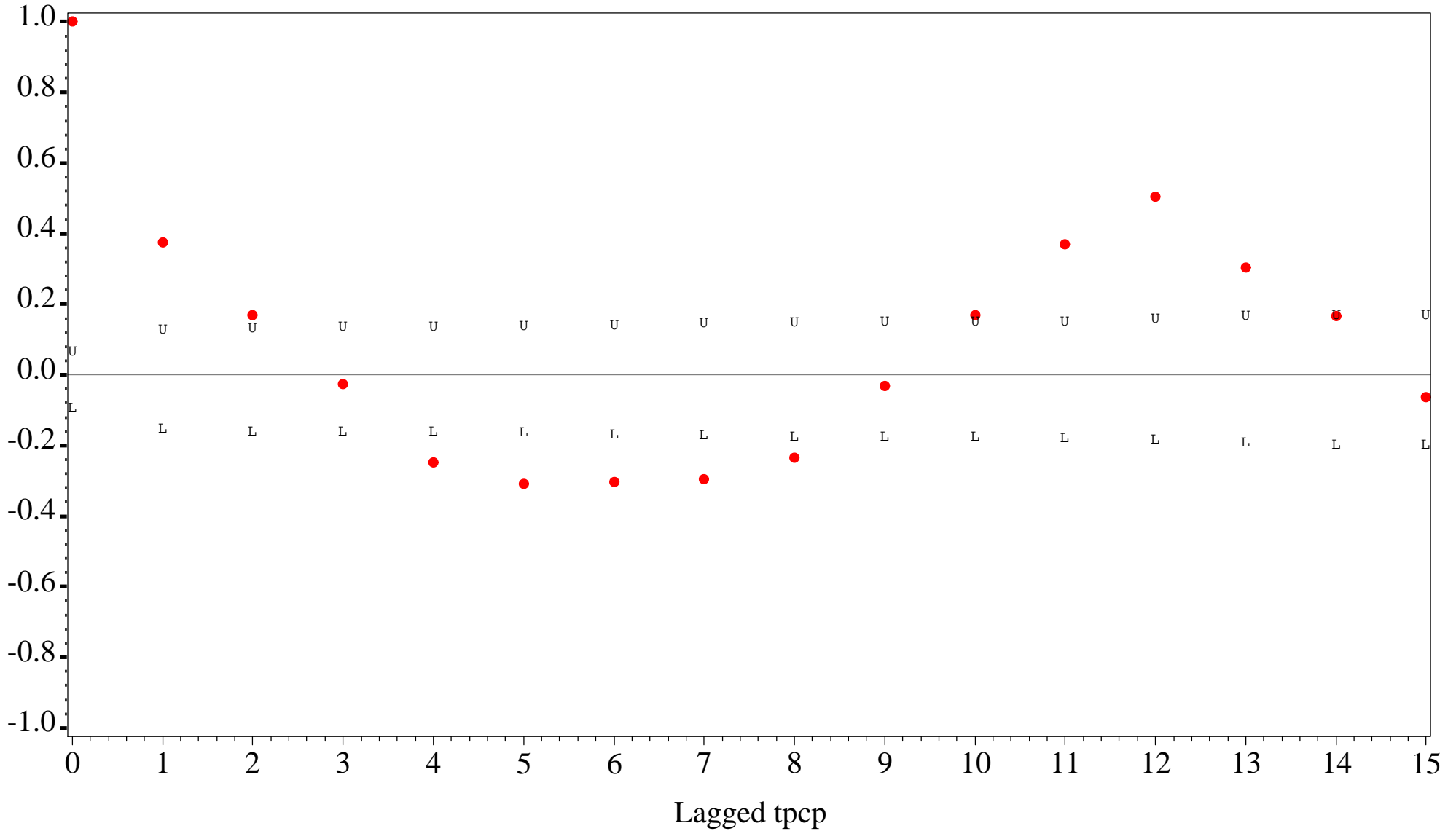
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.376	0.070	0.140	-0.140
2	0.170	0.073	0.146	-0.146
3	-0.025	0.074	0.148	-0.148
4	-0.247	0.074	0.148	-0.148
5	-0.308	0.075	0.150	-0.150
6	-0.302	0.077	0.155	-0.155
7	-0.296	0.079	0.158	-0.158
8	-0.235	0.081	0.162	-0.162
9	-0.032	0.082	0.164	-0.164
10	0.169	0.082	0.164	-0.164
11	0.370	0.083	0.165	-0.165
12	0.505	0.085	0.171	-0.171
13	0.304	0.090	0.180	-0.180
14	0.166	0.092	0.183	-0.183
15	-0.063	0.092	0.184	-0.184

Joshua Creek Trends Appendix - Display 103

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Joshua Creek Trends Appendix - Display 104

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-0.013	0.632	0.658	-.002

Joshua Creek Trends Appendix - Display 105

Seasonal Kendall Tau Trend Test Statistics

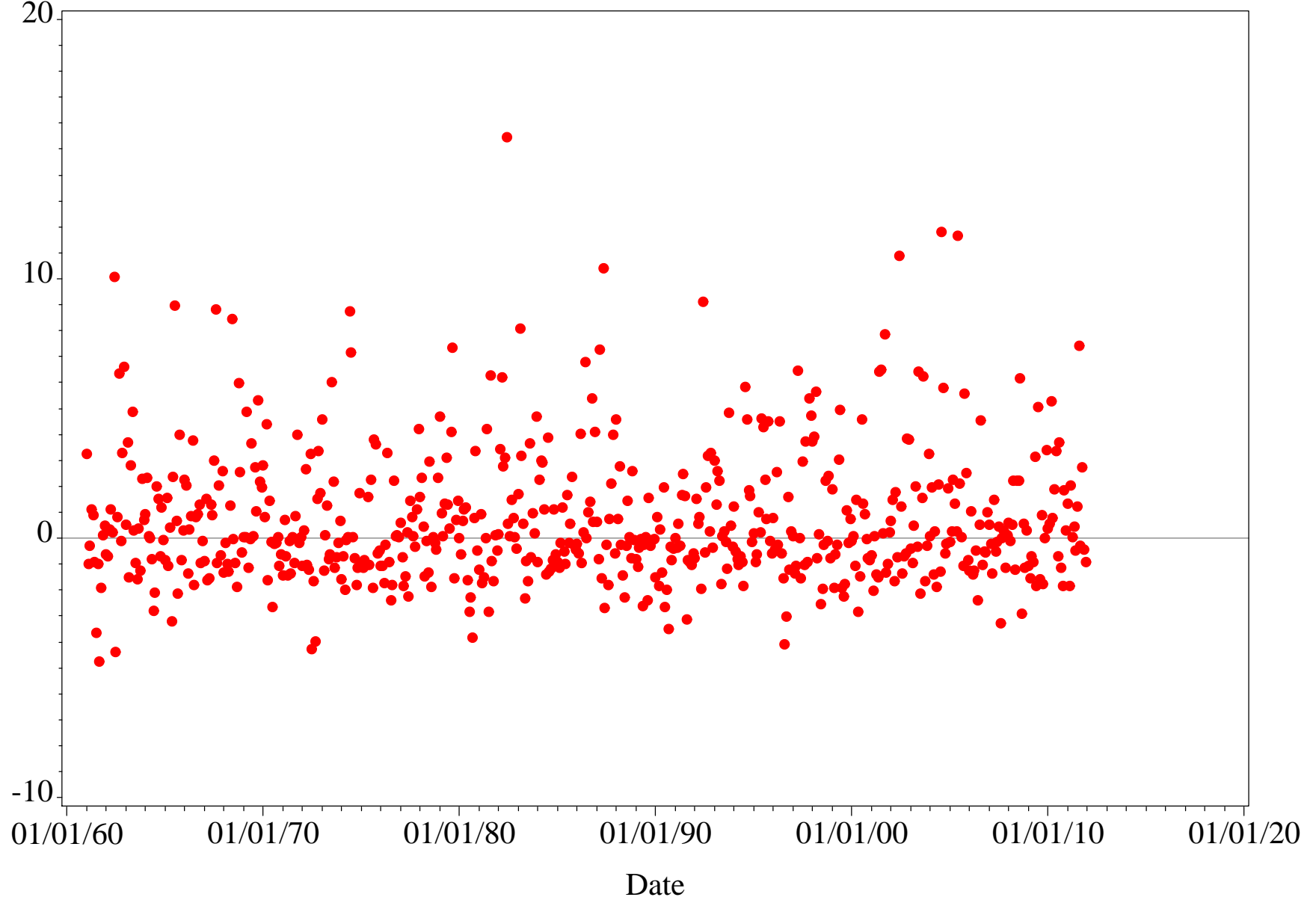
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-0.013333	0.63409	0.65964	-.00221547

Joshua Creek Trends Appendix - Display 106

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Joshua Creek Trends Appendix - Display 107

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

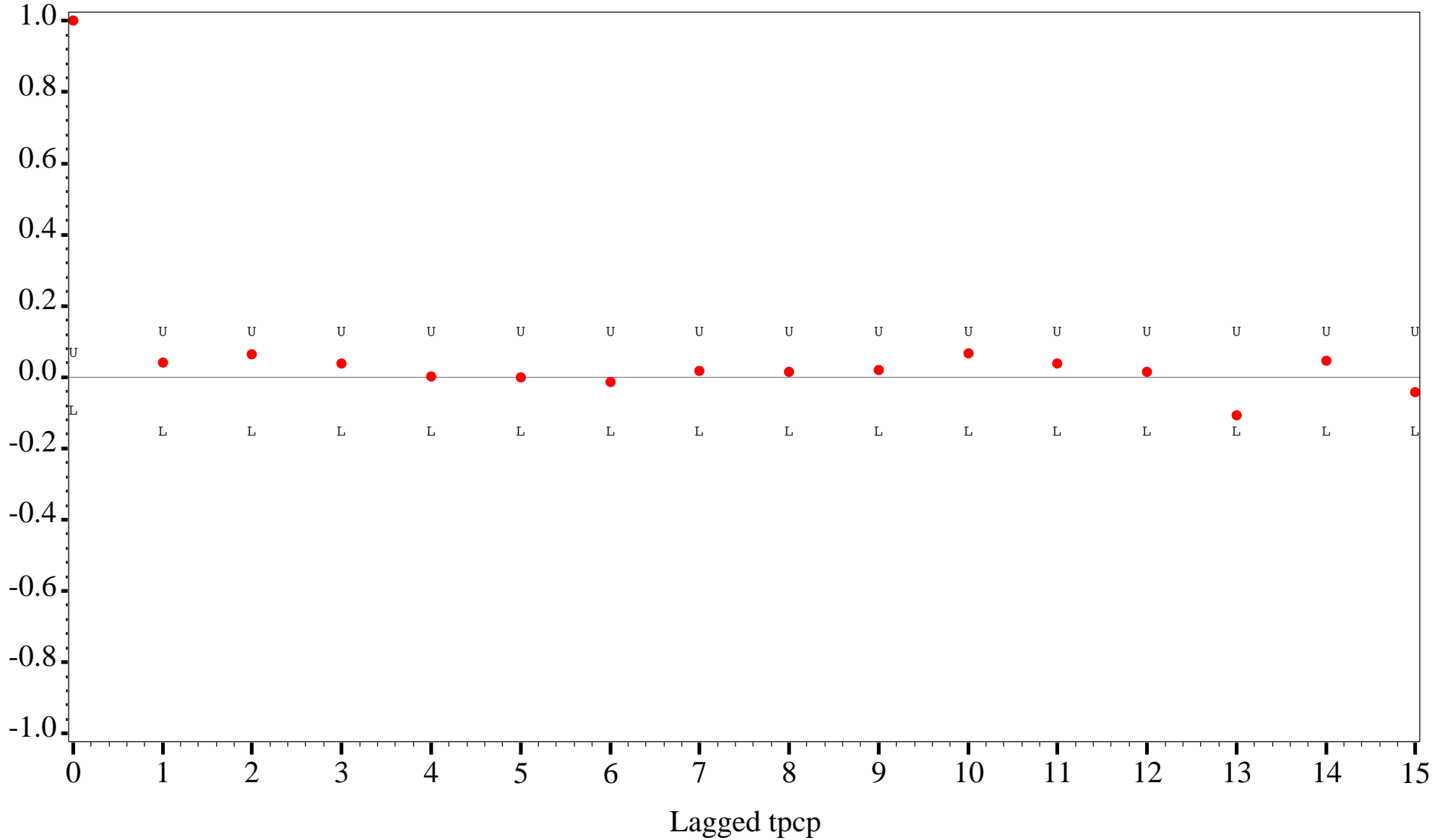
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.040	0.070	0.140	-0.140
2	0.064	0.070	0.140	-0.140
3	0.039	0.070	0.140	-0.140
4	0.003	0.070	0.140	-0.140
5	0.000	0.070	0.140	-0.140
6	-0.013	0.070	0.140	-0.140
7	0.018	0.070	0.140	-0.140
8	0.015	0.070	0.140	-0.140
9	0.020	0.070	0.140	-0.140
10	0.068	0.070	0.140	-0.140
11	0.038	0.070	0.141	-0.141
12	0.014	0.070	0.141	-0.141
13	-0.106	0.070	0.141	-0.141
14	0.046	0.071	0.141	-0.141
15	-0.043	0.071	0.141	-0.141

Joshua Creek Trends Appendix - Display 108

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



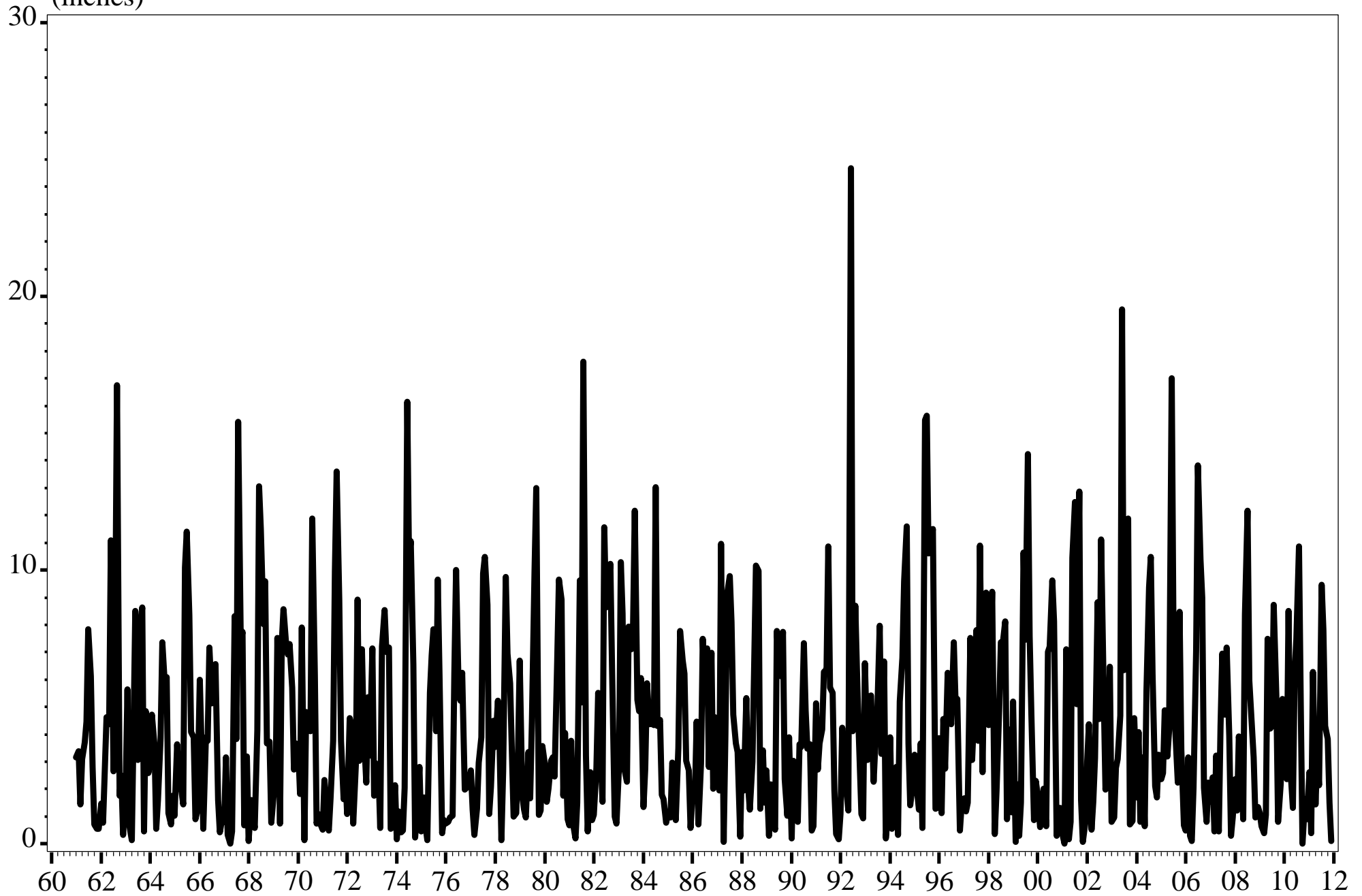
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Lemon Bay Trends Appendix - Display 109

Monthly Data Time Series

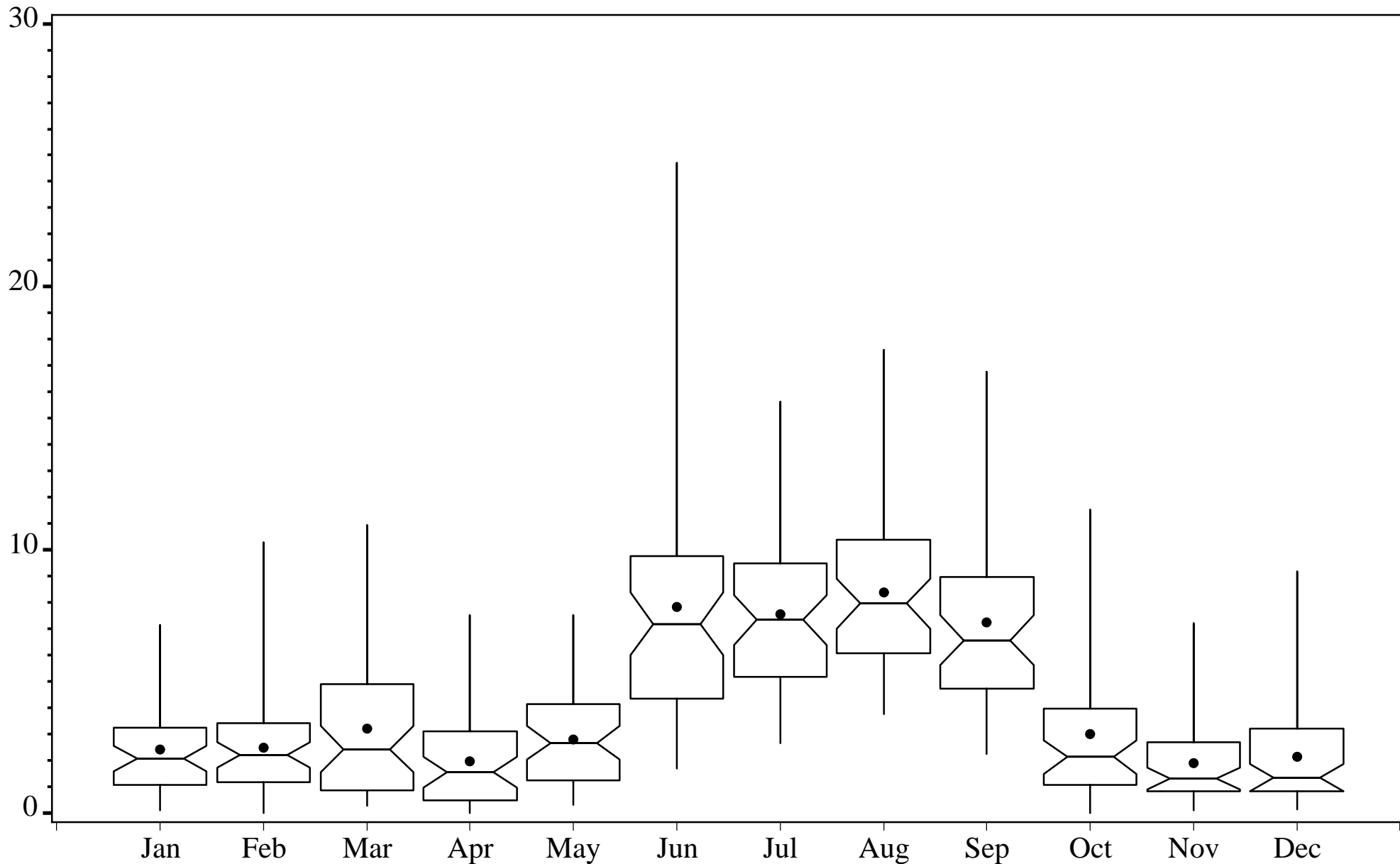
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Lemon Bay Trends Appendix - Display 111

Autocorrelation Statistics

Unadjusted for Seasonal Medians

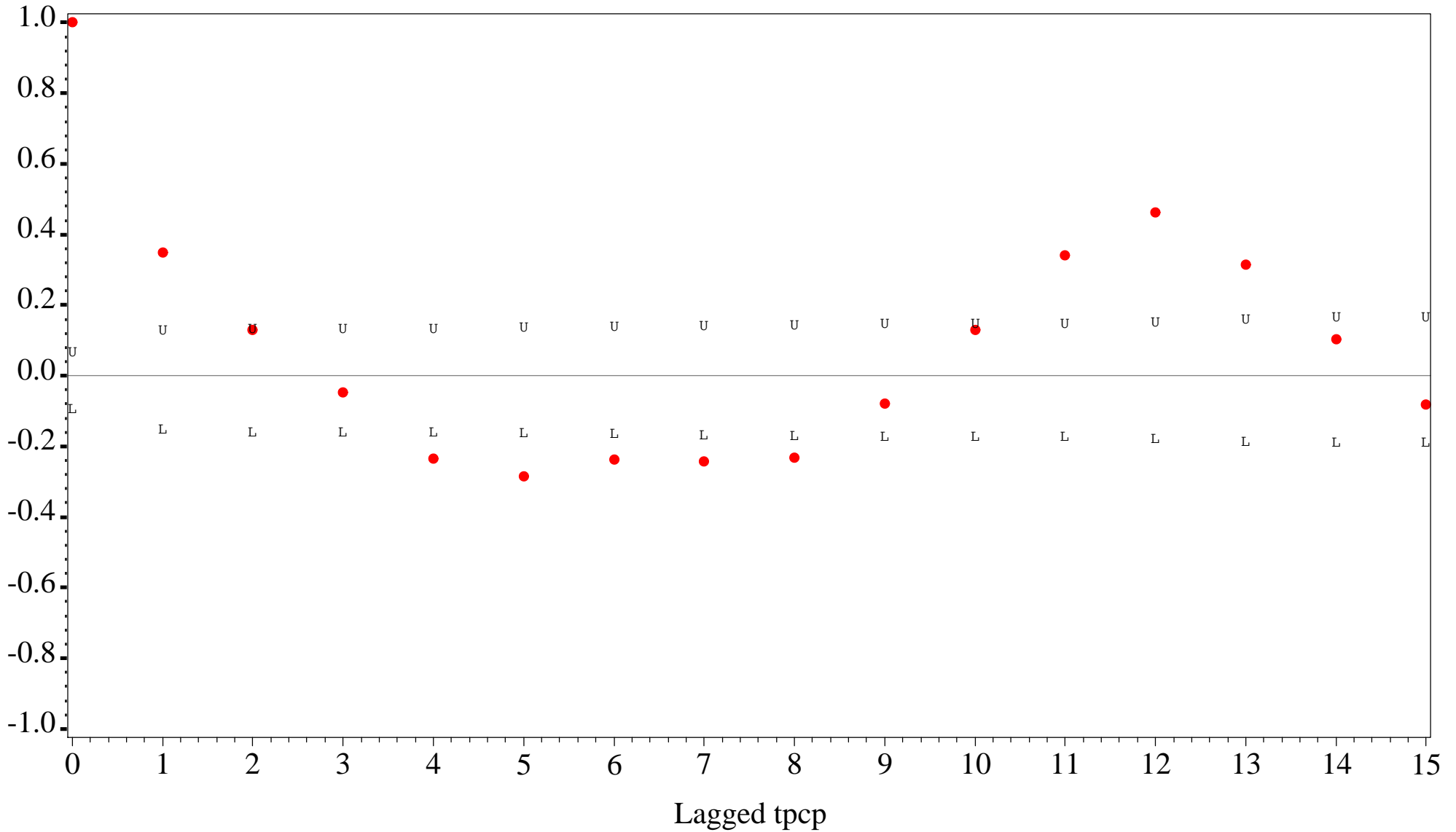
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.348	0.070	0.140	-0.140
2	0.129	0.073	0.146	-0.146
3	-0.048	0.073	0.146	-0.146
4	-0.235	0.073	0.146	-0.146
5	-0.285	0.074	0.149	-0.149
6	-0.238	0.076	0.152	-0.152
7	-0.242	0.077	0.155	-0.155
8	-0.233	0.079	0.157	-0.157
9	-0.078	0.080	0.160	-0.160
10	0.131	0.080	0.160	-0.160
11	0.340	0.080	0.160	-0.160
12	0.462	0.083	0.165	-0.165
13	0.314	0.087	0.173	-0.173
14	0.103	0.089	0.177	-0.177
15	-0.081	0.089	0.177	-0.177

Lemon Bay Trends Appendix - Display 112

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Lemon Bay Trends Appendix - Display 113

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.008	0.786	0.774	.001

Lemon Bay Trends Appendix - Display 114

Seasonal Kendall Tau Trend Test Statistics

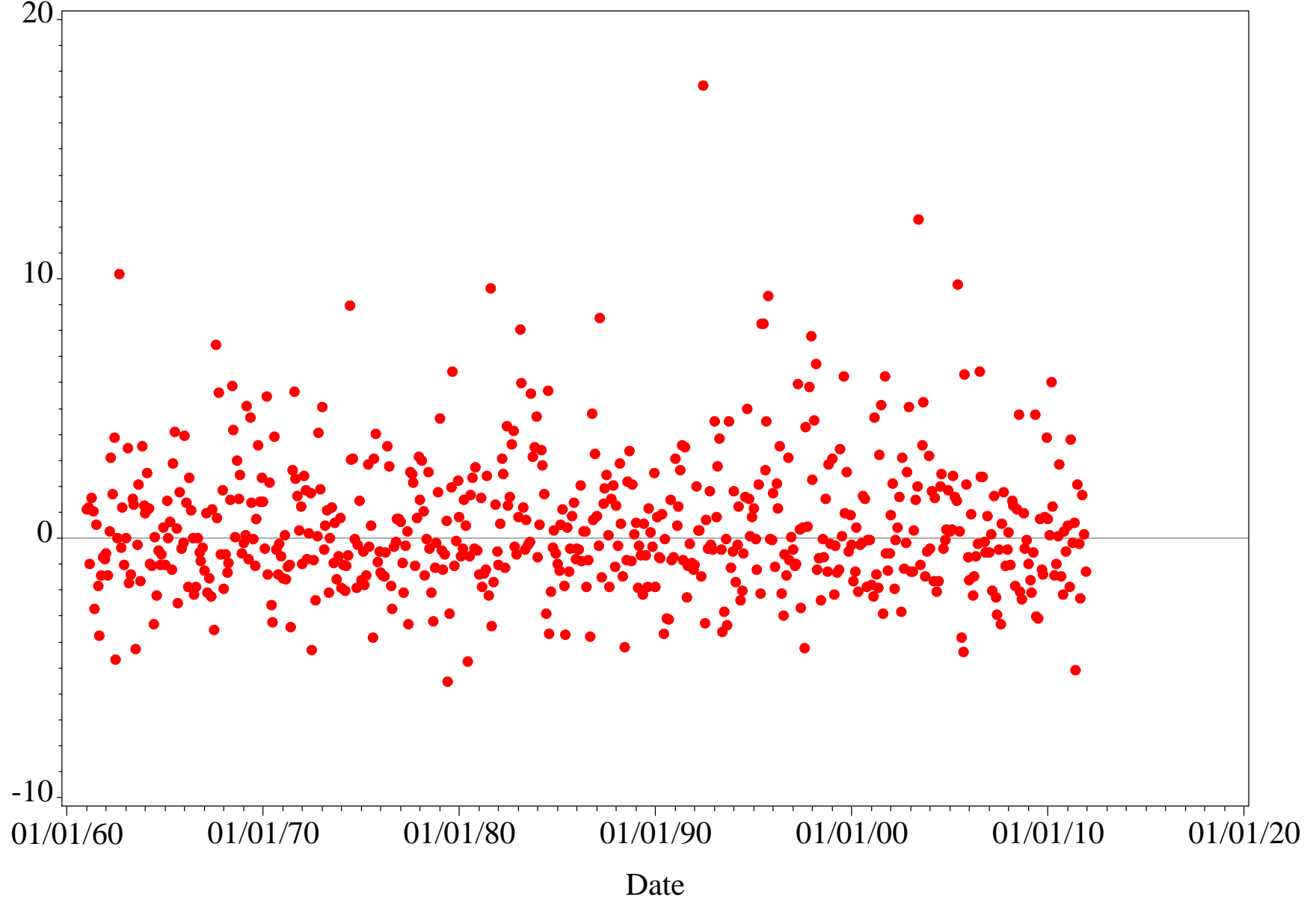
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.00764706	0.78563	0.77357	.00132946

Lemon Bay Trends Appendix - Display 115

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Lemon Bay Trends Appendix - Display 116

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

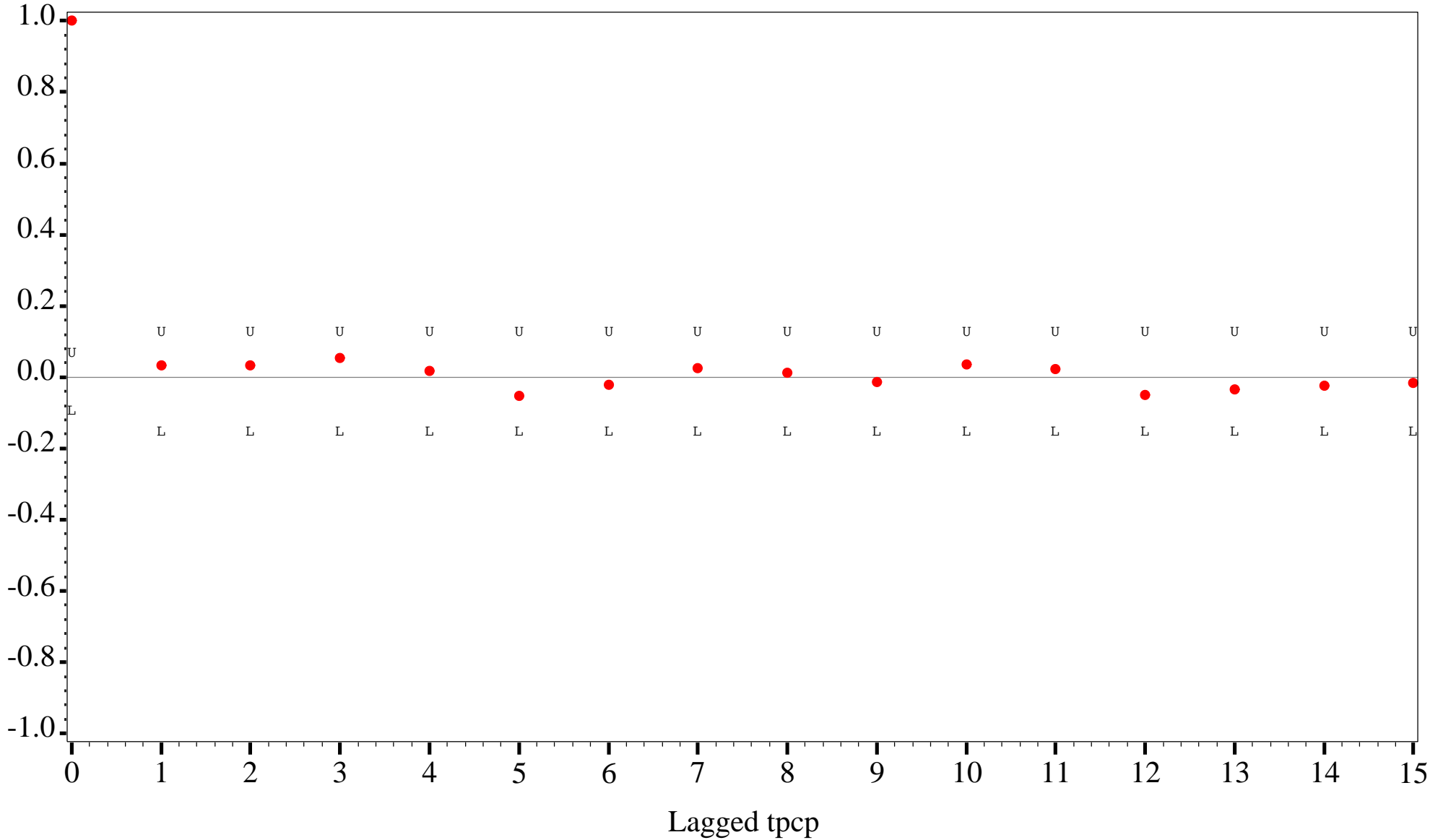
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.034	0.07	0.140	-0.140
2	0.032	0.07	0.140	-0.140
3	0.054	0.07	0.140	-0.140
4	0.017	0.07	0.140	-0.140
5	-0.052	0.07	0.140	-0.140
6	-0.022	0.07	0.140	-0.140
7	0.025	0.07	0.140	-0.140
8	0.013	0.07	0.140	-0.140
9	-0.014	0.07	0.140	-0.140
10	0.037	0.07	0.140	-0.140
11	0.024	0.07	0.141	-0.141
12	-0.049	0.07	0.141	-0.141
13	-0.035	0.07	0.141	-0.141
14	-0.025	0.07	0.141	-0.141
15	-0.015	0.07	0.141	-0.141

Lemon Bay Trends Appendix - Display 117

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



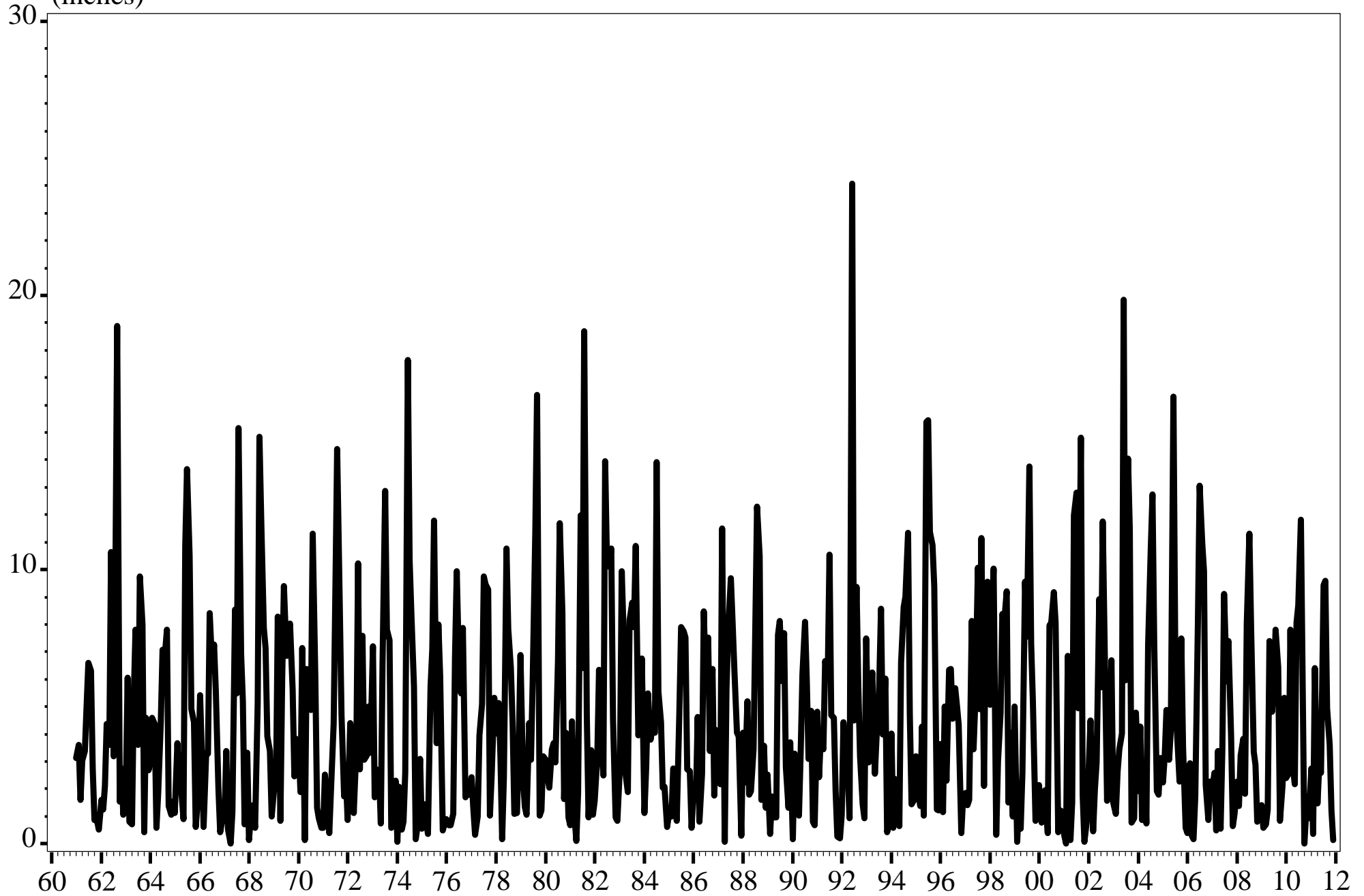
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Lower Myakka Trends Appendix - Display 118

Monthly Data Time Series

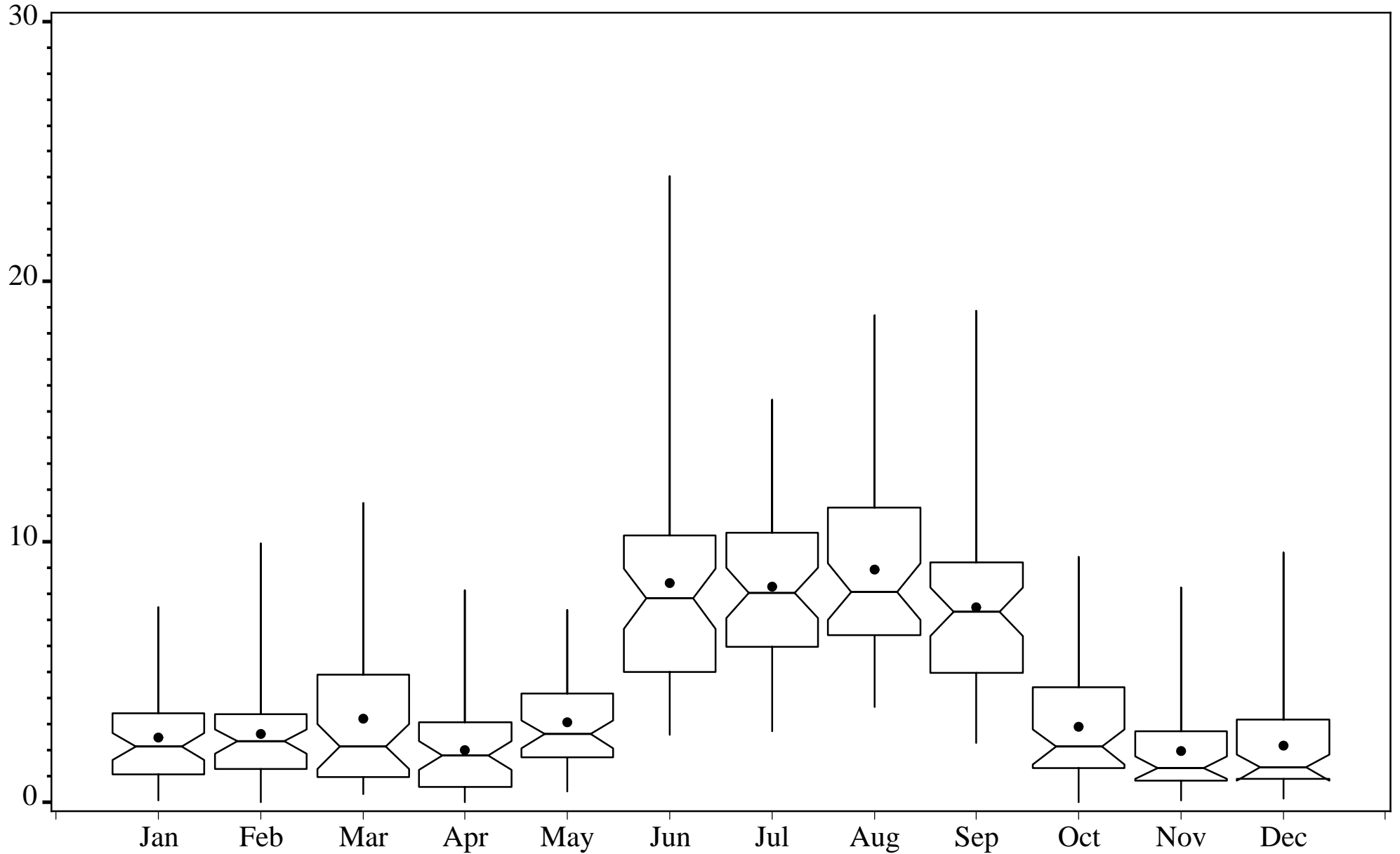
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Lower Myakka Trends Appendix - Display 120

Autocorrelation Statistics

Unadjusted for Seasonal Medians

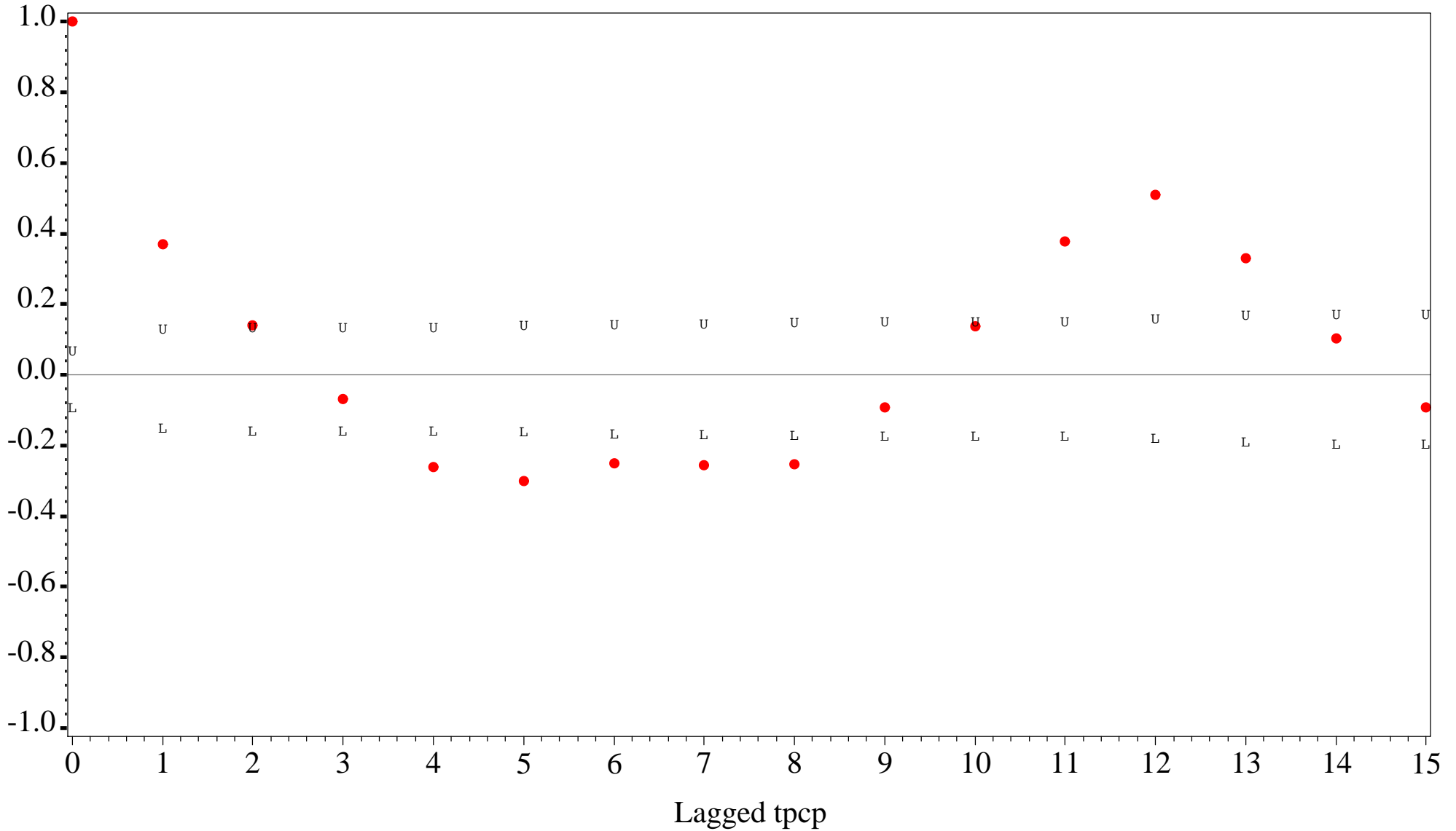
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.370	0.070	0.140	-0.140
2	0.141	0.073	0.146	-0.146
3	-0.069	0.074	0.147	-0.147
4	-0.261	0.074	0.147	-0.147
5	-0.301	0.075	0.150	-0.150
6	-0.251	0.077	0.154	-0.154
7	-0.256	0.078	0.157	-0.157
8	-0.252	0.080	0.160	-0.160
9	-0.093	0.081	0.162	-0.162
10	0.138	0.081	0.163	-0.163
11	0.377	0.082	0.163	-0.163
12	0.511	0.084	0.169	-0.169
13	0.330	0.089	0.179	-0.179
14	0.103	0.091	0.183	-0.183
15	-0.093	0.092	0.183	-0.183

Lower Myakka Trends Appendix - Display 121

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Lower Myakka Trends Appendix - Display 122

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.008	0.771	0.757	.002

Lower Myakka Trends Appendix - Display 123

Seasonal Kendall Tau Trend Test Statistics

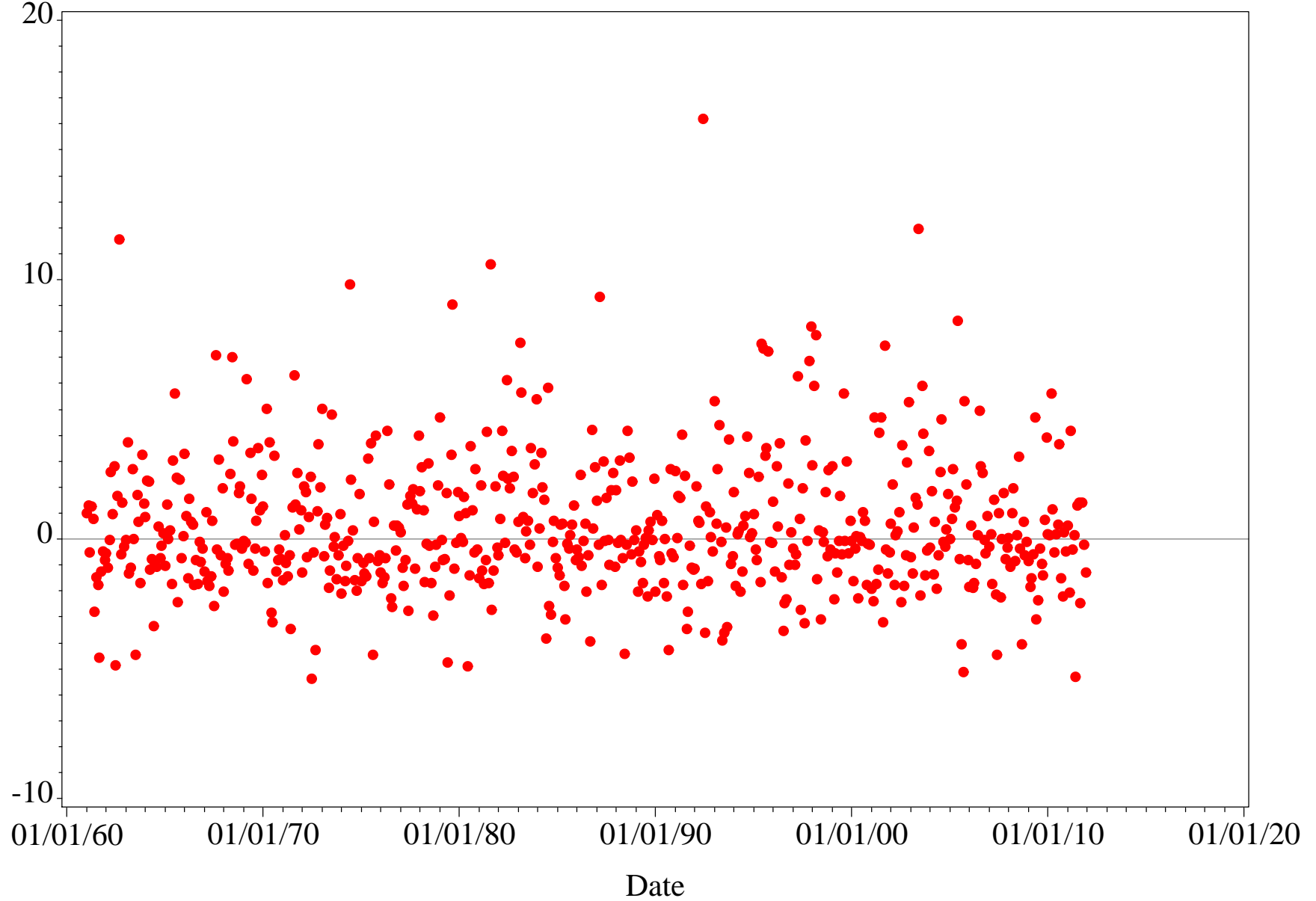
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.00816994	0.77125	0.75720	.00175021

Lower Myakka Trends Appendix - Display 124

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Lower Myakka Trends Appendix - Display 125

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

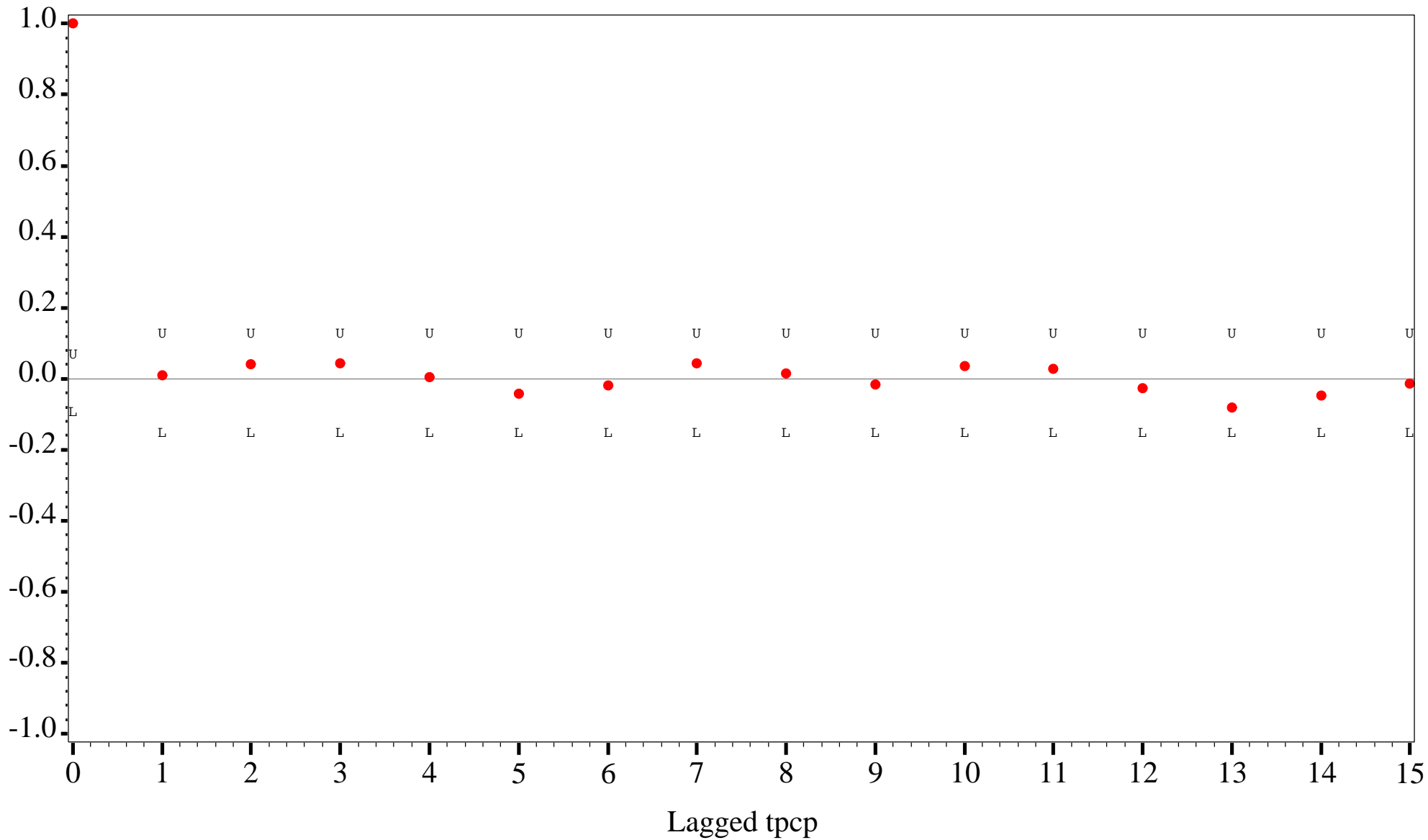
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.009	0.07	0.140	-0.140
2	0.040	0.07	0.140	-0.140
3	0.043	0.07	0.140	-0.140
4	0.005	0.07	0.140	-0.140
5	-0.042	0.07	0.140	-0.140
6	-0.018	0.07	0.140	-0.140
7	0.044	0.07	0.140	-0.140
8	0.014	0.07	0.140	-0.140
9	-0.016	0.07	0.140	-0.140
10	0.036	0.07	0.140	-0.140
11	0.028	0.07	0.140	-0.140
12	-0.026	0.07	0.141	-0.141
13	-0.080	0.07	0.141	-0.141
14	-0.046	0.07	0.141	-0.141
15	-0.014	0.07	0.141	-0.141

Lower Myakka Trends Appendix - Display 126

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



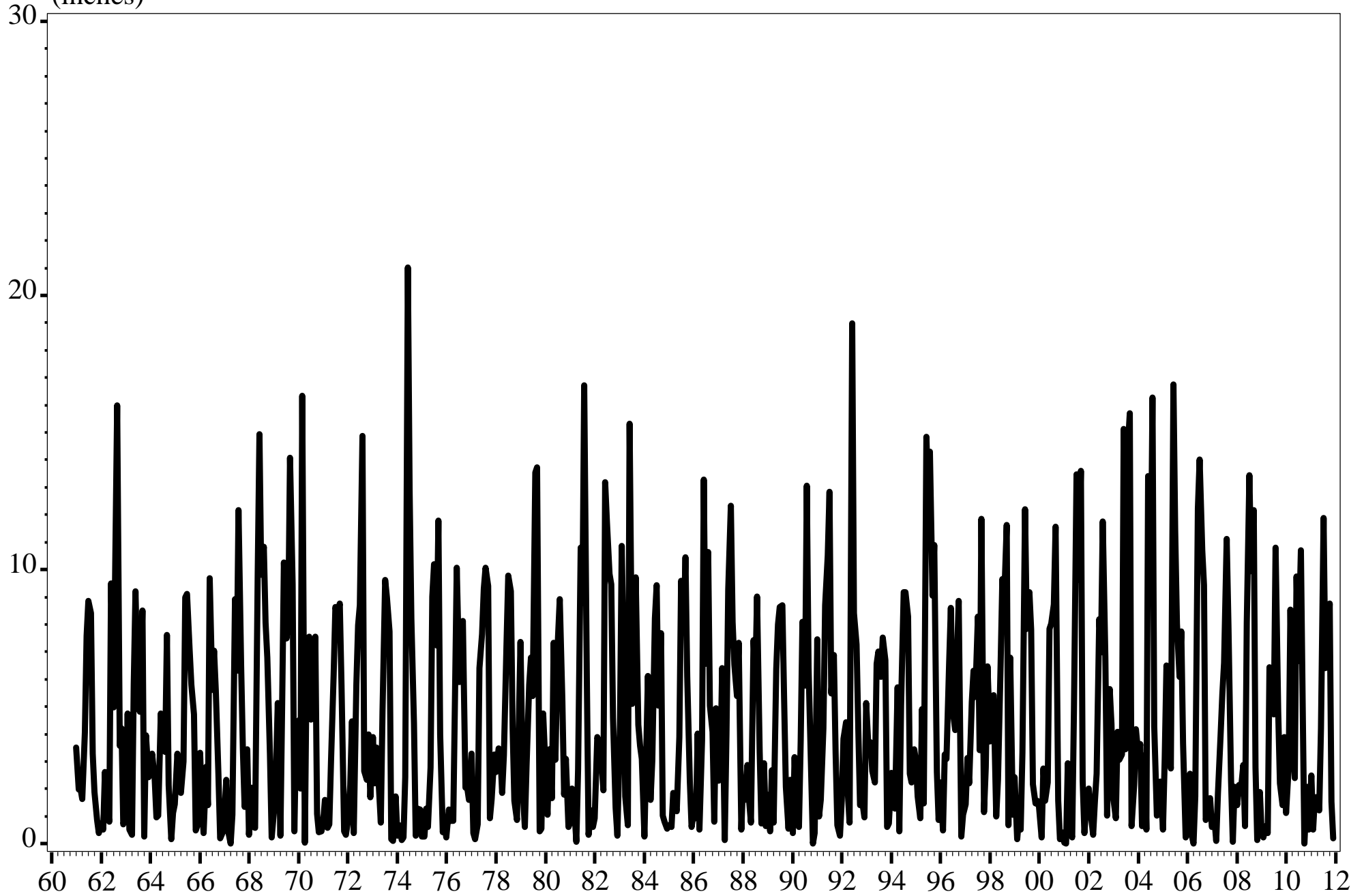
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Matlacha Pass Trends Appendix - Display 127

Monthly Data Time Series

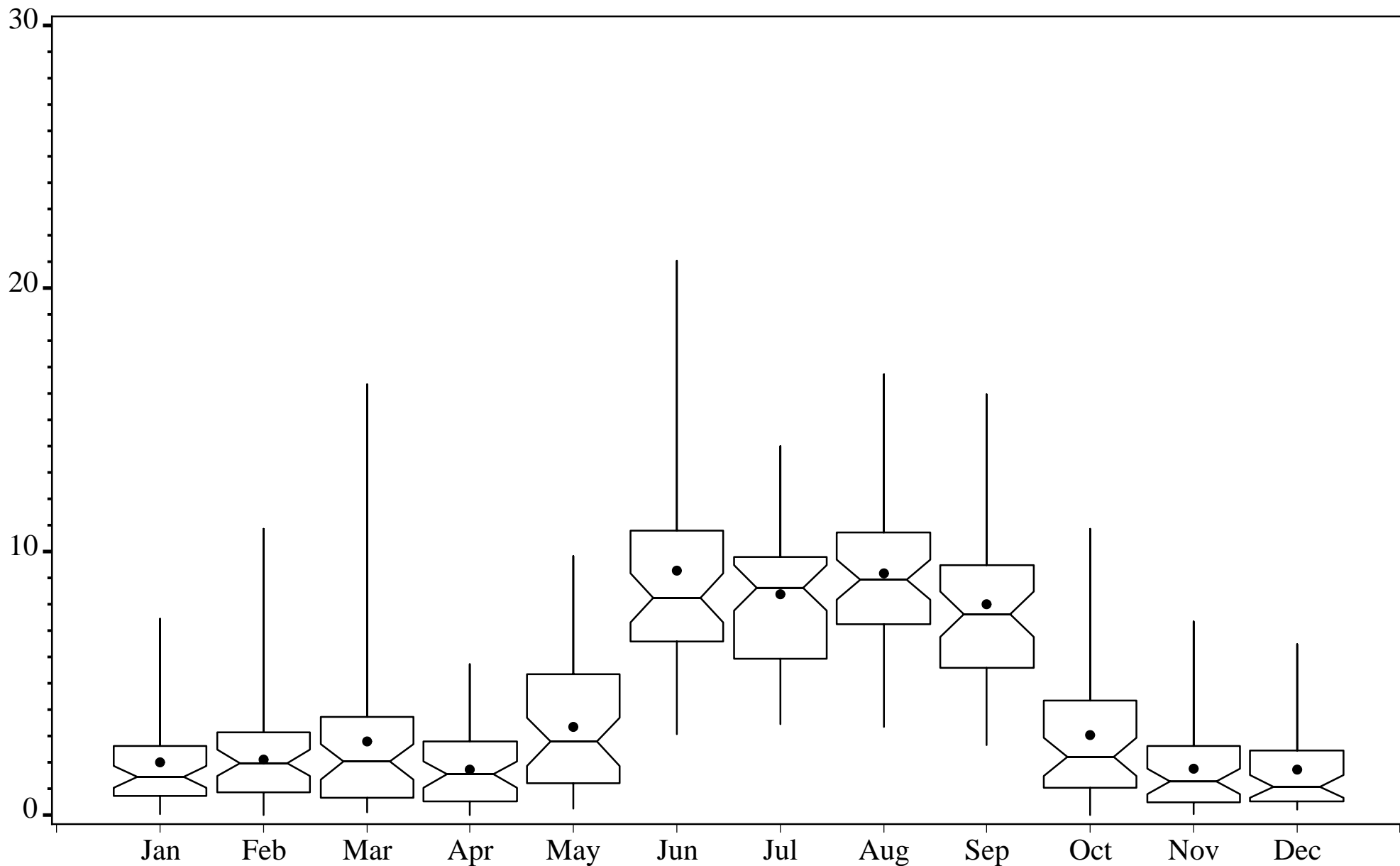
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Matlacha Pass Trends Appendix - Display 129

Autocorrelation Statistics

Unadjusted for Seasonal Medians

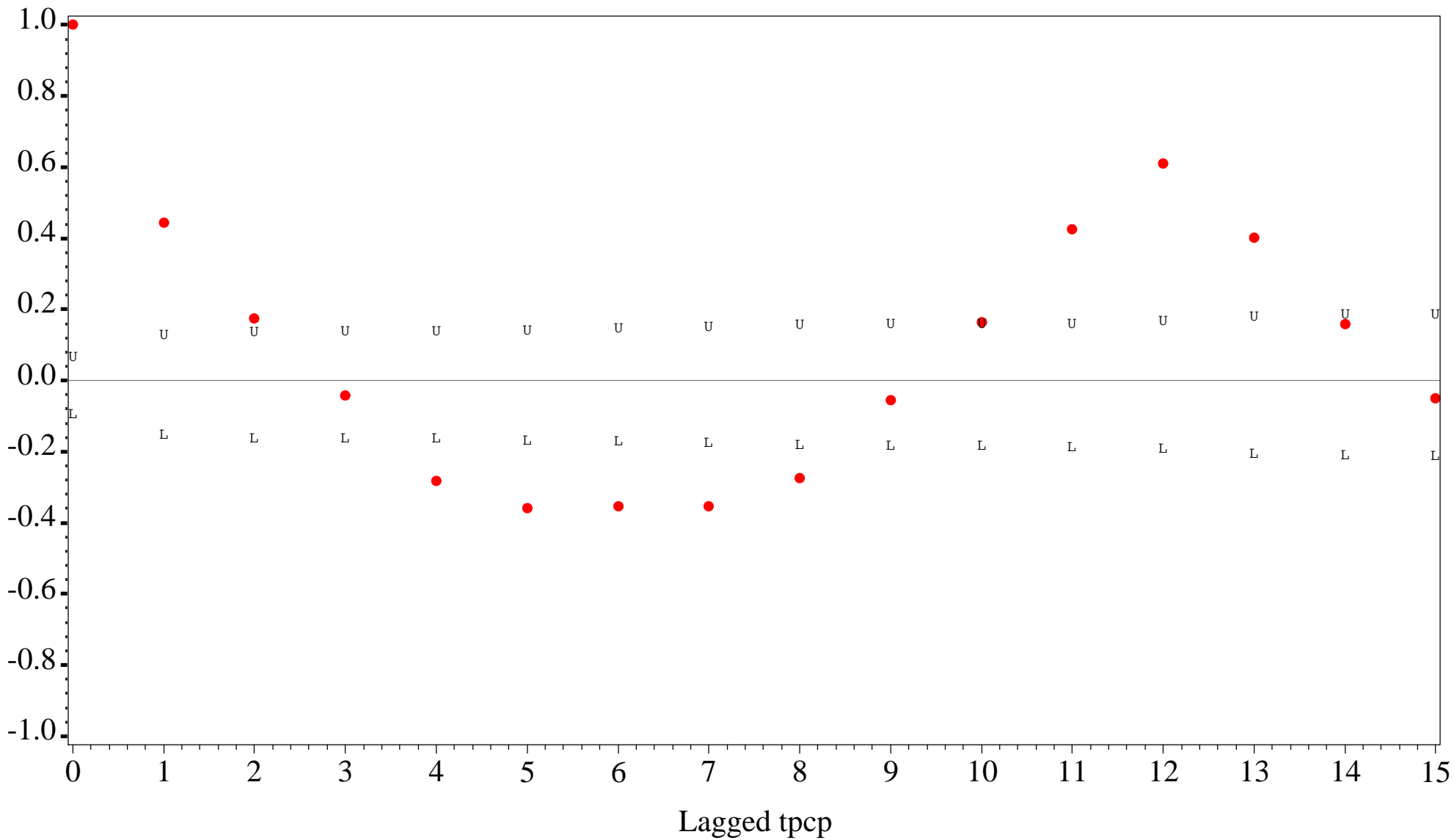
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.444	0.070	0.140	-0.140
2	0.174	0.074	0.149	-0.149
3	-0.042	0.075	0.150	-0.150
4	-0.283	0.075	0.150	-0.150
5	-0.360	0.077	0.154	-0.154
6	-0.353	0.080	0.159	-0.159
7	-0.353	0.082	0.164	-0.164
8	-0.275	0.085	0.169	-0.169
9	-0.054	0.086	0.172	-0.172
10	0.165	0.086	0.172	-0.172
11	0.426	0.087	0.173	-0.173
12	0.610	0.090	0.180	-0.180
13	0.401	0.096	0.193	-0.193
14	0.160	0.099	0.198	-0.198
15	-0.049	0.100	0.199	-0.199

Matlacha Pass Trends Appendix - Display 130

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Matlacha Pass Trends Appendix - Display 131

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.034	0.225	0.233	.006

Matlacha Pass Trends Appendix - Display 132

Seasonal Kendall Tau Trend Test Statistics

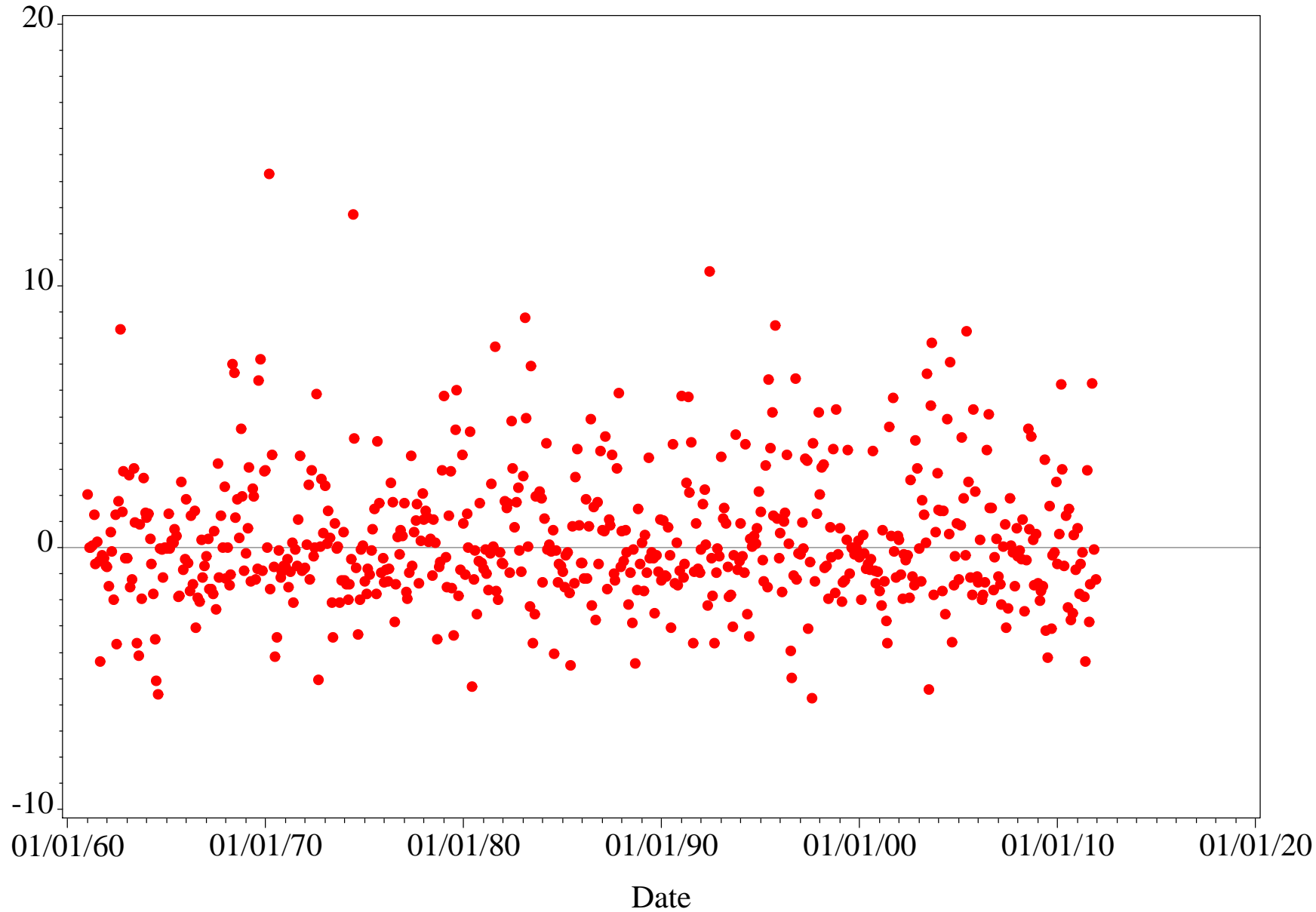
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.033922	0.22454	0.23190	.006

Matlacha Pass Trends Appendix - Display 133

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Matlacha Pass Trends Appendix - Display 134

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

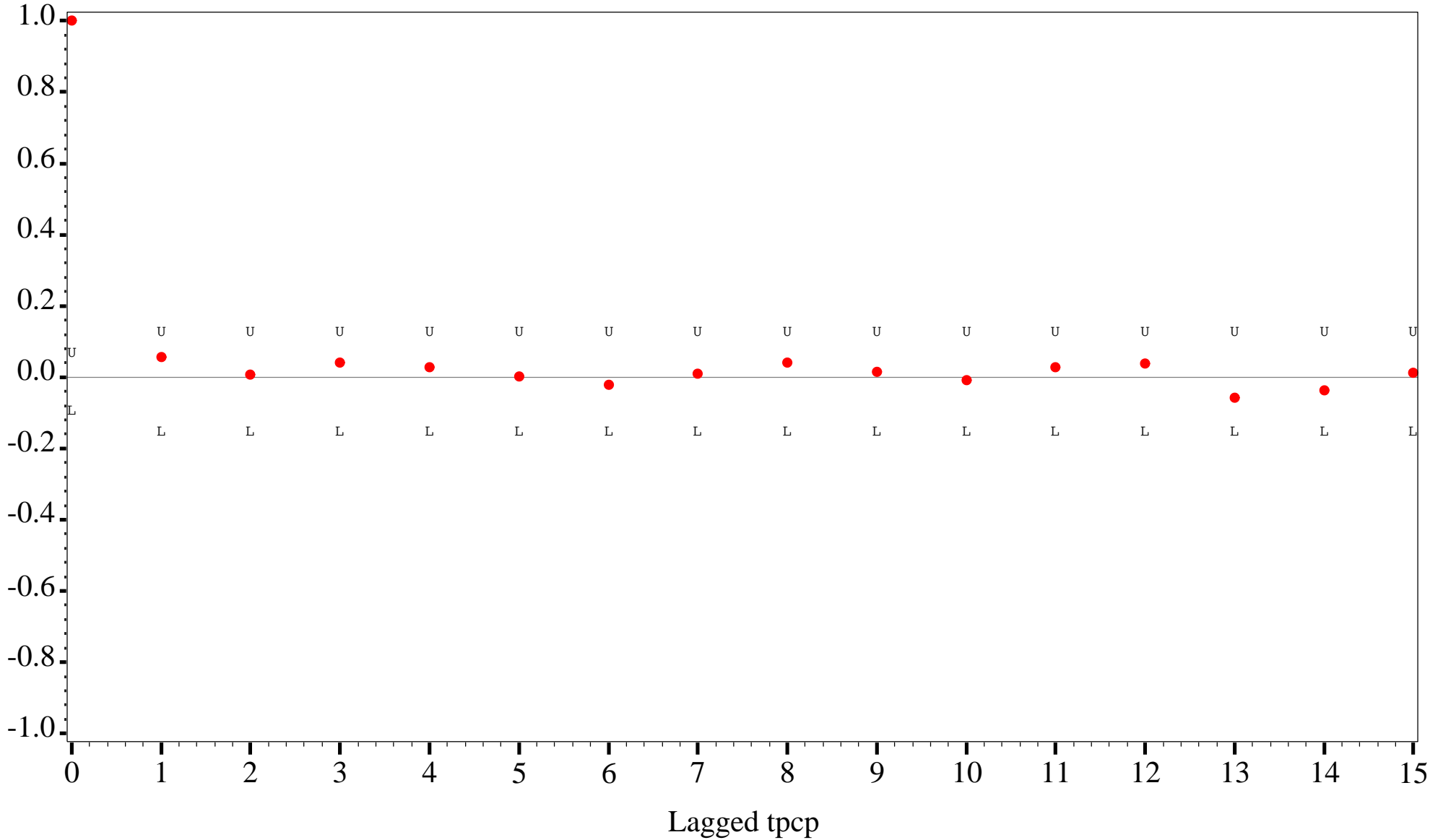
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.056	0.07	0.140	-0.140
2	0.007	0.07	0.140	-0.140
3	0.042	0.07	0.140	-0.140
4	0.027	0.07	0.140	-0.140
5	0.003	0.07	0.140	-0.140
6	-0.020	0.07	0.140	-0.140
7	0.011	0.07	0.140	-0.140
8	0.042	0.07	0.140	-0.140
9	0.015	0.07	0.140	-0.140
10	-0.008	0.07	0.140	-0.140
11	0.029	0.07	0.140	-0.140
12	0.038	0.07	0.140	-0.140
13	-0.058	0.07	0.141	-0.141
14	-0.036	0.07	0.141	-0.141
15	0.012	0.07	0.141	-0.141

Matlacha Pass Trends Appendix - Display 135

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



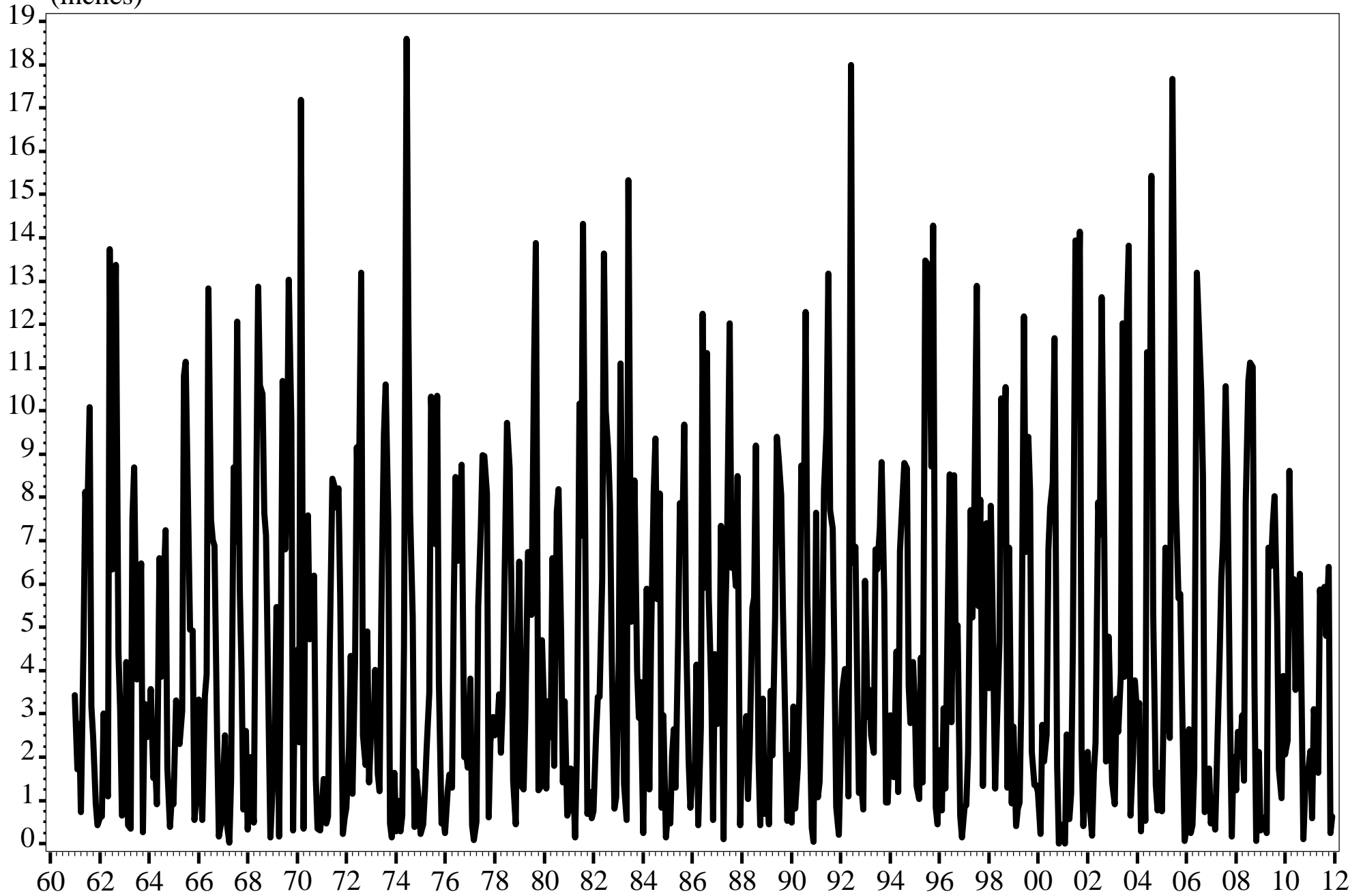
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Orange River Trends Appendix - Display 136

Monthly Data Time Series

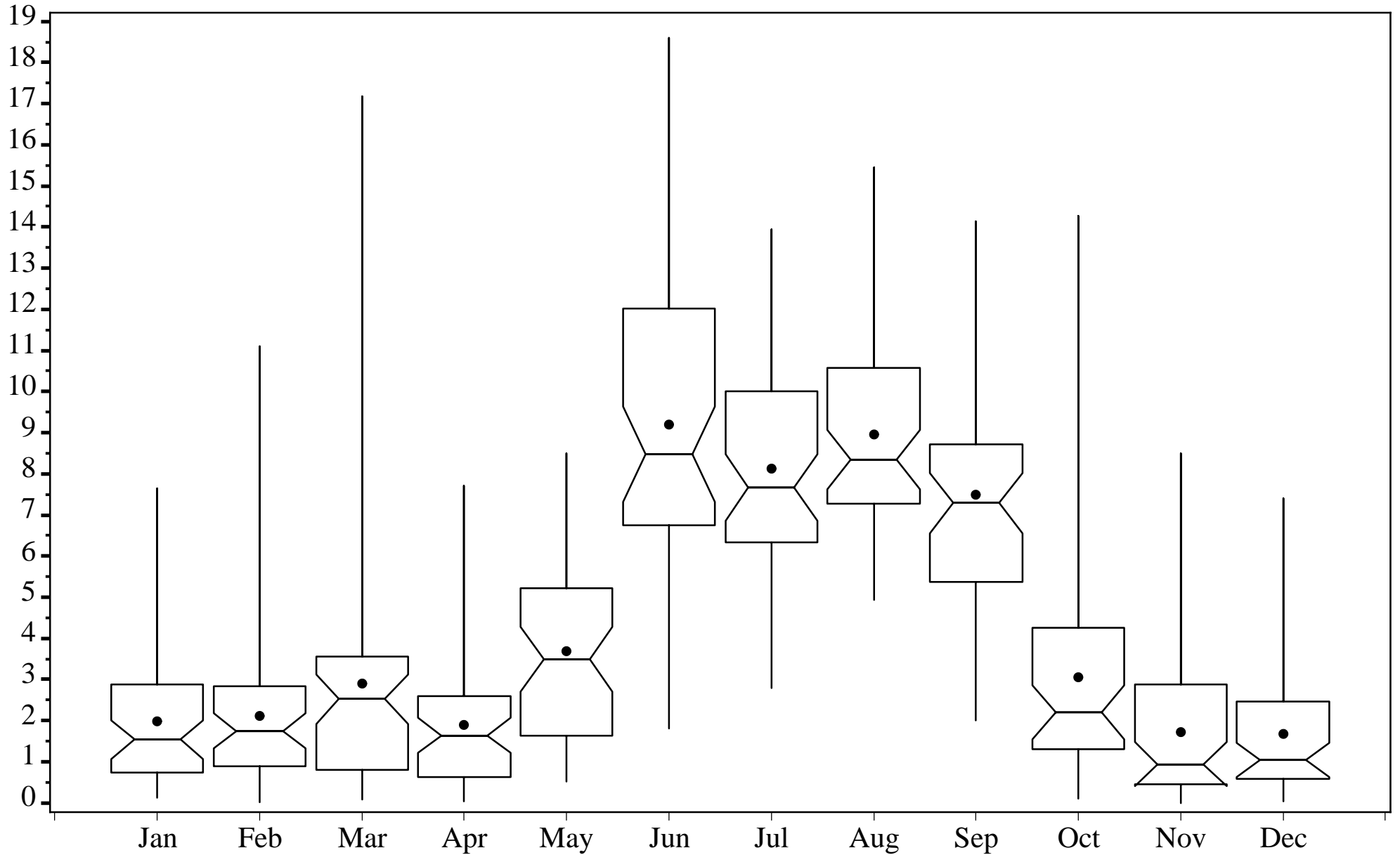
Total Precipitation
(inches)

Adjusted for Seasonal Medians



Seasonal Univariate Statistics

Total Precipitation
(inches)



Orange River Trends Appendix - Display 138

Autocorrelation Statistics

Unadjusted for Seasonal Medians

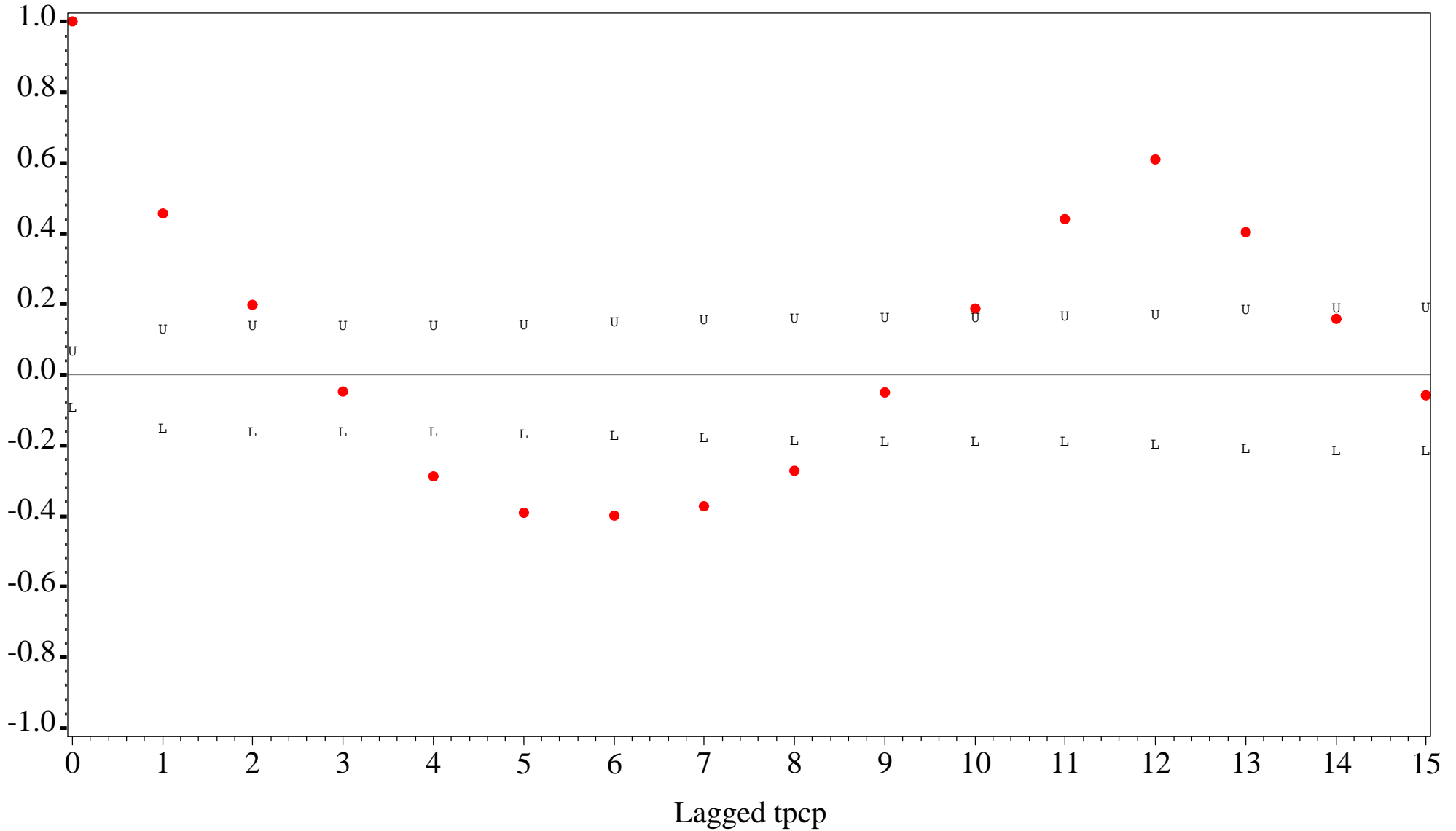
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.458	0.070	0.140	-0.140
2	0.198	0.075	0.150	-0.150
3	-0.046	0.076	0.151	-0.151
4	-0.287	0.076	0.151	-0.151
5	-0.391	0.077	0.155	-0.155
6	-0.399	0.081	0.161	-0.161
7	-0.372	0.084	0.167	-0.167
8	-0.272	0.086	0.173	-0.173
9	-0.049	0.088	0.176	-0.176
10	0.189	0.088	0.176	-0.176
11	0.442	0.088	0.177	-0.177
12	0.611	0.092	0.184	-0.184
13	0.405	0.098	0.197	-0.197
14	0.158	0.101	0.202	-0.202
15	-0.057	0.101	0.203	-0.203

Orange River Trends Appendix - Display 139

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Orange River Trends Appendix - Display 140

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.008	0.778	0.772	.001

Orange River Trends Appendix - Display 141

Seasonal Kendall Tau Trend Test Statistics

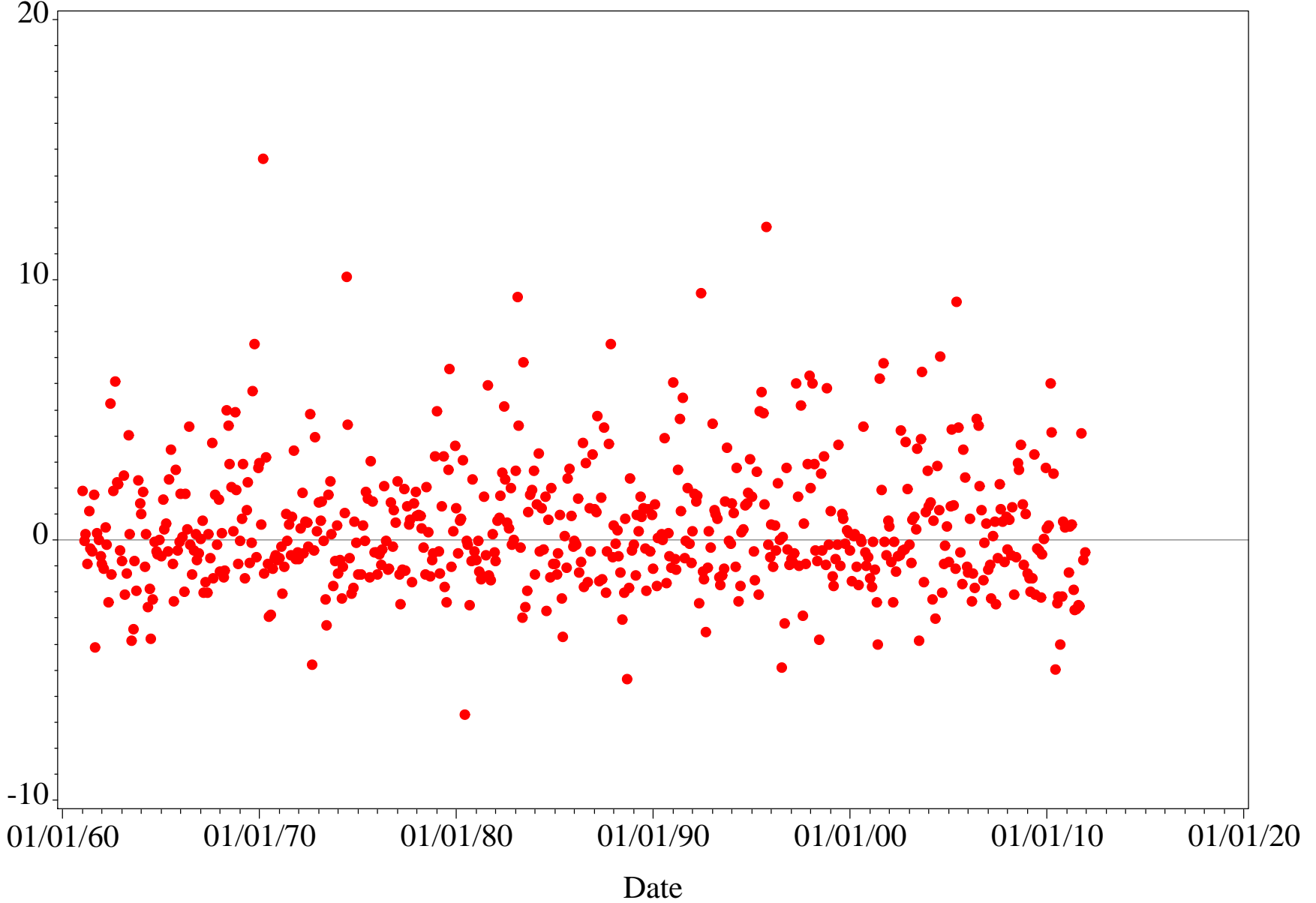
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.00797386	0.77663	0.77040	.00138315

Orange River Trends Appendix - Display 142

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Orange River Trends Appendix - Display 143

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

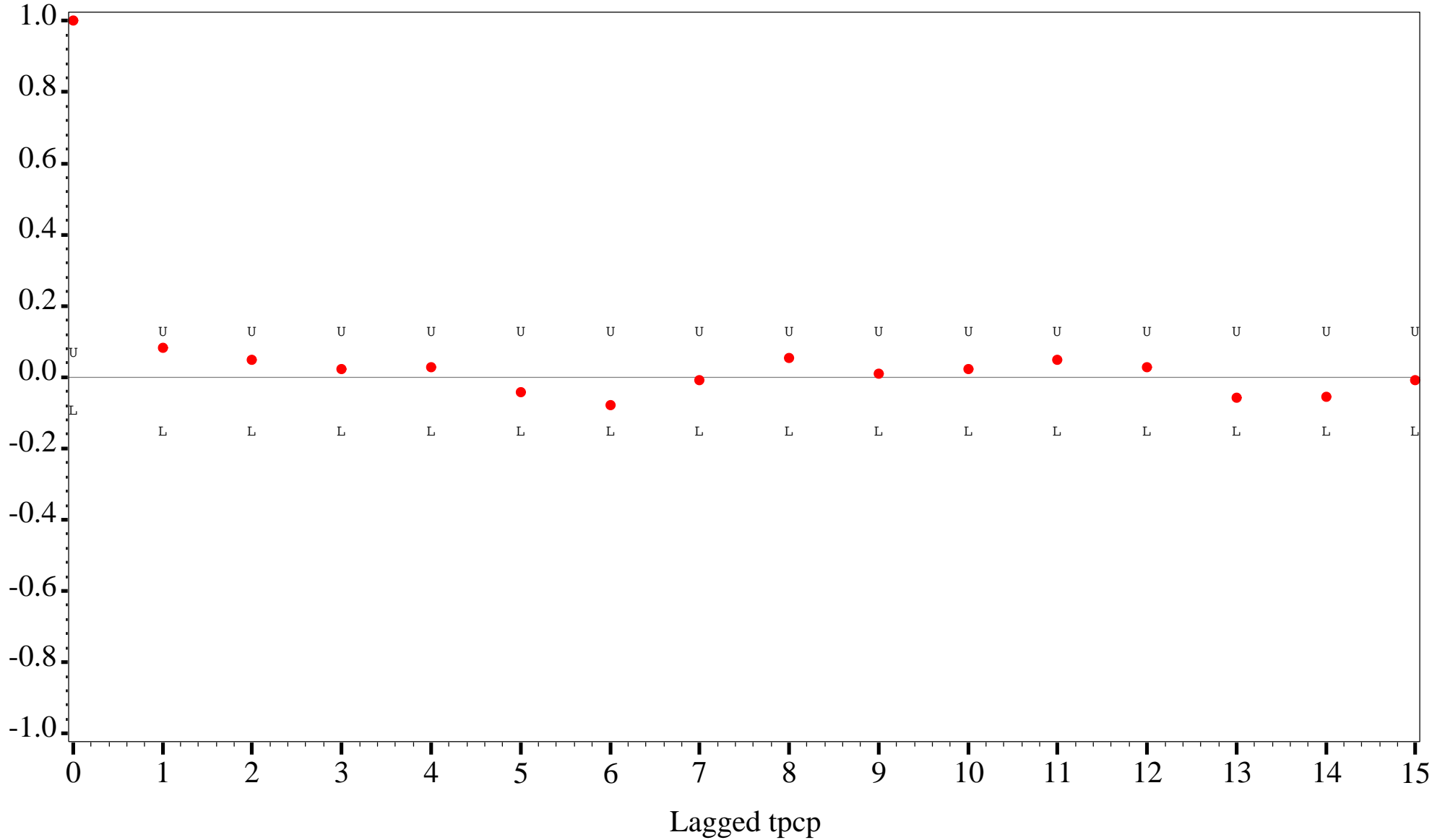
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.083	0.070	0.140	-0.140
2	0.048	0.070	0.140	-0.140
3	0.023	0.070	0.140	-0.140
4	0.028	0.070	0.140	-0.140
5	-0.042	0.070	0.141	-0.141
6	-0.079	0.070	0.141	-0.141
7	-0.008	0.070	0.141	-0.141
8	0.053	0.070	0.141	-0.141
9	0.009	0.071	0.141	-0.141
10	0.024	0.071	0.141	-0.141
11	0.049	0.071	0.141	-0.141
12	0.027	0.071	0.141	-0.141
13	-0.057	0.071	0.141	-0.141
14	-0.055	0.071	0.141	-0.141
15	-0.008	0.071	0.141	-0.141

Orange River Trends Appendix - Display 144

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



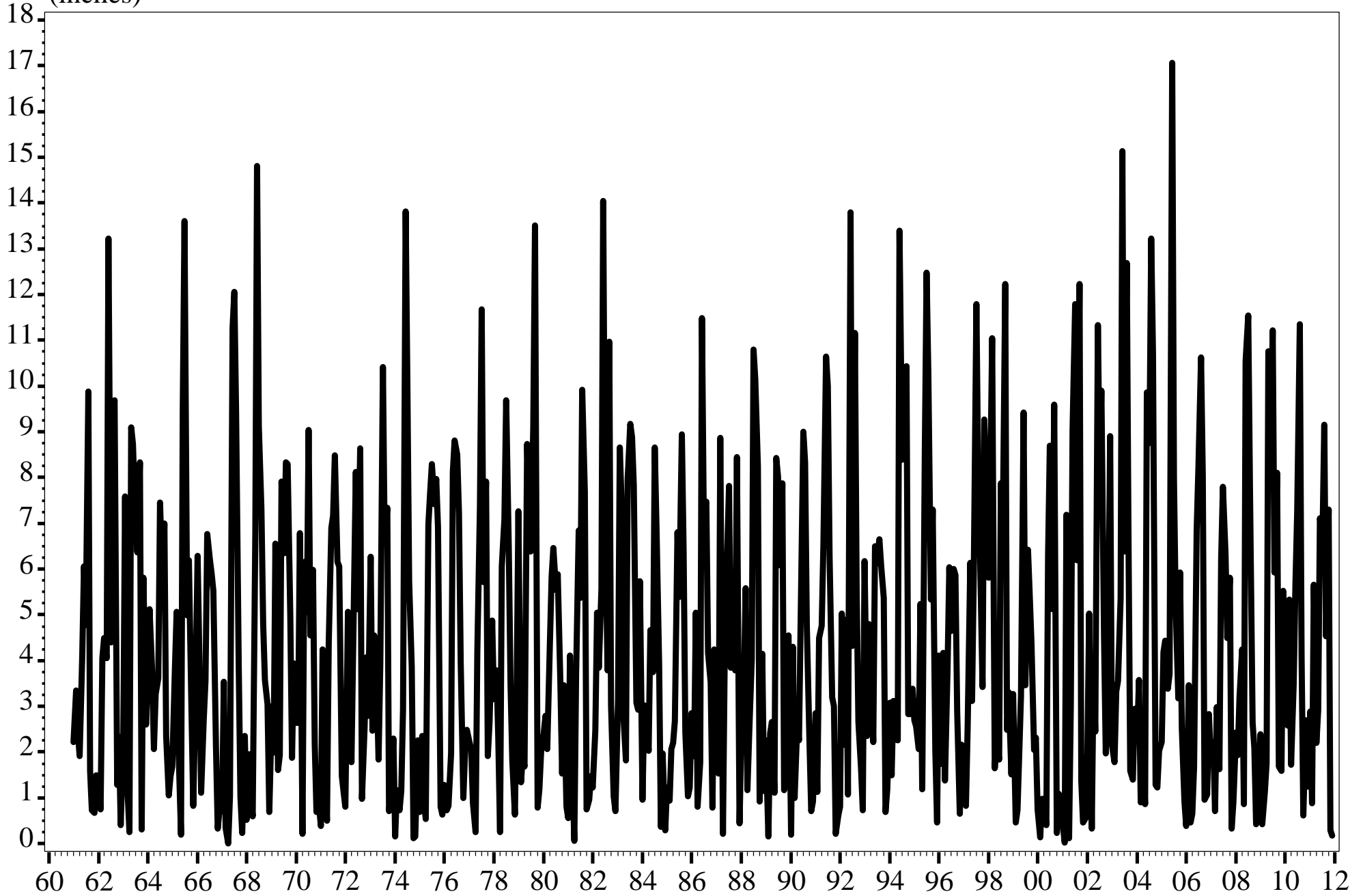
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Payne Creek Trends Appendix - Display 145

Monthly Data Time Series

Adjusted for Seasonal Medians

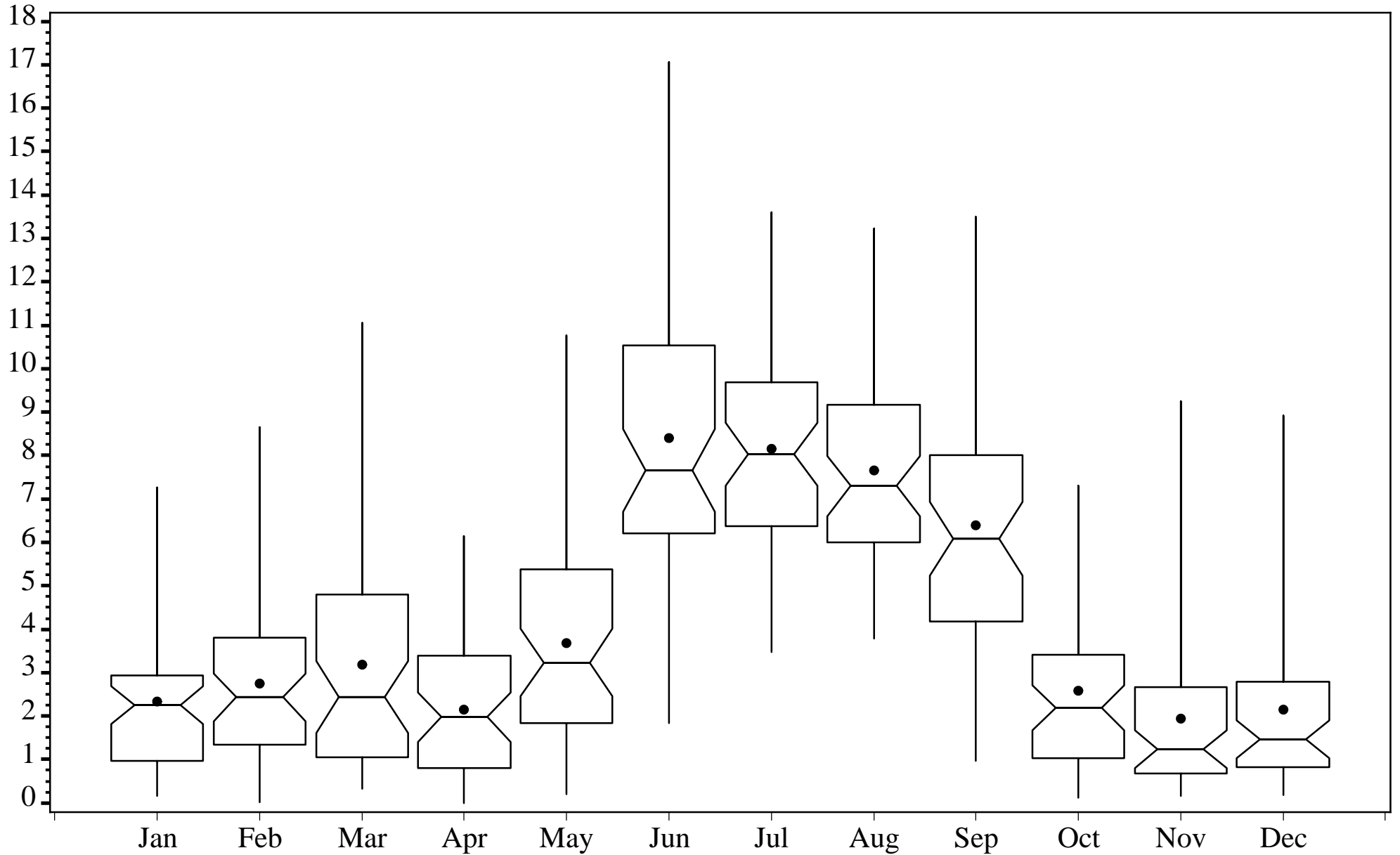
Total Precipitation
(inches)



Payne Creek Trends Appendix - Display 146

Seasonal Univariate Statistics

Total Precipitation
(inches)



Payne Creek Trends Appendix - Display 147

Autocorrelation Statistics

Unadjusted for Seasonal Medians

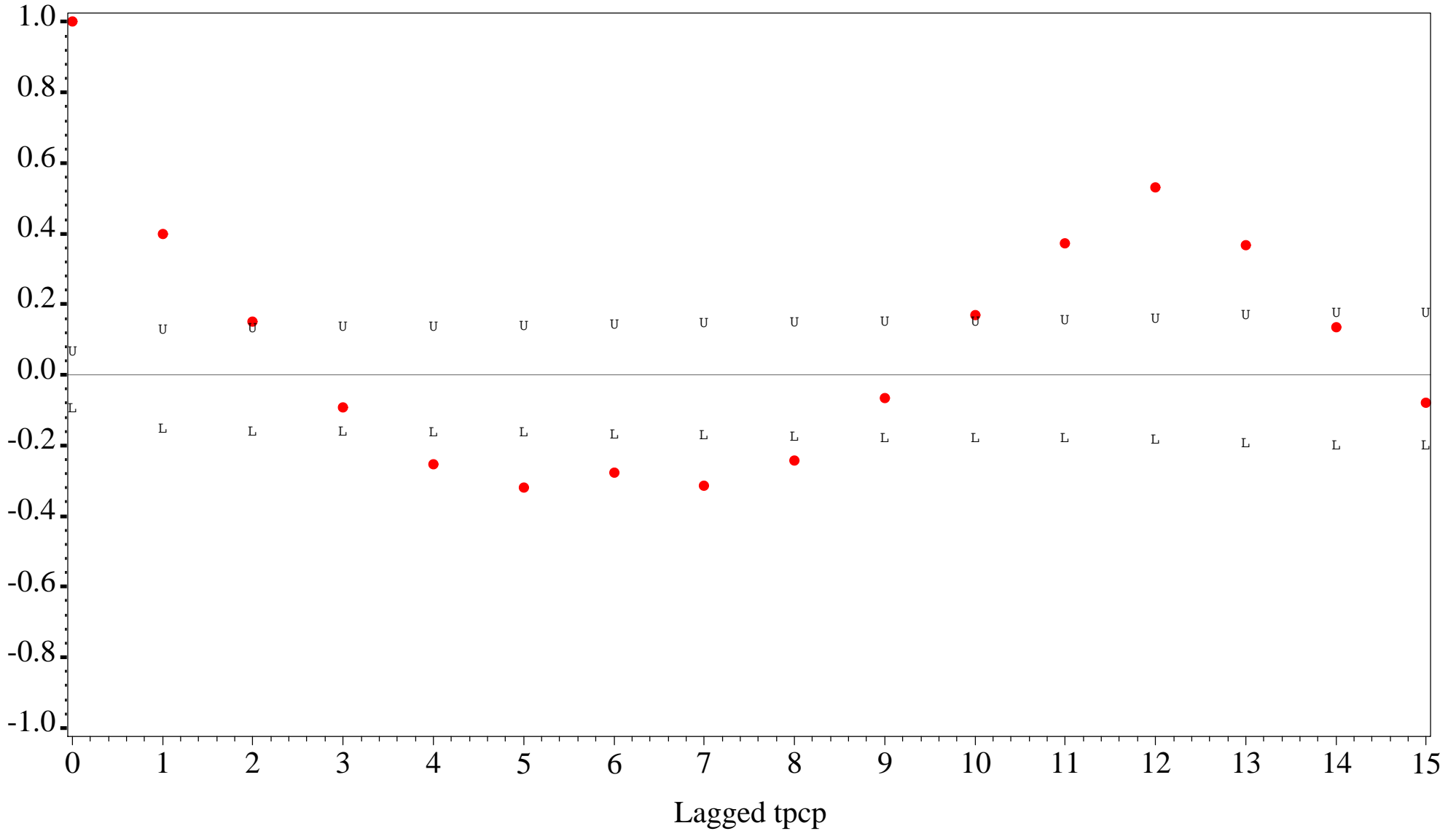
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.398	0.070	0.140	-0.140
2	0.152	0.074	0.147	-0.147
3	-0.093	0.074	0.148	-0.148
4	-0.252	0.074	0.149	-0.149
5	-0.320	0.076	0.151	-0.151
6	-0.277	0.078	0.156	-0.156
7	-0.313	0.079	0.159	-0.159
8	-0.242	0.081	0.163	-0.163
9	-0.066	0.083	0.165	-0.165
10	0.170	0.083	0.165	-0.165
11	0.372	0.083	0.167	-0.167
12	0.531	0.086	0.172	-0.172
13	0.368	0.091	0.182	-0.182
14	0.136	0.094	0.187	-0.187
15	-0.078	0.094	0.188	-0.188

Payne Creek Trends Appendix - Display 148

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Payne Creek Trends Appendix - Display 149

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.012	0.671	0.683	.002

Payne Creek Trends Appendix - Display 150

Seasonal Kendall Tau Trend Test Statistics

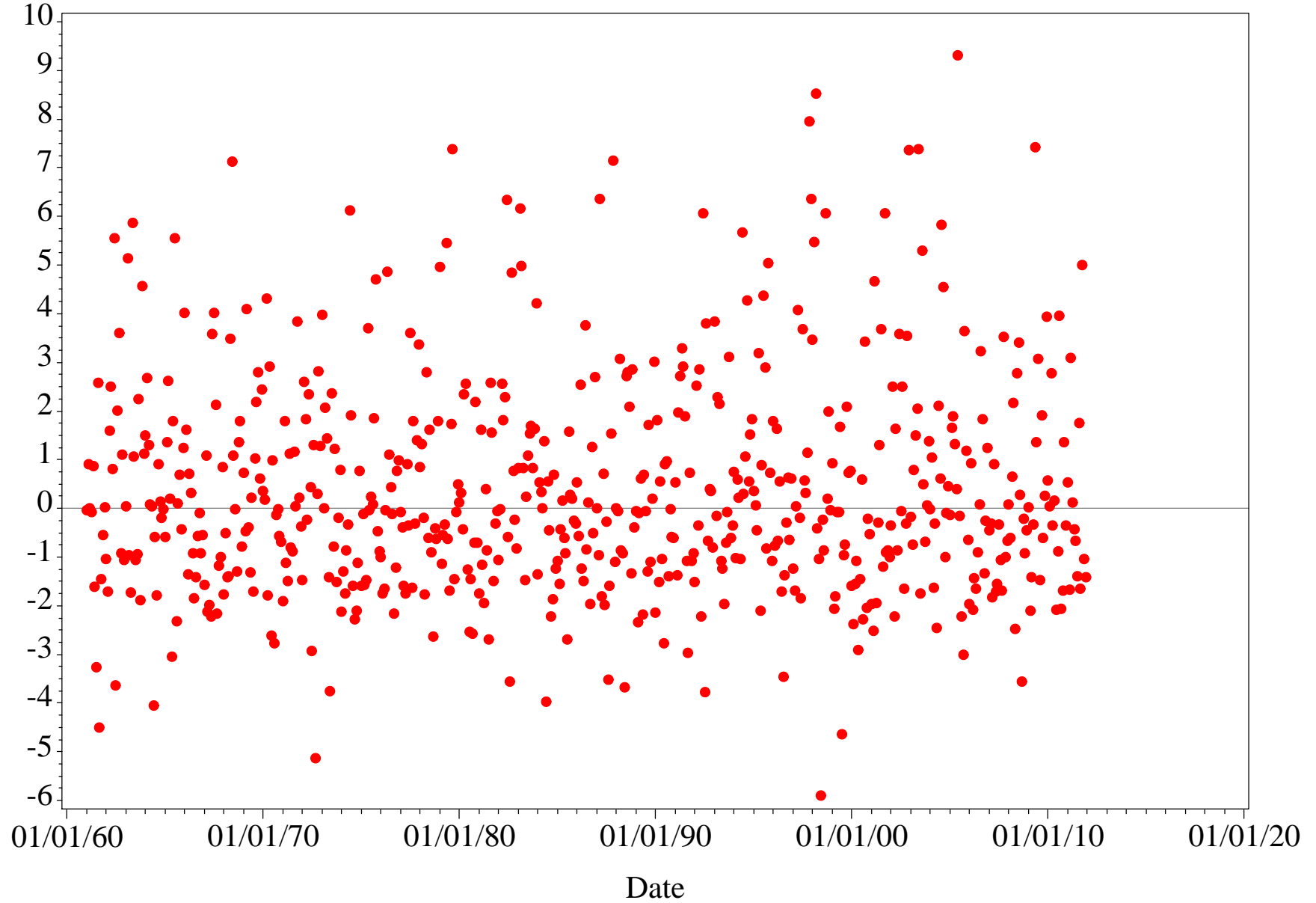
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.011830	0.67299	0.68428	.00211

Payne Creek Trends Appendix - Display 151

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Payne Creek Trends Appendix - Display 152

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

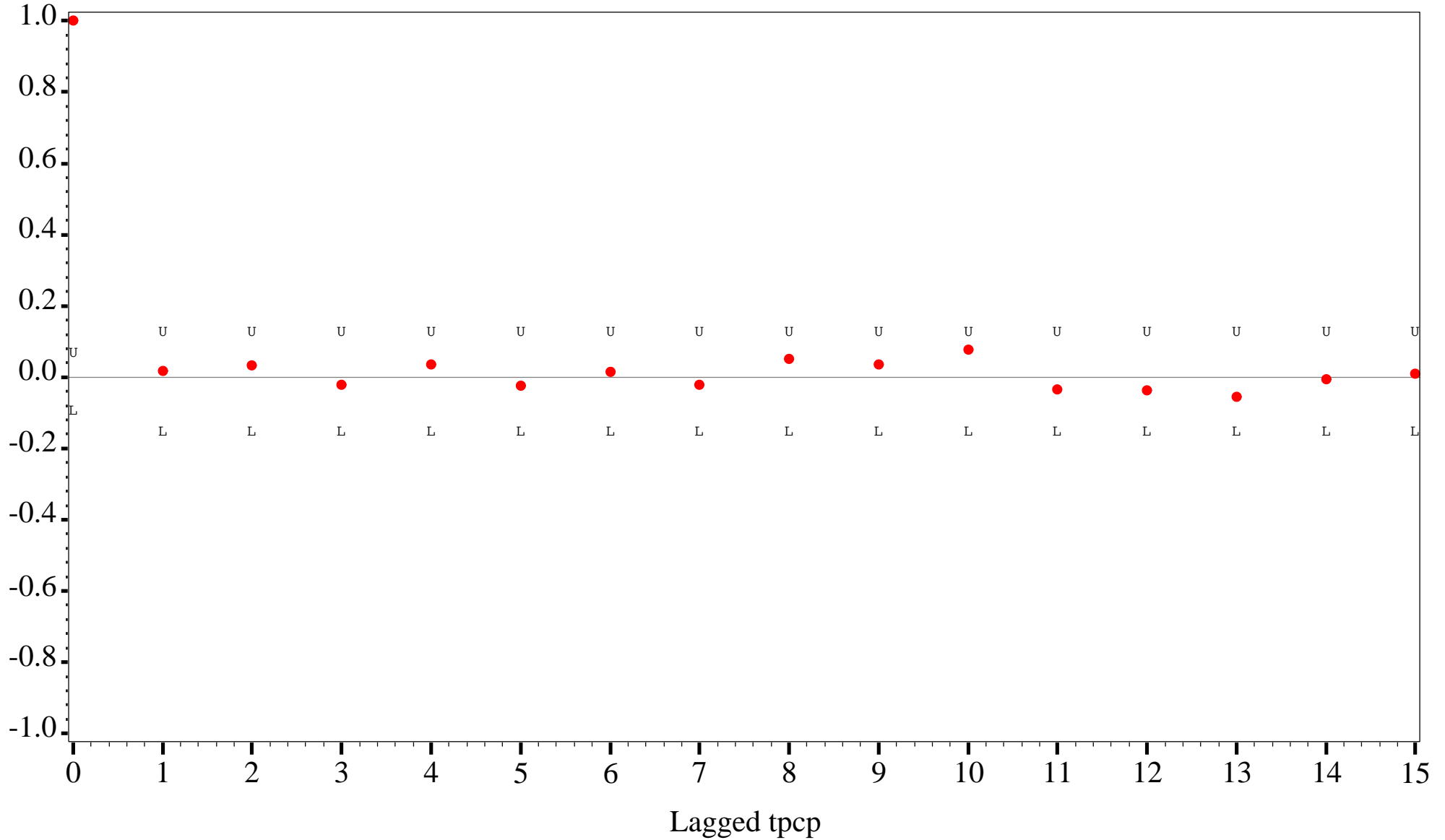
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.017	0.07	0.140	-0.140
2	0.034	0.07	0.140	-0.140
3	-0.020	0.07	0.140	-0.140
4	0.037	0.07	0.140	-0.140
5	-0.025	0.07	0.140	-0.140
6	0.016	0.07	0.140	-0.140
7	-0.022	0.07	0.140	-0.140
8	0.052	0.07	0.140	-0.140
9	0.036	0.07	0.140	-0.140
10	0.077	0.07	0.140	-0.140
11	-0.033	0.07	0.141	-0.141
12	-0.037	0.07	0.141	-0.141
13	-0.055	0.07	0.141	-0.141
14	-0.006	0.07	0.141	-0.141
15	0.009	0.07	0.141	-0.141

Payne Creek Trends Appendix - Display 153

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



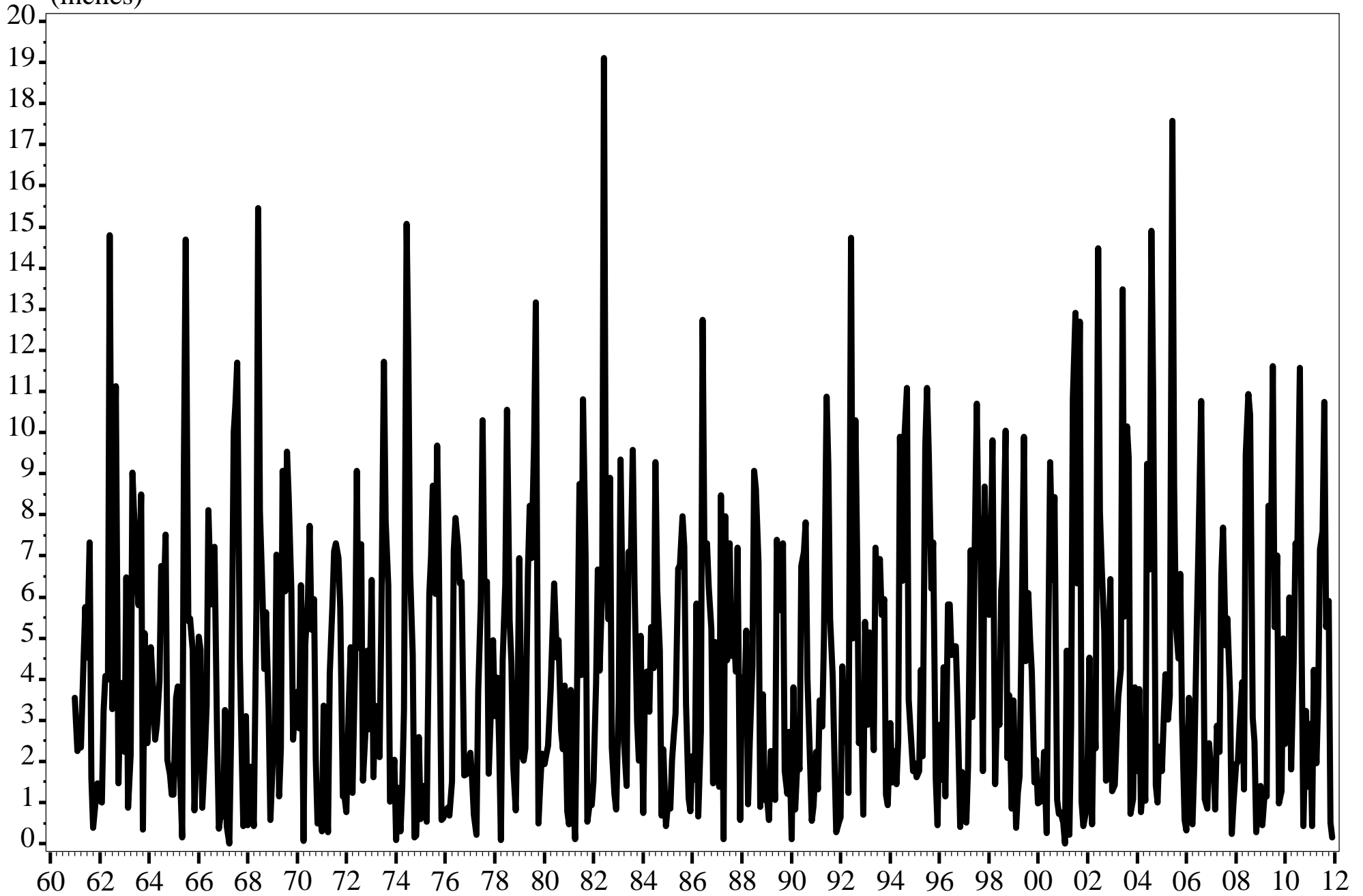
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Peace at Arcadia Trends Appendix - Display 154

Monthly Data Time Series

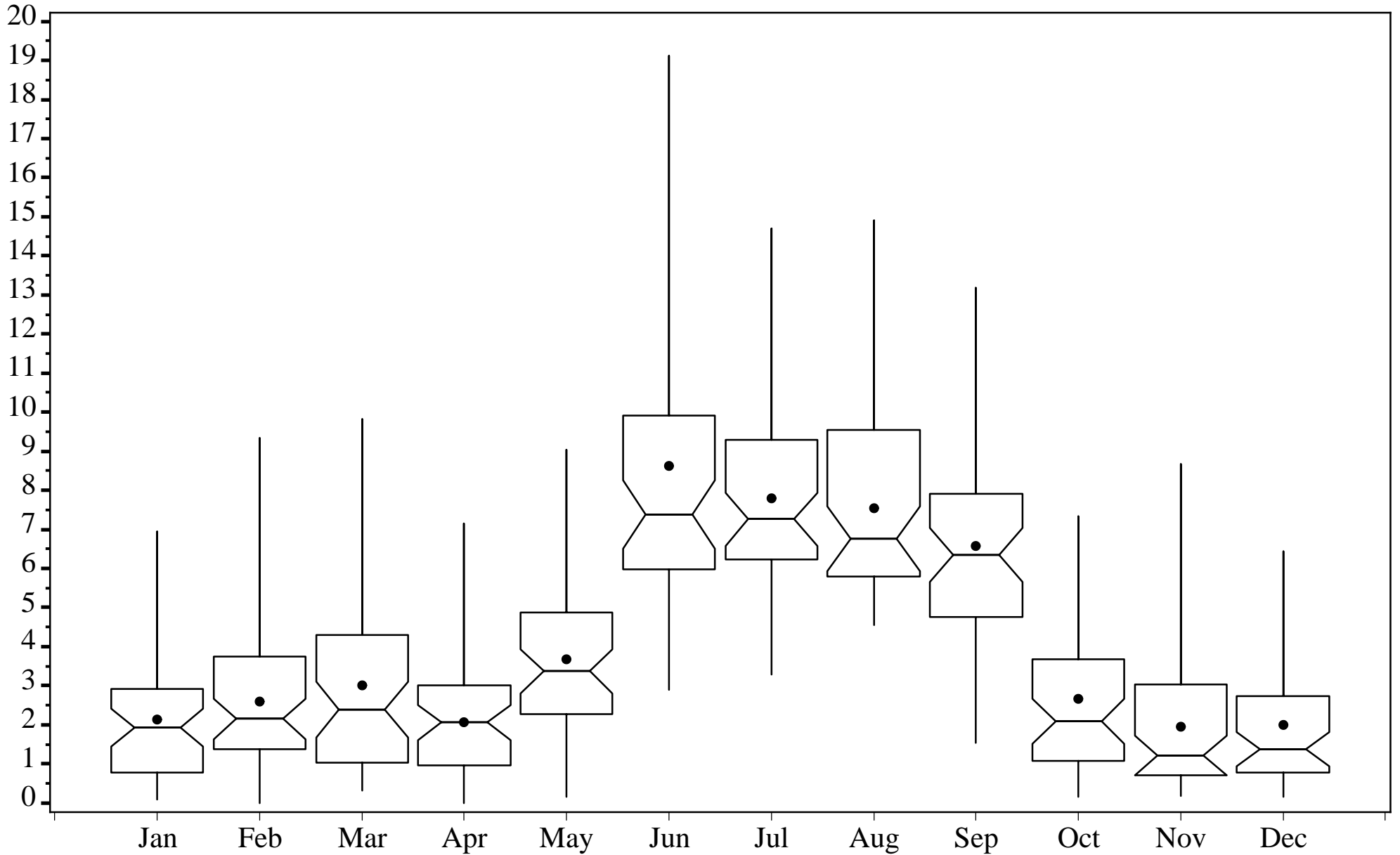
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Peace at Arcadia Trends Appendix - Display 156

Autocorrelation Statistics

Unadjusted for Seasonal Medians

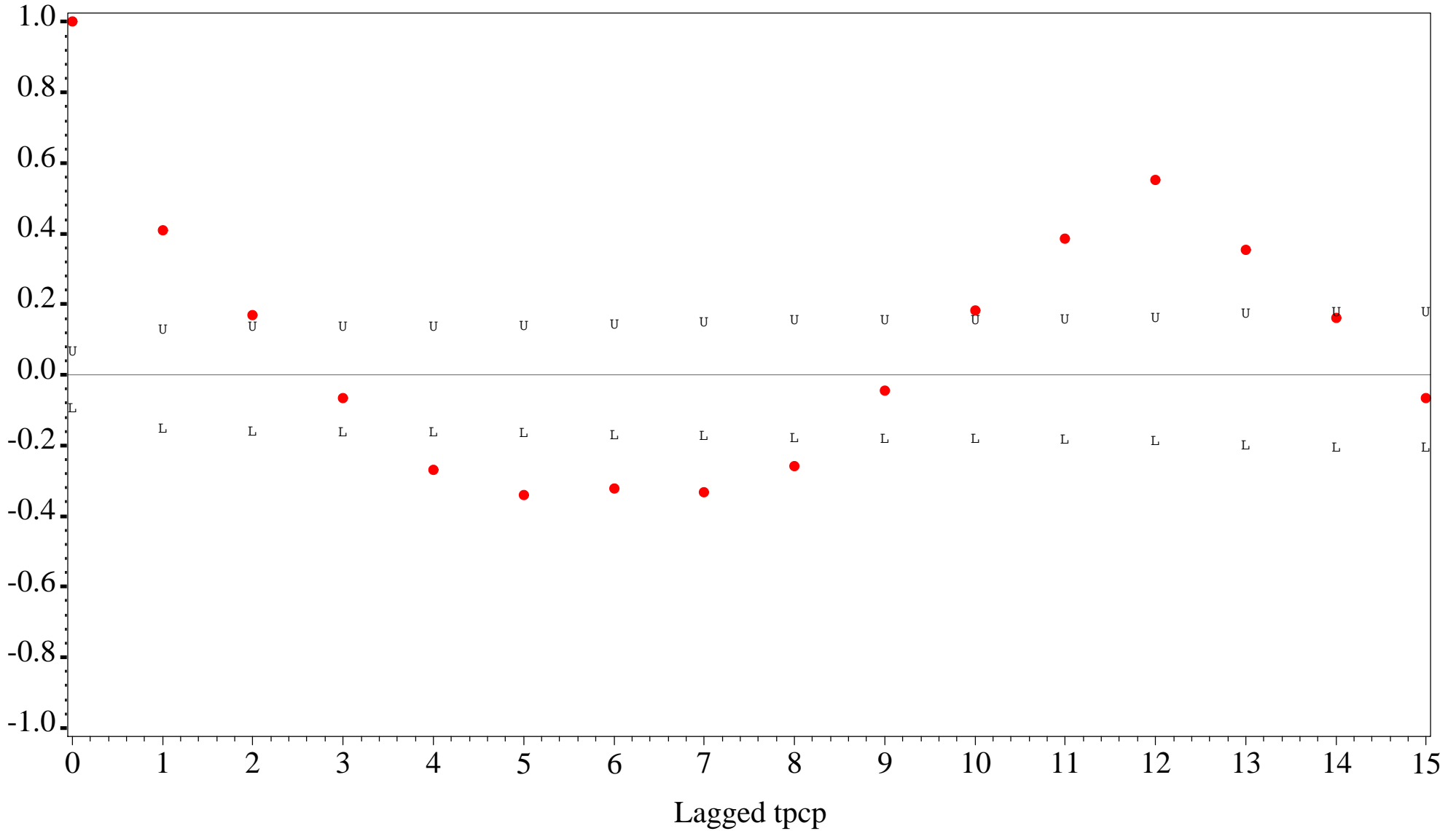
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.409	0.070	0.140	-0.140
2	0.169	0.074	0.148	-0.148
3	-0.066	0.074	0.149	-0.149
4	-0.269	0.075	0.149	-0.149
5	-0.341	0.076	0.152	-0.152
6	-0.321	0.079	0.157	-0.157
7	-0.332	0.081	0.161	-0.161
8	-0.259	0.083	0.166	-0.166
9	-0.044	0.084	0.168	-0.168
10	0.183	0.084	0.168	-0.168
11	0.386	0.085	0.170	-0.170
12	0.552	0.088	0.175	-0.175
13	0.354	0.093	0.186	-0.186
14	0.161	0.095	0.191	-0.191
15	-0.066	0.096	0.192	-0.192

Peace at Arcadia Trends Appendix - Display 157

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Peace at Arcadia Trends Appendix - Display 158

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-0.005	0.851	0.845	-0.001

Peace at Arcadia Trends Appendix - Display 159

Seasonal Kendall Tau Trend Test Statistics

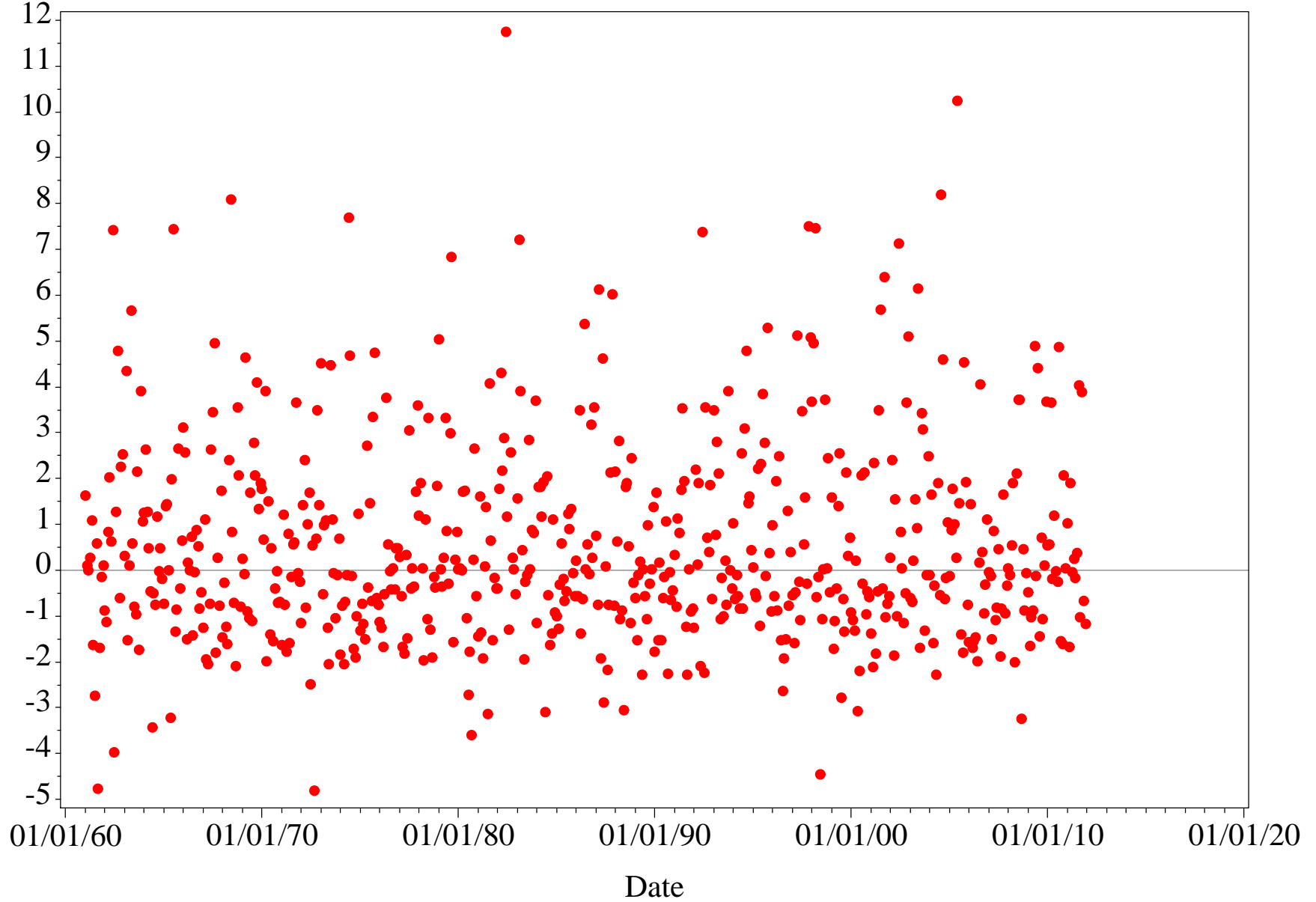
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-.00535948	0.84937	0.84309	-.000928572

Peace at Arcadia Trends Appendix - Display 160

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Peace at Arcadia Trends Appendix - Display 161

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

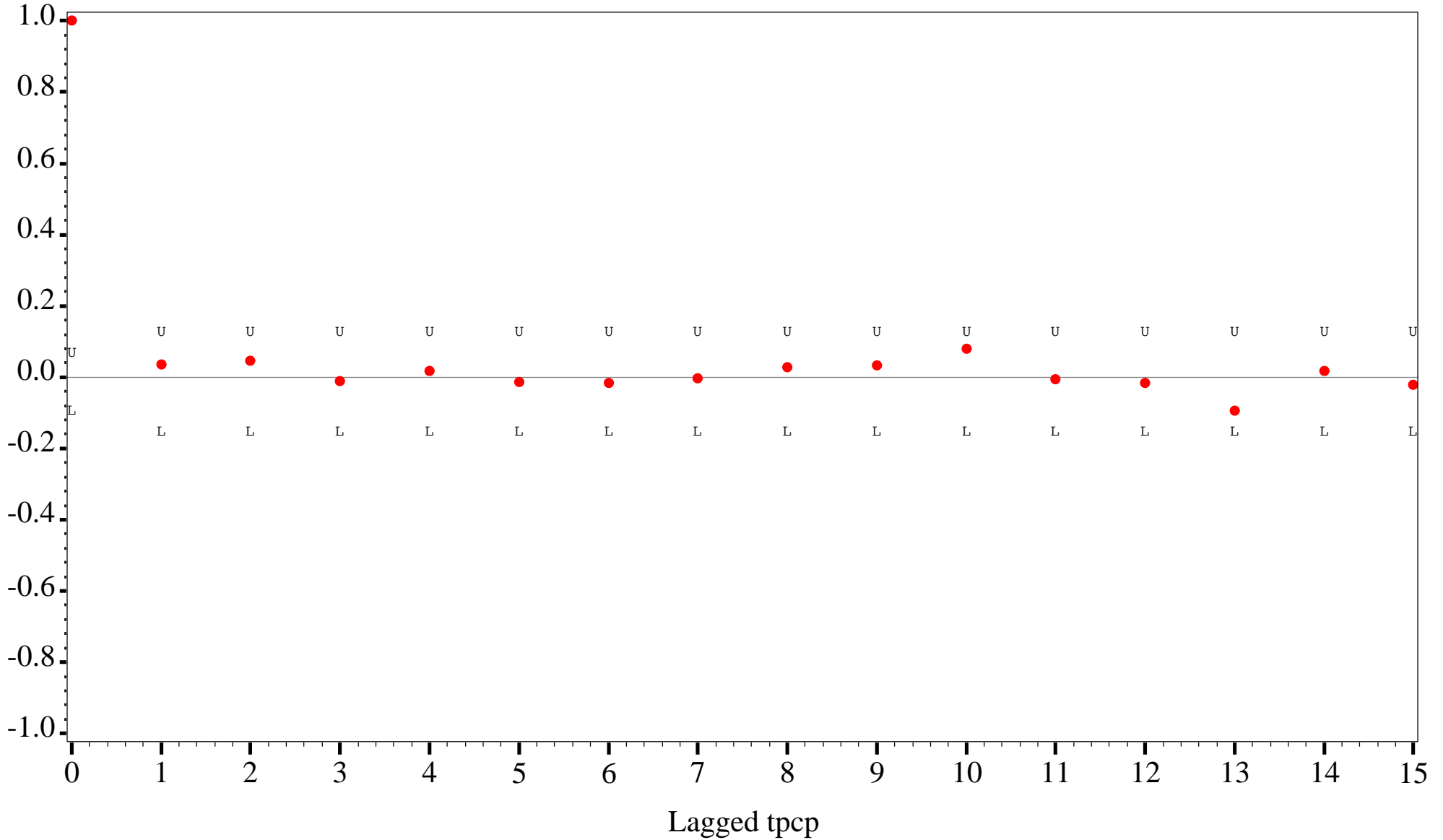
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.035	0.070	0.140	-0.140
2	0.045	0.070	0.140	-0.140
3	-0.011	0.070	0.140	-0.140
4	0.018	0.070	0.140	-0.140
5	-0.014	0.070	0.140	-0.140
6	-0.015	0.070	0.140	-0.140
7	-0.003	0.070	0.140	-0.140
8	0.028	0.070	0.140	-0.140
9	0.033	0.070	0.140	-0.140
10	0.079	0.070	0.140	-0.140
11	-0.006	0.070	0.141	-0.141
12	-0.016	0.070	0.141	-0.141
13	-0.094	0.070	0.141	-0.141
14	0.017	0.071	0.141	-0.141
15	-0.020	0.071	0.141	-0.141

Peace at Arcadia Trends Appendix - Display 162

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



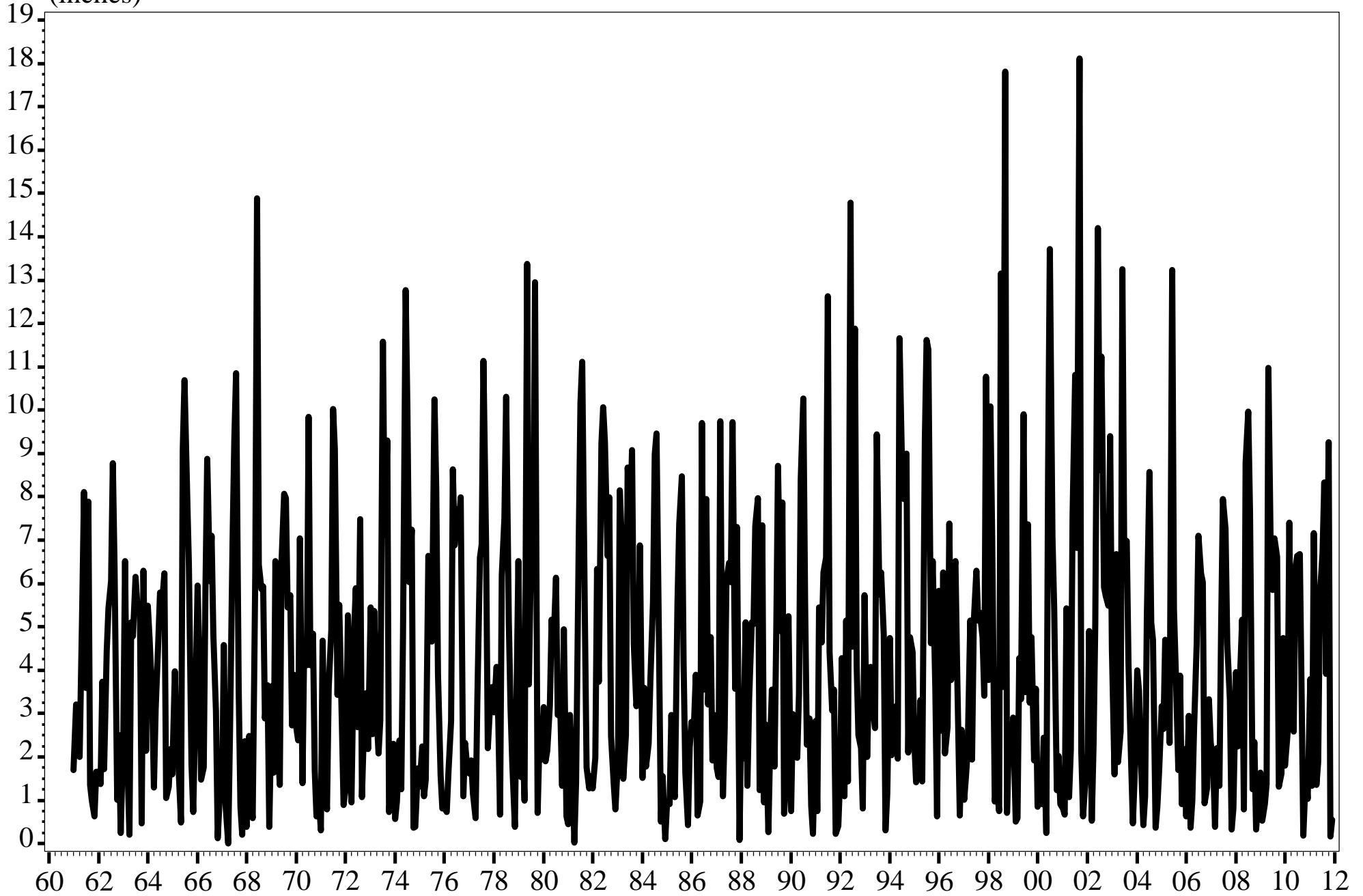
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Peace at Bartow Trends Appendix - Display 163

Monthly Data Time Series

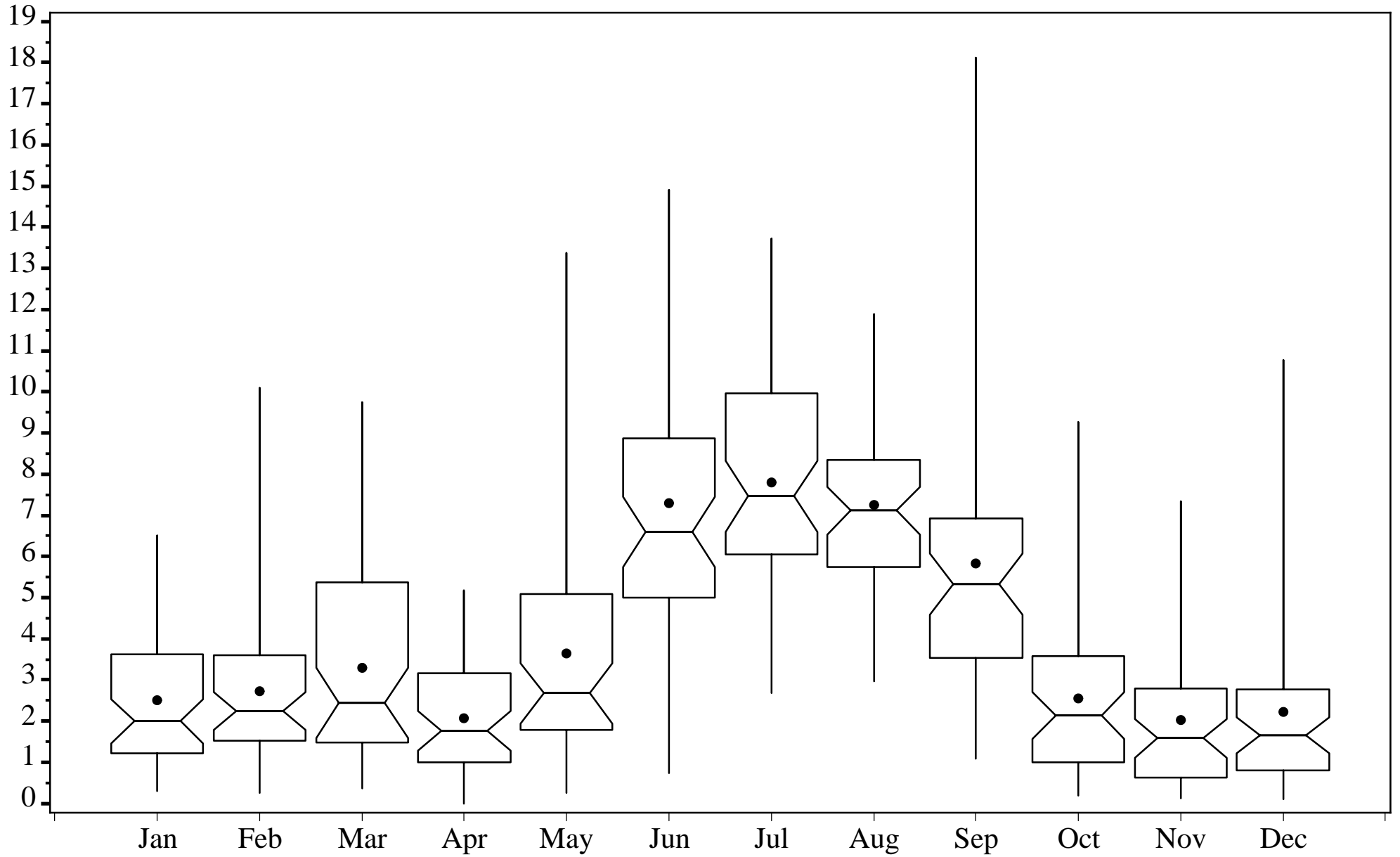
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Peace at Bartow Trends Appendix - Display 165

Autocorrelation Statistics

Unadjusted for Seasonal Medians

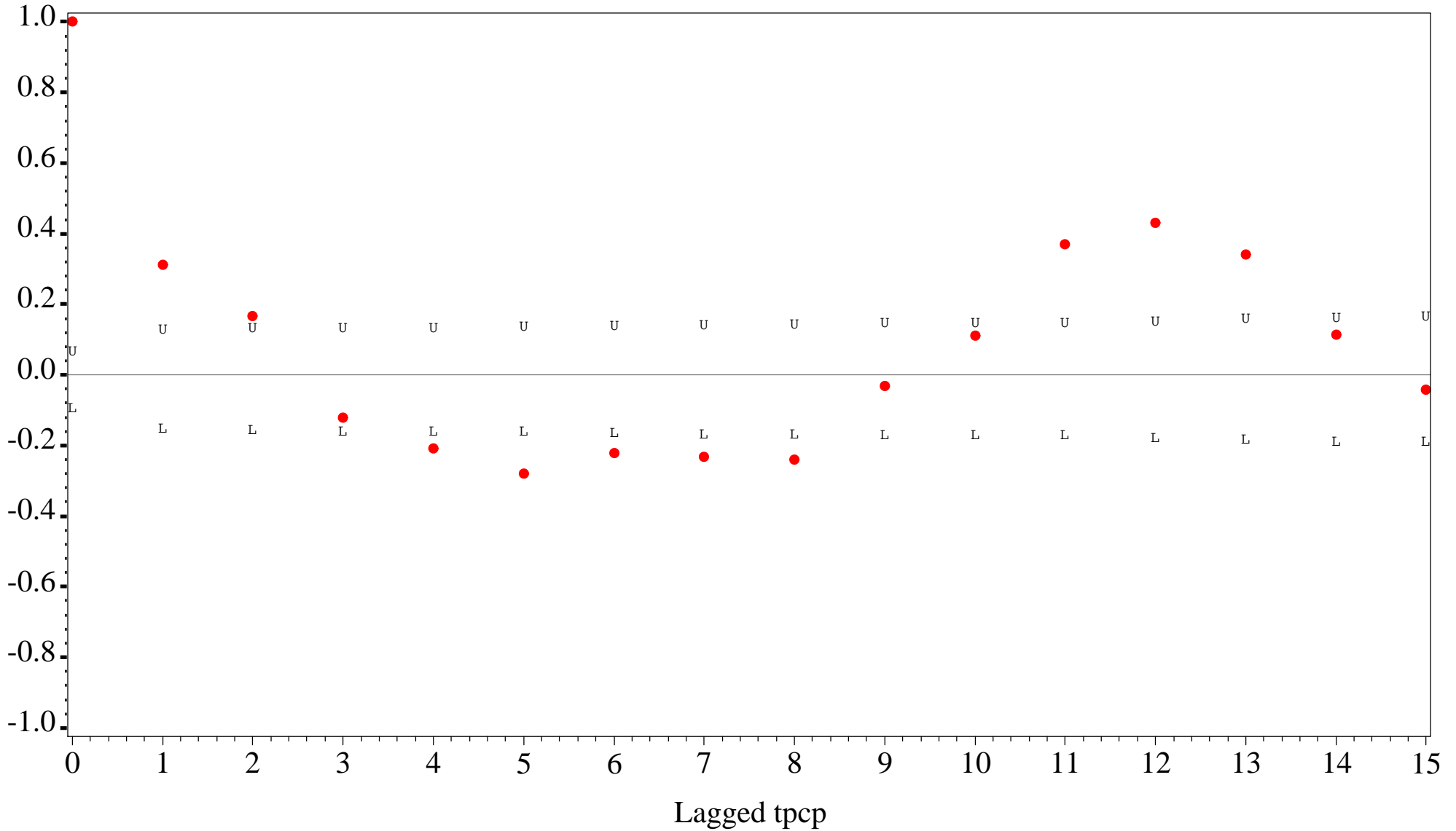
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.313	0.070	0.140	-0.140
2	0.167	0.072	0.145	-0.145
3	-0.122	0.073	0.146	-0.146
4	-0.209	0.073	0.146	-0.146
5	-0.280	0.074	0.148	-0.148
6	-0.221	0.076	0.152	-0.152
7	-0.232	0.077	0.154	-0.154
8	-0.239	0.078	0.156	-0.156
9	-0.032	0.079	0.159	-0.159
10	0.111	0.079	0.159	-0.159
11	0.370	0.080	0.159	-0.159
12	0.431	0.082	0.165	-0.165
13	0.341	0.086	0.172	-0.172
14	0.113	0.088	0.176	-0.176
15	-0.042	0.088	0.177	-0.177

Peace at Bartow Trends Appendix - Display 166

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Peace at Bartow Trends Appendix - Display 167

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-0.002	0.946	0.941	0

Peace at Bartow Trends Appendix - Display 168

Seasonal Kendall Tau Trend Test Statistics

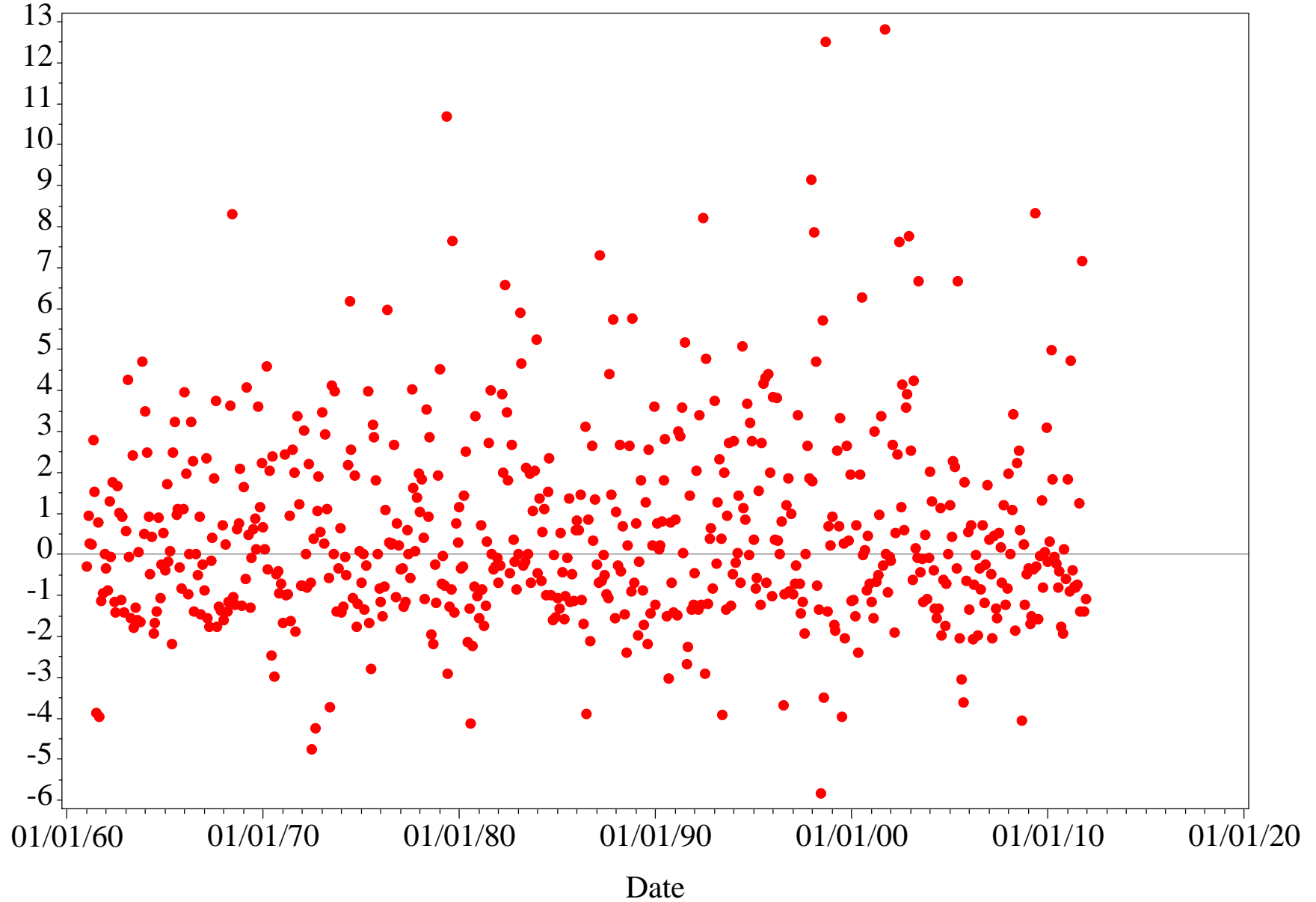
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-.0020915	0.94206	0.93722	-.000417989

Peace at Bartow Trends Appendix - Display 169

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Peace at Bartow Trends Appendix - Display 170

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

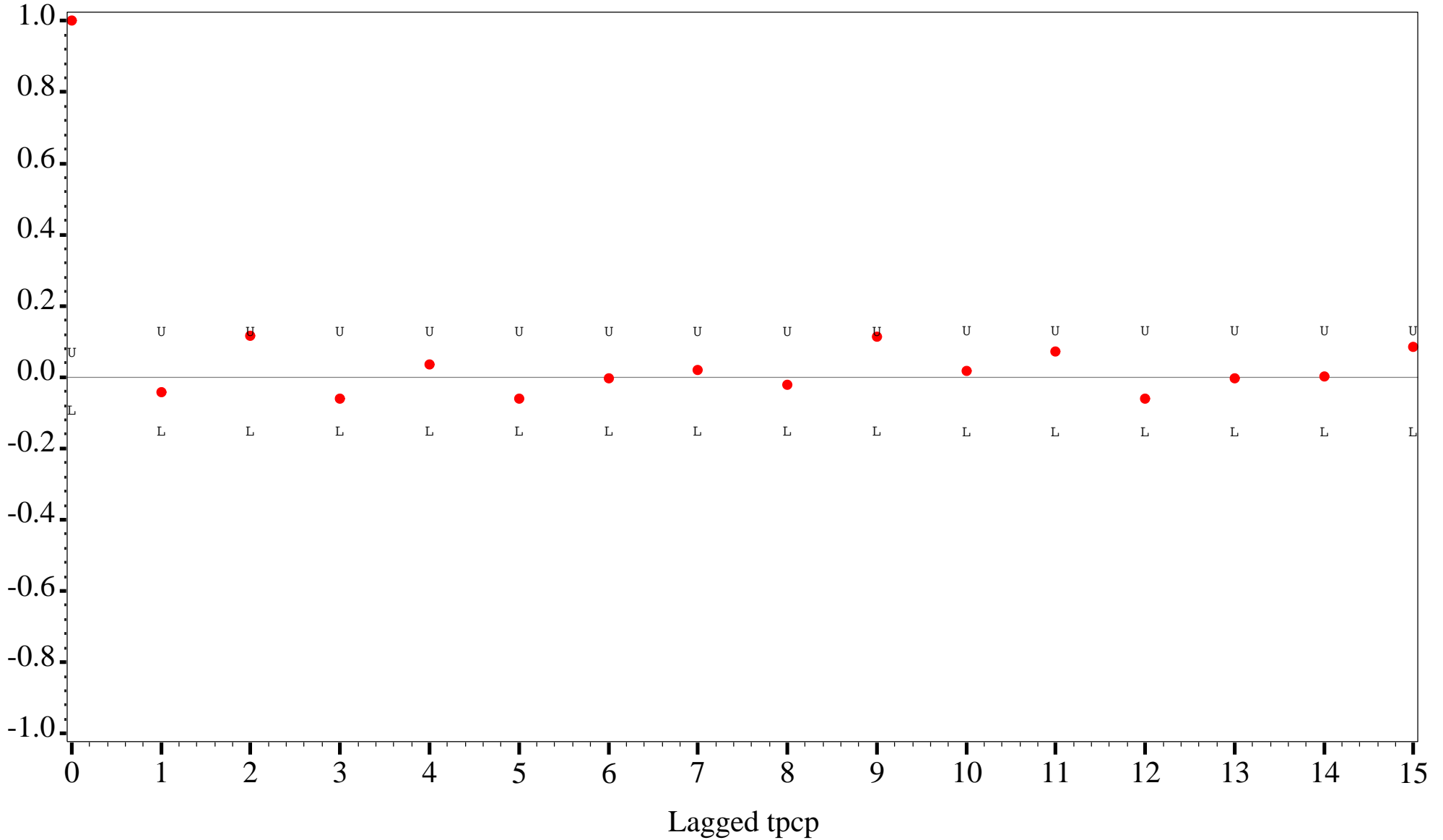
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	-0.042	0.070	0.140	-0.140
2	0.115	0.070	0.140	-0.140
3	-0.060	0.070	0.141	-0.141
4	0.035	0.070	0.141	-0.141
5	-0.059	0.070	0.141	-0.141
6	-0.003	0.071	0.141	-0.141
7	0.021	0.071	0.141	-0.141
8	-0.022	0.071	0.141	-0.141
9	0.114	0.071	0.141	-0.141
10	0.018	0.071	0.142	-0.142
11	0.072	0.071	0.142	-0.142
12	-0.059	0.071	0.142	-0.142
13	-0.002	0.071	0.142	-0.142
14	0.002	0.071	0.142	-0.142
15	0.085	0.071	0.142	-0.142

Peace at Bartow Trends Appendix - Display 171

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



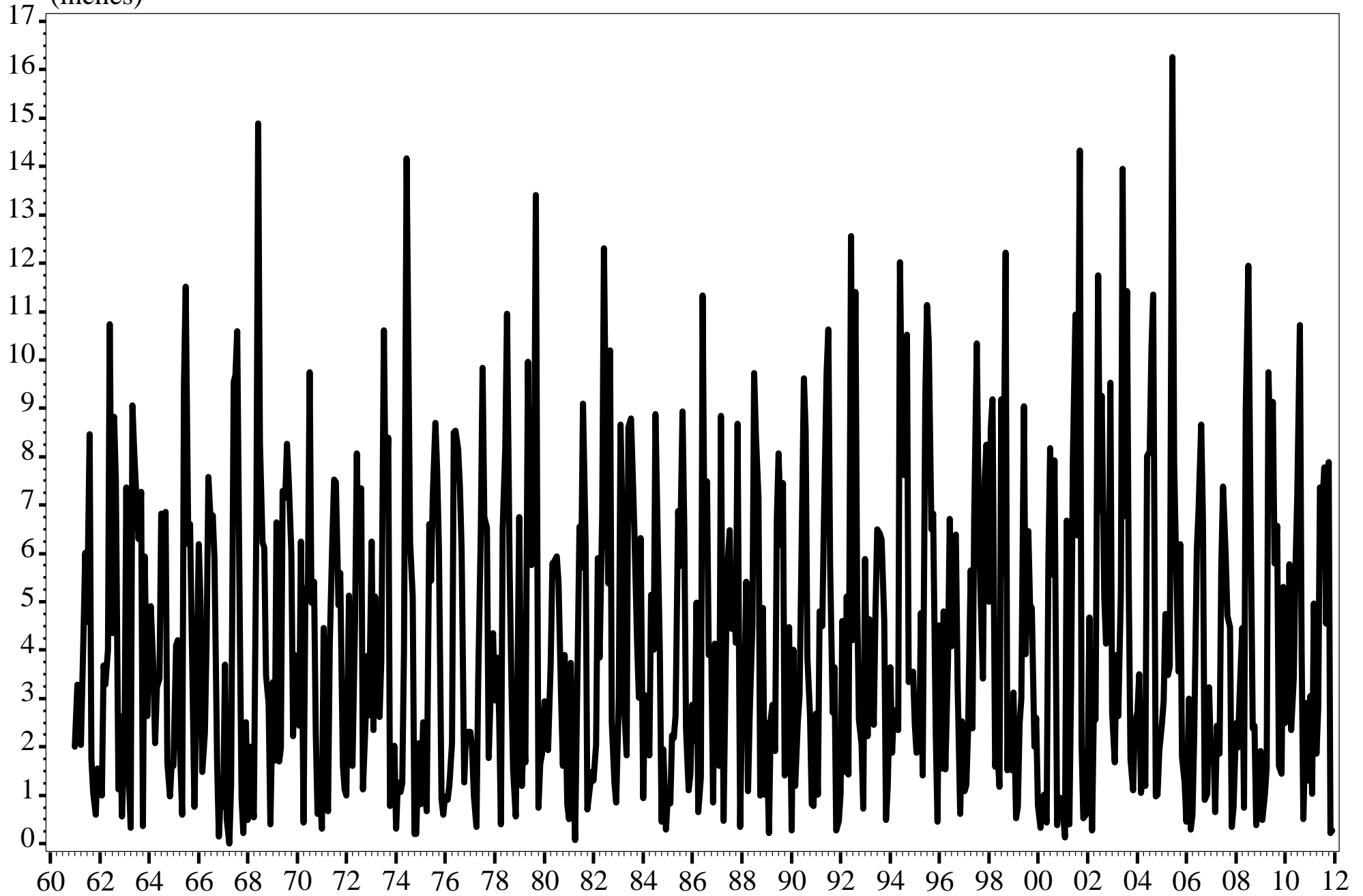
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Peace at Zolpho Springs Trends Appendix - Display 172

Monthly Data Time Series

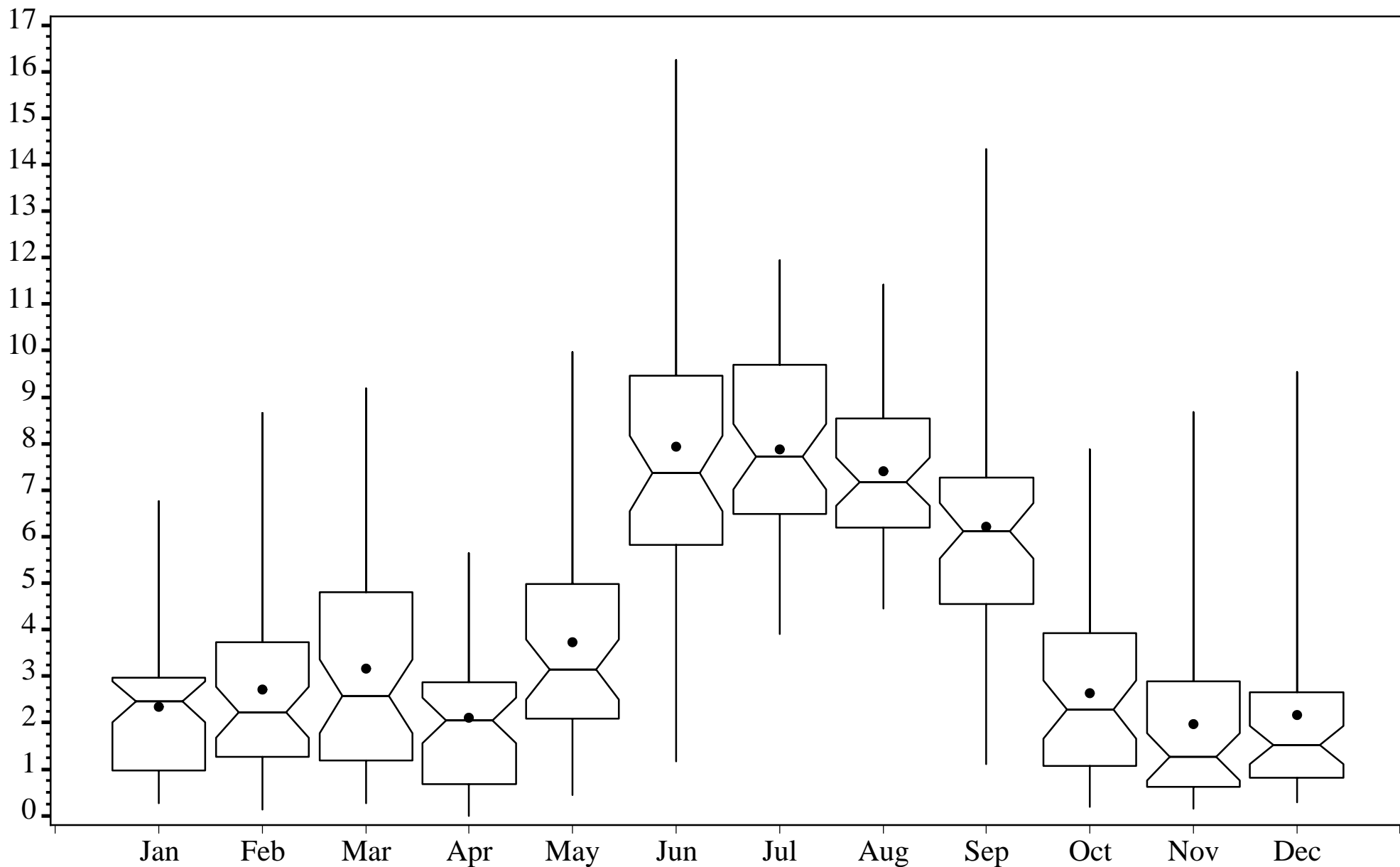
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Peace at Zolpho Springs Trends Appendix - Display 174

Autocorrelation Statistics

Unadjusted for Seasonal Medians

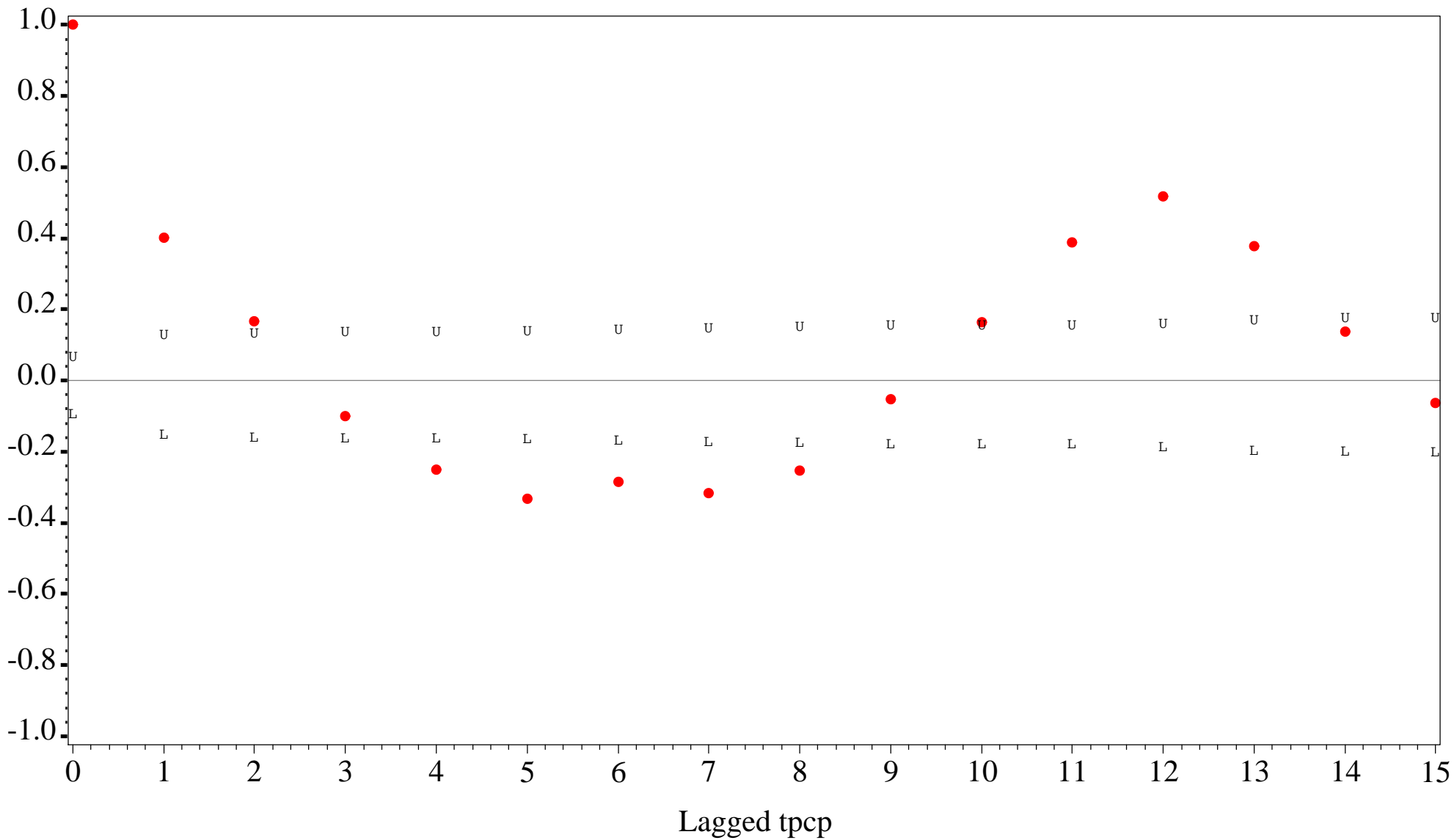
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.402	0.070	0.140	-0.140
2	0.168	0.074	0.147	-0.147
3	-0.101	0.074	0.149	-0.149
4	-0.250	0.075	0.149	-0.149
5	-0.332	0.076	0.152	-0.152
6	-0.284	0.078	0.156	-0.156
7	-0.316	0.080	0.160	-0.160
8	-0.252	0.082	0.164	-0.164
9	-0.053	0.083	0.166	-0.166
10	0.163	0.083	0.166	-0.166
11	0.389	0.084	0.167	-0.167
12	0.518	0.087	0.173	-0.173
13	0.379	0.092	0.183	-0.183
14	0.138	0.094	0.188	-0.188
15	-0.062	0.094	0.189	-0.189

Peace at Zolpho Springs Trends Appendix - Display 175

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Peace at Zolpho Springs Trends Appendix - Display 176

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-0.003	0.903	0.905	-0.001

Peace at Zolpho Springs Trends Appendix - Display 177

Seasonal Kendall Tau Trend Test Statistics

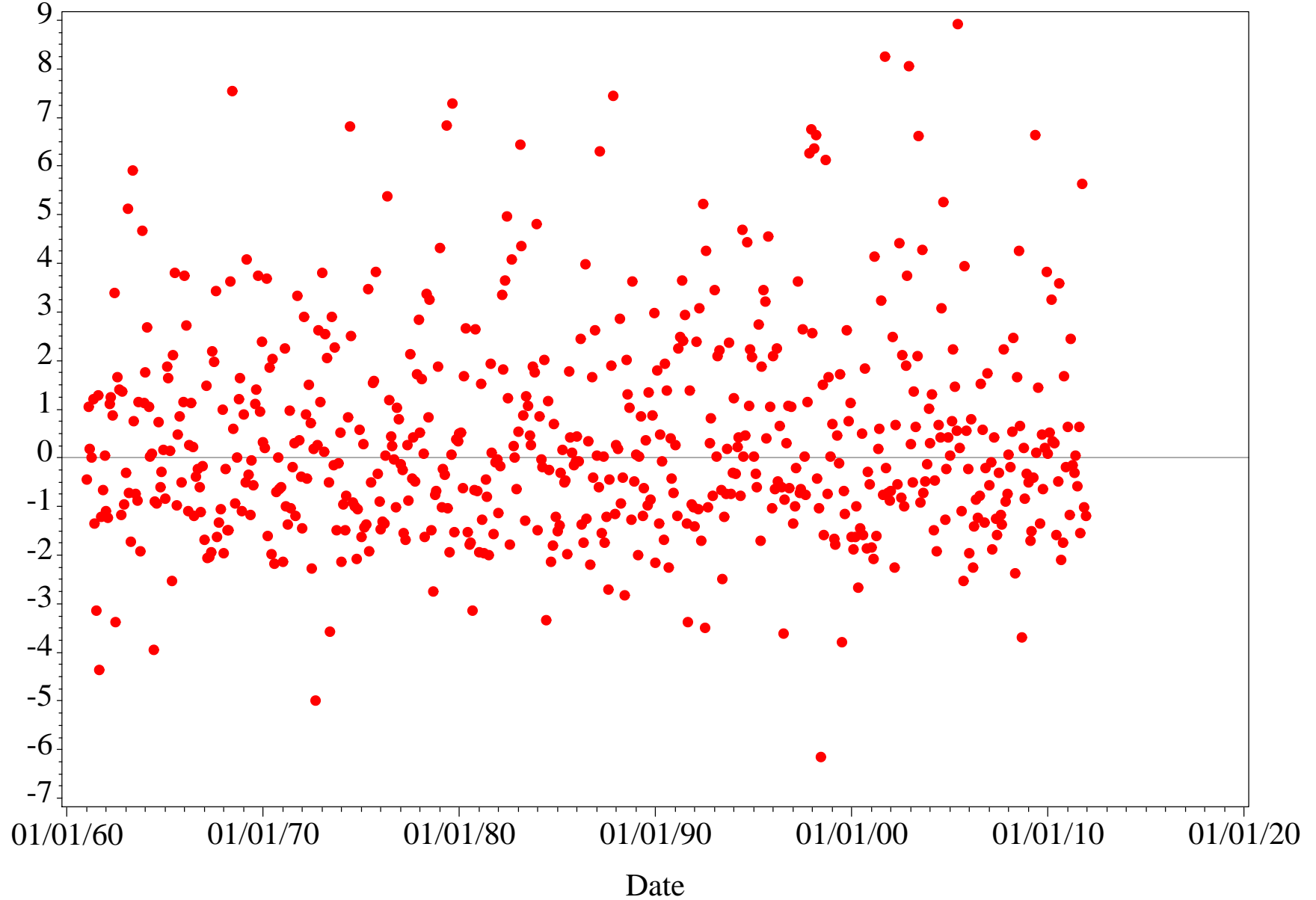
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-.00359477	0.89925	0.90123	-.000745383

Peace at Zolpho Springs Trends Appendix - Display 178

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Peace at Zolpho Springs Trends Appendix - Display 179

Autocorrelation Statistics

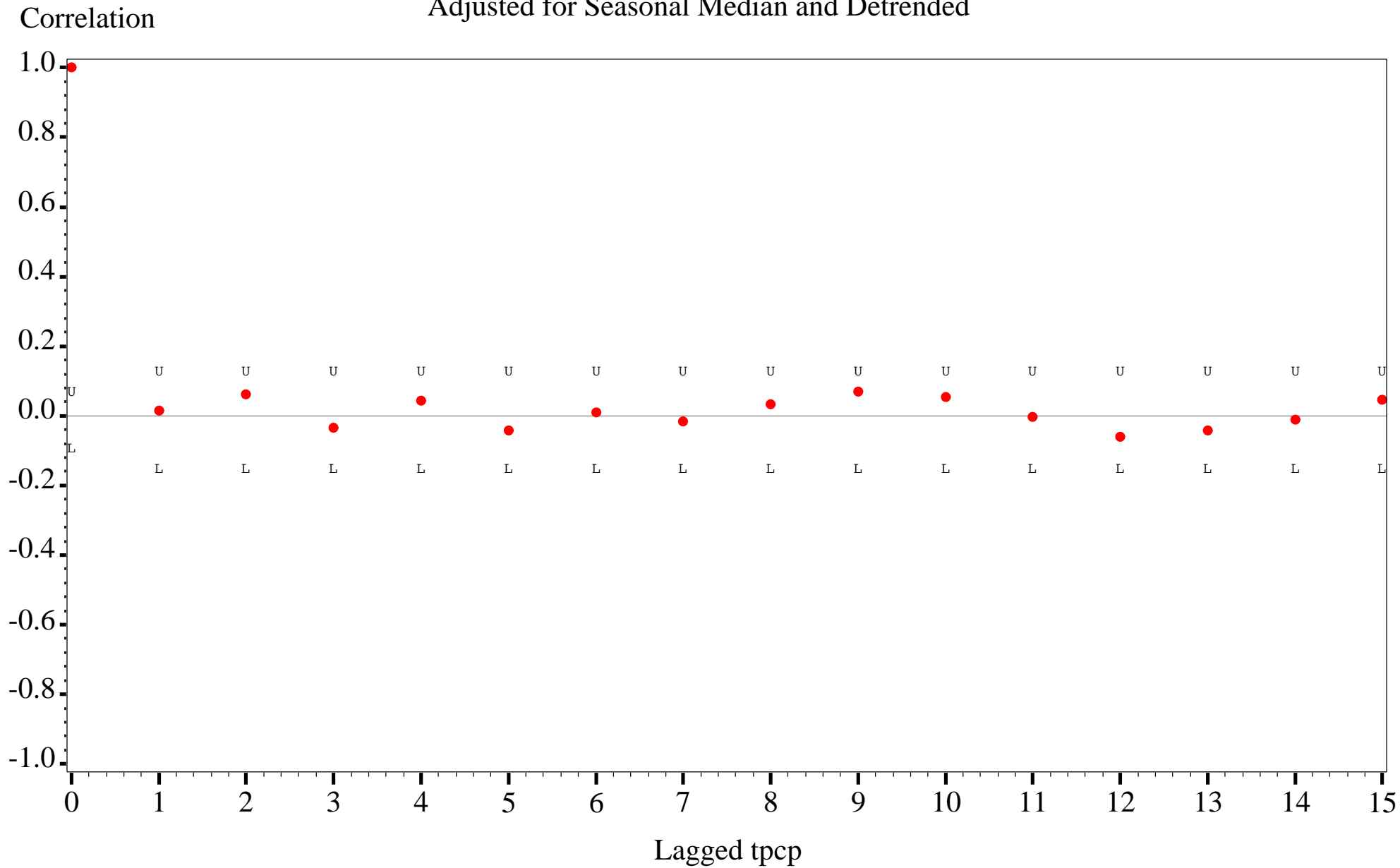
Adjusted for Seasonal Median and Detrended

Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.014	0.070	0.140	-0.140
2	0.063	0.070	0.140	-0.140
3	-0.034	0.070	0.140	-0.140
4	0.043	0.070	0.140	-0.140
5	-0.041	0.070	0.140	-0.140
6	0.011	0.070	0.140	-0.140
7	-0.017	0.070	0.140	-0.140
8	0.034	0.070	0.140	-0.140
9	0.070	0.070	0.141	-0.141
10	0.053	0.070	0.141	-0.141
11	-0.004	0.070	0.141	-0.141
12	-0.059	0.070	0.141	-0.141
13	-0.042	0.071	0.141	-0.141
14	-0.011	0.071	0.141	-0.141
15	0.046	0.071	0.141	-0.141

Peace at Zolpho Springs Trends Appendix - Display 180

Correlogram

Adjusted for Seasonal Median and Detrended



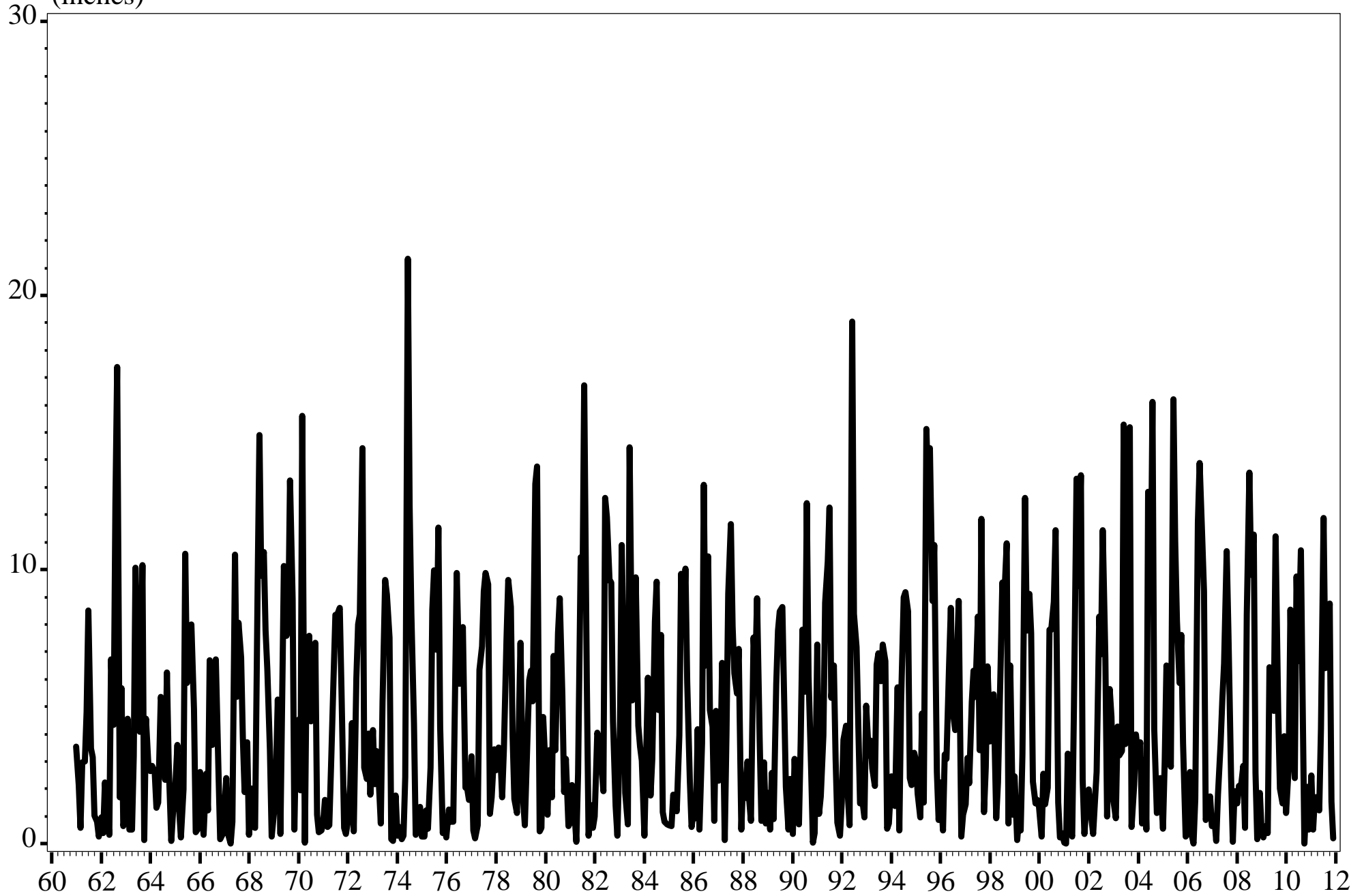
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Pine Island Sound Trends Appendix - Display 181

Monthly Data Time Series

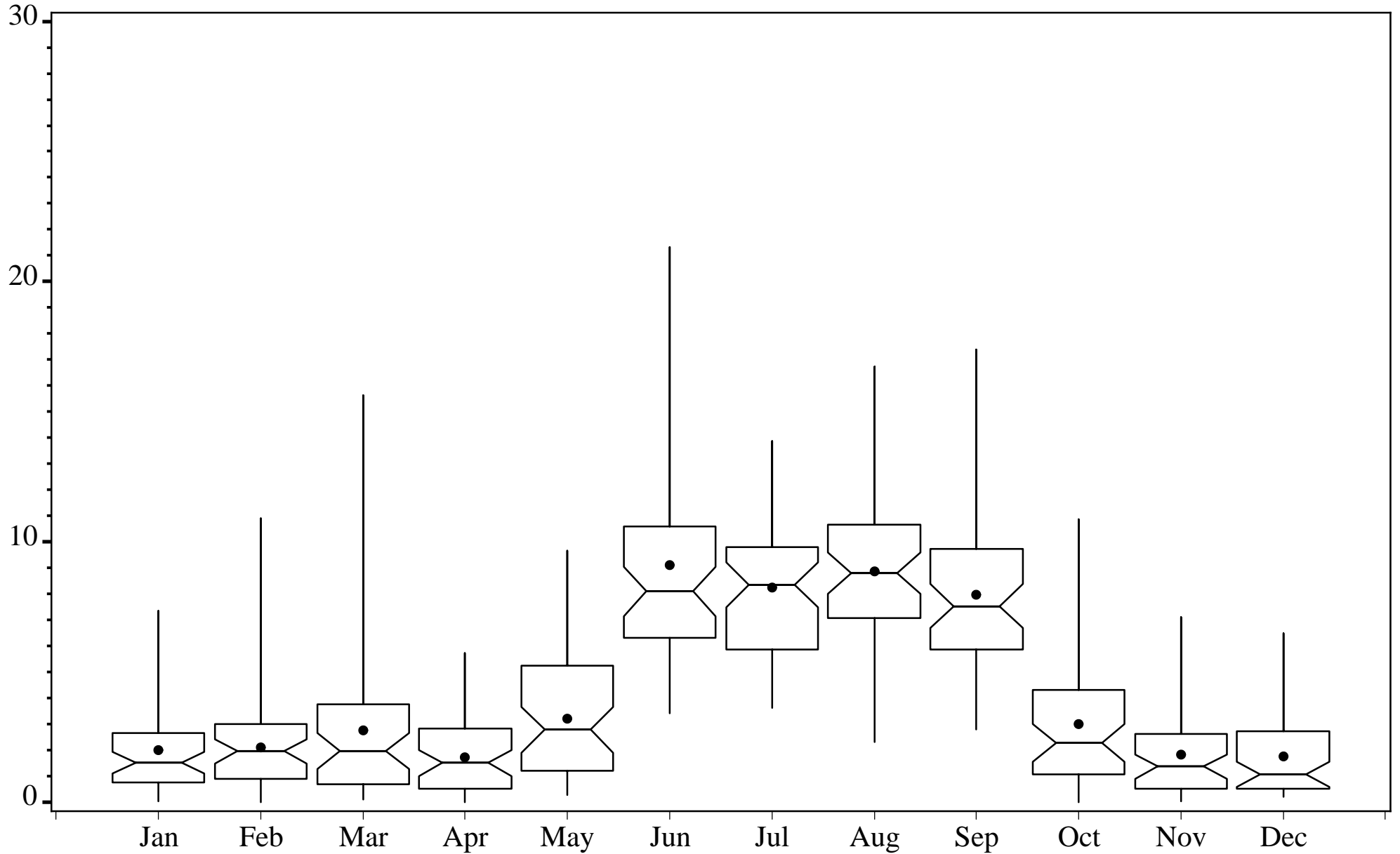
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Pine Island Sound Trends Appendix - Display 183

Autocorrelation Statistics

Unadjusted for Seasonal Medians

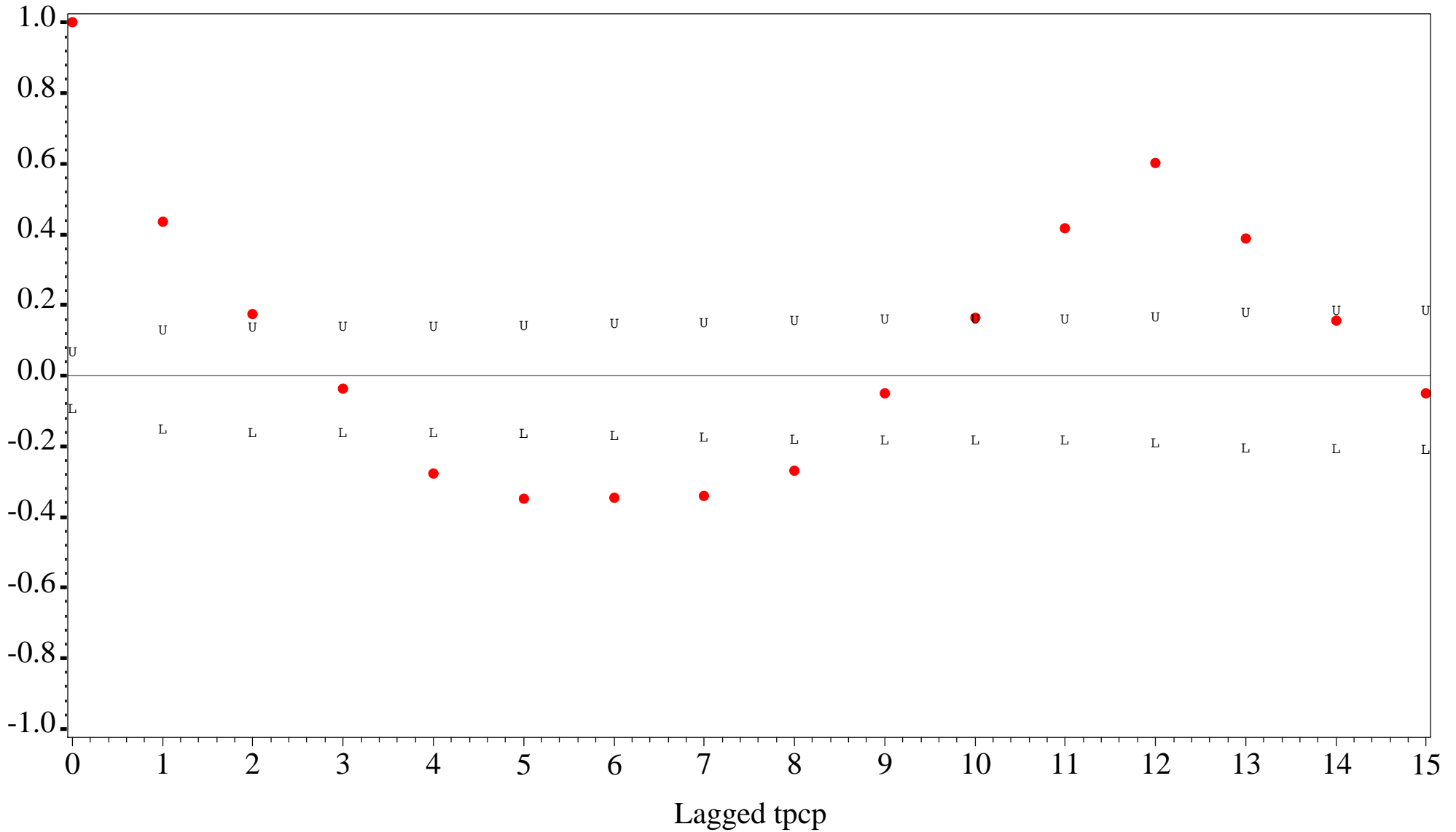
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.437	0.070	0.140	-0.140
2	0.174	0.074	0.149	-0.149
3	-0.037	0.075	0.150	-0.150
4	-0.276	0.075	0.150	-0.150
5	-0.347	0.077	0.153	-0.153
6	-0.345	0.079	0.158	-0.158
7	-0.340	0.082	0.163	-0.163
8	-0.269	0.084	0.168	-0.168
9	-0.050	0.085	0.171	-0.171
10	0.165	0.085	0.171	-0.171
11	0.418	0.086	0.172	-0.172
12	0.602	0.089	0.178	-0.178
13	0.389	0.096	0.191	-0.191
14	0.156	0.098	0.196	-0.196
15	-0.049	0.099	0.197	-0.197

Pine Island Sound Trends Appendix - Display 184

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Pine Island Sound Trends Appendix - Display 185

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.054	0.051	0.066	0.01

Pine Island Sound Trends Appendix - Display 186

Seasonal Kendall Tau Trend Test Statistics

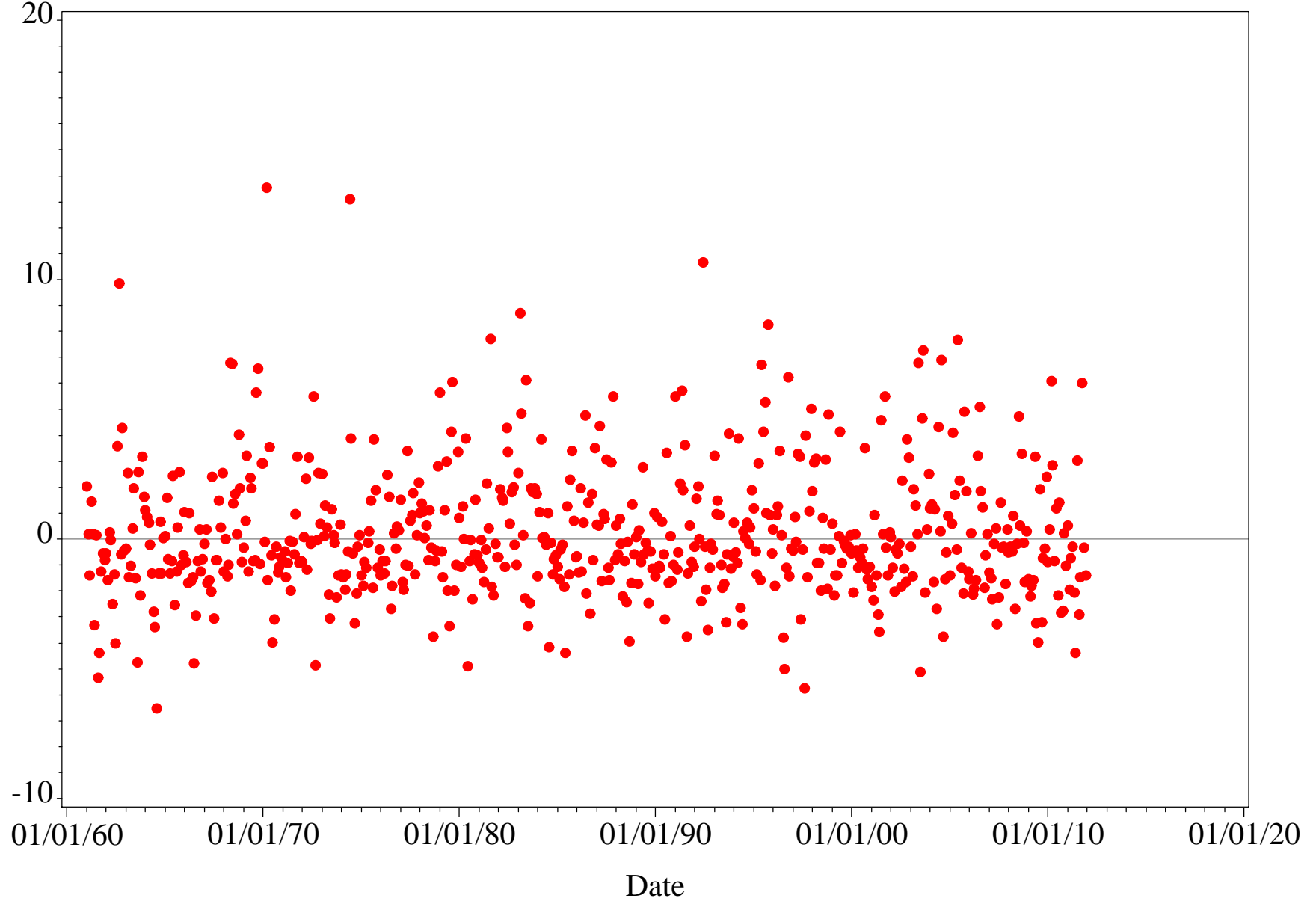
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.054379	0.051363	0.066391	.00958846

Pine Island Sound Trends Appendix - Display 187

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Pine Island Sound Trends Appendix - Display 188

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

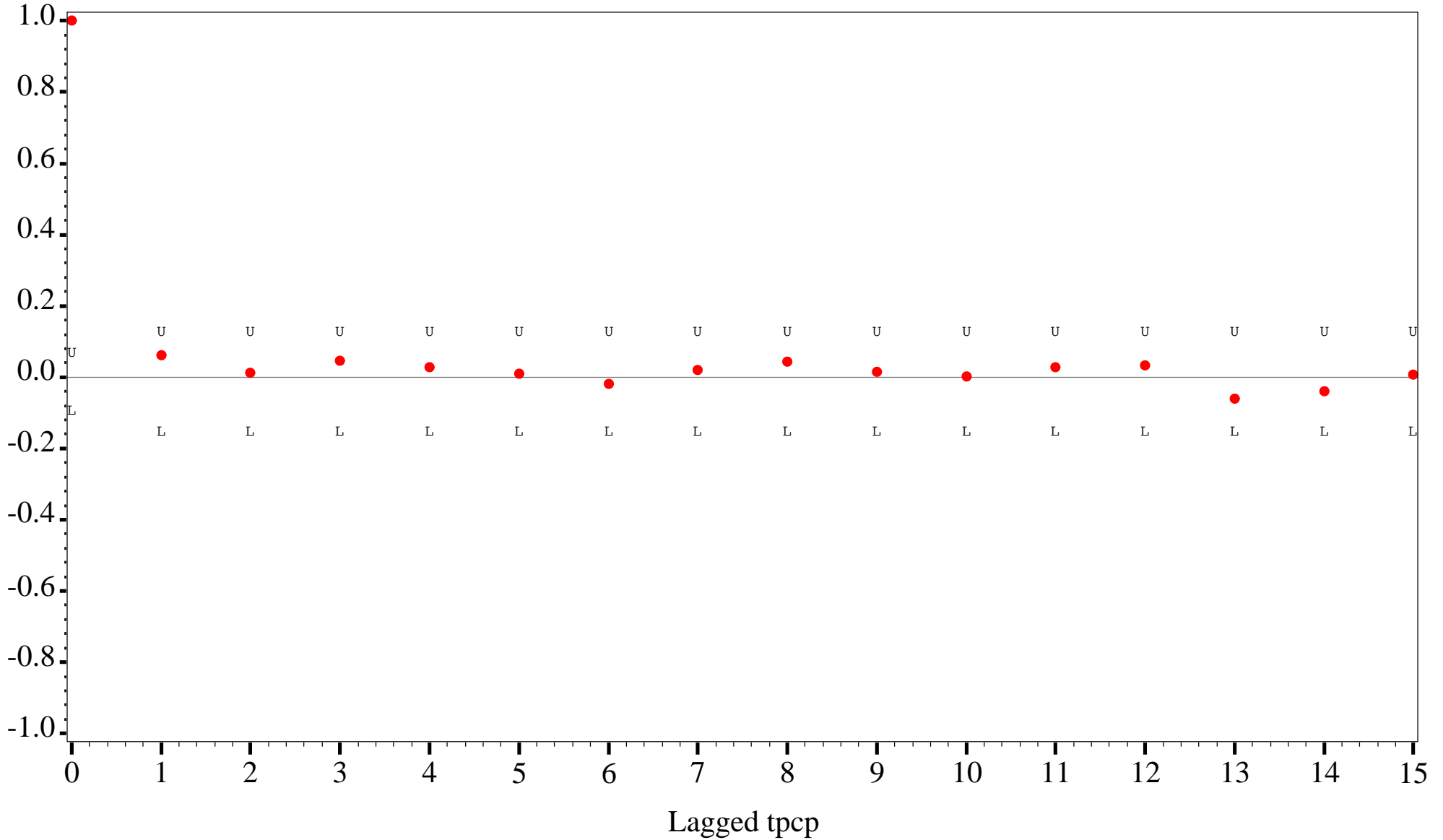
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.063	0.07	0.140	-0.140
2	0.013	0.07	0.140	-0.140
3	0.046	0.07	0.140	-0.140
4	0.028	0.07	0.140	-0.140
5	0.010	0.07	0.140	-0.140
6	-0.018	0.07	0.140	-0.140
7	0.019	0.07	0.140	-0.140
8	0.043	0.07	0.140	-0.140
9	0.014	0.07	0.140	-0.140
10	0.001	0.07	0.140	-0.140
11	0.029	0.07	0.140	-0.140
12	0.034	0.07	0.141	-0.141
13	-0.061	0.07	0.141	-0.141
14	-0.040	0.07	0.141	-0.141
15	0.008	0.07	0.141	-0.141

Pine Island Sound Trends Appendix - Display 189

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



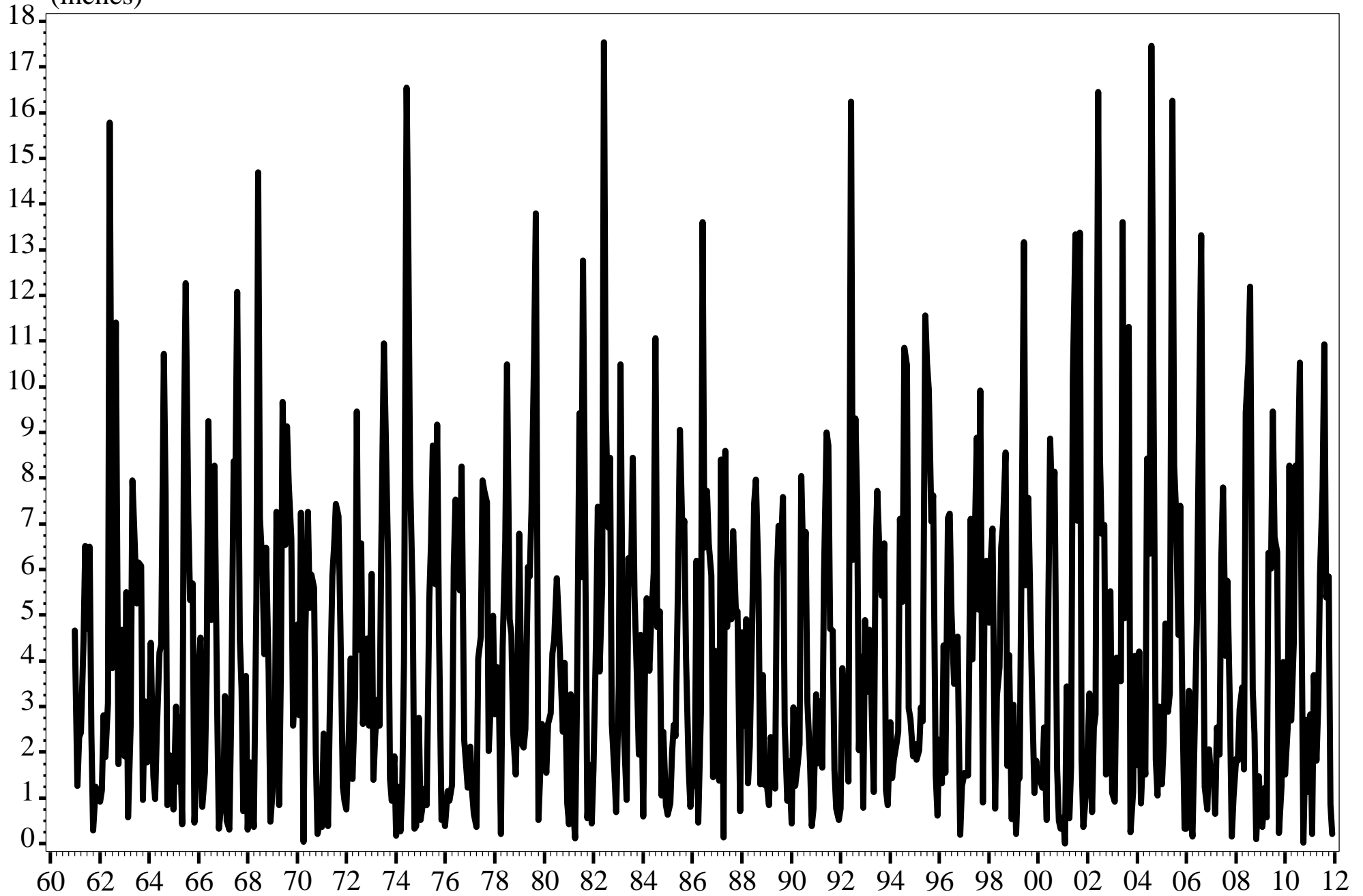
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Shell Creek Trends Appendix - Display 190

Monthly Data Time Series

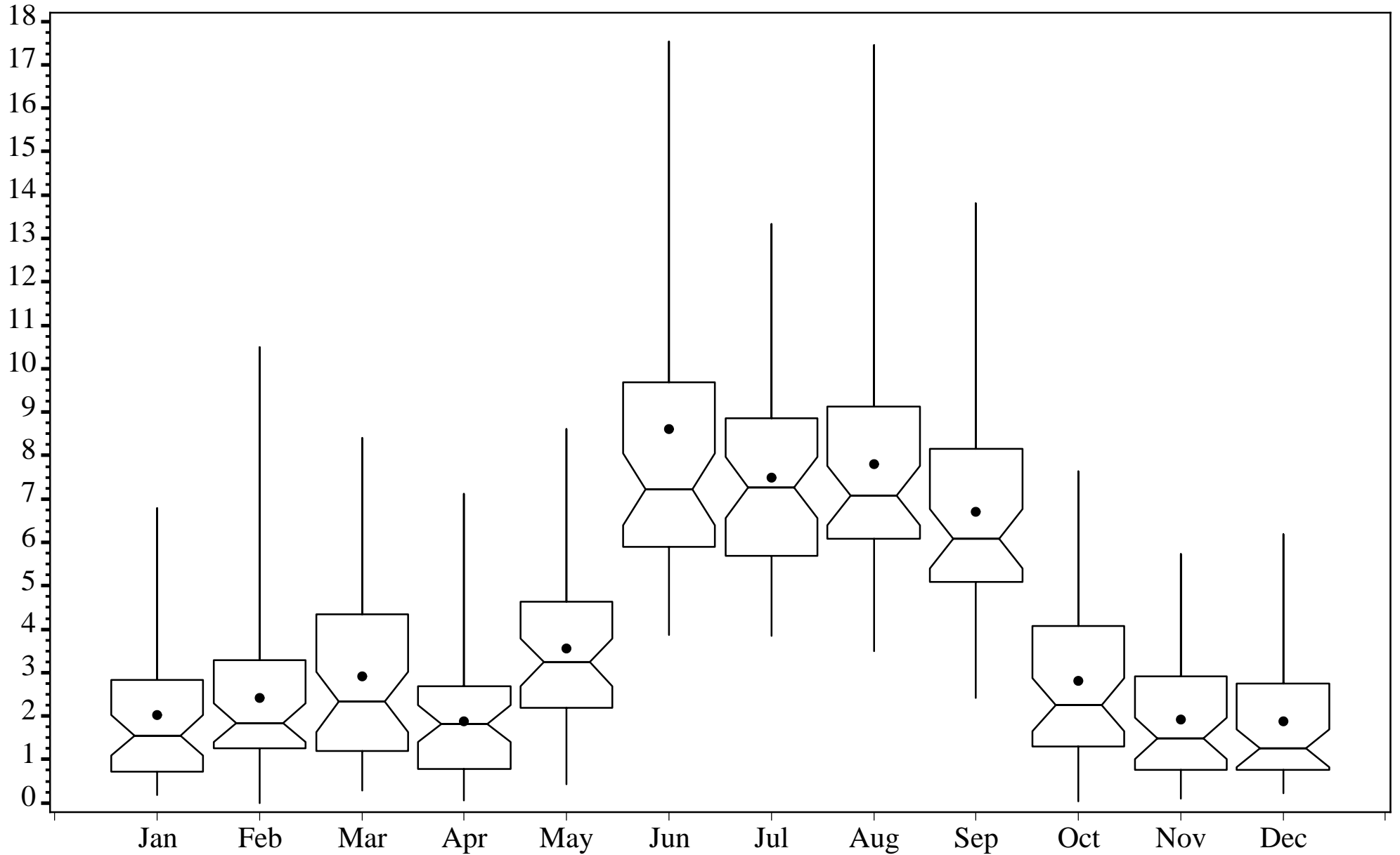
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Shell Creek Trends Appendix - Display 192

Autocorrelation Statistics

Unadjusted for Seasonal Medians

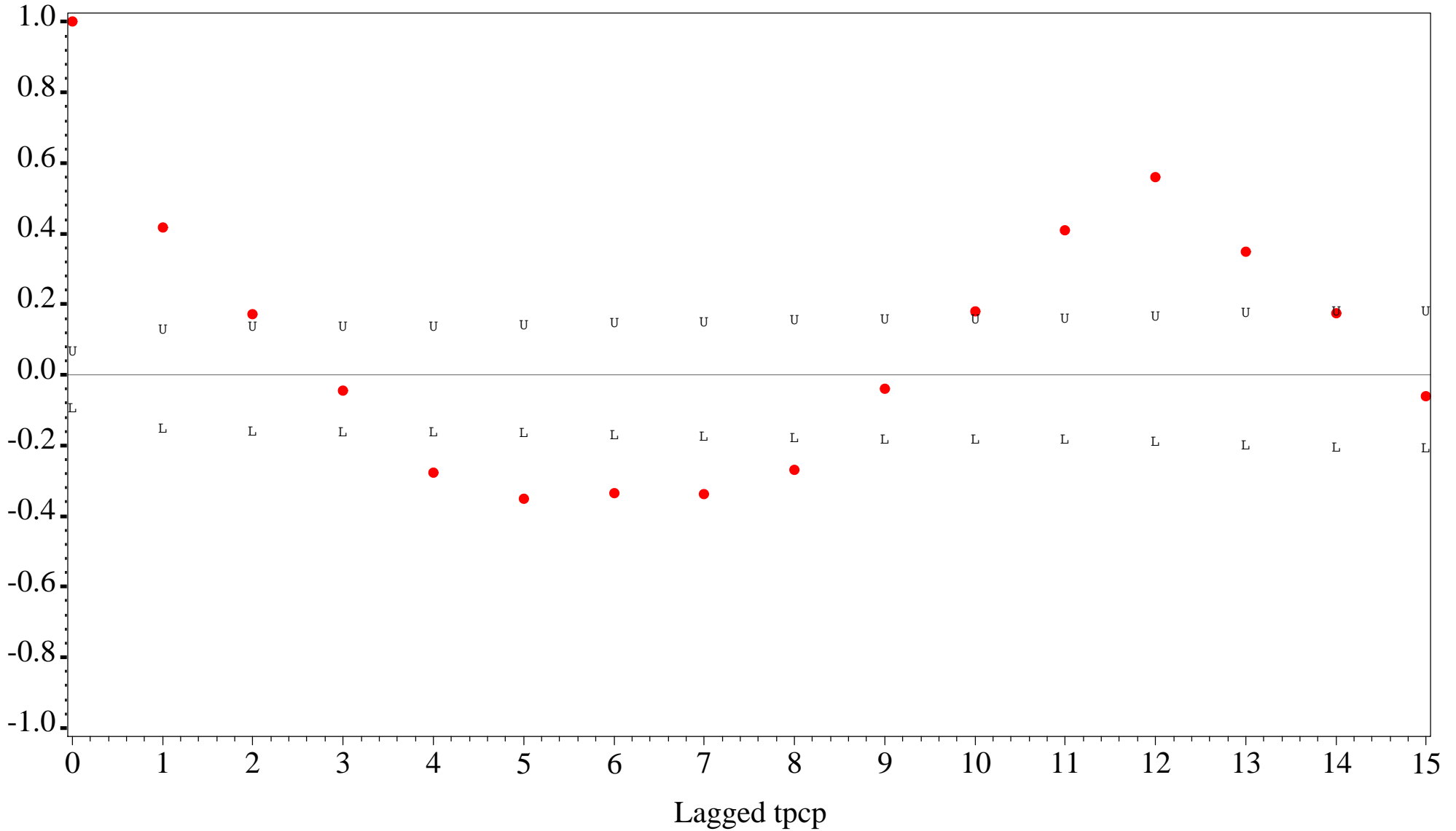
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.417	0.070	0.140	-0.140
2	0.173	0.074	0.148	-0.148
3	-0.044	0.075	0.149	-0.149
4	-0.278	0.075	0.149	-0.149
5	-0.352	0.076	0.153	-0.153
6	-0.336	0.079	0.158	-0.158
7	-0.337	0.081	0.162	-0.162
8	-0.269	0.083	0.167	-0.167
9	-0.040	0.085	0.170	-0.170
10	0.180	0.085	0.170	-0.170
11	0.409	0.086	0.171	-0.171
12	0.559	0.089	0.177	-0.177
13	0.348	0.094	0.188	-0.188
14	0.175	0.096	0.193	-0.193
15	-0.060	0.097	0.194	-0.194

Shell Creek Trends Appendix - Display 193

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Shell Creek Trends Appendix - Display 194

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.005	0.868	0.87	.001

Shell Creek Trends Appendix - Display 195

Seasonal Kendall Tau Trend Test Statistics

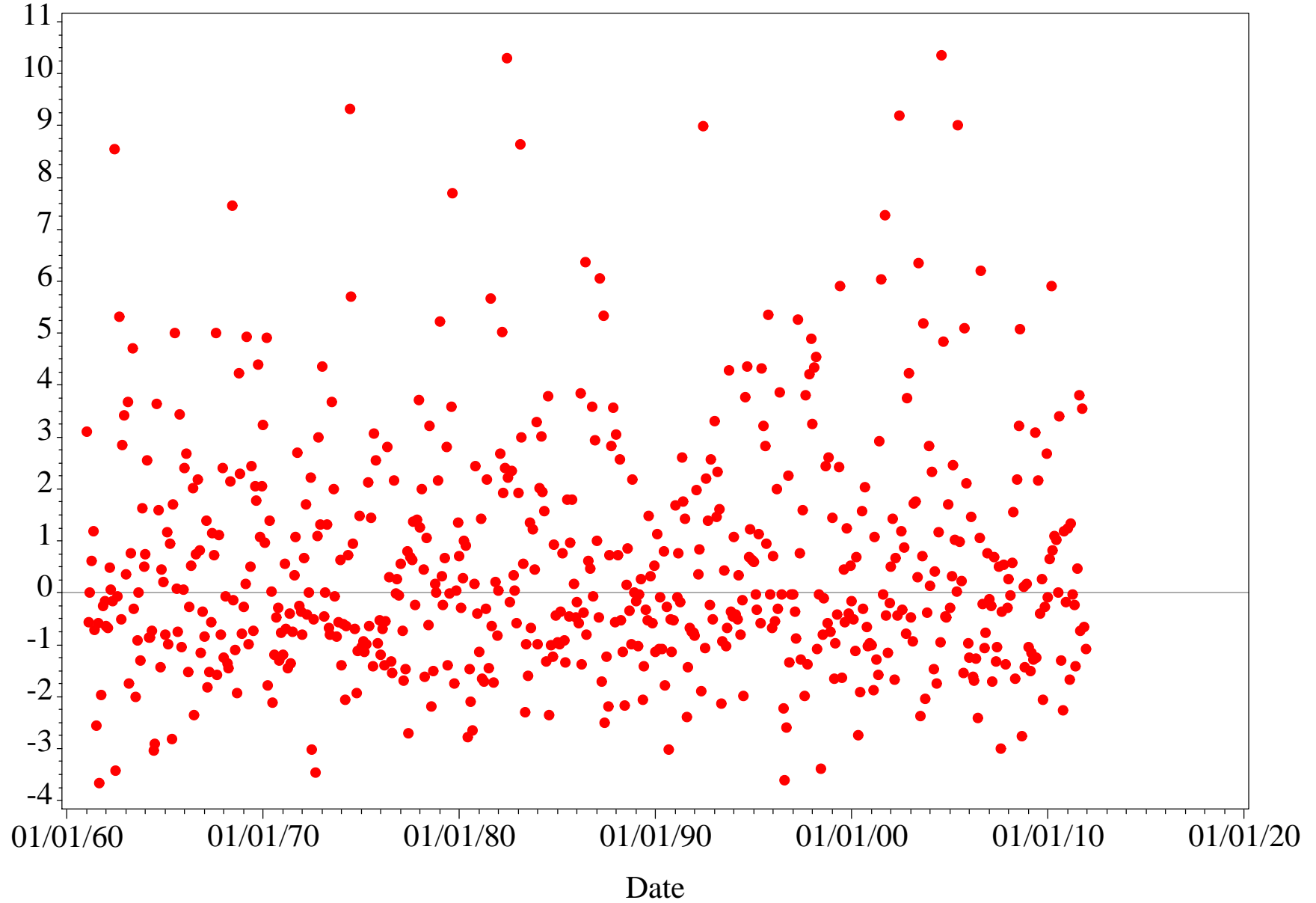
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
.00470588	0.86779	0.86989	.000769047

Shell Creek Trends Appendix - Display 196

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Shell Creek Trends Appendix - Display 197

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

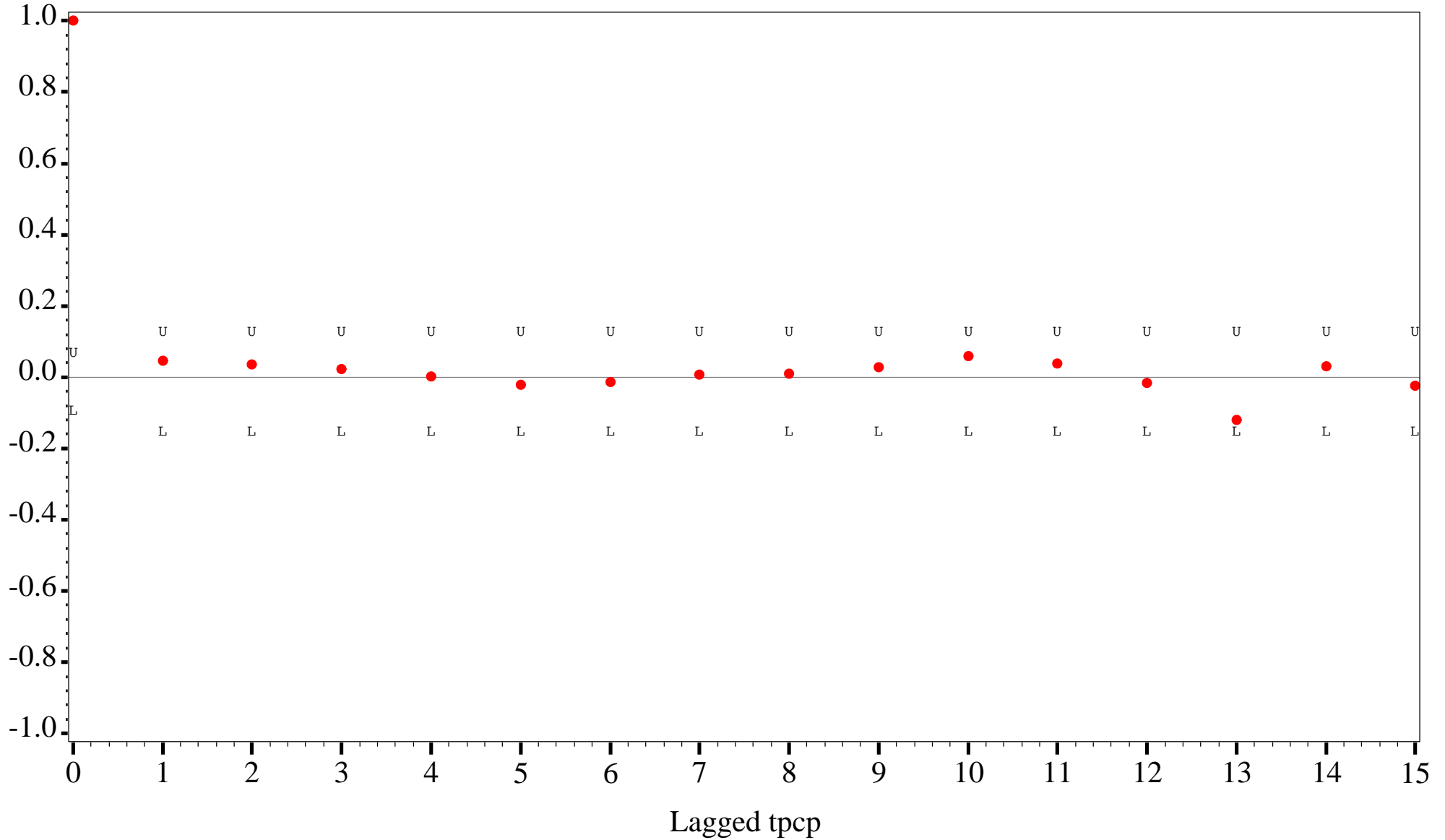
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.045	0.070	0.140	-0.140
2	0.036	0.070	0.140	-0.140
3	0.023	0.070	0.140	-0.140
4	0.003	0.070	0.140	-0.140
5	-0.020	0.070	0.140	-0.140
6	-0.014	0.070	0.140	-0.140
7	0.006	0.070	0.140	-0.140
8	0.011	0.070	0.140	-0.140
9	0.029	0.070	0.140	-0.140
10	0.060	0.070	0.140	-0.140
11	0.039	0.070	0.140	-0.140
12	-0.015	0.070	0.141	-0.141
13	-0.119	0.070	0.141	-0.141
14	0.031	0.071	0.141	-0.141
15	-0.023	0.071	0.141	-0.141

Shell Creek Trends Appendix - Display 198

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



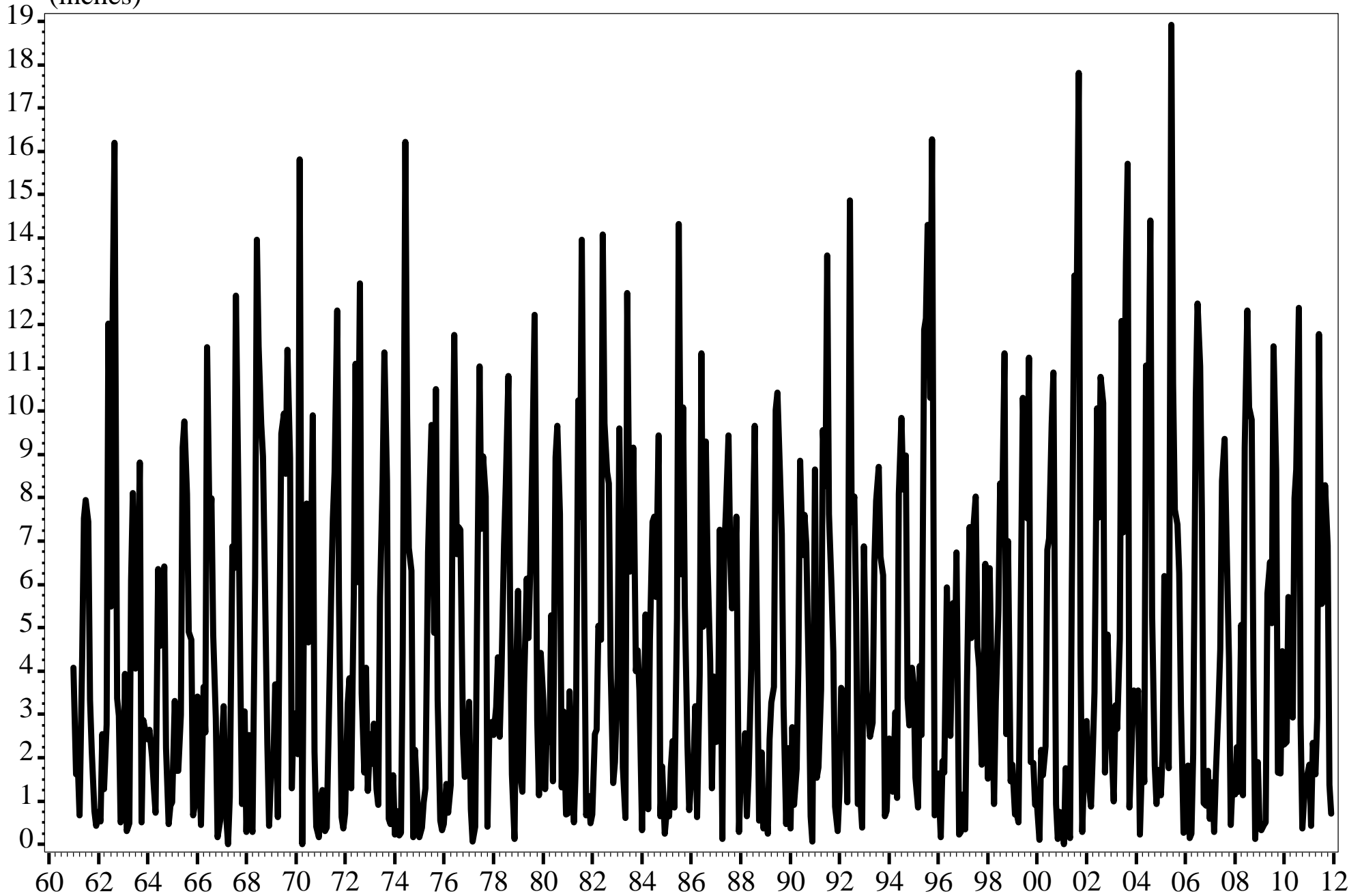
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Spring Creek Trends Appendix - Display 199

Monthly Data Time Series

Adjusted for Seasonal Medians

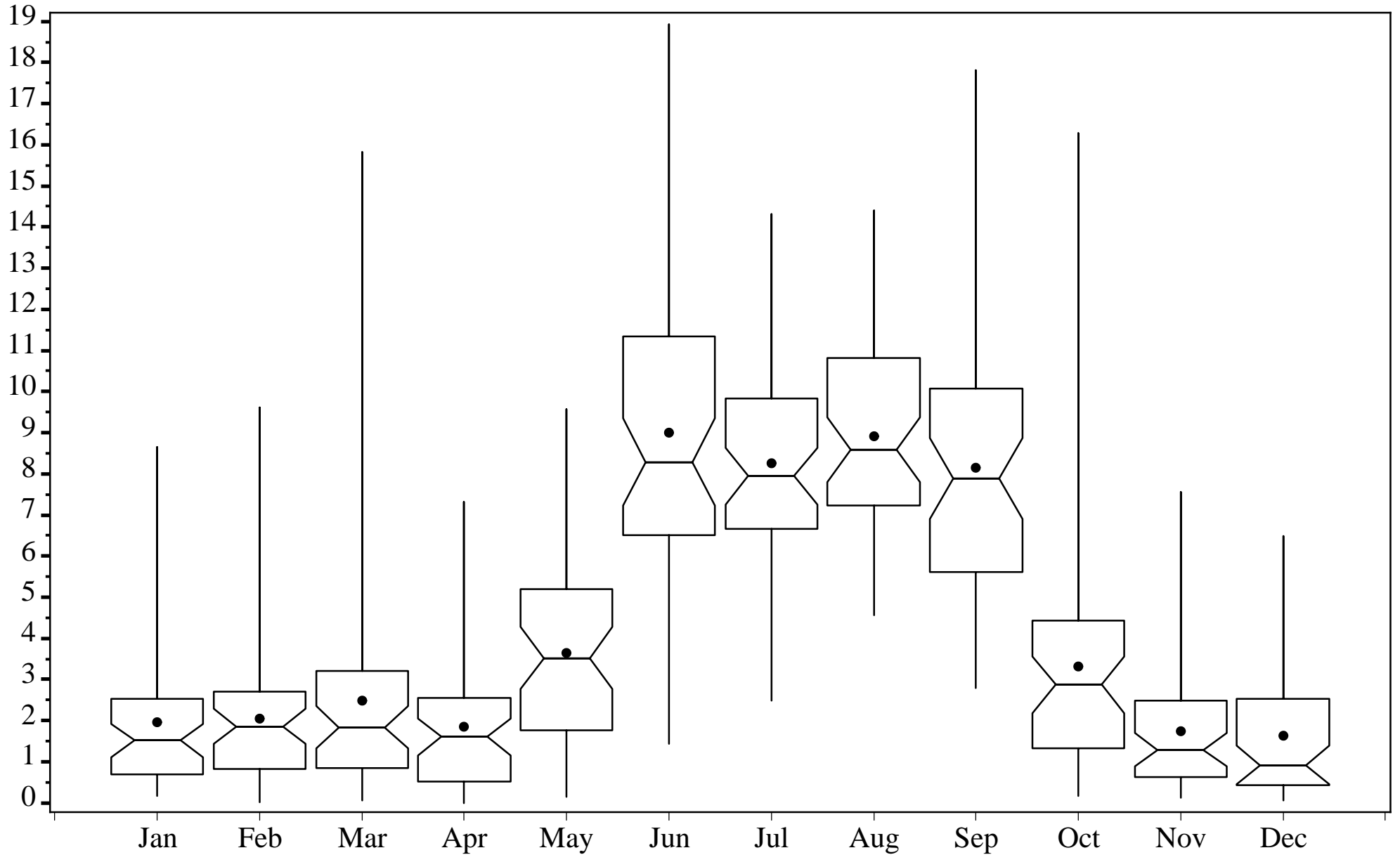
Total Precipitation
(inches)



Spring Creek Trends Appendix - Display 200

Seasonal Univariate Statistics

Total Precipitation
(inches)



Spring Creek Trends Appendix - Display 201

Autocorrelation Statistics

Unadjusted for Seasonal Medians

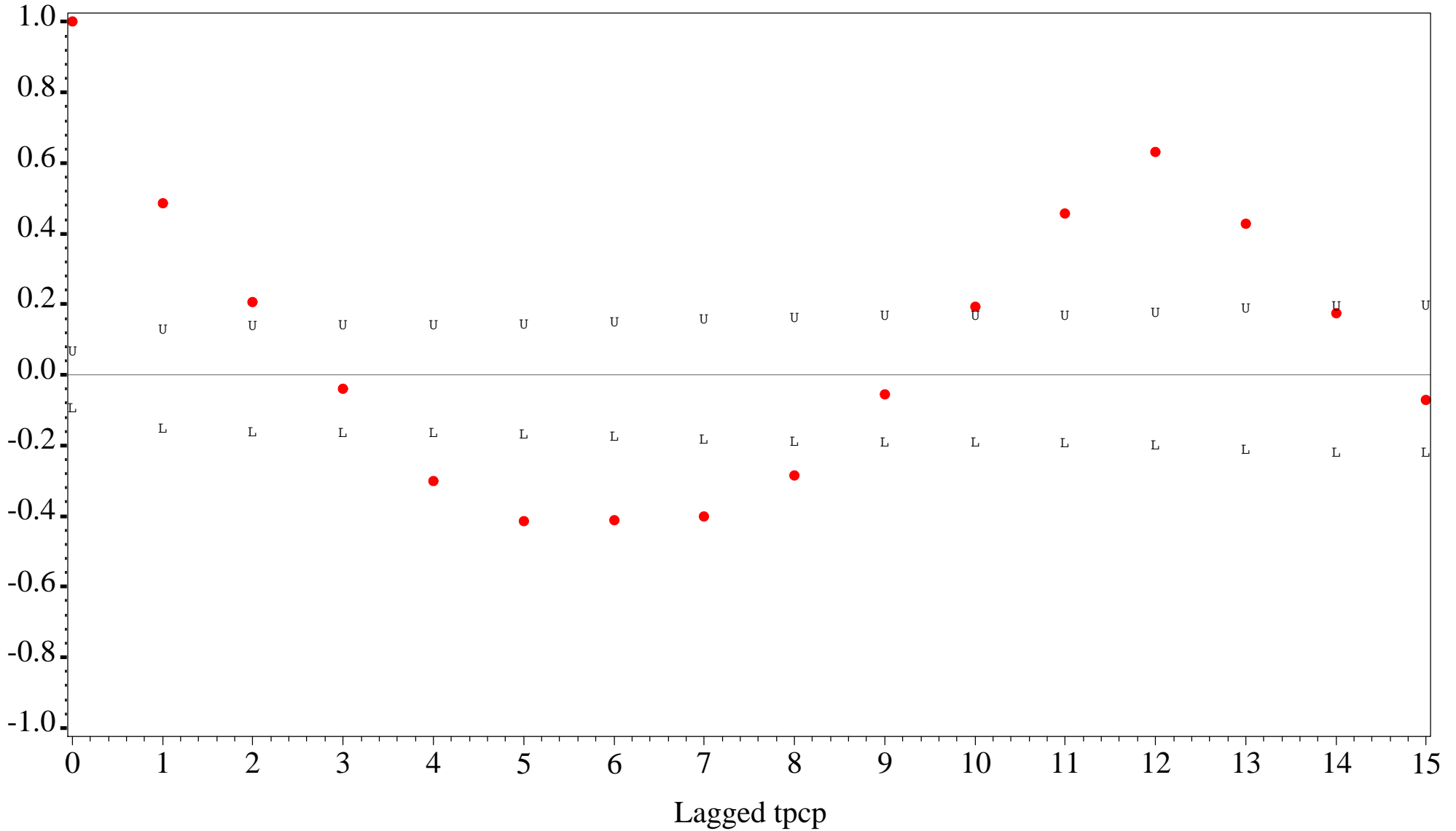
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.487	0.070	0.140	-0.140
2	0.207	0.075	0.151	-0.151
3	-0.039	0.076	0.153	-0.153
4	-0.300	0.076	0.153	-0.153
5	-0.414	0.078	0.156	-0.156
6	-0.412	0.082	0.163	-0.163
7	-0.400	0.085	0.170	-0.170
8	-0.285	0.088	0.176	-0.176
9	-0.054	0.090	0.179	-0.179
10	0.194	0.090	0.179	-0.179
11	0.457	0.090	0.181	-0.181
12	0.631	0.094	0.188	-0.188
13	0.429	0.101	0.201	-0.201
14	0.176	0.104	0.207	-0.207
15	-0.070	0.104	0.208	-0.208

Spring Creek Trends Appendix - Display 202

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Spring Creek Trends Appendix - Display 203

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.035	0.205	0.262	.006

Spring Creek Trends Appendix - Display 204

Seasonal Kendall Tau Trend Test Statistics

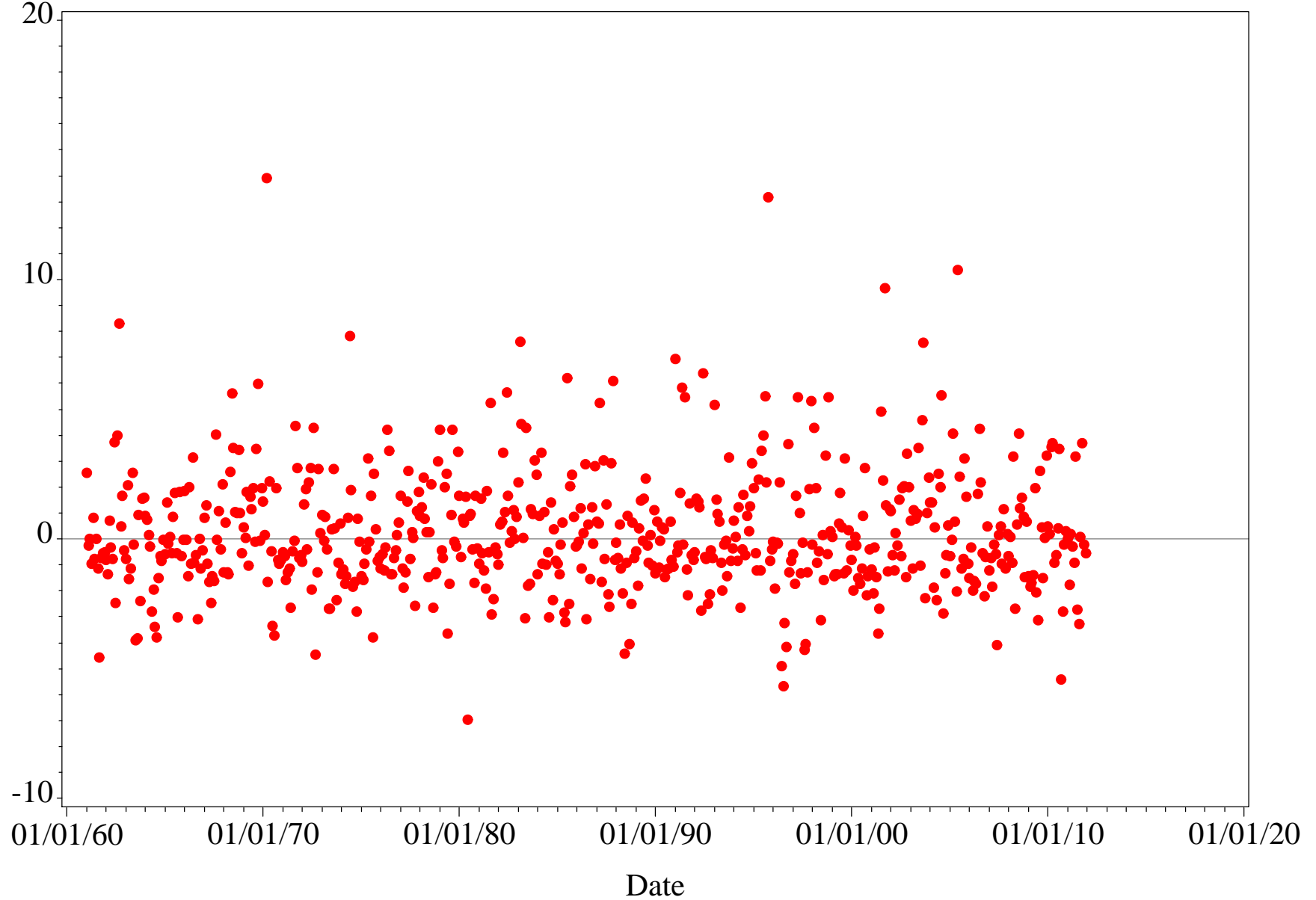
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.035490	0.20379	0.26031	.00621766

Spring Creek Trends Appendix - Display 205

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Spring Creek Trends Appendix - Display 206

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

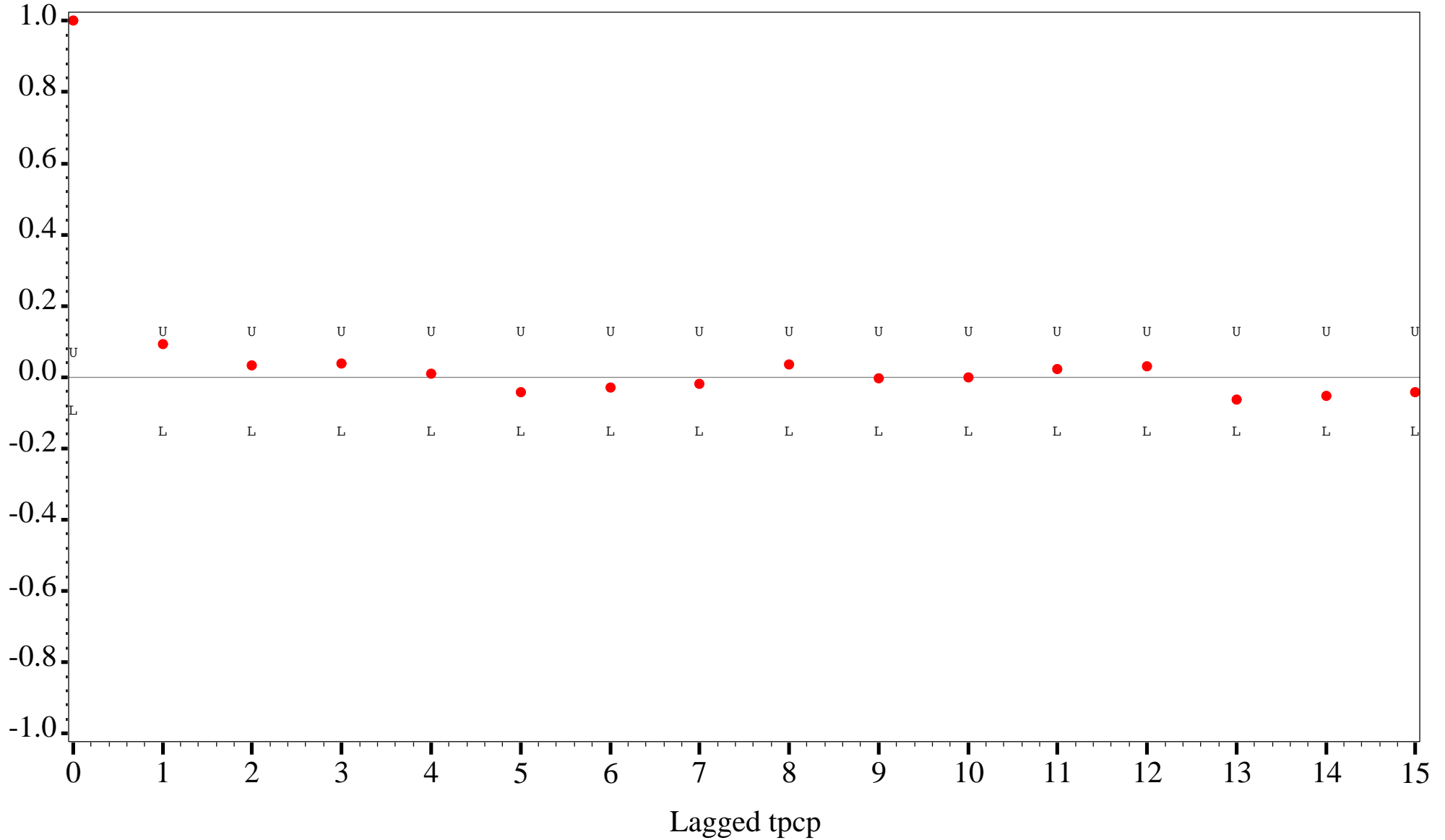
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.093	0.070	0.140	-0.140
2	0.033	0.070	0.140	-0.140
3	0.039	0.070	0.140	-0.140
4	0.010	0.070	0.141	-0.141
5	-0.042	0.070	0.141	-0.141
6	-0.029	0.070	0.141	-0.141
7	-0.019	0.070	0.141	-0.141
8	0.037	0.070	0.141	-0.141
9	-0.004	0.070	0.141	-0.141
10	-0.001	0.070	0.141	-0.141
11	0.022	0.070	0.141	-0.141
12	0.031	0.070	0.141	-0.141
13	-0.064	0.070	0.141	-0.141
14	-0.053	0.071	0.141	-0.141
15	-0.042	0.071	0.141	-0.141

Spring Creek Trends Appendix - Display 207

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



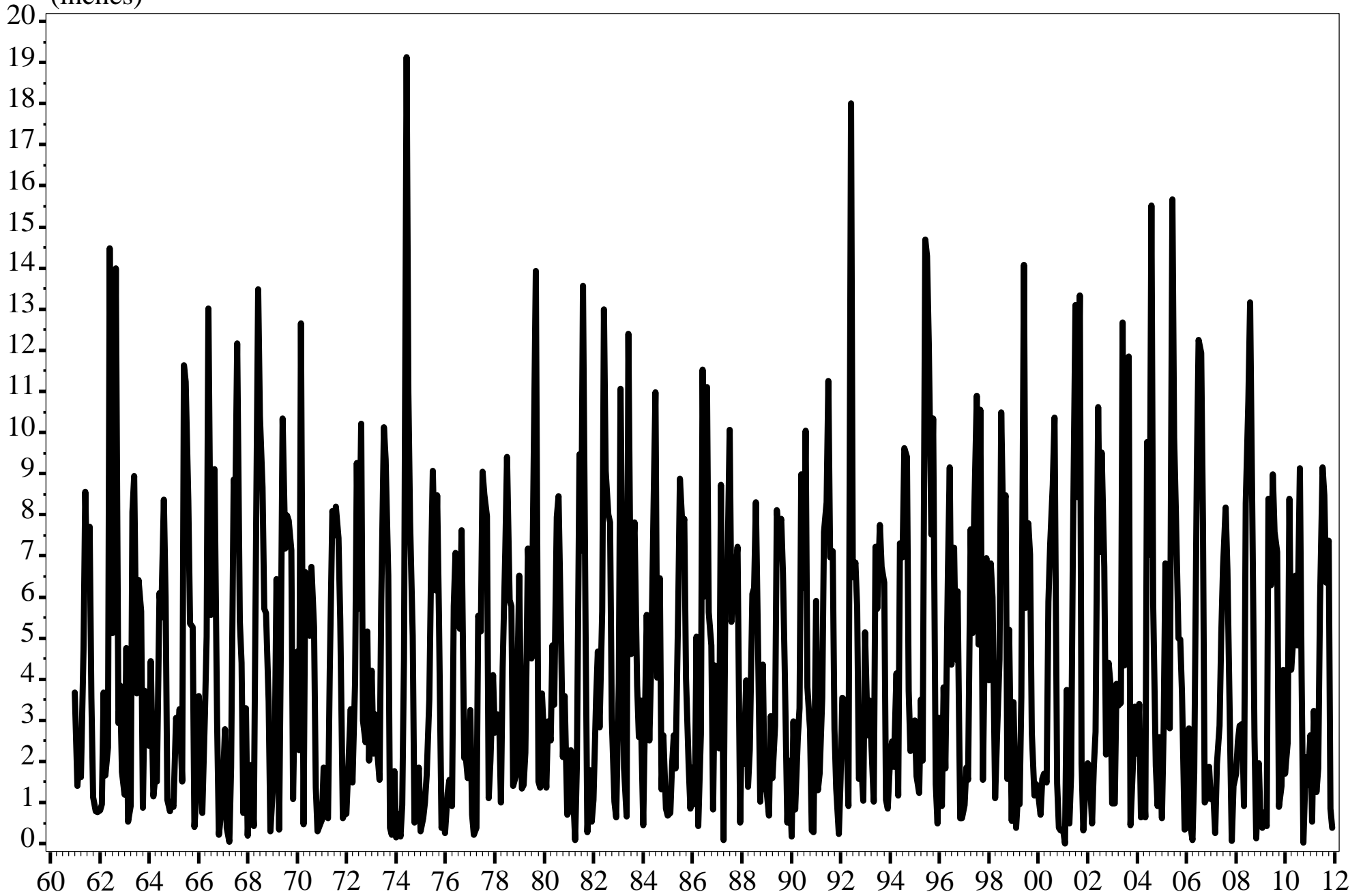
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Telegraph Swamp Trends Appendix - Display 208

Monthly Data Time Series

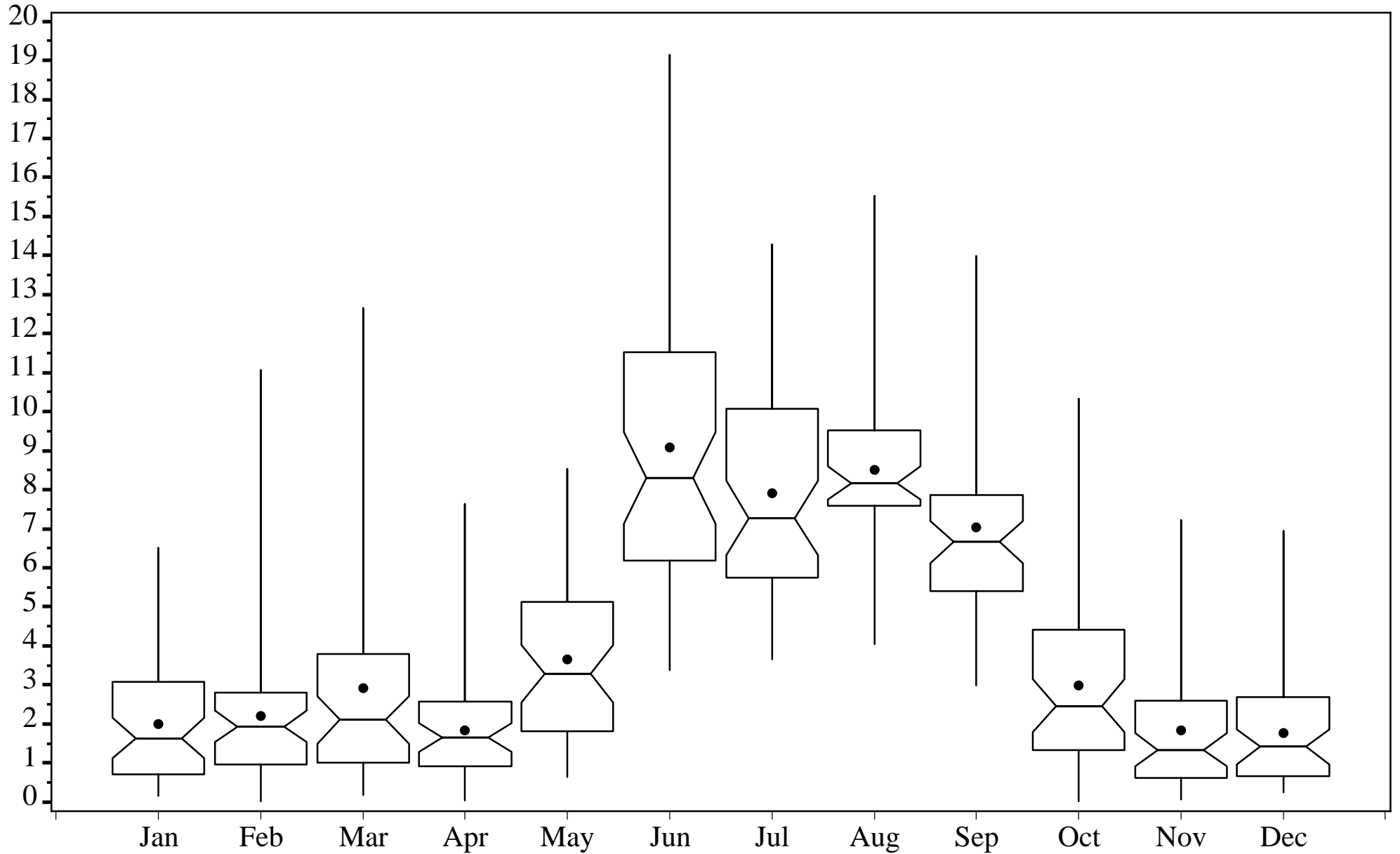
Total Precipitation
(inches)

Adjusted for Seasonal Medians



Seasonal Univariate Statistics

Total Precipitation
(inches)



Telegraph Swamp Trends Appendix - Display 210

Autocorrelation Statistics

Unadjusted for Seasonal Medians

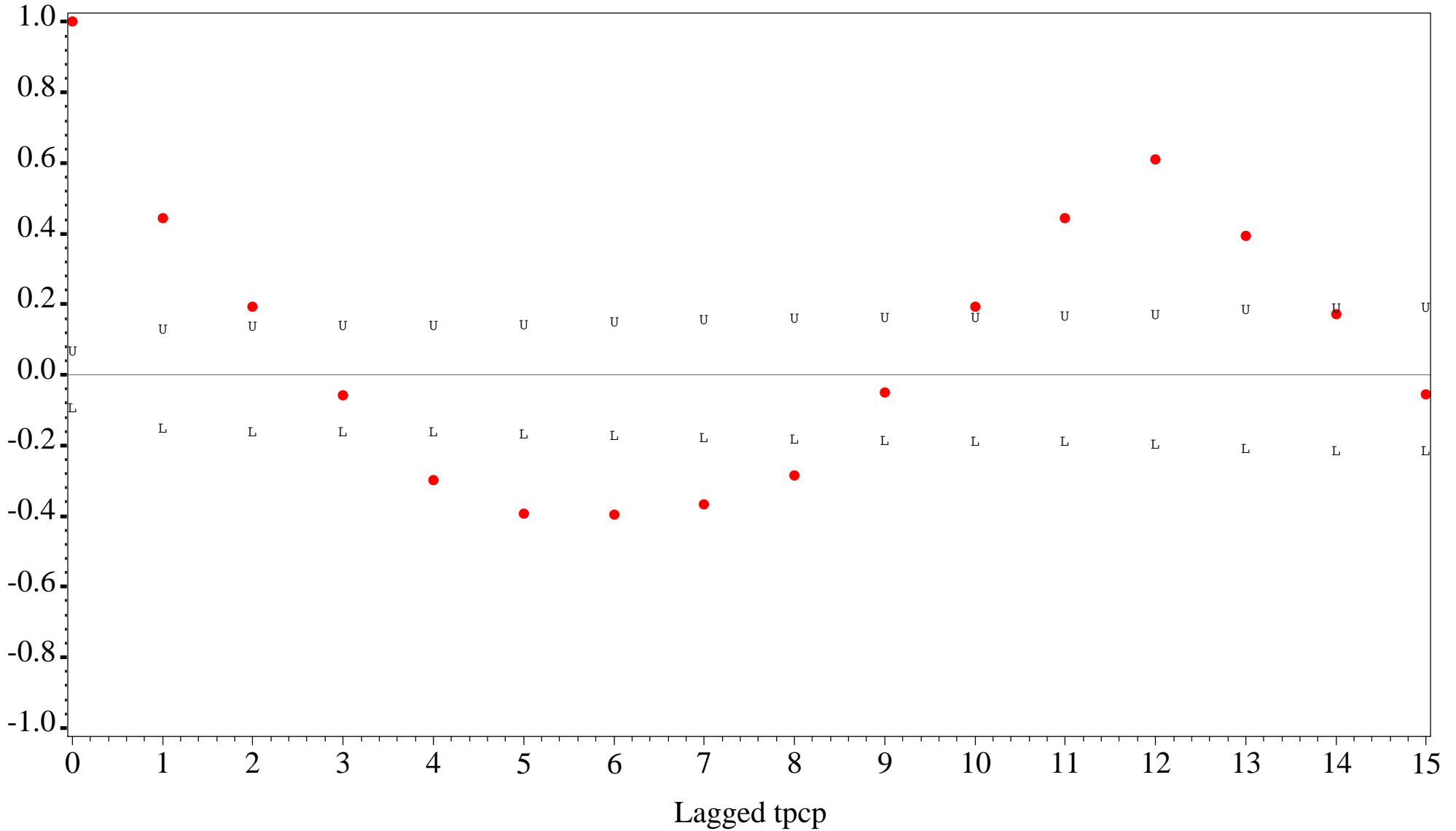
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.443	0.070	0.140	-0.140
2	0.194	0.074	0.149	-0.149
3	-0.059	0.075	0.151	-0.151
4	-0.297	0.075	0.151	-0.151
5	-0.393	0.077	0.154	-0.154
6	-0.395	0.080	0.161	-0.161
7	-0.368	0.084	0.167	-0.167
8	-0.286	0.086	0.172	-0.172
9	-0.050	0.088	0.175	-0.175
10	0.193	0.088	0.176	-0.176
11	0.445	0.088	0.177	-0.177
12	0.610	0.092	0.184	-0.184
13	0.394	0.098	0.197	-0.197
14	0.172	0.101	0.202	-0.202
15	-0.054	0.101	0.203	-0.203

Telegraph Swamp Trends Appendix - Display 211

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Telegraph Swamp Trends Appendix - Display 212

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.017	0.545	0.526	.002

Telegraph Swamp Trends Appendix - Display 213

Seasonal Kendall Tau Trend Test Statistics

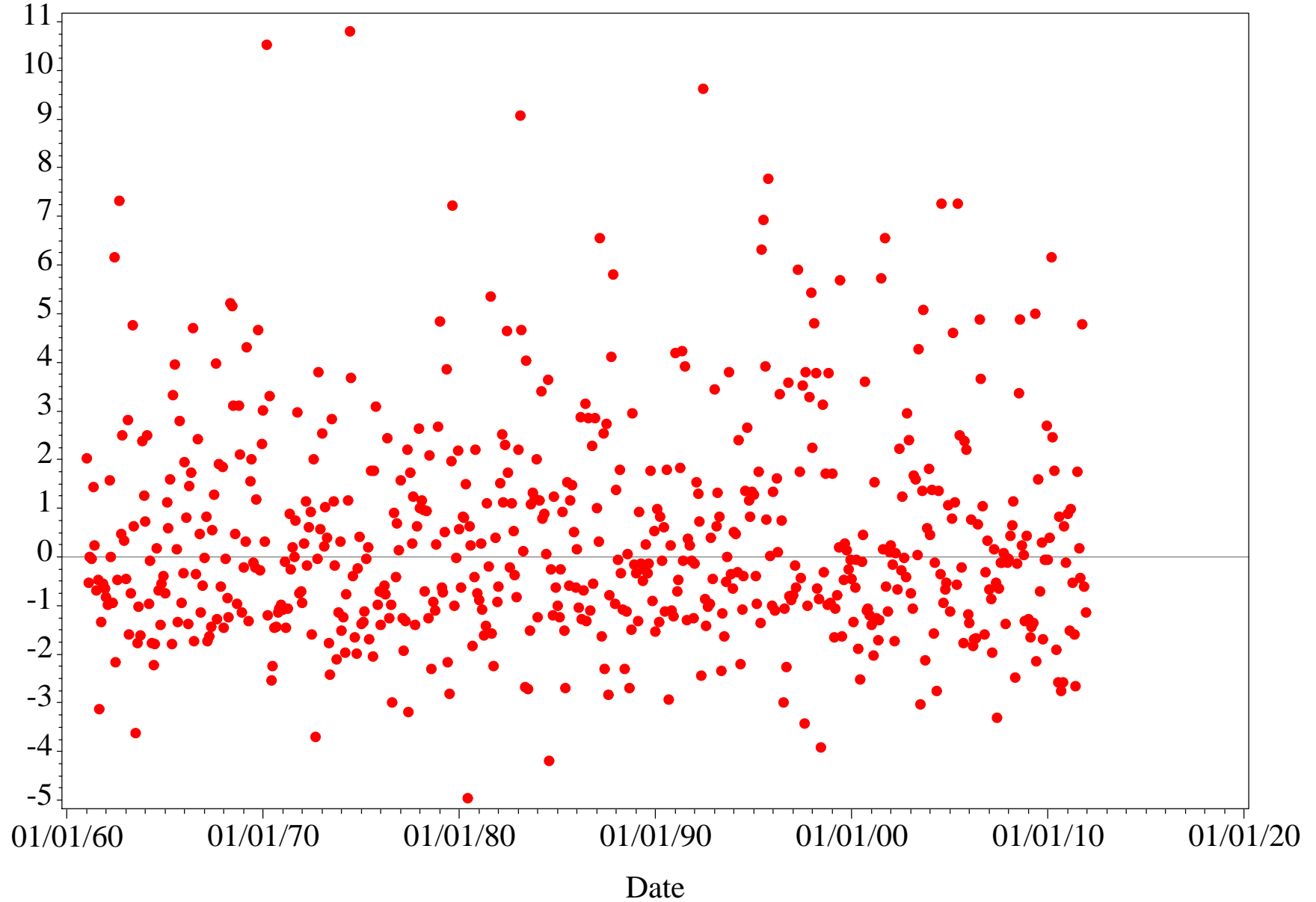
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.016928	0.54523	0.52614	.00238871

Telegraph Swamp Trends Appendix - Display 214

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Telegraph Swamp Trends Appendix - Display 215

Autocorrelation Statistics

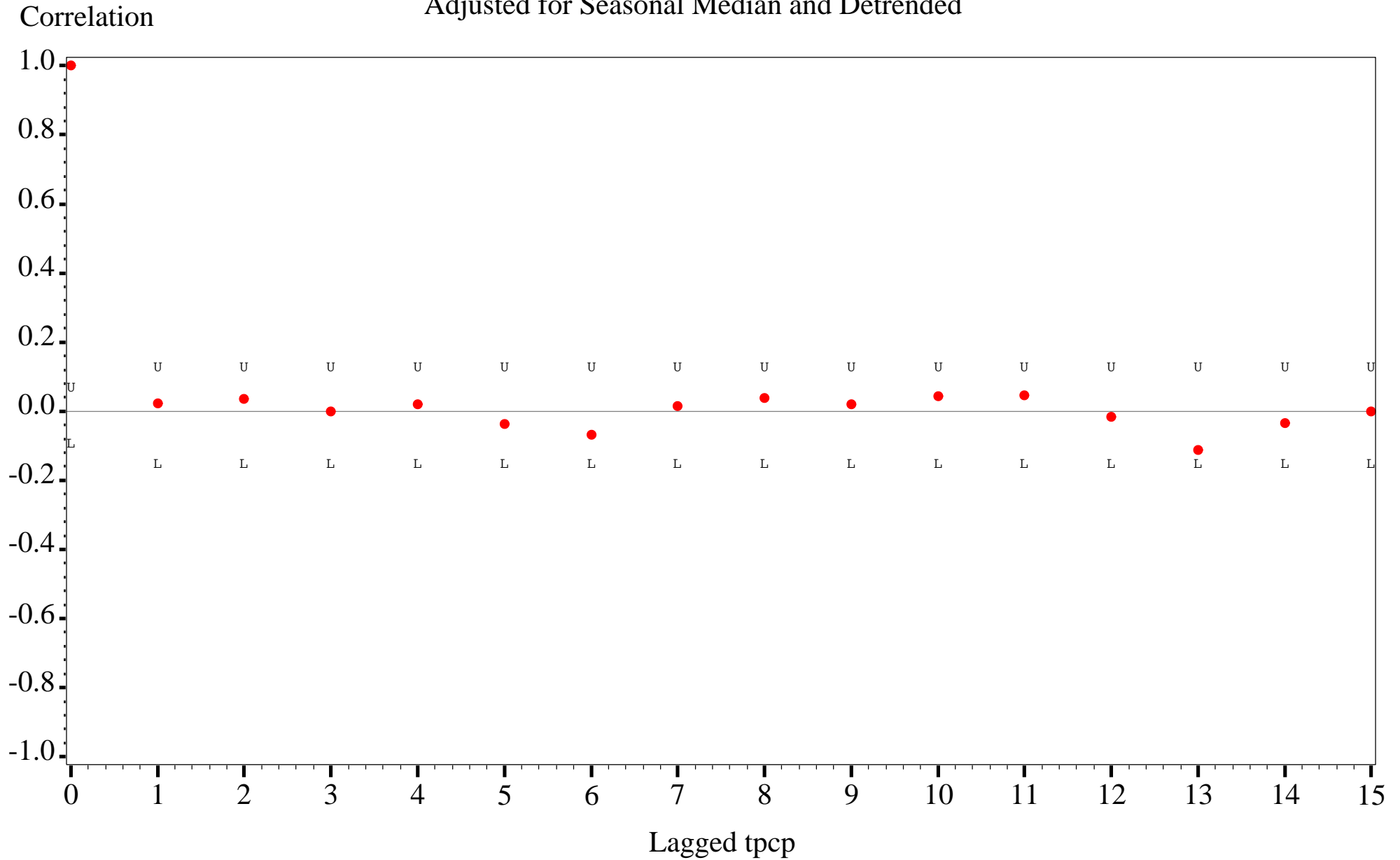
Adjusted for Seasonal Median and Detrended

Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.023	0.070	0.140	-0.140
2	0.036	0.070	0.140	-0.140
3	0.000	0.070	0.140	-0.140
4	0.020	0.070	0.140	-0.140
5	-0.038	0.070	0.140	-0.140
6	-0.069	0.070	0.140	-0.140
7	0.015	0.070	0.140	-0.140
8	0.038	0.070	0.140	-0.140
9	0.020	0.070	0.140	-0.140
10	0.043	0.070	0.141	-0.141
11	0.047	0.070	0.141	-0.141
12	-0.016	0.070	0.141	-0.141
13	-0.112	0.070	0.141	-0.141
14	-0.033	0.071	0.141	-0.141
15	0.000	0.071	0.141	-0.141

Telegraph Swamp Trends Appendix - Display 216

Correlogram

Adjusted for Seasonal Median and Detrended



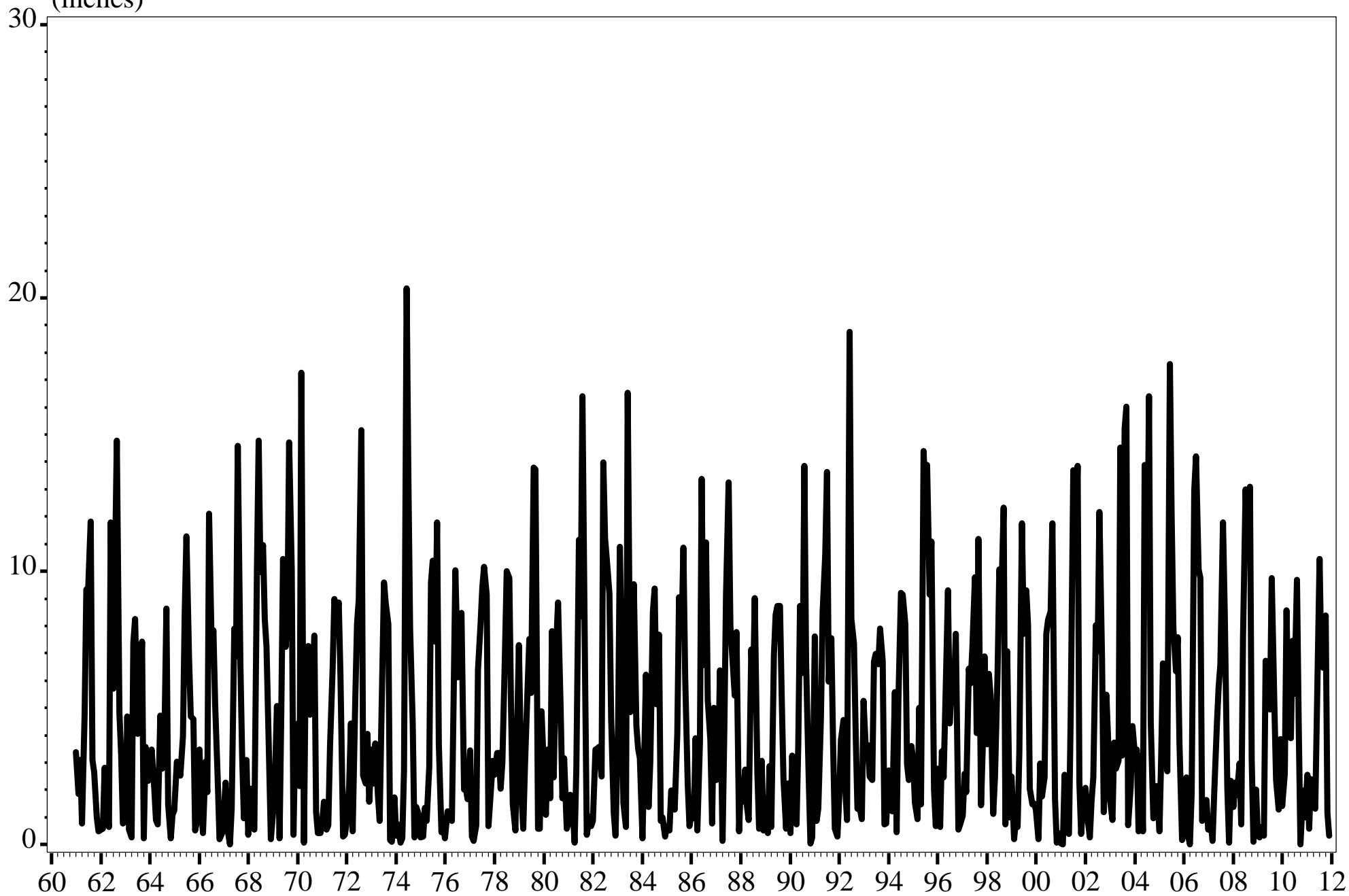
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Tidal Caloosahatchee Trends Appendix - Display 217

Monthly Data Time Series

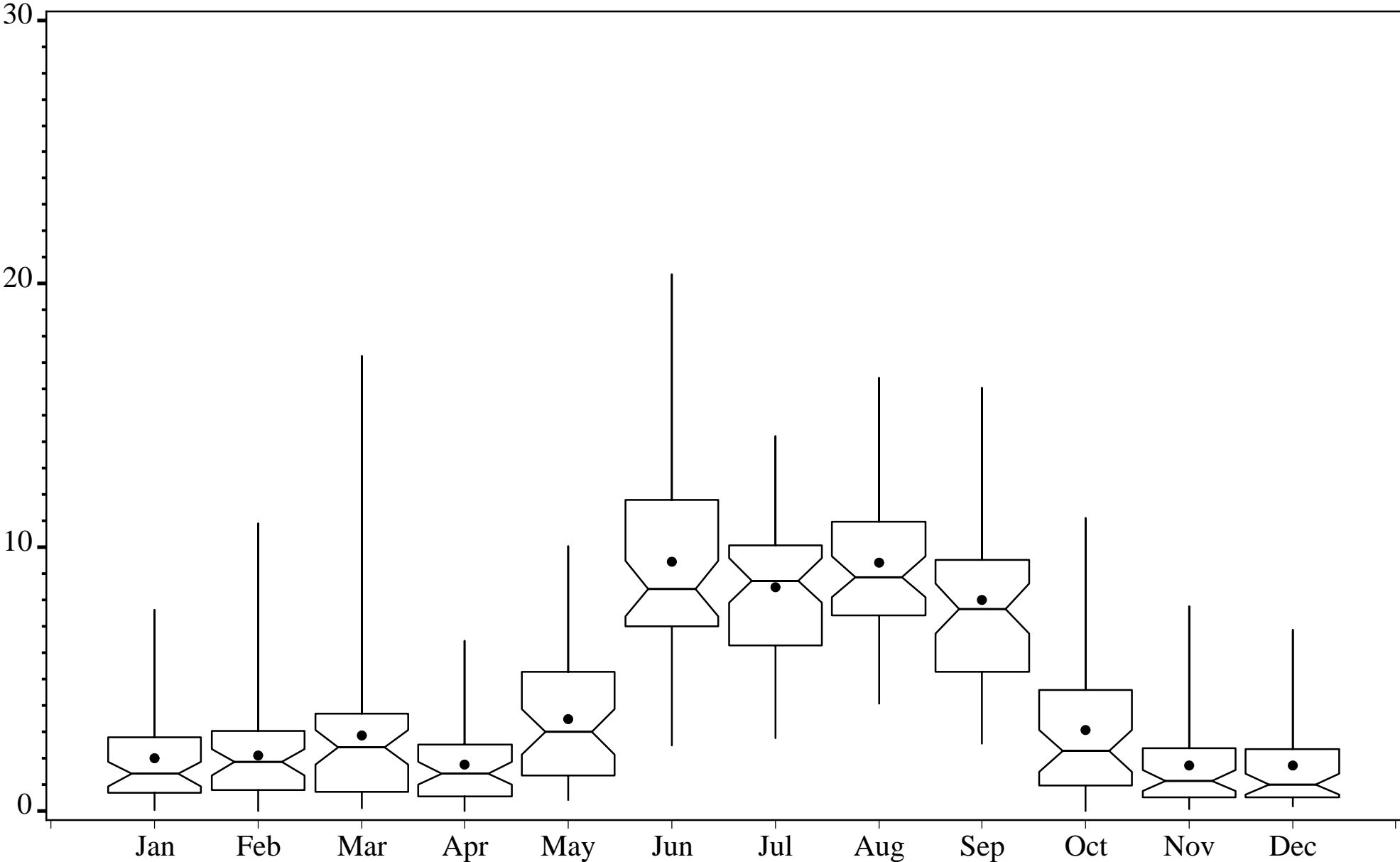
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Tidal Caloosahatchee Trends Appendix - Display 219

Autocorrelation Statistics

Unadjusted for Seasonal Medians

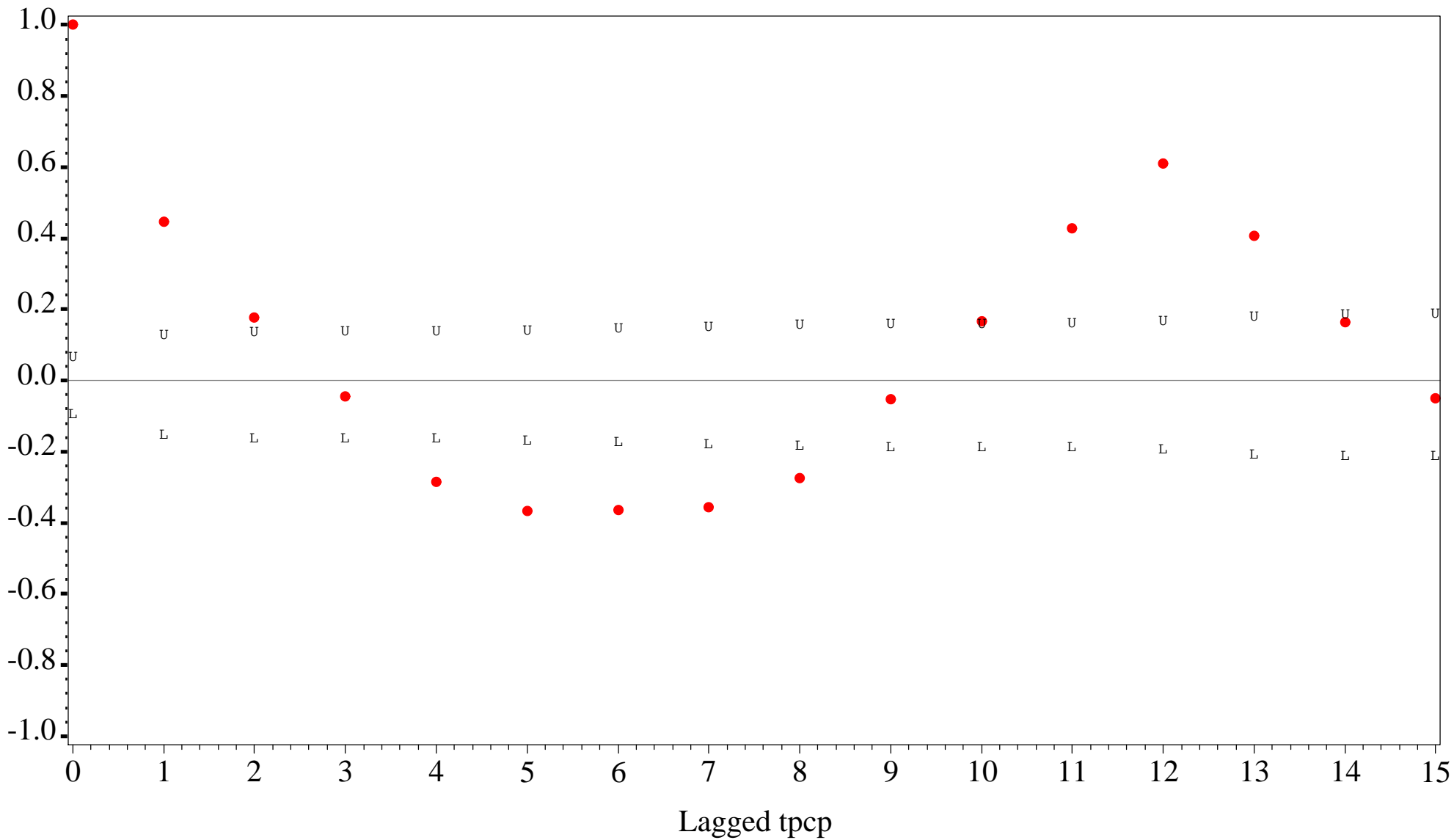
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.447	0.070	0.140	-0.140
2	0.178	0.075	0.149	-0.149
3	-0.045	0.075	0.150	-0.150
4	-0.286	0.075	0.151	-0.151
5	-0.367	0.077	0.154	-0.154
6	-0.363	0.080	0.160	-0.160
7	-0.357	0.082	0.165	-0.165
8	-0.273	0.085	0.170	-0.170
9	-0.053	0.086	0.173	-0.173
10	0.168	0.086	0.173	-0.173
11	0.428	0.087	0.174	-0.174
12	0.610	0.090	0.181	-0.181
13	0.406	0.097	0.194	-0.194
14	0.163	0.100	0.199	-0.199
15	-0.050	0.100	0.200	-0.200

Tidal Caloosahatchee Trends Appendix - Display 220

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Tidal Caloosahatchee Trends Appendix - Display 221

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.029	0.297	0.298	.005

Tidal Caloosahatchee Trends Appendix - Display 222

Seasonal Kendall Tau Trend Test Statistics

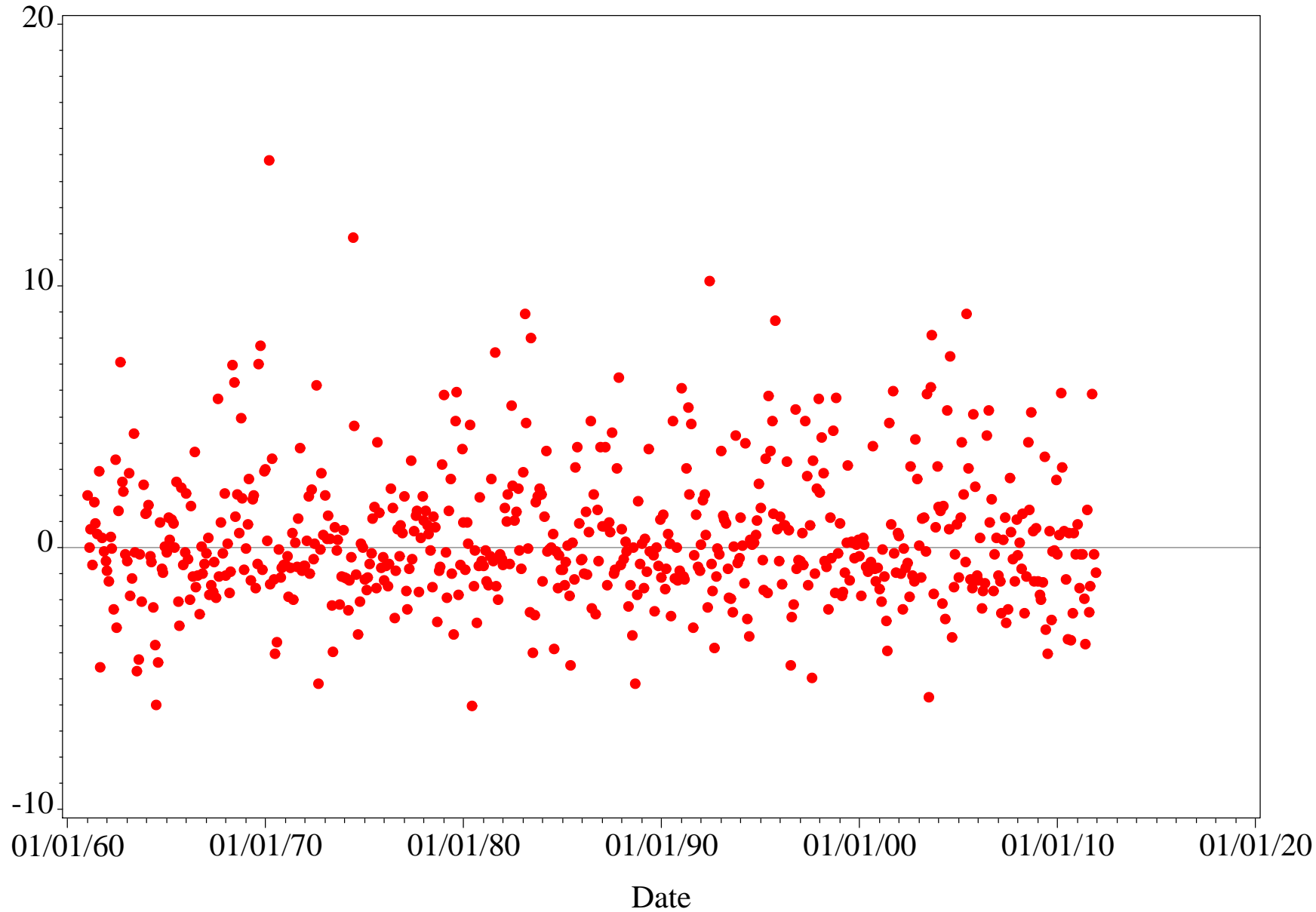
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.029216	0.29569	0.29714	.00512667

Tidal Caloosahatchee Trends Appendix - Display 223

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Tidal Caloosahatchee Trends Appendix - Display 224

Autocorrelation Statistics

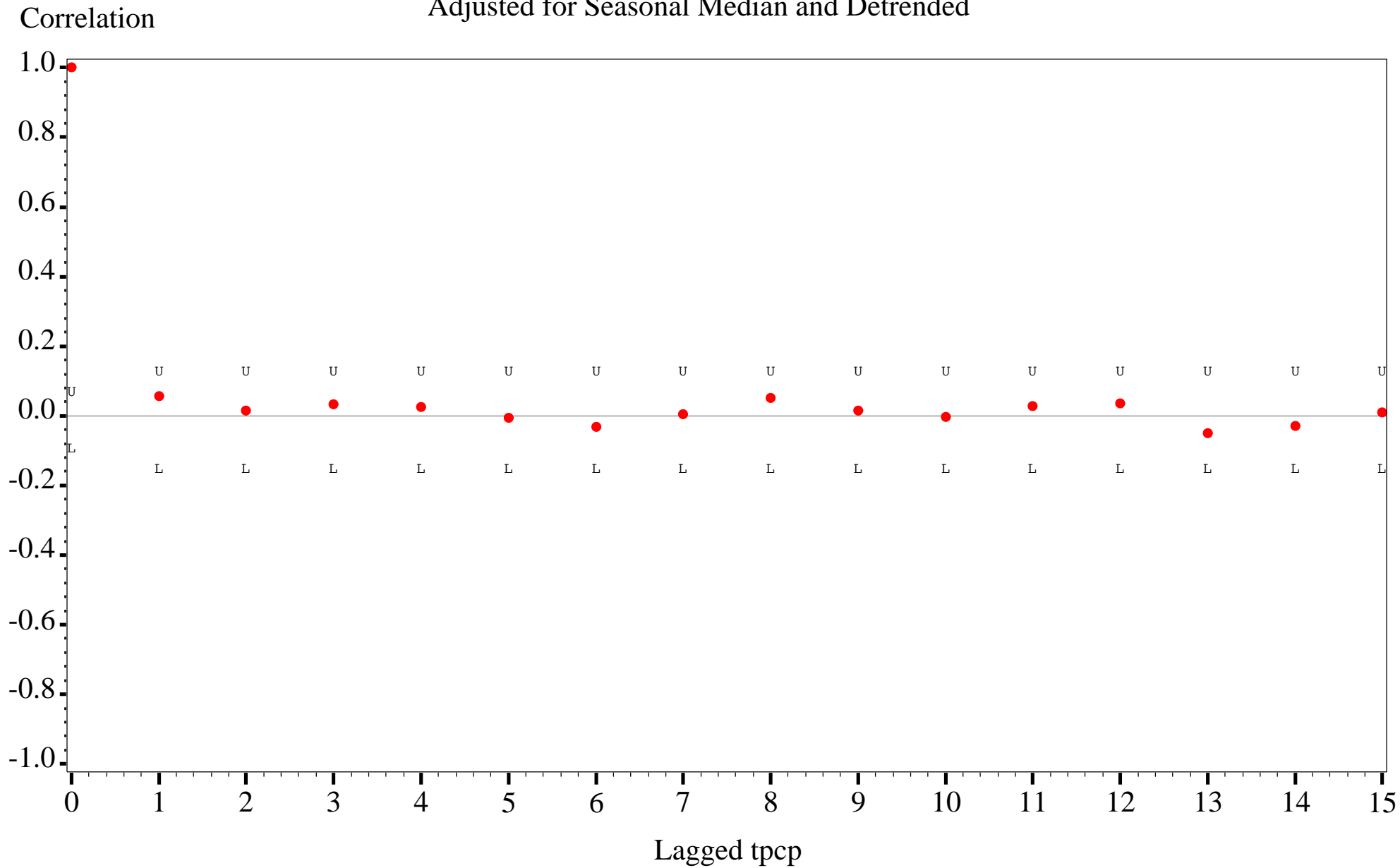
Adjusted for Seasonal Median and Detrended

Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.056	0.07	0.140	-0.140
2	0.015	0.07	0.140	-0.140
3	0.034	0.07	0.140	-0.140
4	0.026	0.07	0.140	-0.140
5	-0.006	0.07	0.140	-0.140
6	-0.032	0.07	0.140	-0.140
7	0.005	0.07	0.140	-0.140
8	0.052	0.07	0.140	-0.140
9	0.016	0.07	0.140	-0.140
10	-0.003	0.07	0.140	-0.140
11	0.028	0.07	0.140	-0.140
12	0.036	0.07	0.140	-0.140
13	-0.049	0.07	0.141	-0.141
14	-0.030	0.07	0.141	-0.141
15	0.010	0.07	0.141	-0.141

Tidal Caloosahatchee Trends Appendix - Display 225

Correlogram

Adjusted for Seasonal Median and Detrended



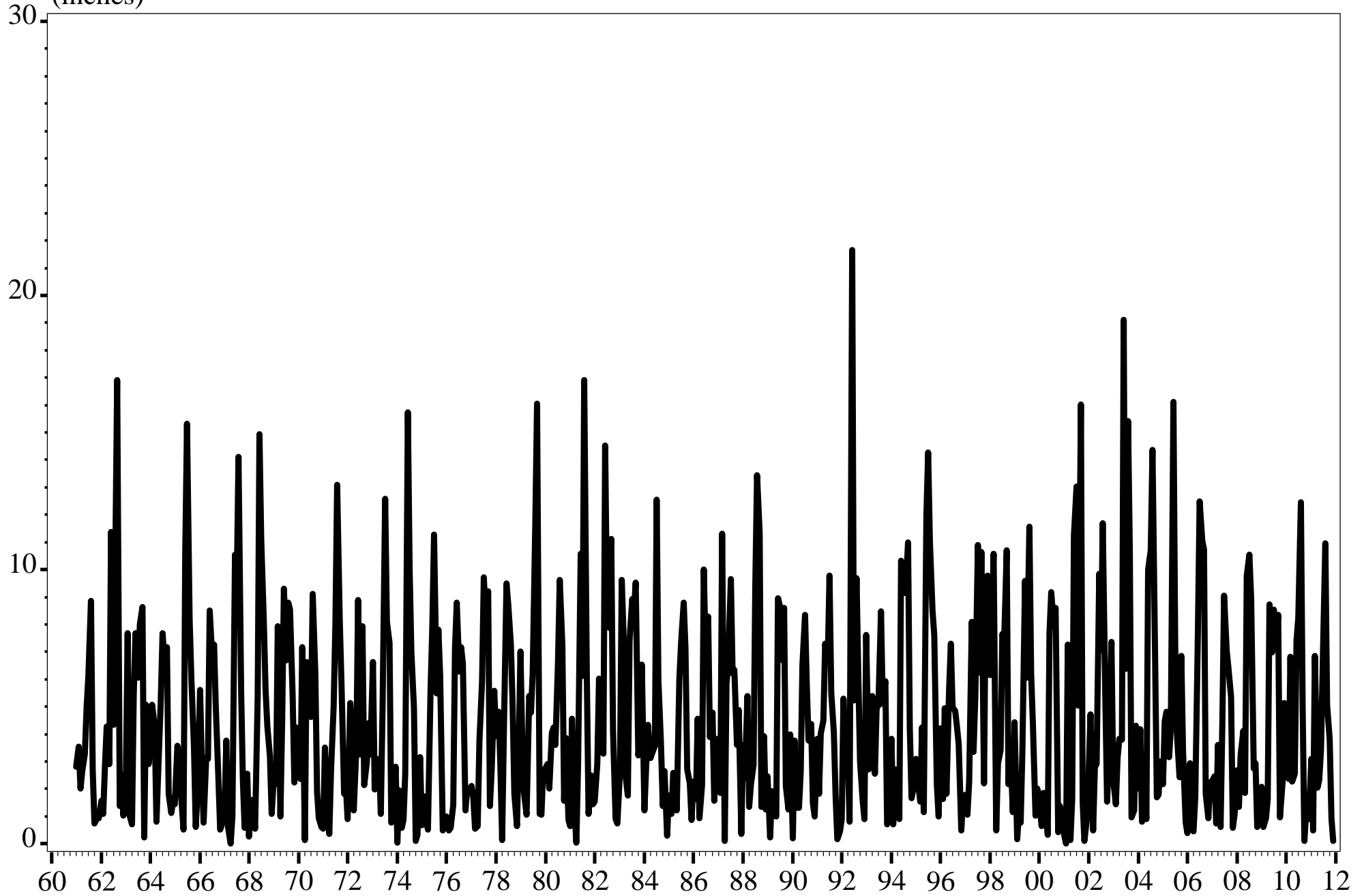
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Upper Myakka Trends Appendix - Display 226

Monthly Data Time Series

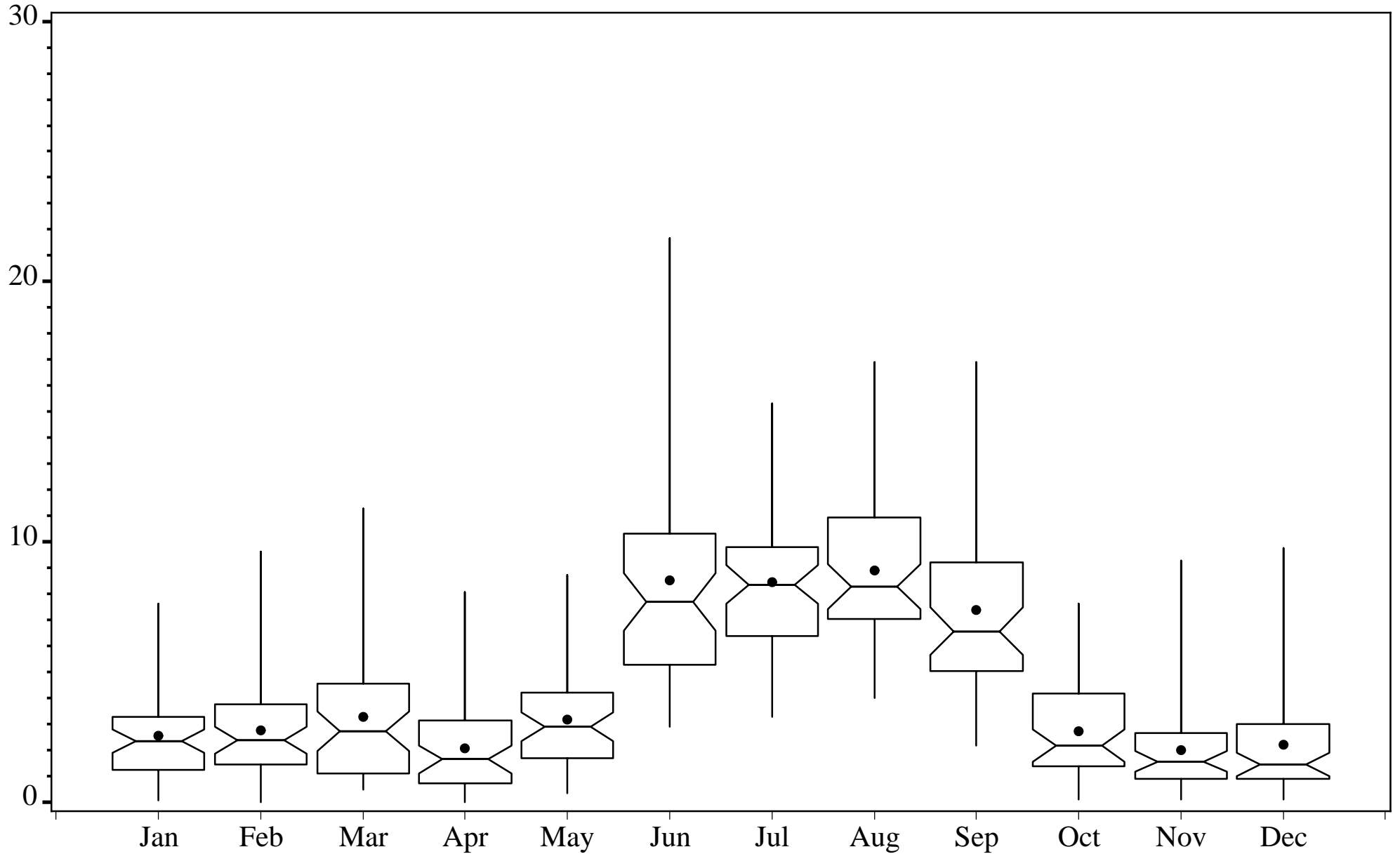
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Upper Myakka Trends Appendix - Display 228

Autocorrelation Statistics

Unadjusted for Seasonal Medians

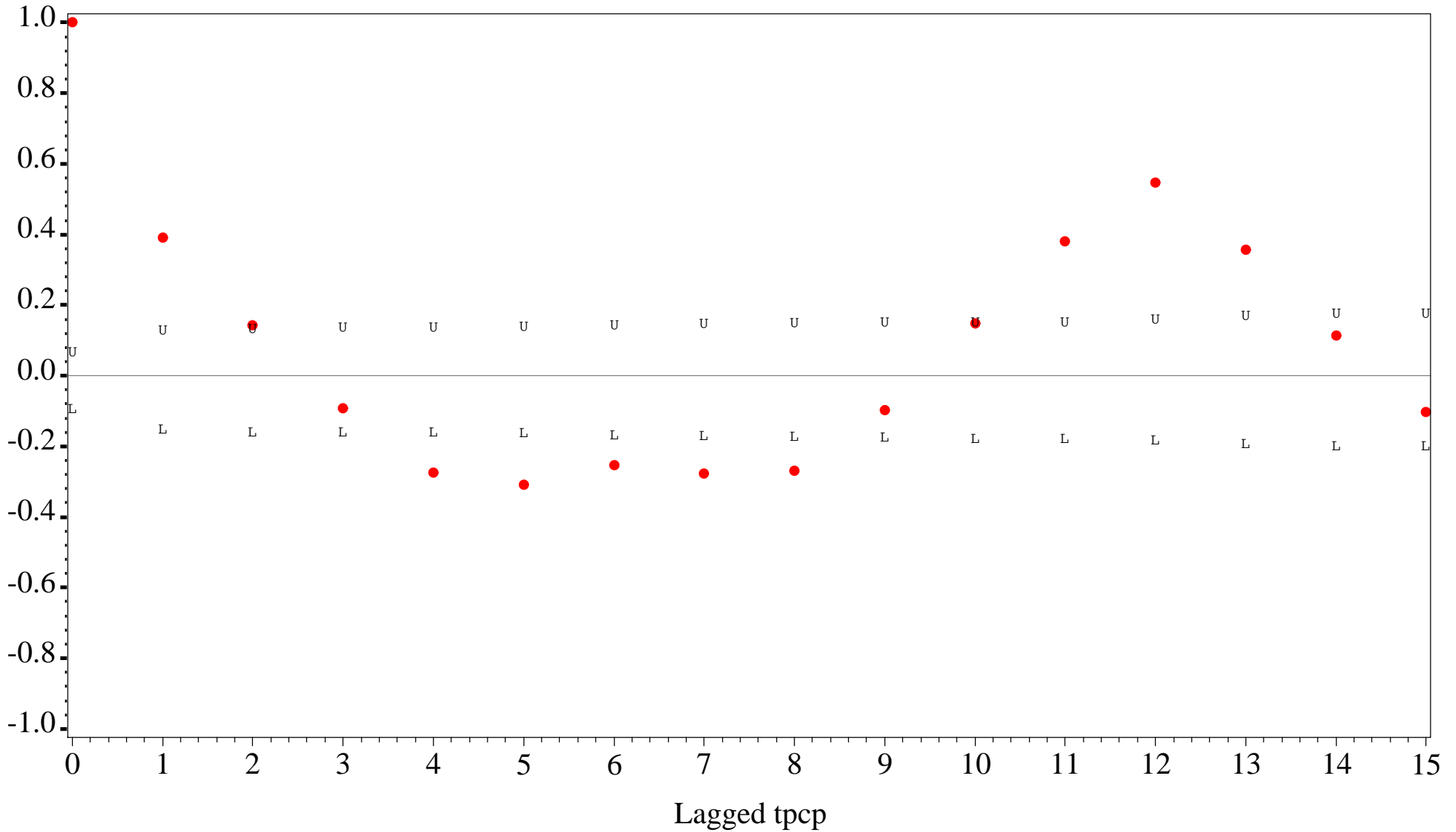
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.390	0.070	0.140	-0.140
2	0.143	0.073	0.147	-0.147
3	-0.091	0.074	0.148	-0.148
4	-0.273	0.074	0.148	-0.148
5	-0.308	0.076	0.151	-0.151
6	-0.252	0.078	0.156	-0.156
7	-0.278	0.079	0.158	-0.158
8	-0.268	0.081	0.161	-0.161
9	-0.098	0.082	0.164	-0.164
10	0.149	0.082	0.165	-0.165
11	0.381	0.083	0.165	-0.165
12	0.547	0.086	0.171	-0.171
13	0.356	0.091	0.182	-0.182
14	0.114	0.093	0.187	-0.187
15	-0.102	0.094	0.187	-0.187

Upper Myakka Trends Appendix - Display 229

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Upper Myakka Trends Appendix - Display 230

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.015	0.585	0.557	.002

Upper Myakka Trends Appendix - Display 231

Seasonal Kendall Tau Trend Test Statistics

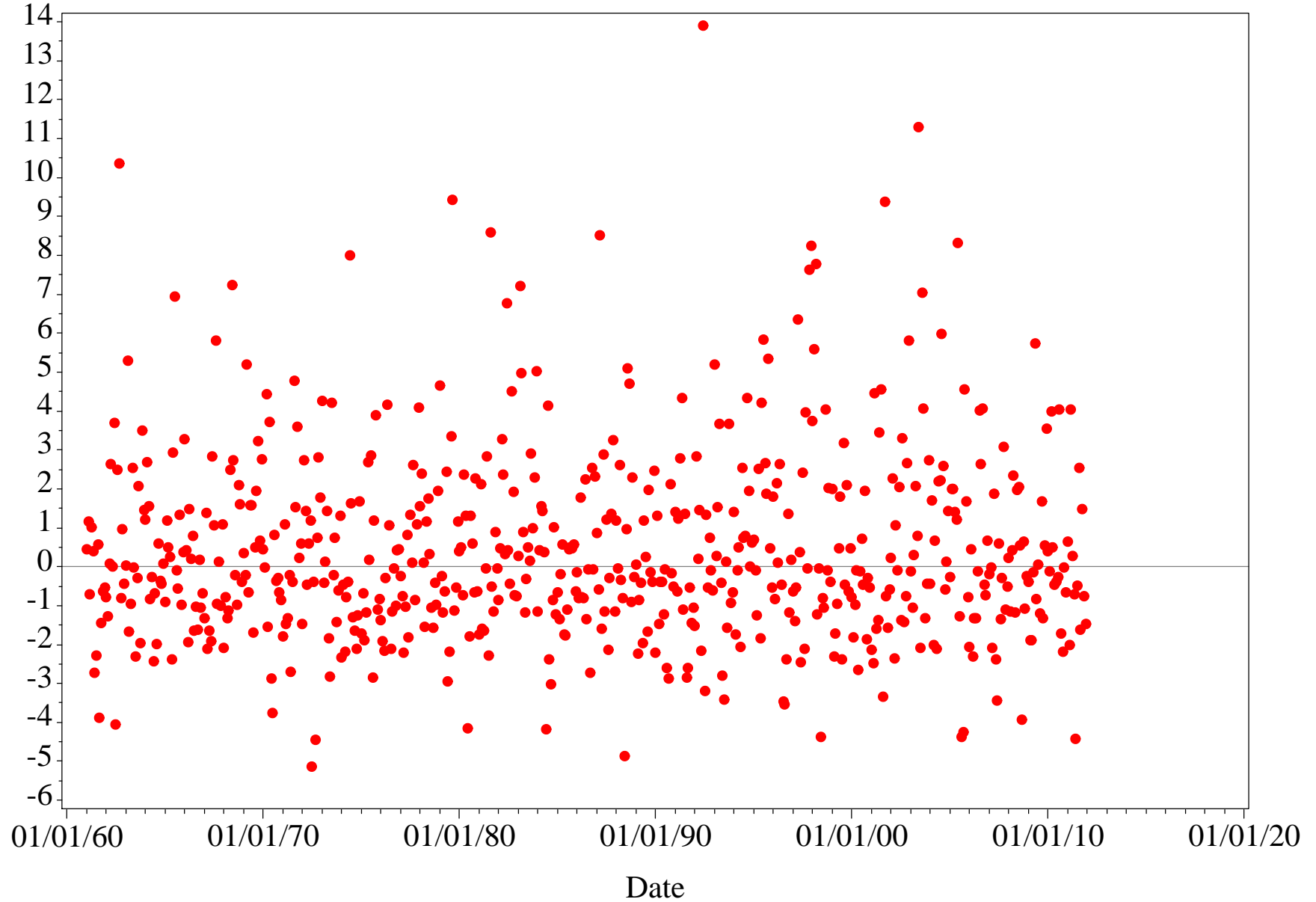
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0.015163	0.58808	0.56068	.0025

Upper Myakka Trends Appendix - Display 232

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Upper Myakka Trends Appendix - Display 233

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

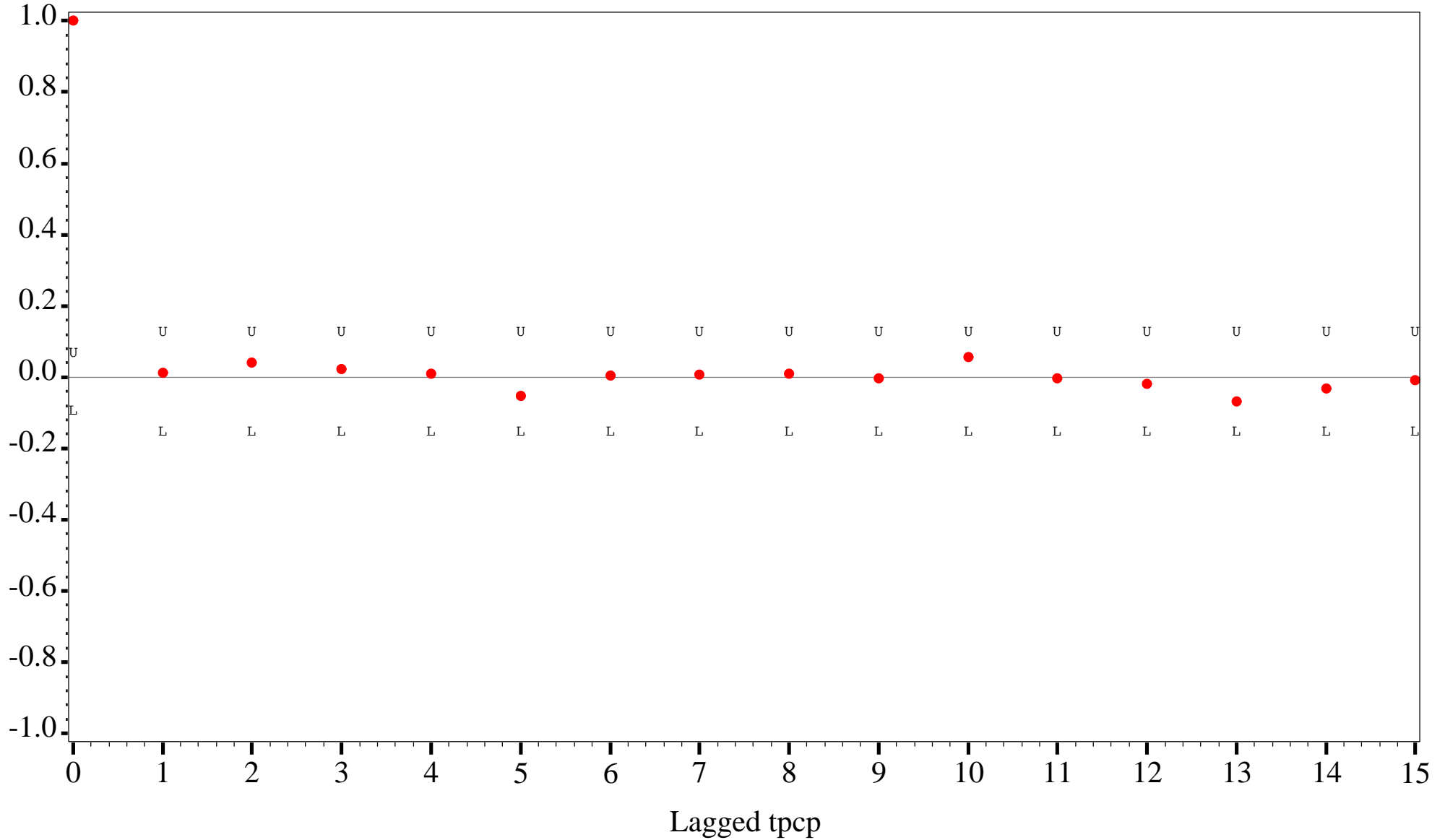
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.04	0.081	-0.081
1	0.013	0.07	0.140	-0.140
2	0.042	0.07	0.140	-0.140
3	0.022	0.07	0.140	-0.140
4	0.011	0.07	0.140	-0.140
5	-0.052	0.07	0.140	-0.140
6	0.004	0.07	0.140	-0.140
7	0.007	0.07	0.140	-0.140
8	0.011	0.07	0.140	-0.140
9	-0.004	0.07	0.140	-0.140
10	0.056	0.07	0.140	-0.140
11	-0.002	0.07	0.140	-0.140
12	-0.018	0.07	0.140	-0.140
13	-0.069	0.07	0.140	-0.140
14	-0.031	0.07	0.141	-0.141
15	-0.008	0.07	0.141	-0.141

Upper Myakka Trends Appendix - Display 234

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



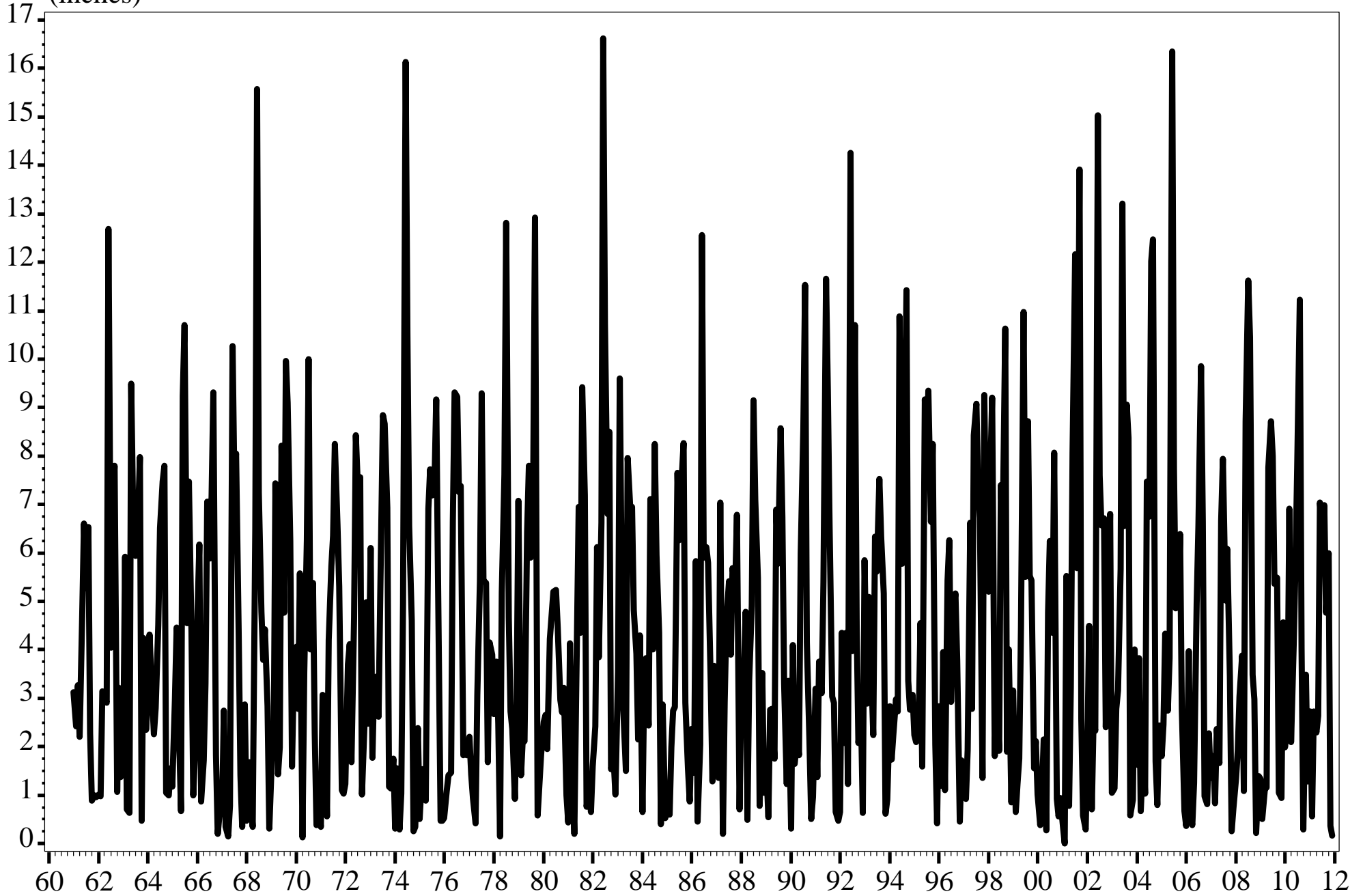
U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Charlie Creek Trends Appendix - Display 235

Monthly Data Time Series

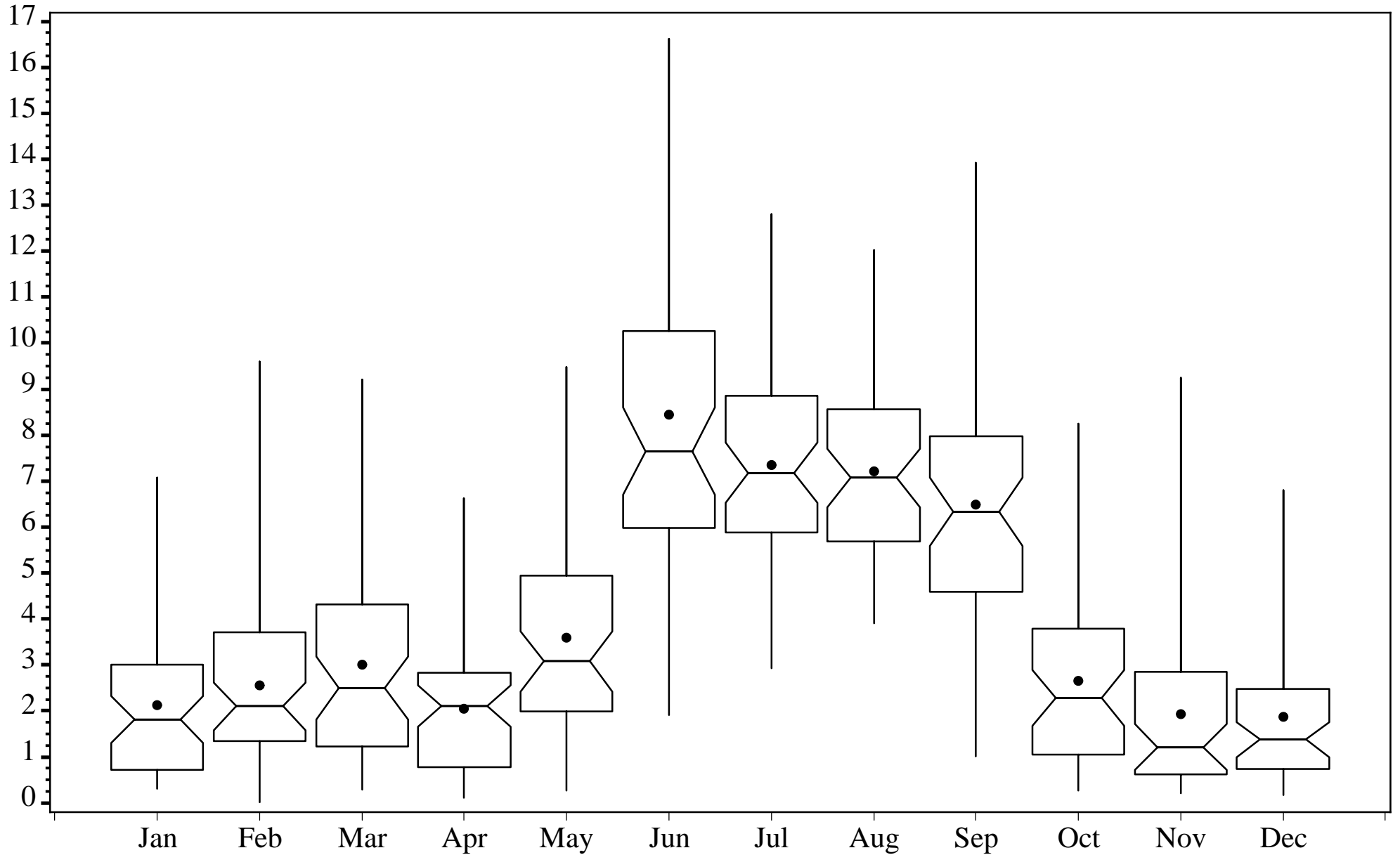
Adjusted for Seasonal Medians

Total Precipitation
(inches)



Seasonal Univariate Statistics

Total Precipitation
(inches)



Charlie Creek Trends Appendix - Display 237

Autocorrelation Statistics

Unadjusted for Seasonal Medians

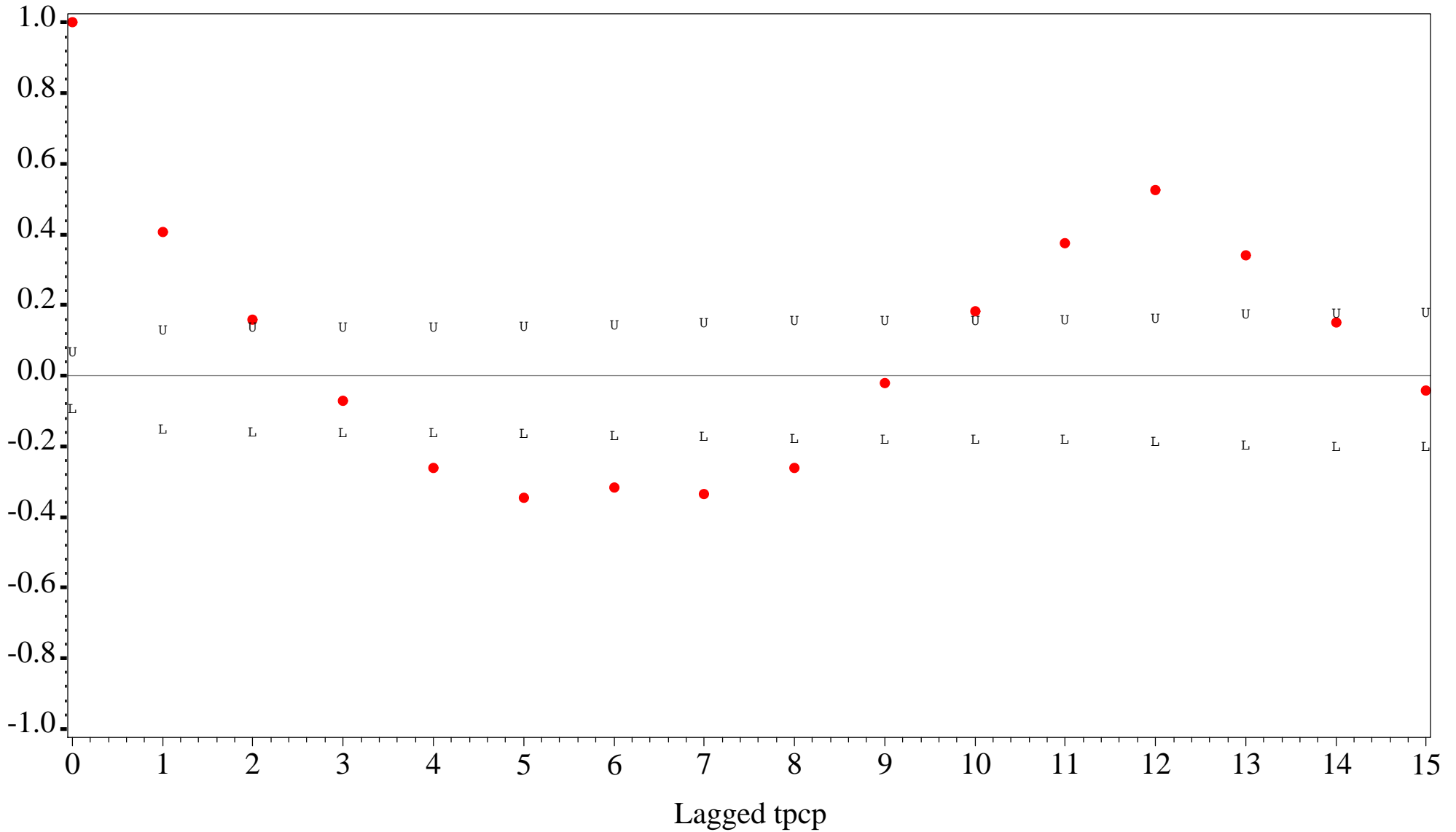
Lagged tcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.408	0.070	0.140	-0.140
2	0.158	0.074	0.148	-0.148
3	-0.070	0.074	0.149	-0.149
4	-0.262	0.074	0.149	-0.149
5	-0.345	0.076	0.152	-0.152
6	-0.317	0.078	0.157	-0.157
7	-0.334	0.081	0.161	-0.161
8	-0.260	0.083	0.166	-0.166
9	-0.022	0.084	0.168	-0.168
10	0.182	0.084	0.168	-0.168
11	0.376	0.085	0.169	-0.169
12	0.526	0.087	0.175	-0.175
13	0.342	0.092	0.185	-0.185
14	0.151	0.094	0.189	-0.189
15	-0.041	0.095	0.190	-0.190

Charlie Creek Trends Appendix - Display 238

Correlogram

Unadjusted for Seasonal Median

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown

Charlie Creek Trends Appendix - Display 239

Seasonal Kendall Tau Trend Test Statistics

Unadjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
0	0.993	0.993	0

Charlie Creek Trends Appendix - Display 240

Seasonal Kendall Tau Trend Test Statistics

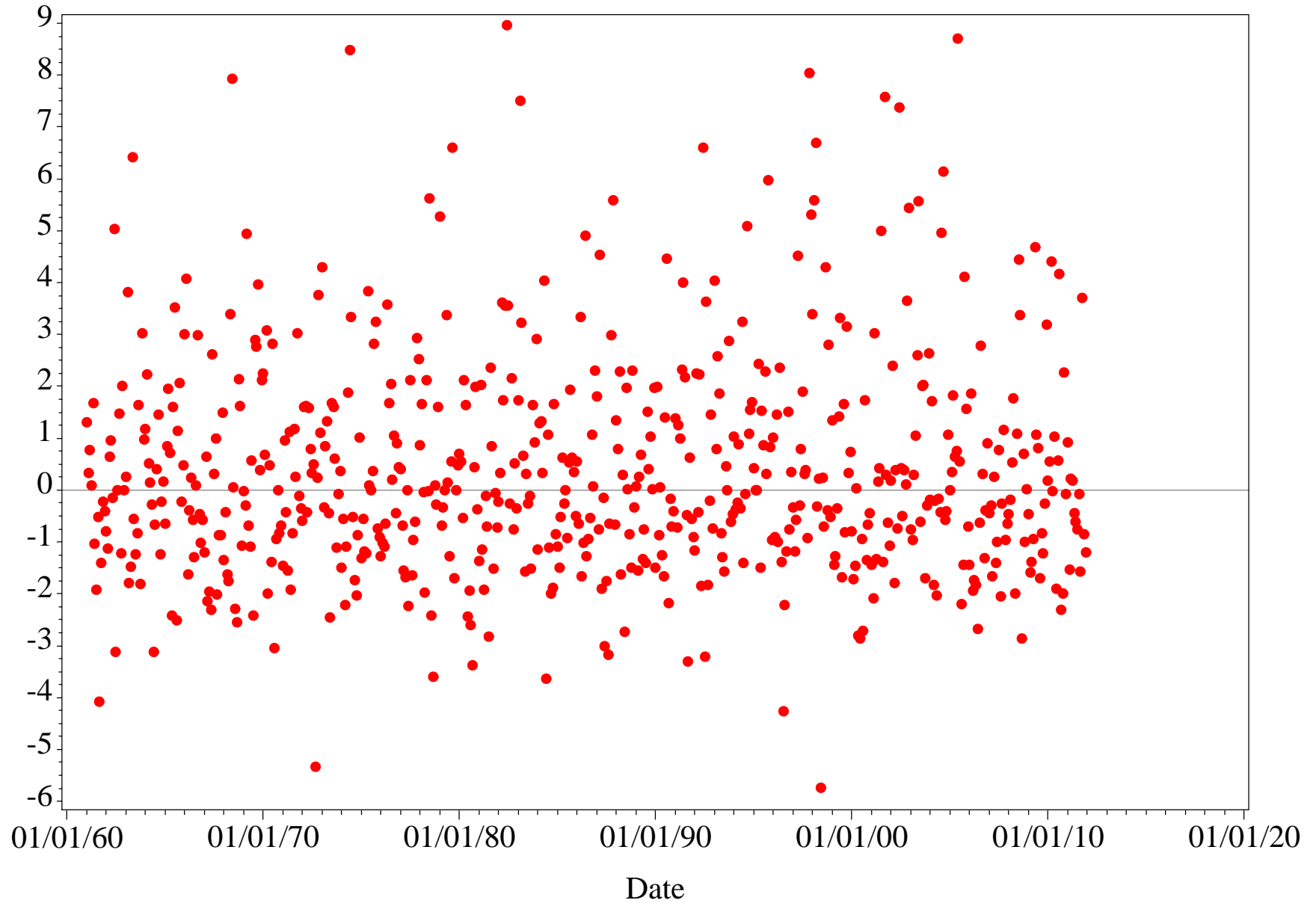
Adjusted for Seasonal Medians

Tau Statistic	P-Value Without Serial Correlation	P-Value With Serial Correlation	Slope Statistic
-.000392157	0.99065	0.99092	-.000036473

Charlie Creek Trends Appendix - Display 241

Time Series Plot of Total Precipitation Data Adjusted for Season and Detrended

Adjusted (inches)



Zero Reference Line Shown

Charlie Creek Trends Appendix - Display 242

Autocorrelation Statistics

Adjusted for Seasonal Median and Detrended

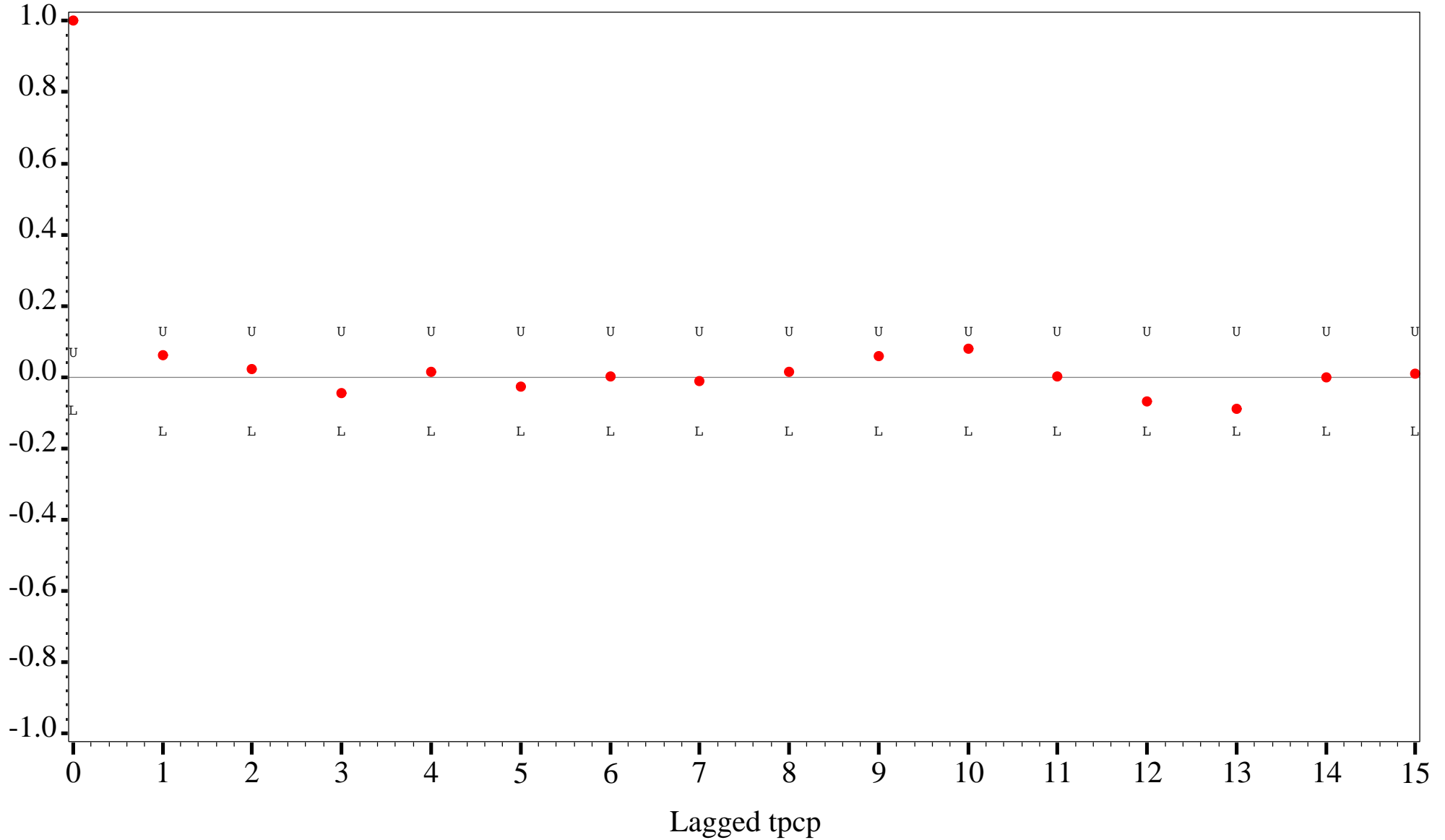
Lagged tpcp	Correlation	Standard Error	Upper Limit	Lower Limit
0	1.000	0.040	0.081	-0.081
1	0.063	0.070	0.140	-0.140
2	0.023	0.070	0.140	-0.140
3	-0.045	0.070	0.140	-0.140
4	0.016	0.070	0.140	-0.140
5	-0.027	0.070	0.140	-0.140
6	0.001	0.070	0.140	-0.140
7	-0.012	0.070	0.140	-0.140
8	0.015	0.070	0.140	-0.140
9	0.059	0.070	0.140	-0.140
10	0.079	0.070	0.141	-0.141
11	0.001	0.070	0.141	-0.141
12	-0.067	0.070	0.141	-0.141
13	-0.089	0.071	0.141	-0.141
14	-0.001	0.071	0.141	-0.141
15	0.011	0.071	0.141	-0.141

Charlie Creek Trends Appendix - Display 243

Correlogram

Adjusted for Seasonal Median and Detrended

Correlation



U=Upper 95% Confidence Limit L=Lower 95% Confidence Limit
Zero Reference Line Shown