

# *Market Outlook Considerations Chart Book*

*Week Beginning - September 9, 2019*

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Little Rock, AR 72205*

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# Commodity ETFs Book Index

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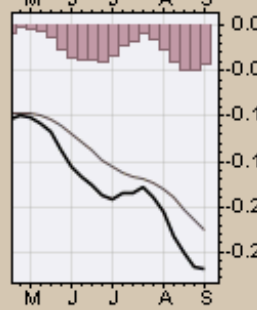
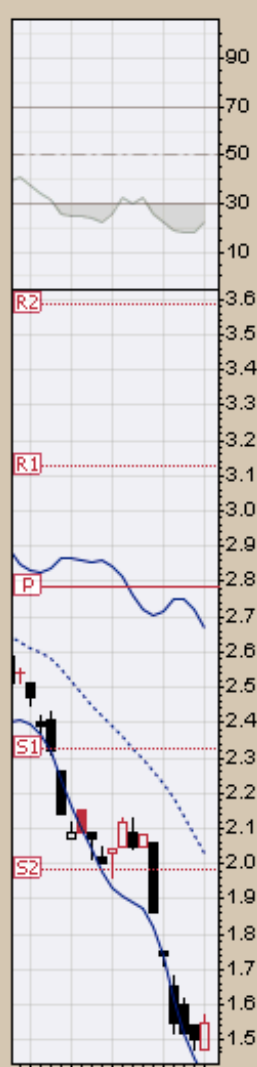
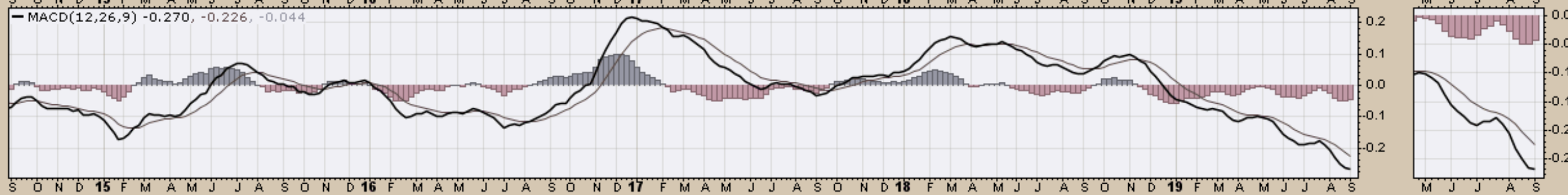
***\$UST10Y – 10 Year US Treasury Yield  
Weekly, Daily and Monthly Charts***

### CHART A1. \$UST10Y - 10-YEAR US TREASURY YIELD, WEEKLY CHART

▲ \$UST10Y (Weekly) 1.55  
— BB(20,2,0) 1.39 - 2.03 - 2.67  
— PIVOTS 1.98, 2.33, 2.78, 3.13, 3.58  
■ Volume undef



— MACD(12,26,9) -0.270, -0.226, -0.044



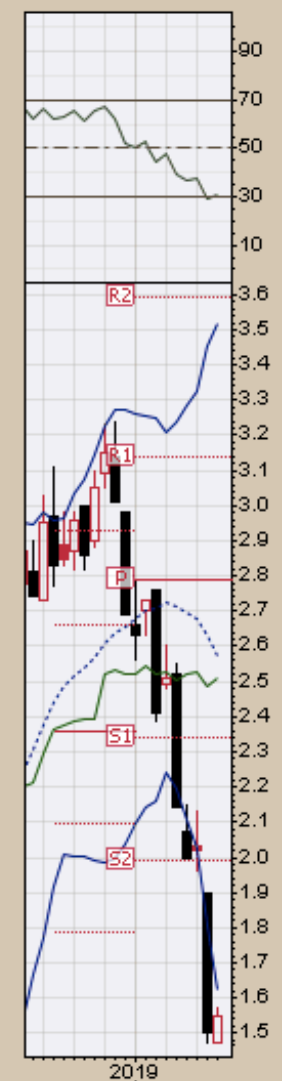
\$UST10Y (Daily) 1.55  
MA(200) 2.39  
Volume undef

**CHART A2. \$UST10Y - 10-YEAR US TREASURY YIELD, DAILY CHART**

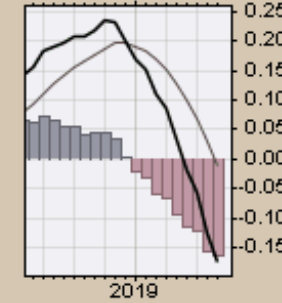
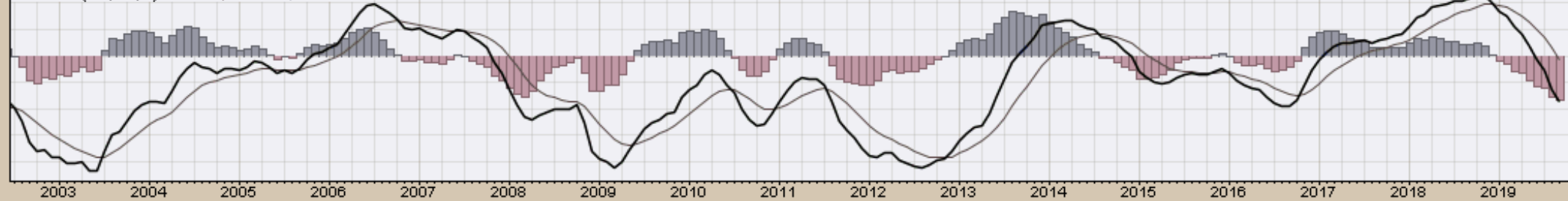


### CHART A3. \$UST10Y - 10-YEAR US TREASURY YIELD, MONTHLY CHART

▲ \$UST10Y (Monthly) 1.55  
 — BB(20,2.0) 1.63 - 2.57 - 3.52  
 — PIVOTS 1.99, 2.34, 2.79, 3.14, 3.59  
 — CHANDLR(22,3.0) 2.51  
 ■ Volume undef



— MACD(12,26,9) -0.176, -0.011, -0.165



— \$UST10Y (Monthly) 1.55  
— MA(200) 3.11



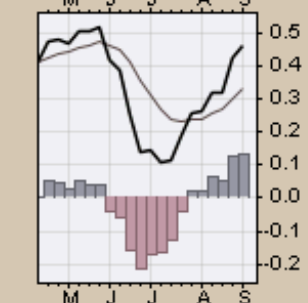
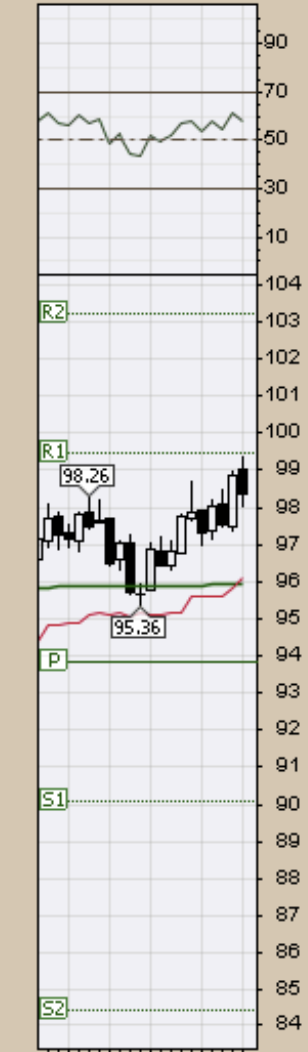
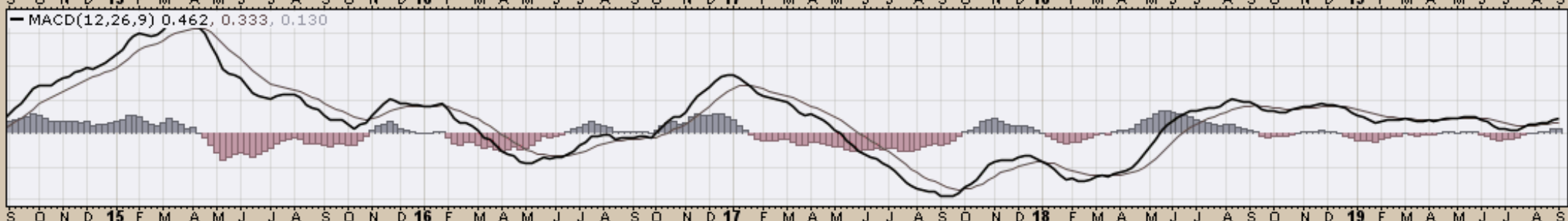
**CHART A4. \$UST10Y - 10-YEAR US TREASURY YIELD, MONTHLY CHART**

*US Dollar Index*  
*Weekly, Daily and Monthly Charts*

RSI(14) 57.75

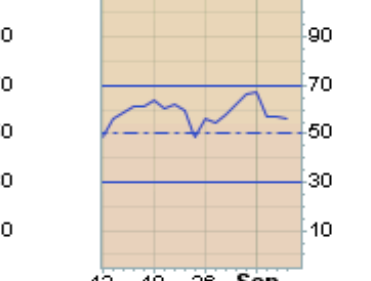
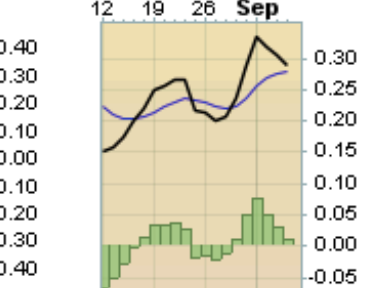
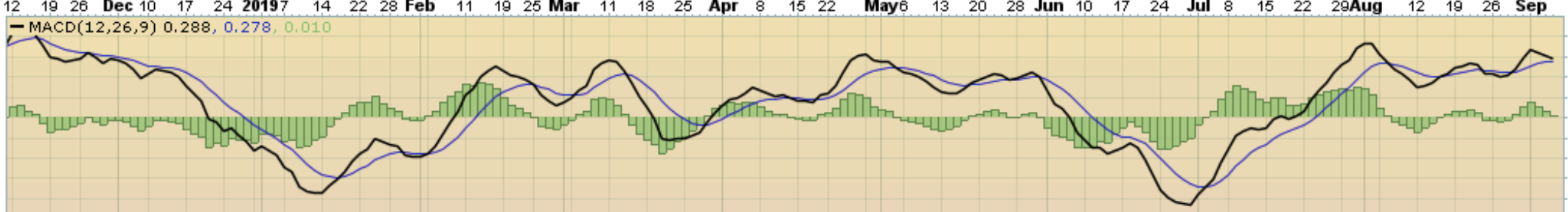
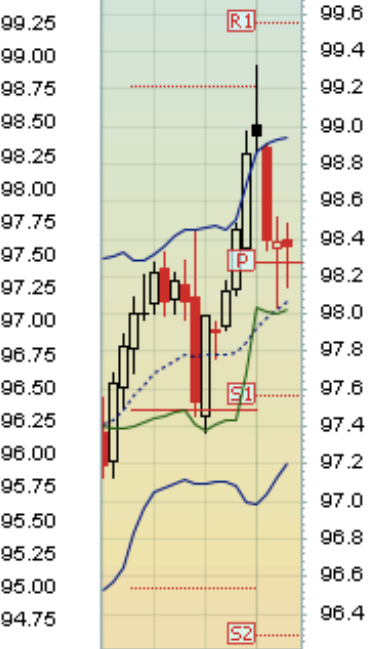
# CHART A5. U.S. DOLLAR INDEX, WEEKLY CHART

\$USD (Weekly) 98.36  
 MA(200) 95.93  
 CHANLDR(22,3,0) 96.13  
 PIVOTS 84.43, 90.09, 93.81, 99.47, 103.19



US Dollar Index - Cash Settle (EOD) (Daily) 98.36  
BB(20,2,0) 97.20 - 98.07 - 98.94  
PIVOTS 96.28, 97.57, 98.27, 99.56, 100.26  
CHANDLR(22,3,0) 98.02  
Volume undef

# CHART A6A. US DOLLAR INDEX, DAILY CHART



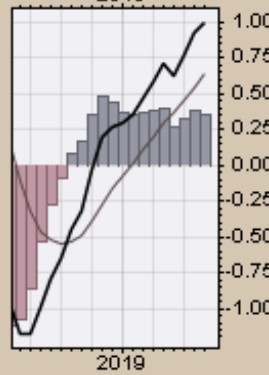
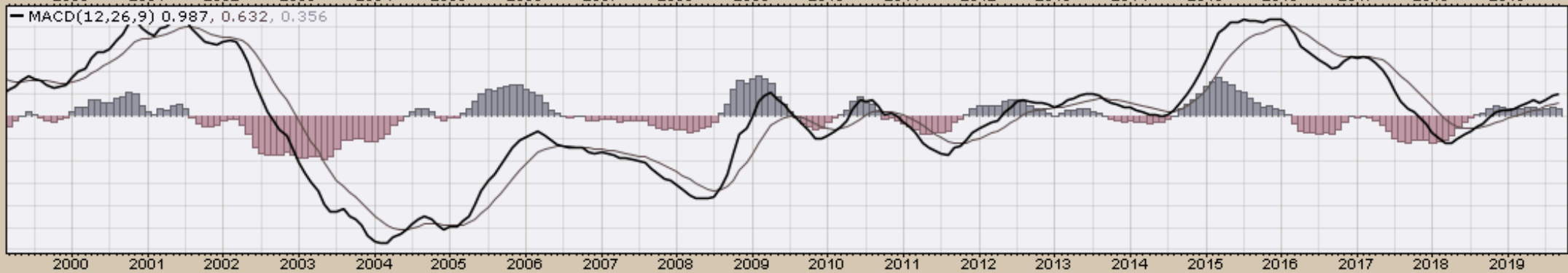
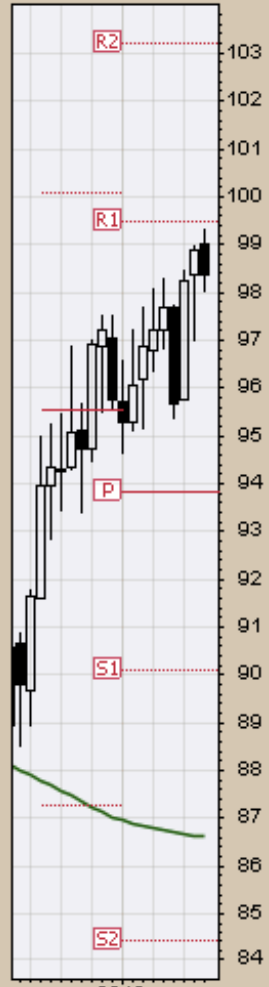


US Dollar Index - Cash Settle (EOD) (Daily) 98.36

**CHART A6B. US DOLLAR INDEX, DAILY CHART**



6-Sep-2019

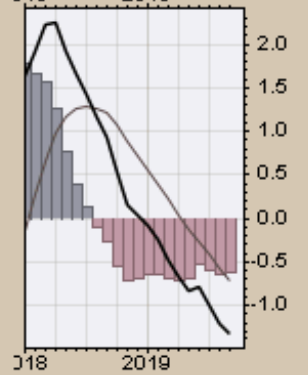
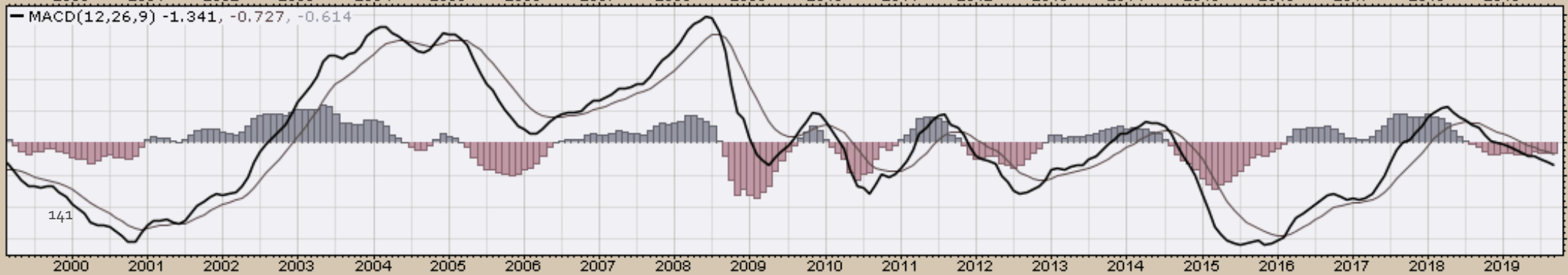
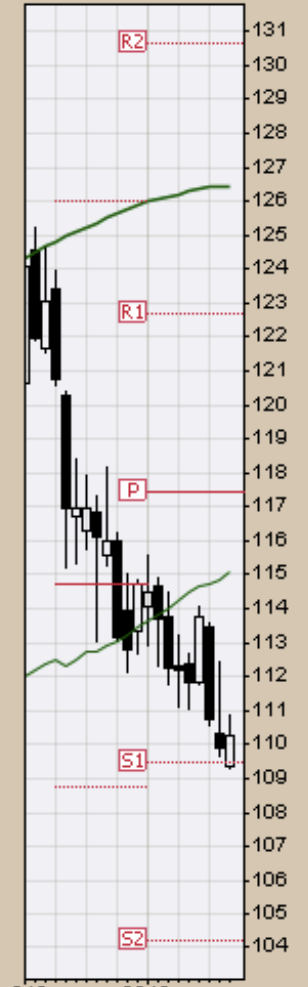


— \$USD (Monthly) 98.36  
— MA(200) 86.64

### CHART A8. US DOLLAR INDEX, MONTHLY CHART



*Select Currency Charts*  
*Monthly Charts*

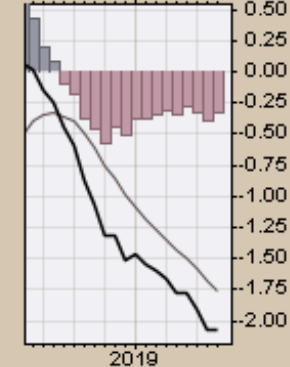
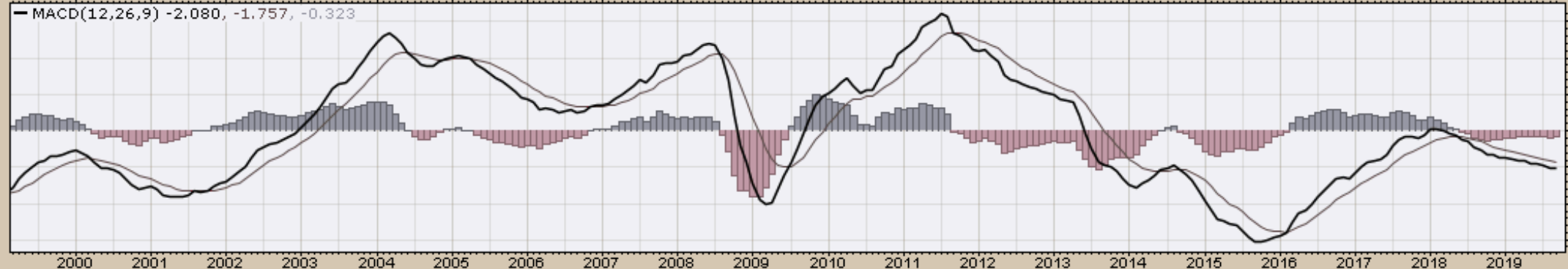
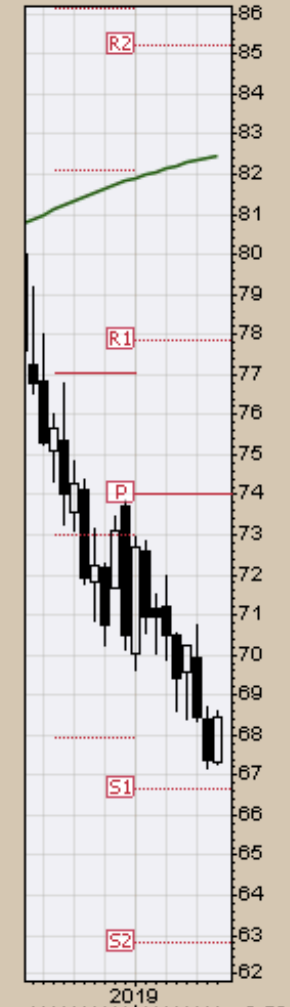
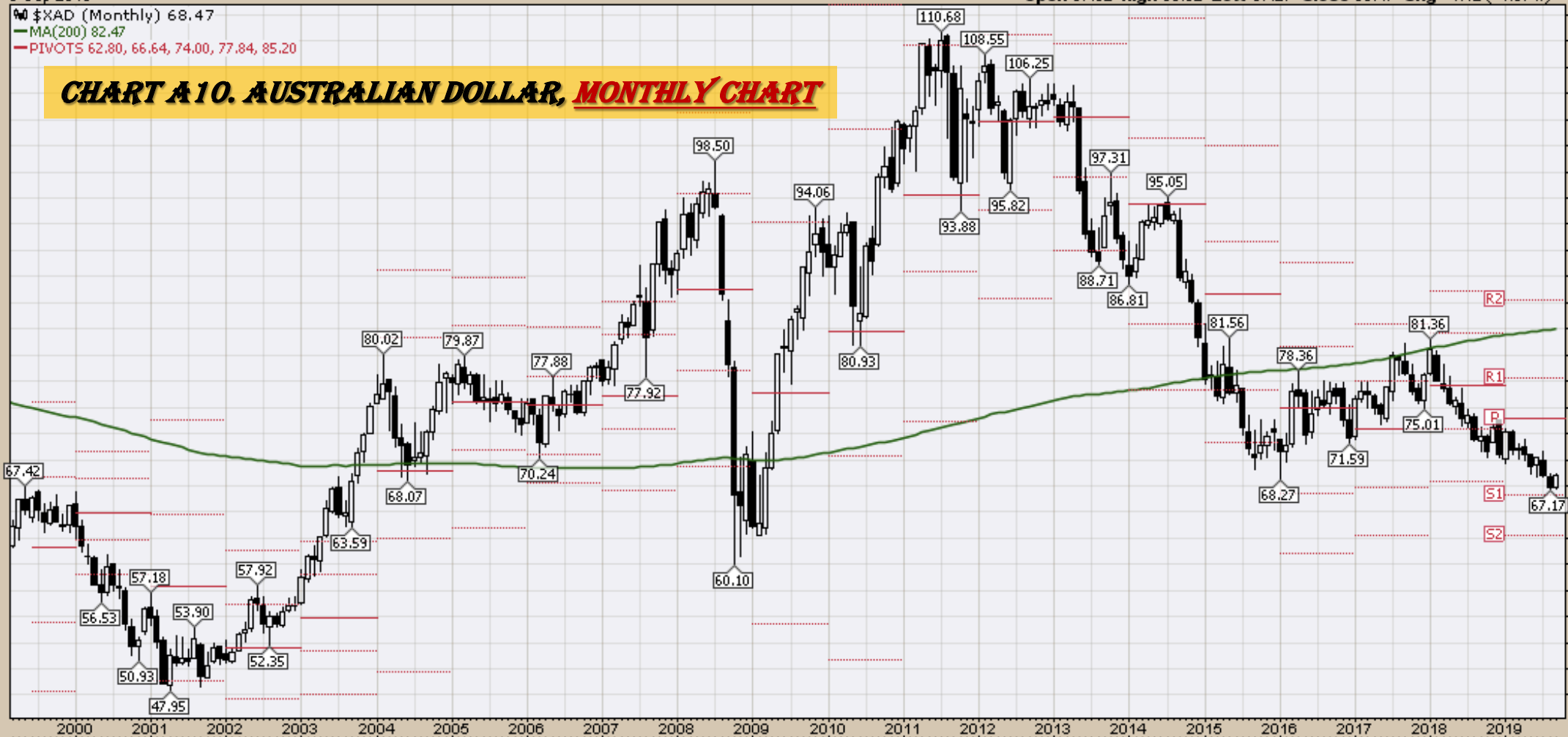


\$XAD (Monthly) 68.47

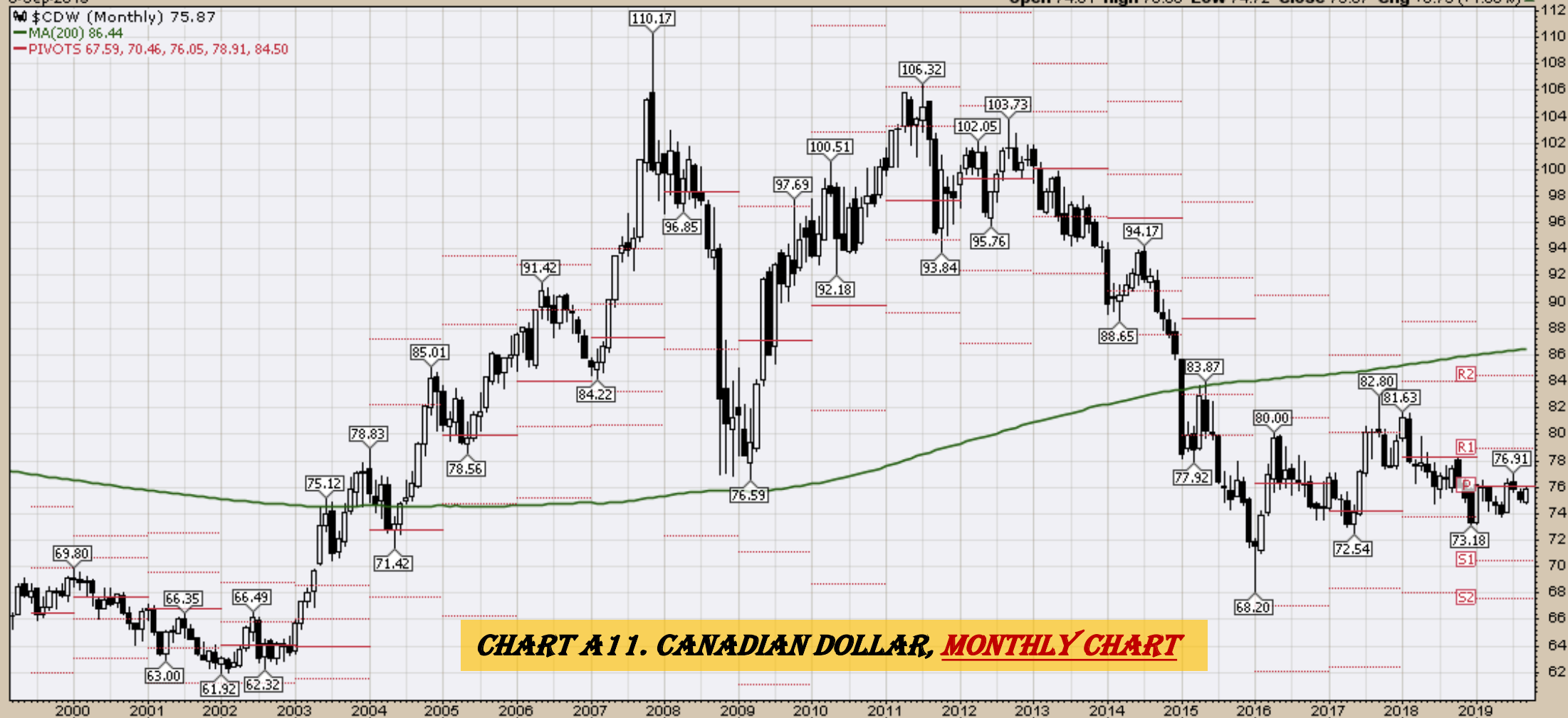
MA(200) 82.47

PIVOTS 62.80, 66.64, 74.00, 77.84, 85.20

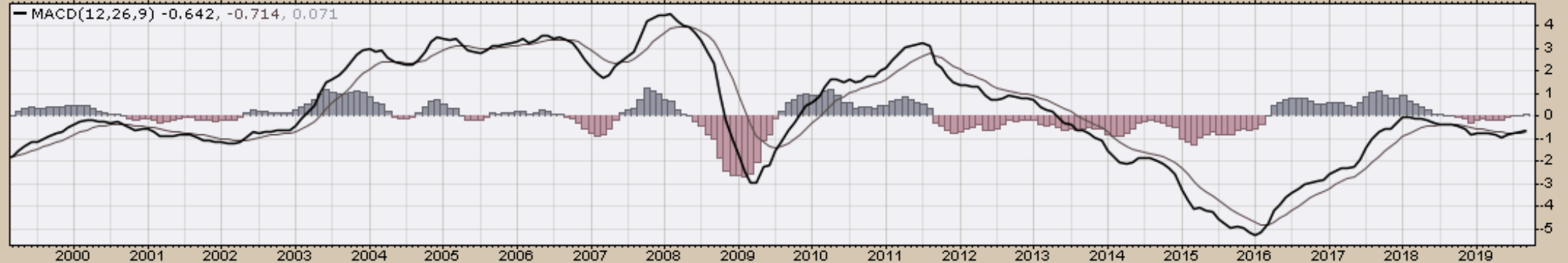
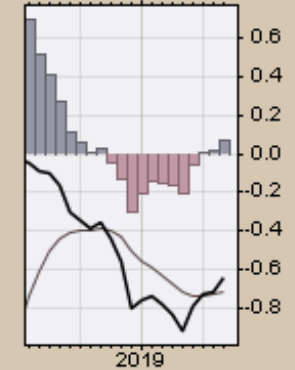
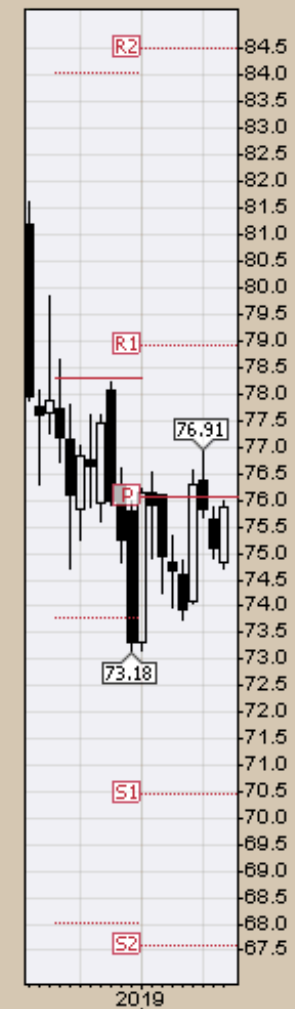
### CHART A10. AUSTRALIAN DOLLAR, MONTHLY CHART



AO \$CDW (Monthly) 75.87  
MA(200) 86.44  
PIVOTS 67.59, 70.46, 76.05, 78.91, 84.50

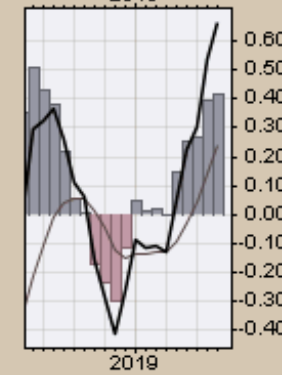
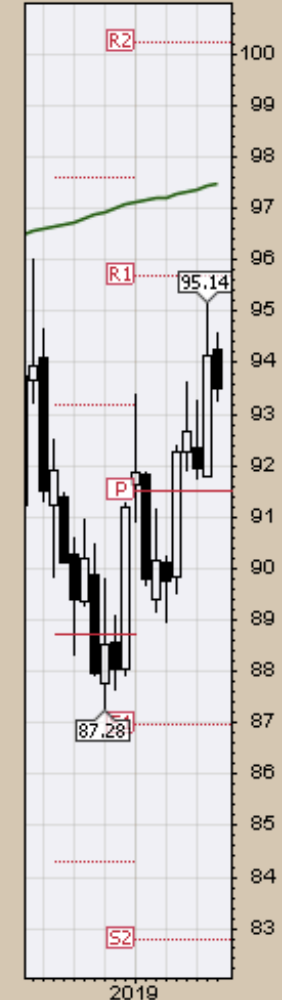


**CHART A11. CANADIAN DOLLAR, MONTHLY CHART**



\$XJY (Monthly) 93.52  
MA(200) 97.48  
PIVOTS 82.77, 86.98, 91.49, 95.70, 100.21

# CHART A12. JAPANESE YEN, MONTHLY CHART





6-Sep-2019

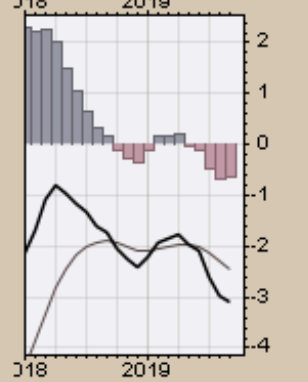
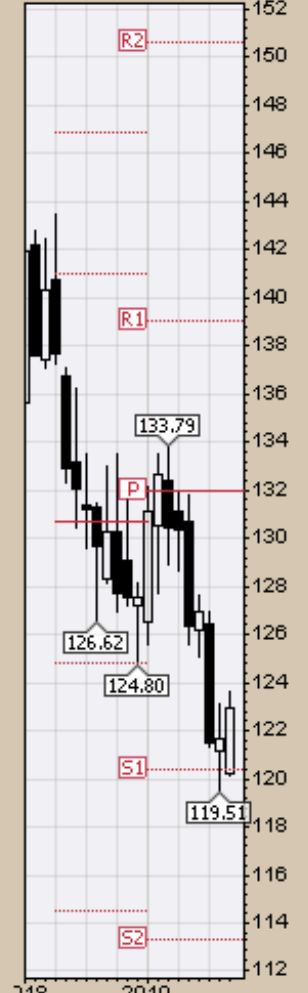
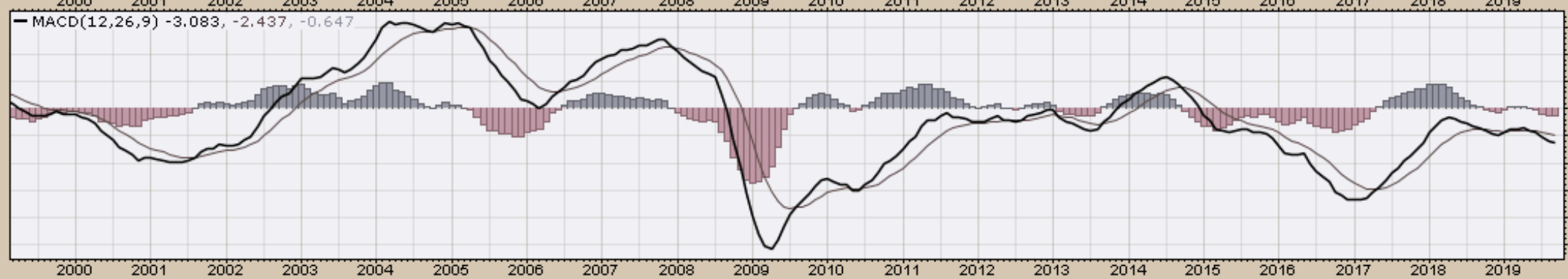
\$XBP (Monthly) 122.94

MA(200) 161.11

PIVOTS 113.28, 120.41, 131.93, 139.06, 150.58



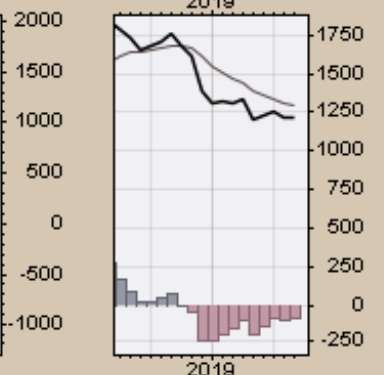
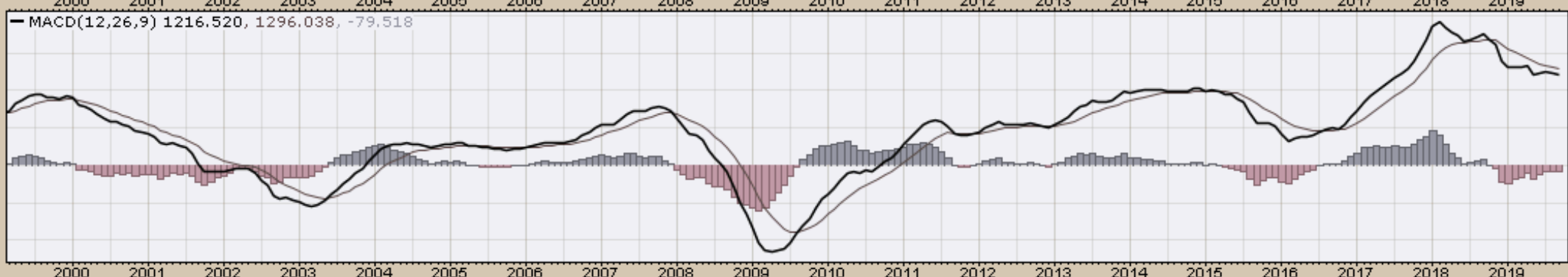
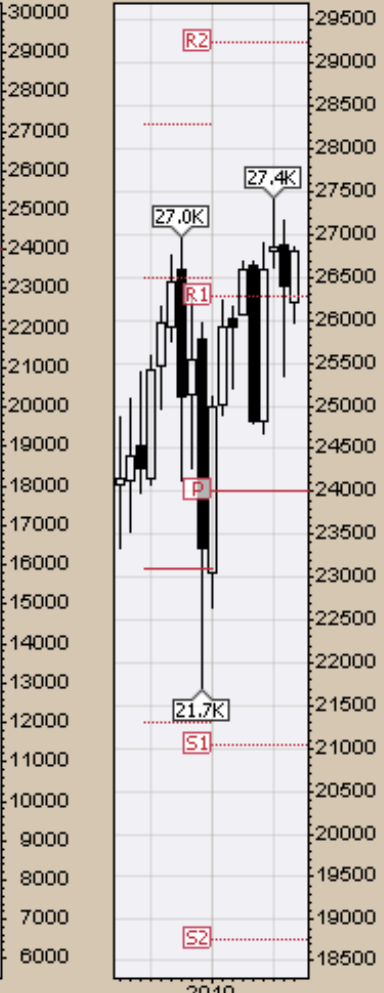
**CHART A13. BRITISH POUND, MONTHLY CHART**



*Select Equity and Transportation Charts*  
*Monthly Charts*

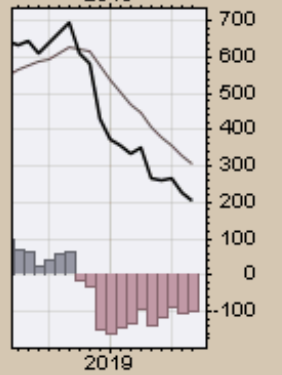
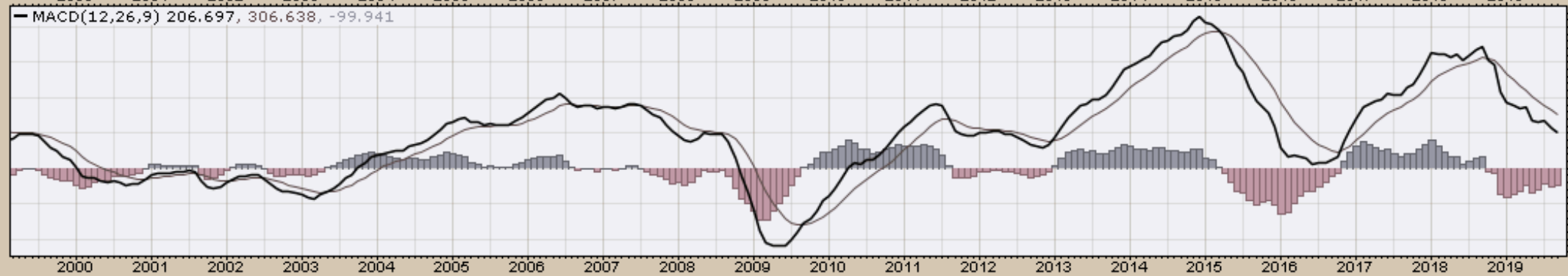
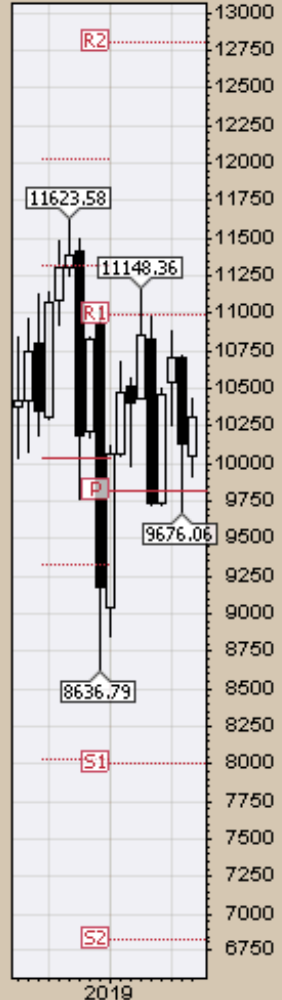
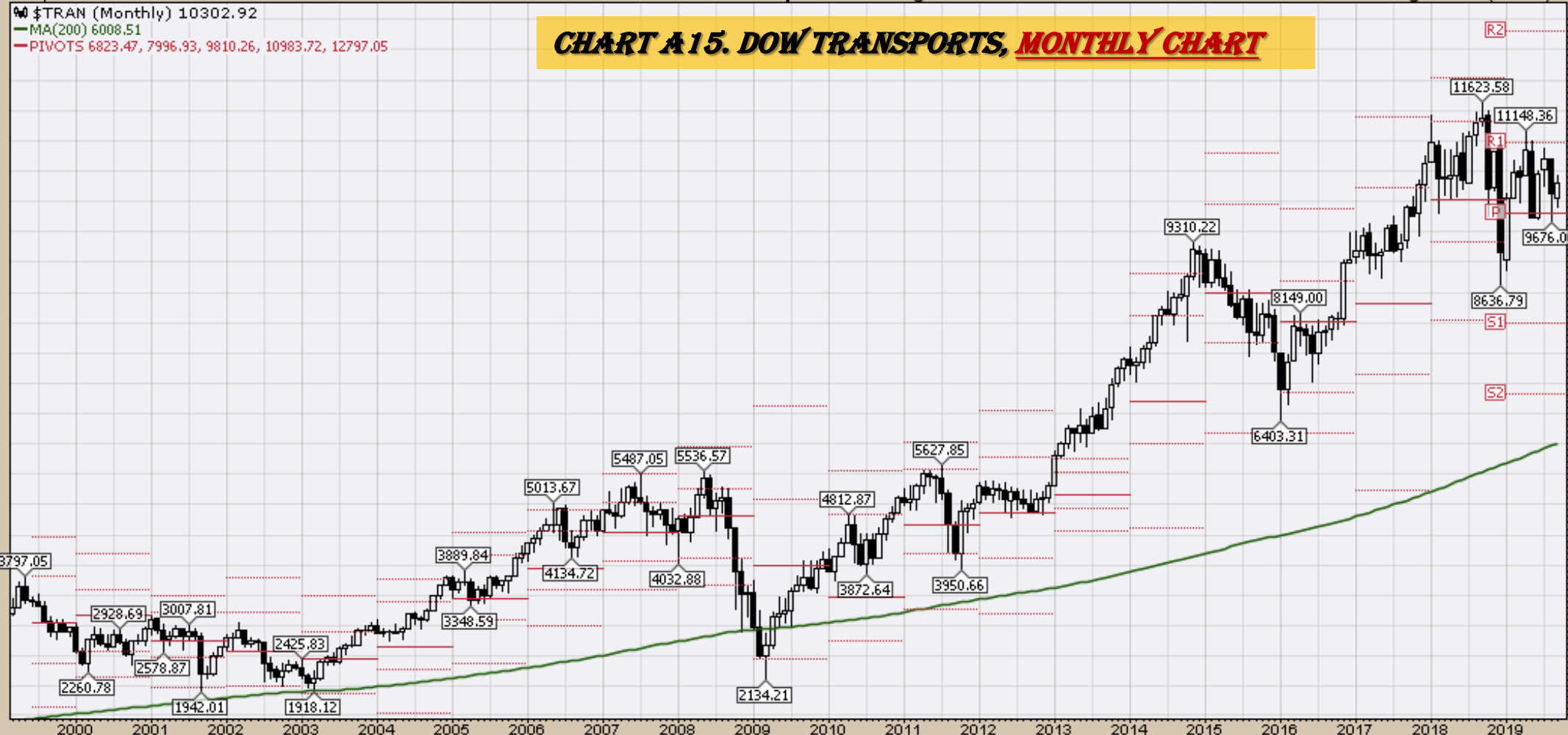
\$INDU (Monthly) 26797.46  
MA(200) 14618.88  
PIVOTS 18757.99, 21042.72, 23997.27, 26282.01, 29236.55

# CHART A14. DOW JONES, MONTHLY CHART



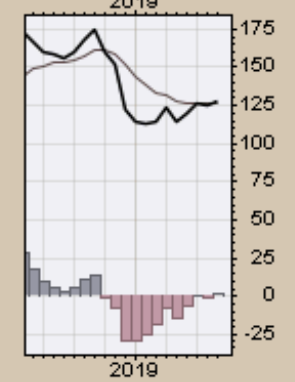
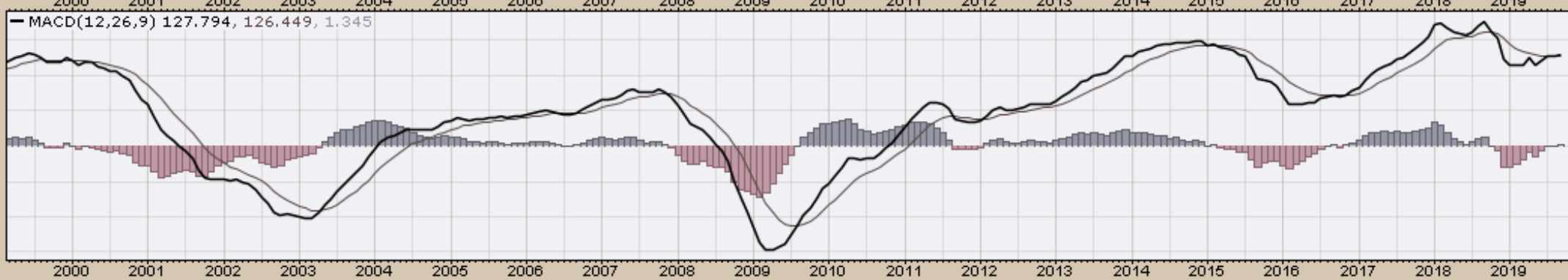
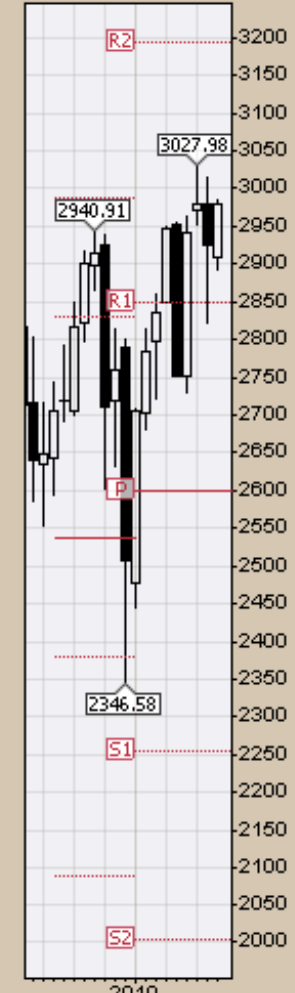
\$TRAN (Monthly) 10302.92  
MA(200) 6008.51  
PIVOTS 6823.47, 7996.93, 9810.26, 10983.72, 12797.05

### CHART A15. DOW TRANSPORTS, MONTHLY CHART



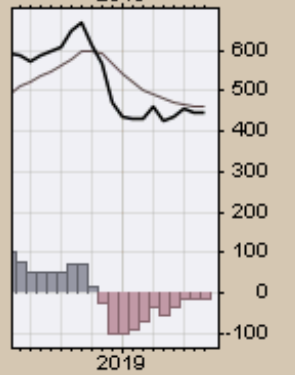
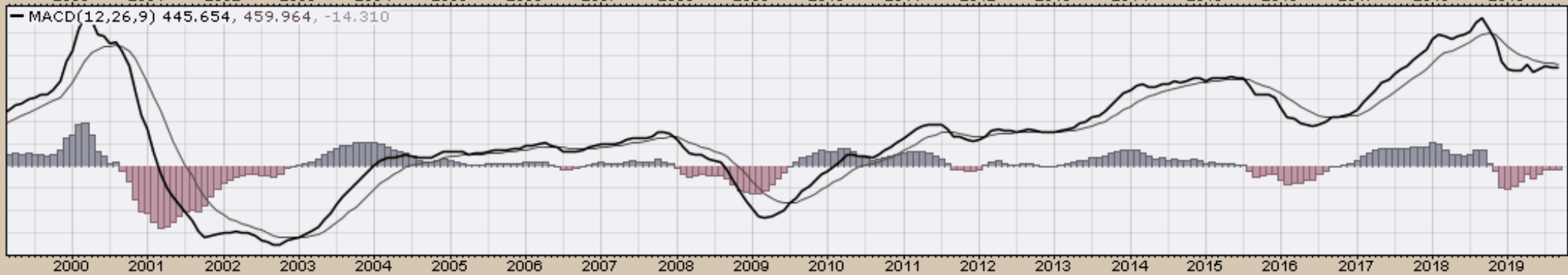
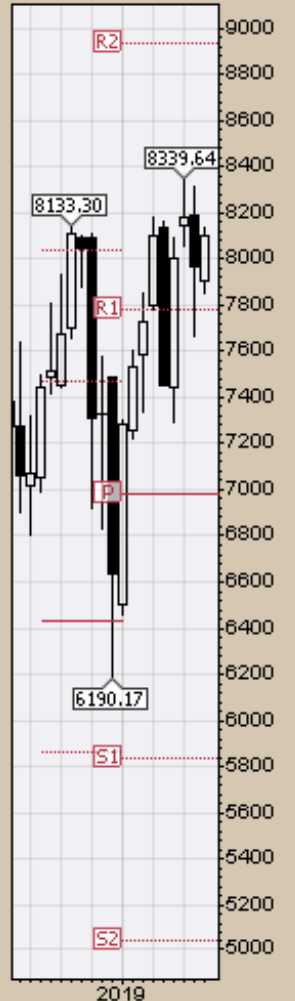
# CHART A 16. S&P 500 LARGE CAP INDEX, MONTHLY CHART

\$SPX (Monthly) 2978.71  
MA(200) 1626.50  
PIVOTS 2003.78, 2255.32, 2598.11, 2849.65, 3192.44



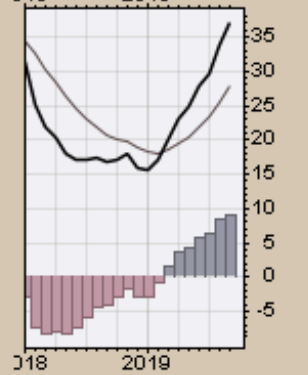
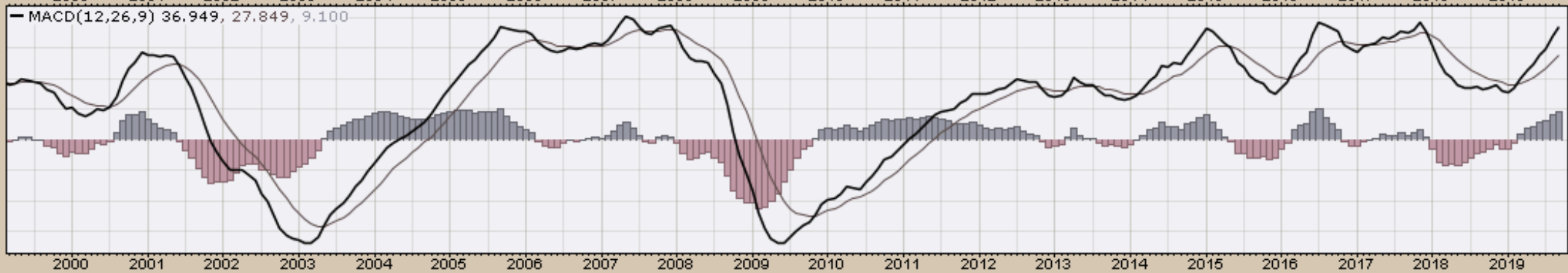
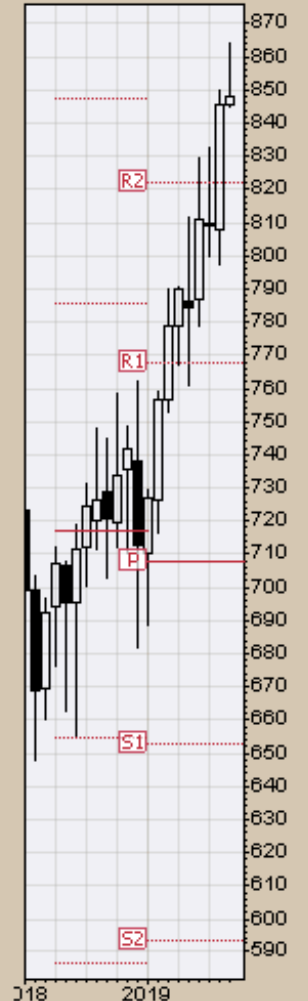
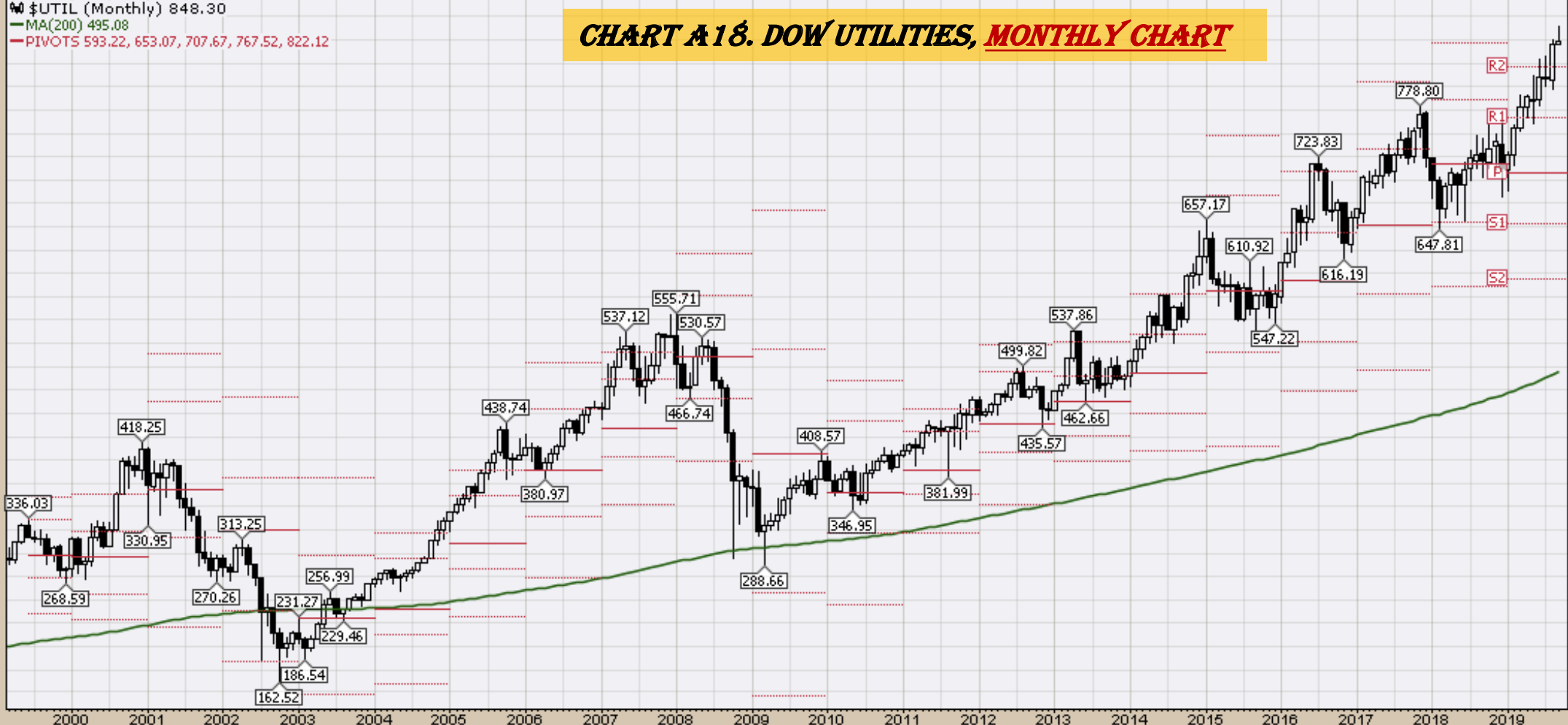
\$COMPQ (Monthly) 8103.07  
MA(200) 3601.89  
PIVOTS 5043.11, 5839.20, 6986.25, 7782.33, 8929.38

### CHART A 17. NASDAQ COMPOSITE, MONTHLY CHART



\$UTIL (Monthly) 848.30  
MA(200) 495.08  
PIVOTS 593.22, 653.07, 707.67, 767.52, 822.12

### CHART A18. DOW UTILITIES, MONTHLY CHART

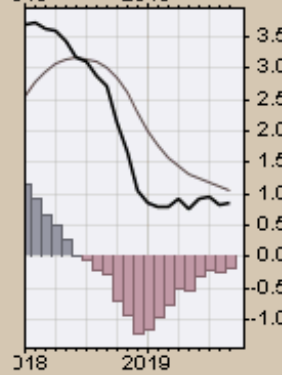
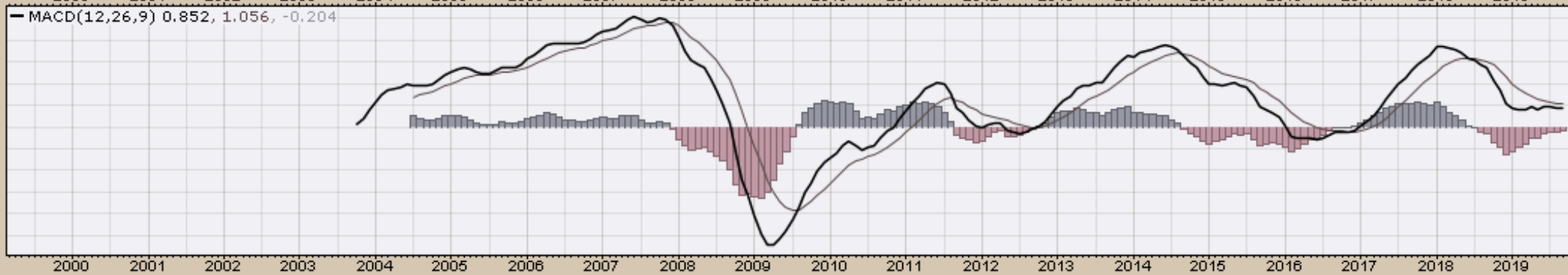
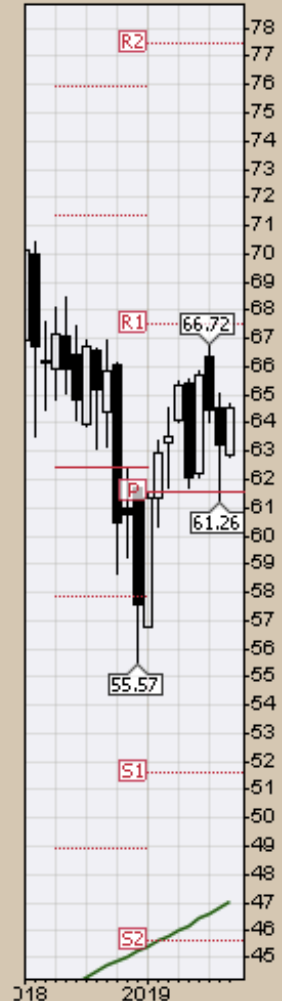
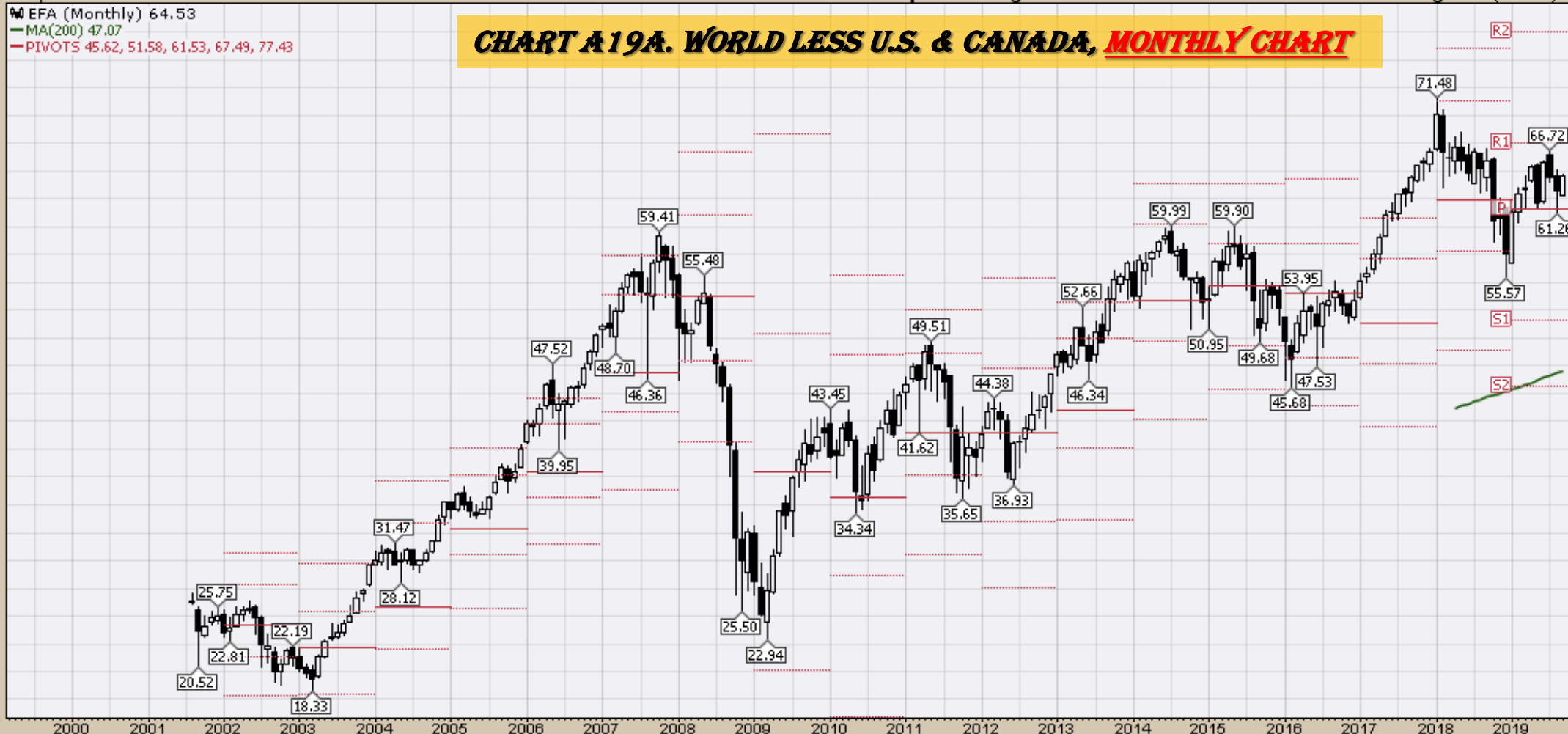


*Select Global Equity Charts*



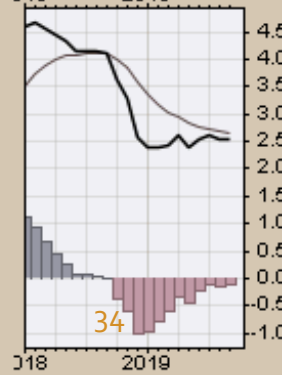
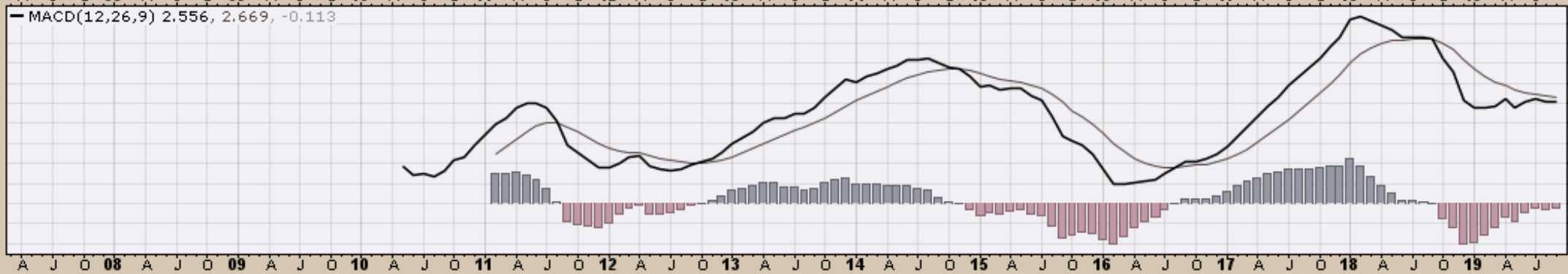
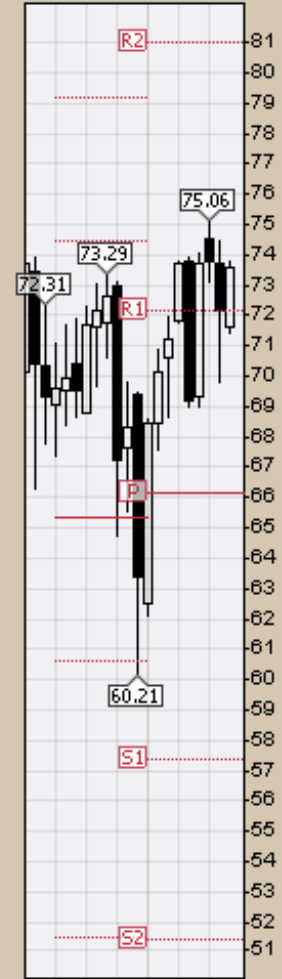
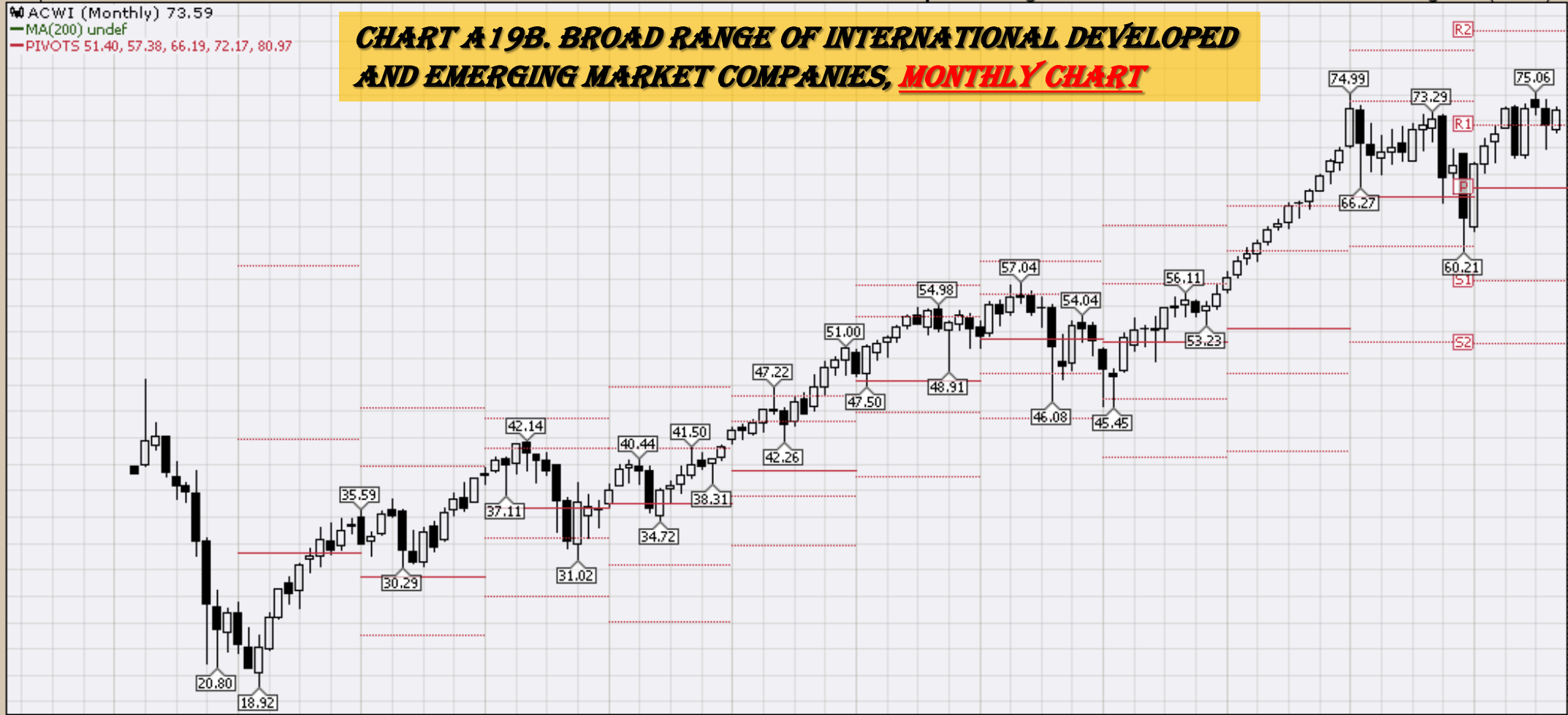
# CHART A19A. WORLD LESS U.S. & CANADA, MONTHLY CHART

▲ EFA (Monthly) 64.53  
 — MA(200) 47.07  
 — PIVOTS 45.62, 51.58, 61.53, 67.49, 77.43



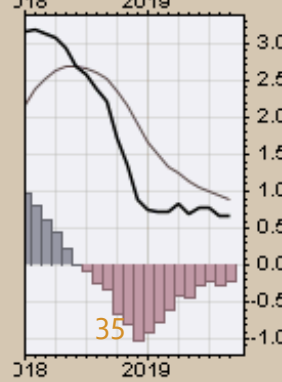
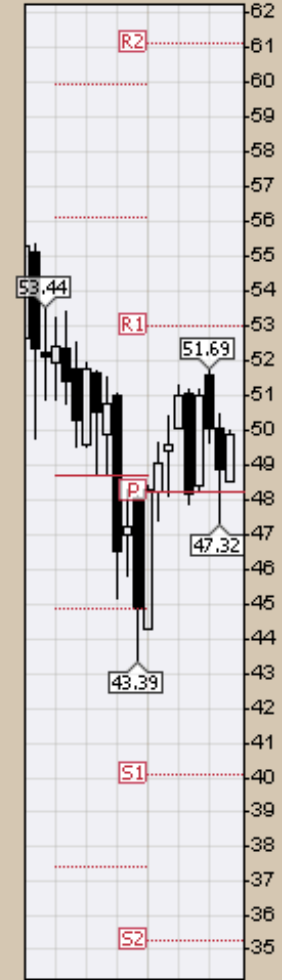
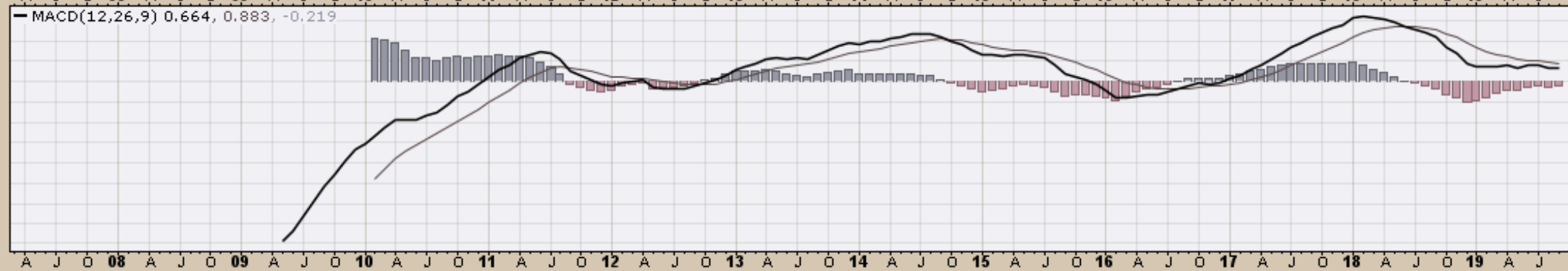
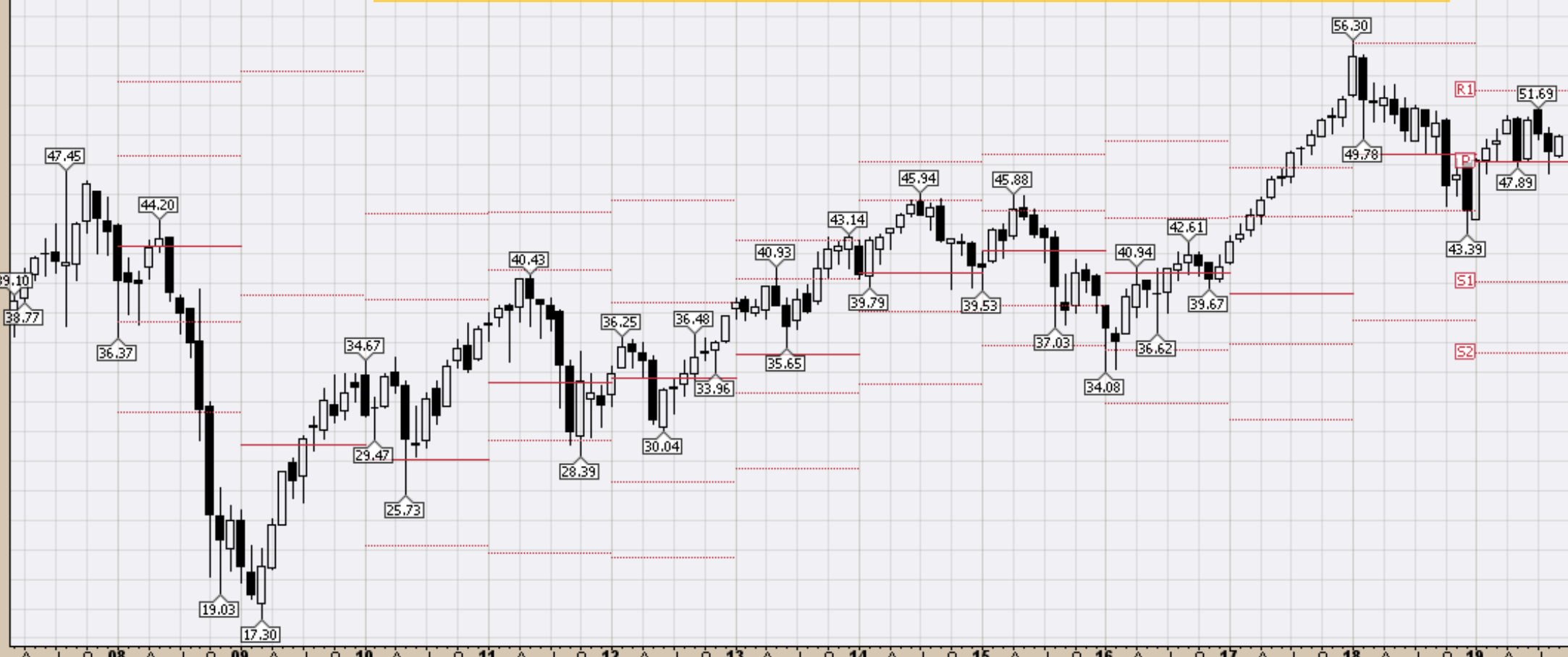
# CHART A19B. BROAD RANGE OF INTERNATIONAL DEVELOPED AND EMERGING MARKET COMPANIES, MONTHLY CHART

ACWI (Monthly) 73.59  
MA(200) undef  
PIVOTS 51.40, 57.38, 66.19, 72.17, 80.97



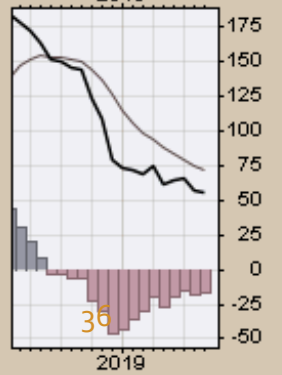
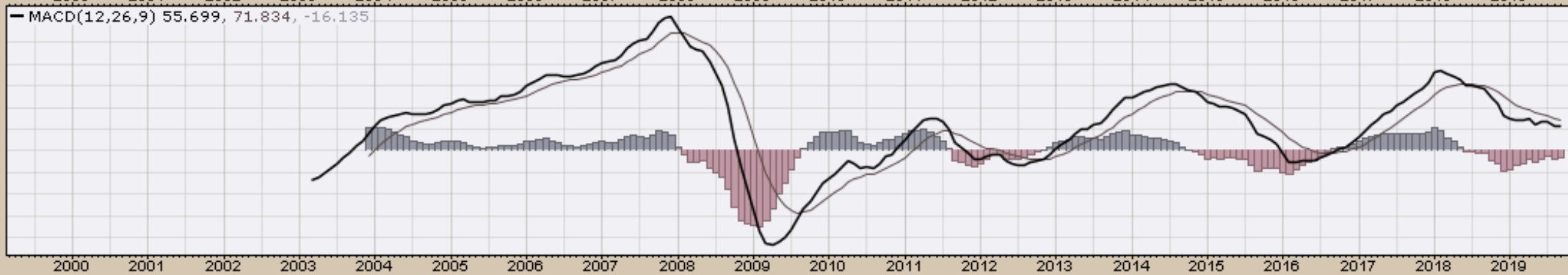
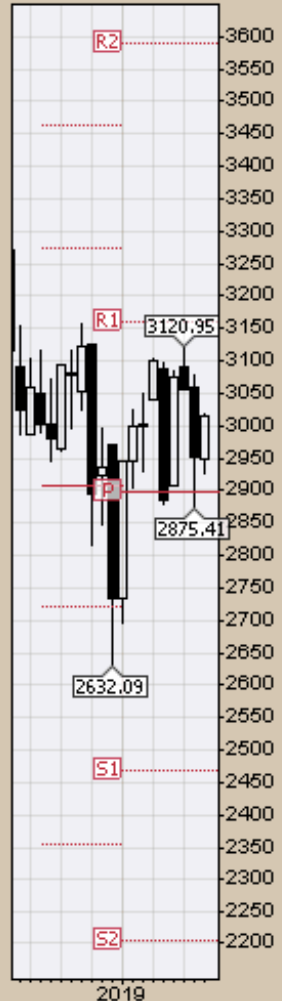
VEU (Monthly) 49.90  
MA(200) undef  
PIVOTS 35.28, 40.09, 48.19, 53.00, 61.11

# CHART A19C. VANGUARD FTSE ALL-WORLD EX-US ETF, MONTHLY CHART



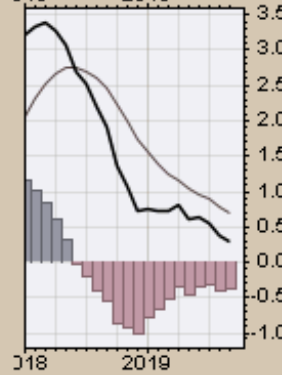
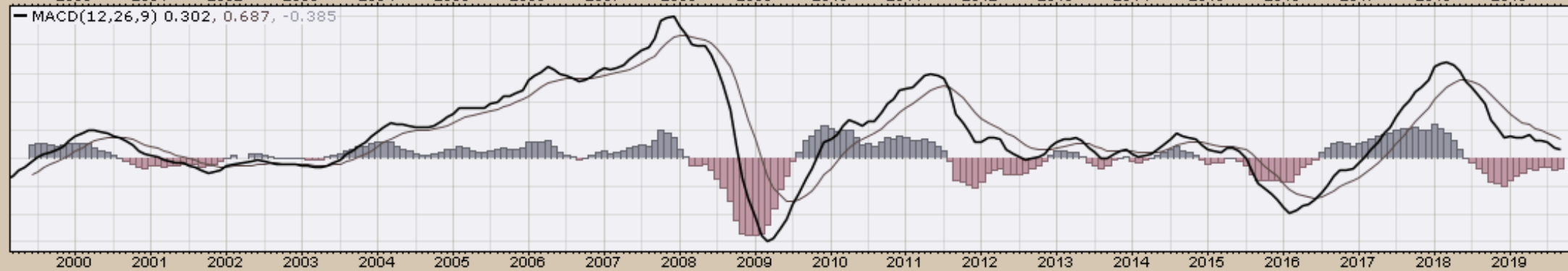
\$GDOW (Monthly) 3016.42  
MA(200) 2126.80  
PIVOTS 2205.09, 2469.75, 2896.74, 3161.40, 3588.39

**CHART A19D. THE GLOBAL DOW (GDOW) IS A 150-STOCK INDEX OF CORPORATIONS FROM AROUND THE WORLD, CREATED BY DOW JONES & COMPANY. ONLY BLUE-CHIP STOCKS ARE INCLUDED IN THE INDEX, MONTHLY CHART**



▲ EEM (Monthly) 41.25  
— MA(200) 31.62  
— PIVOTS 28.18, 33.47, 42.03, 47.32, 55.88

### CHART A20A. EMERGING MARKETS, MONTHLY CHART



6-Sep-2019

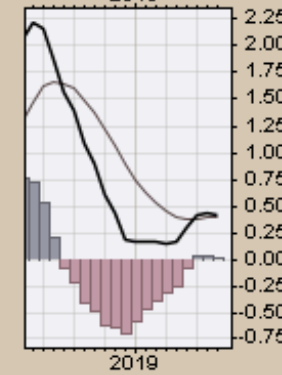
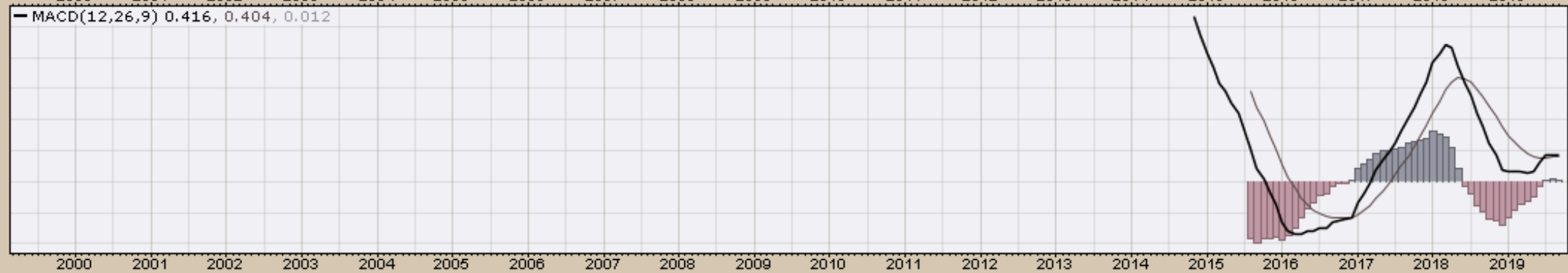
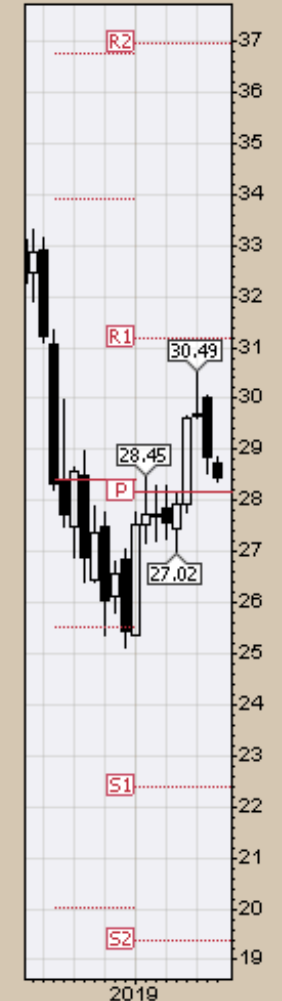
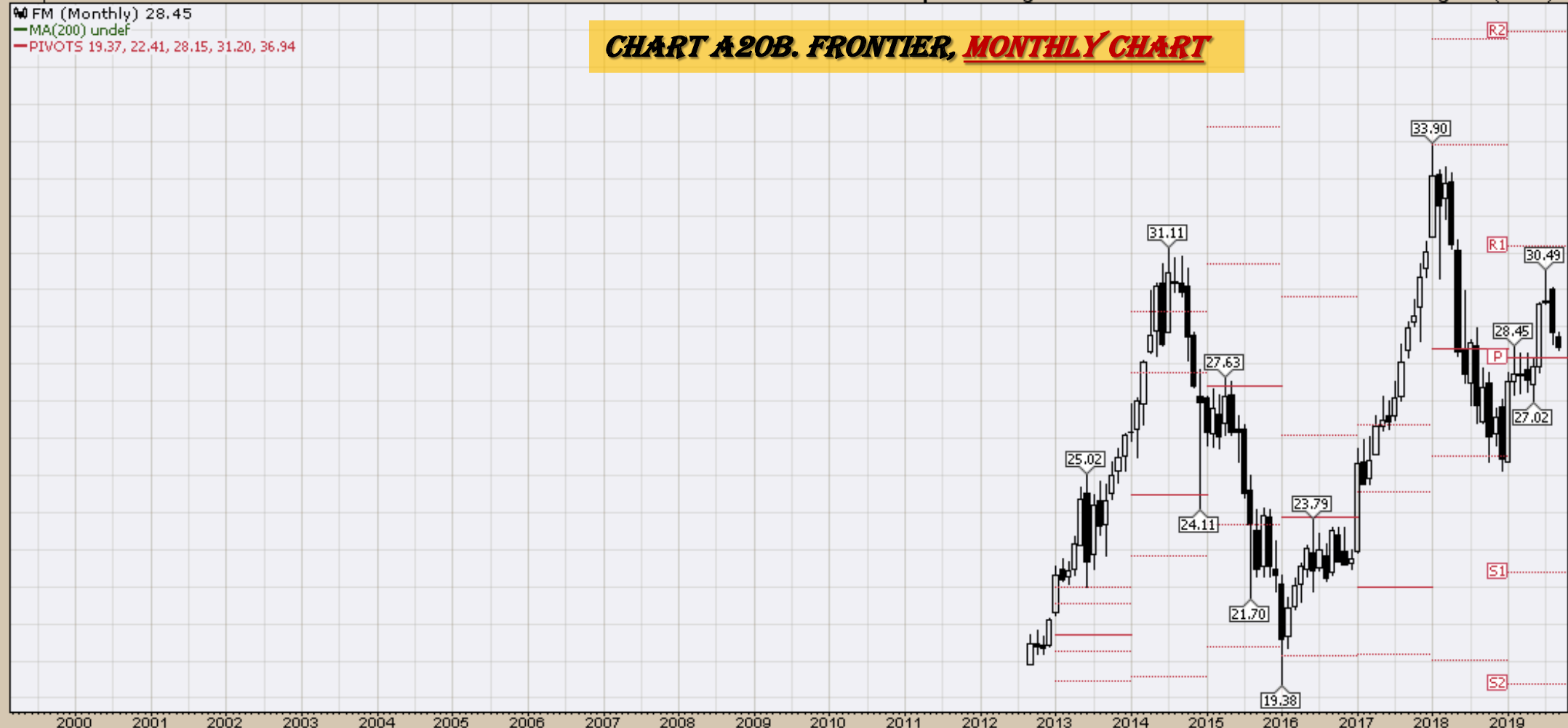
Open 28.75 High 28.86 Low 28.39 Close 28.45 Volume 859.1K Chg -0.39 (-1.35%)

FM (Monthly) 28.45

MA(200) undef

PIVOTS 19.37, 22.41, 28.15, 31.20, 36.94

# CHART A20B. FRONTIER, MONTHLY CHART

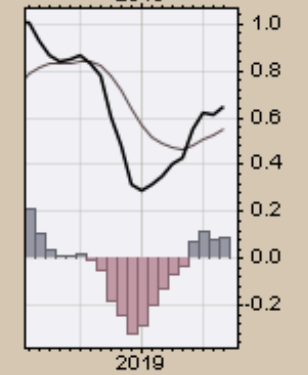
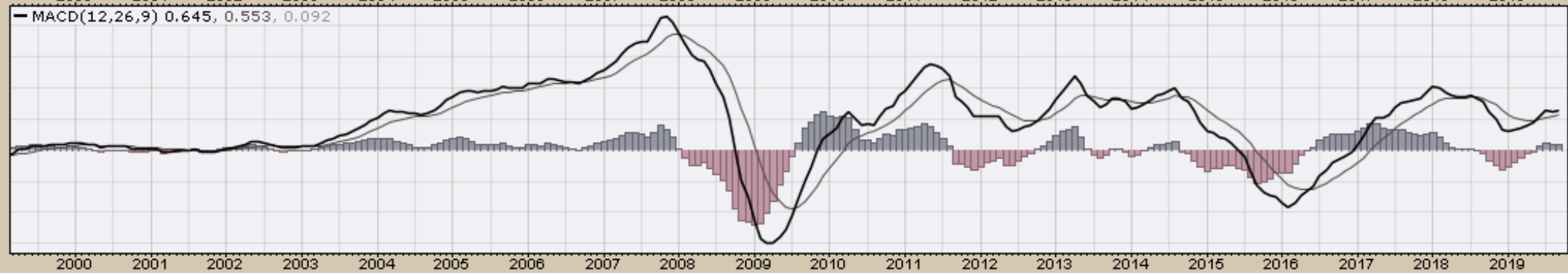
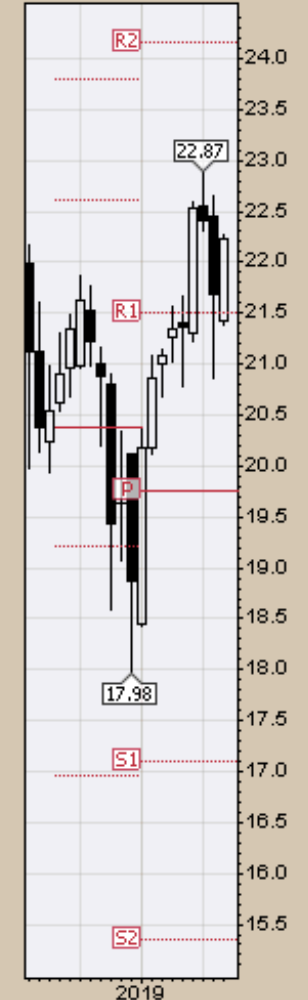
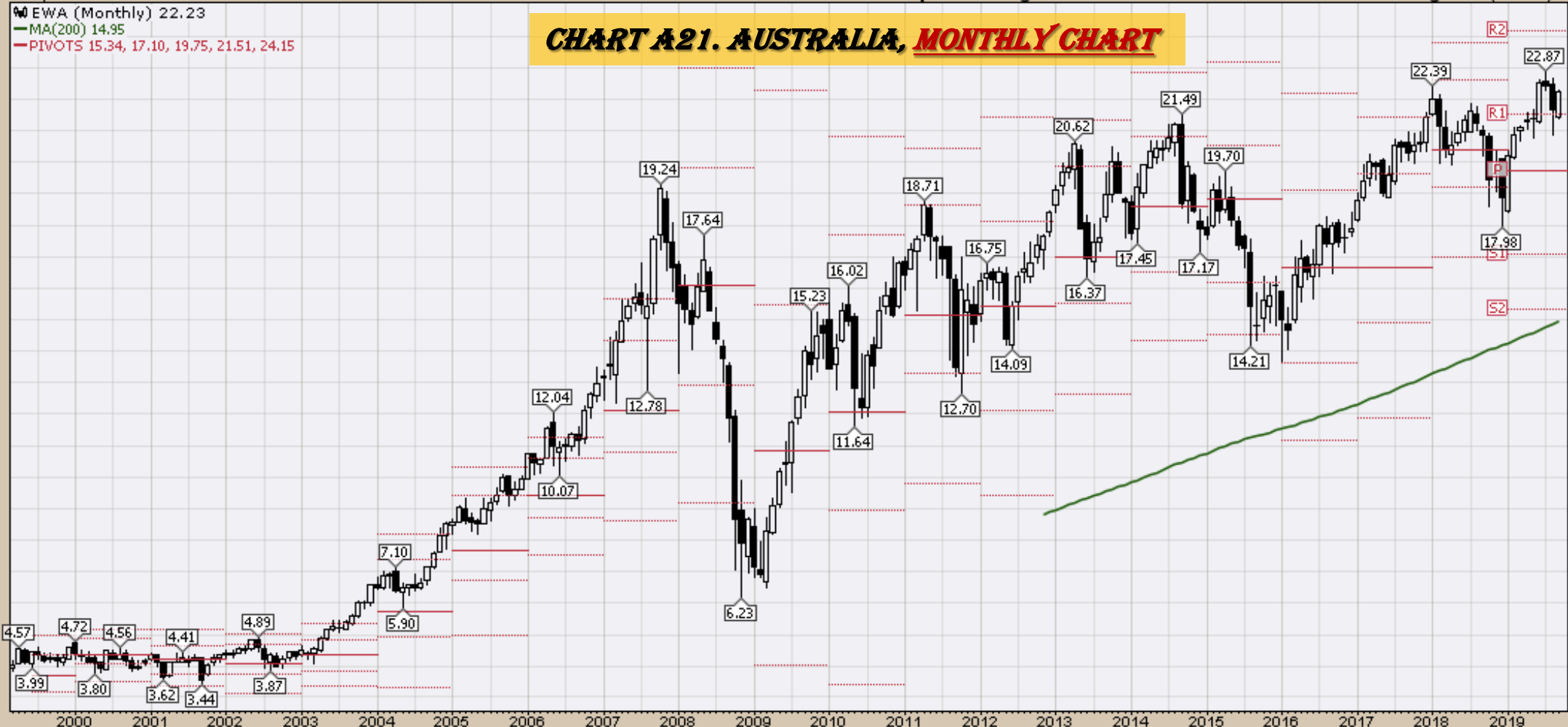


6-Sep-2019

Open 21.43 High 22.27 Low 21.39 Close 22.23 Volume 22.8M Chg +0.55 (+2.54%)▲

▲ EWA (Monthly) 22.23  
— MA(200) 14.95  
— PIVOTS 15.34, 17.10, 19.75, 21.51, 24.15

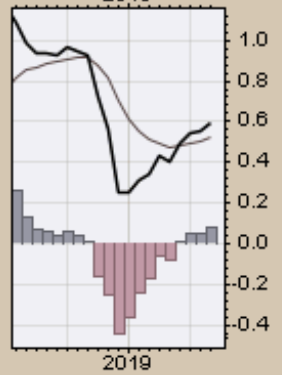
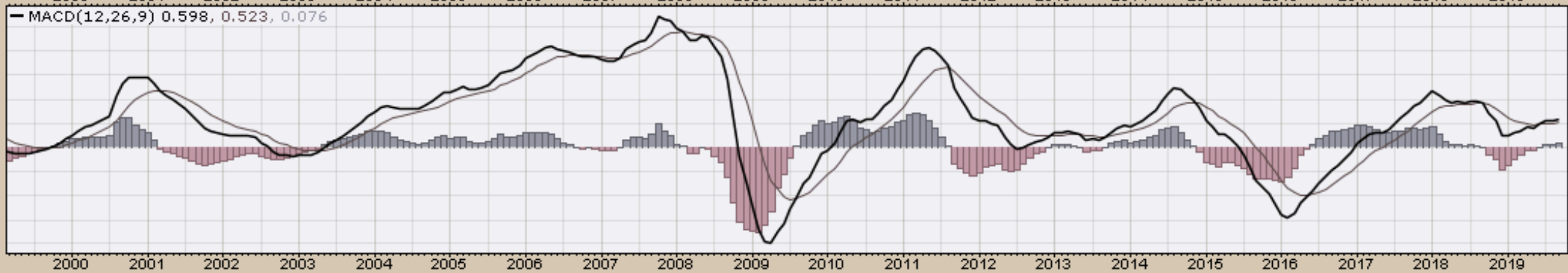
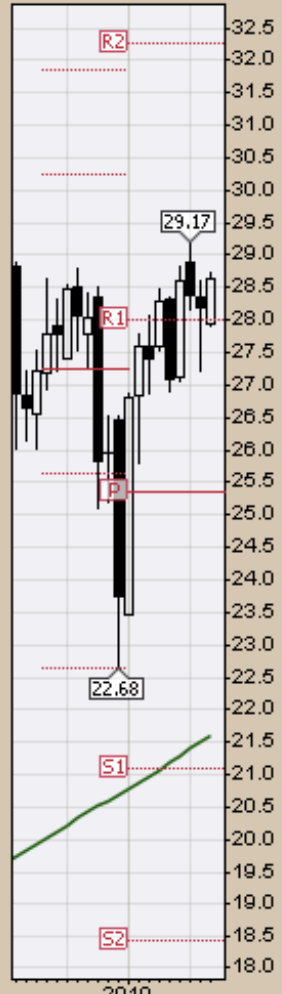
# CHART A21. AUSTRALIA, MONTHLY CHART



6-Sep-2019 Open 27.95 High 28.72 Low 27.91 Close 28.63 Volume 8.0M Chg +0.44 (+1.56%) ▲

▲ EWC (Monthly) 28.63  
— MA(200) 21.61  
— PIVOTS 18.43, 21.09, 25.34, 28.00, 32.25

# CHART A22. BRAZIL, MONTHLY CHART



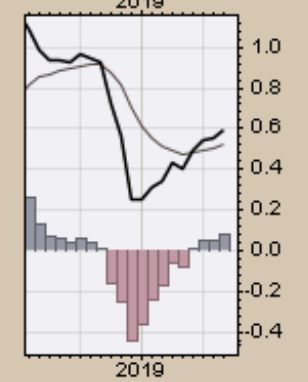
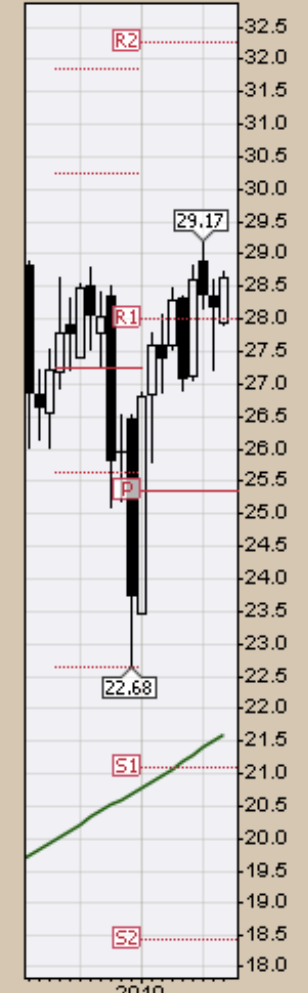


6-Sep-2019

Open 27.95 High 28.72 Low 27.91 Close 28.63 Volume 8.0M Chg +0.44 (+1.56%)▲

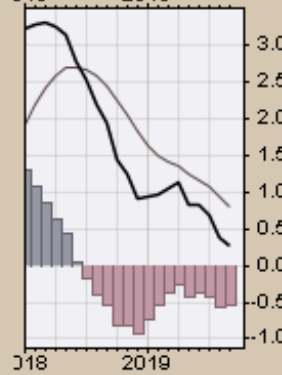
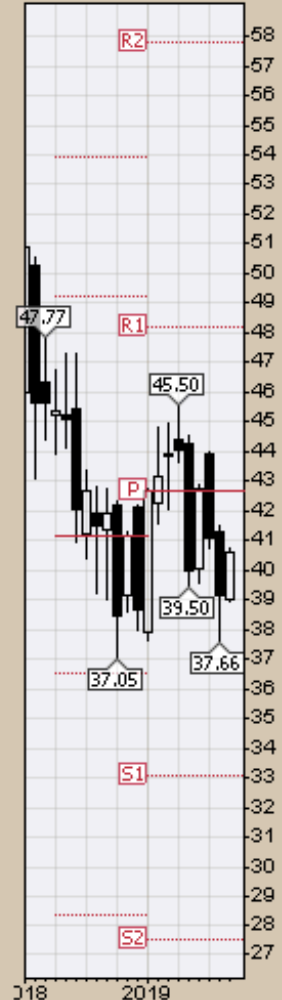
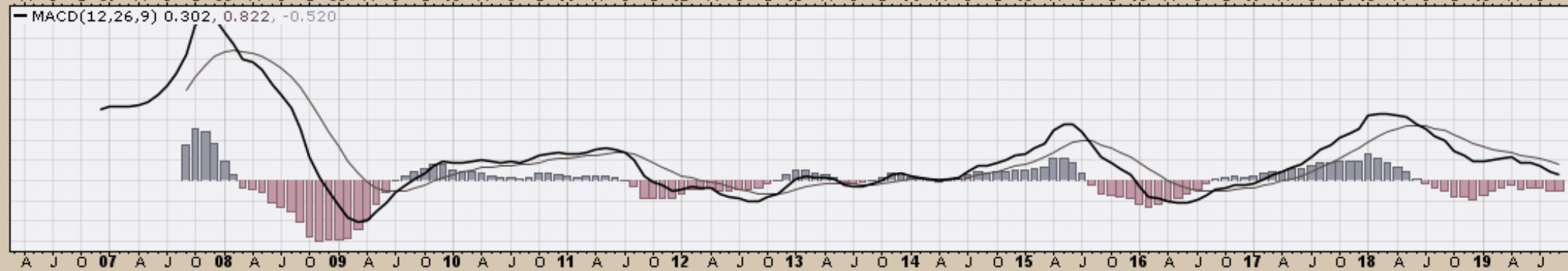
▲ EWC (Monthly) 28.63  
— MA(200) 21.61  
— PIVOTS 18.43, 21.09, 25.34, 28.00, 32.25

### CHART A23. CANADA, MONTHLY CHART



# CHART A24. CHINA, MONTHLY CHART

FXI (Monthly) 40.61  
MA(200) undef  
PIVOTS 27.51, 33.10, 42.64, 48.23, 57.76

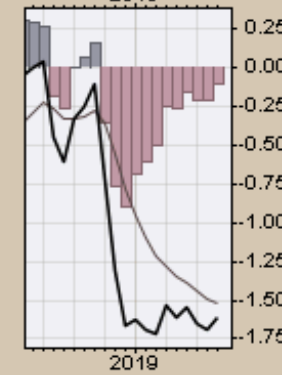
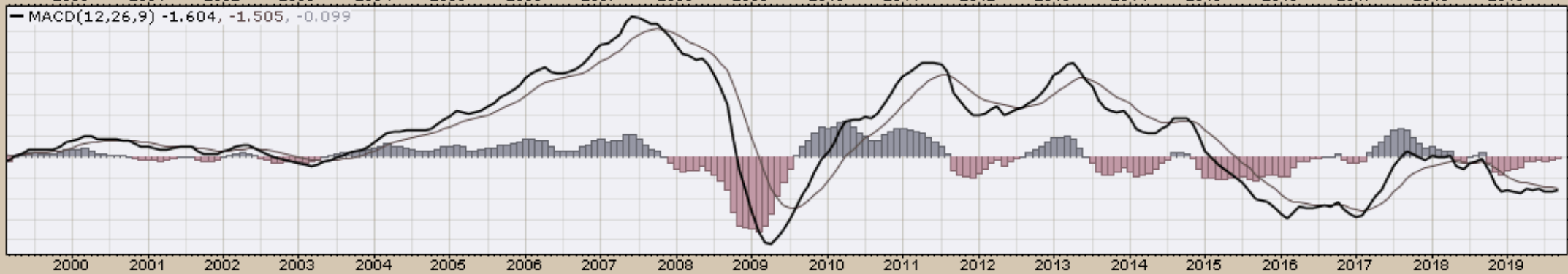
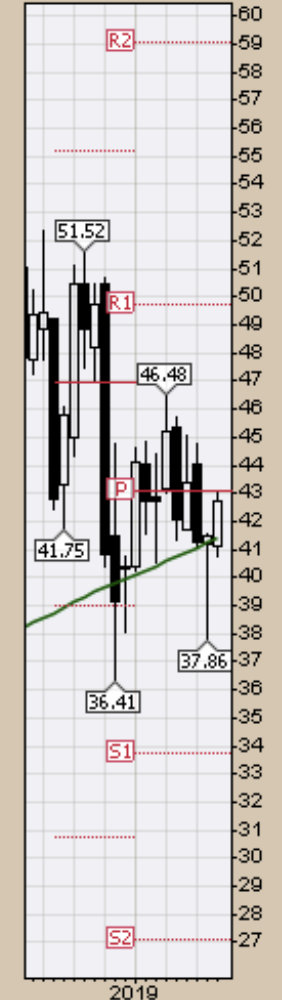


6-Sep-2019

Open 41.14 High 43.02 Low 40.72 Close 42.70 Volume 12.5M Chg +1.19 (+2.87%) ▲

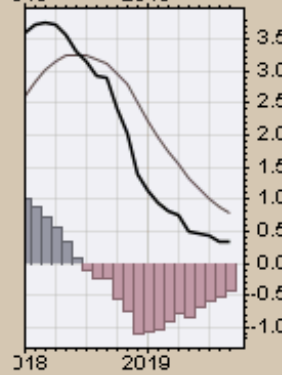
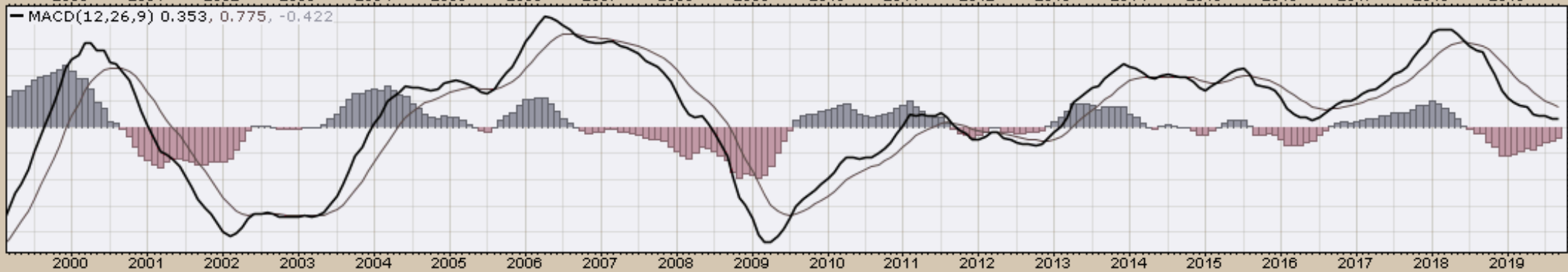
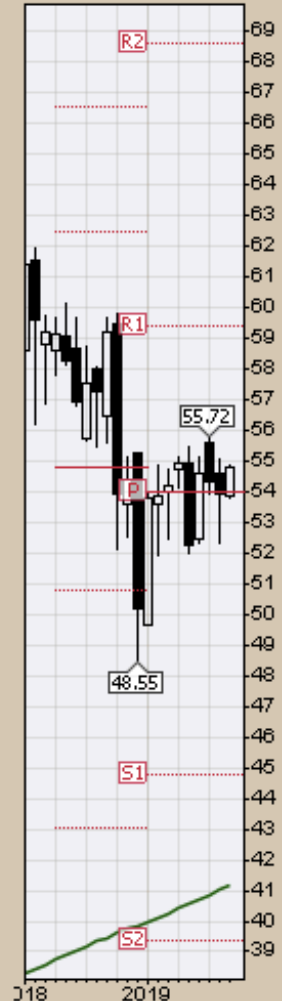
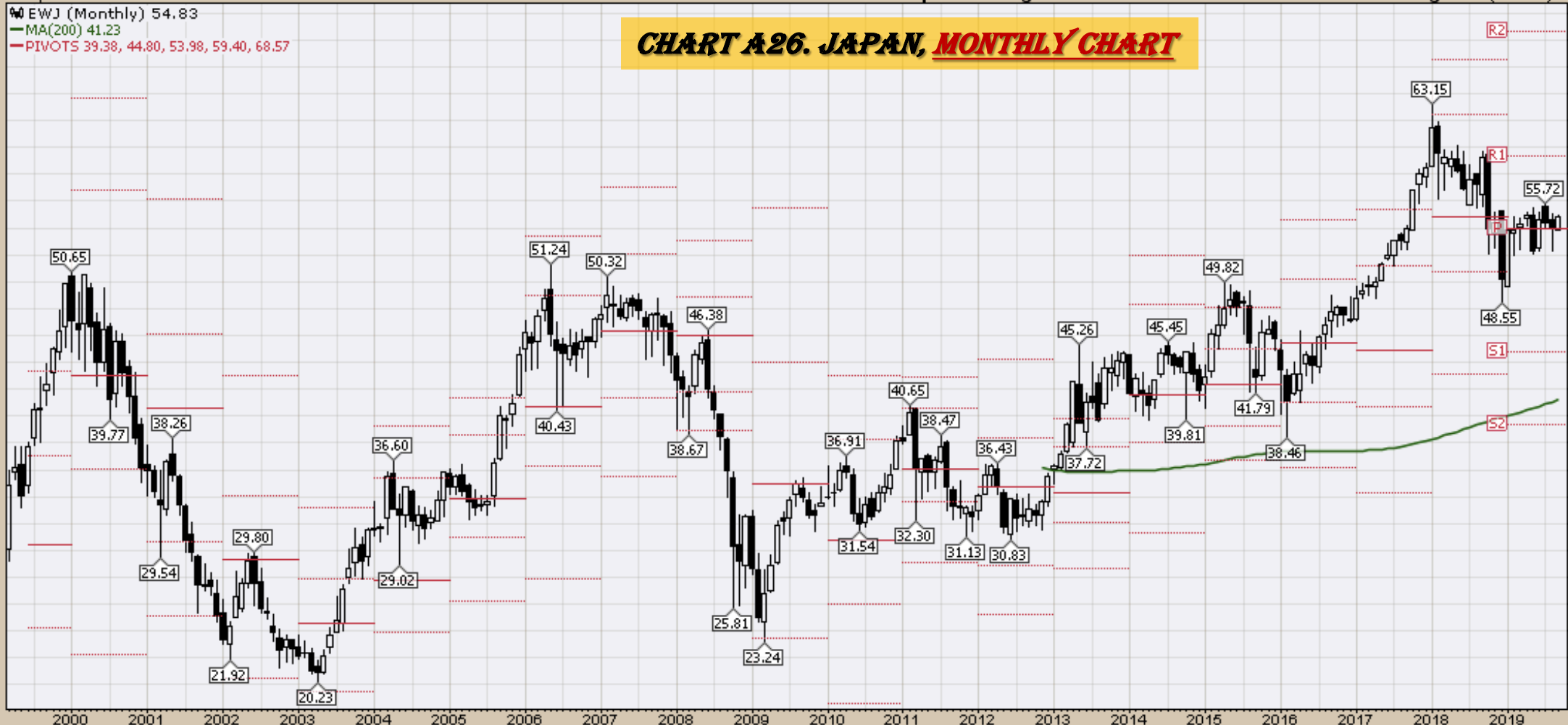
# CHART A25. MEXICO, MONTHLY CHART

EW (Monthly) 42.70  
MA(200) 41.41  
PIVOTS 27.08, 33.72, 43.05, 49.70, 59.03



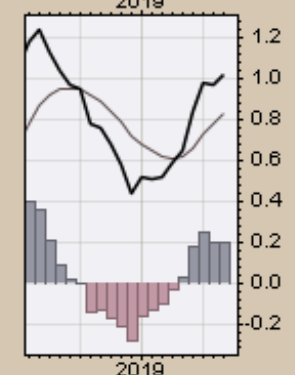
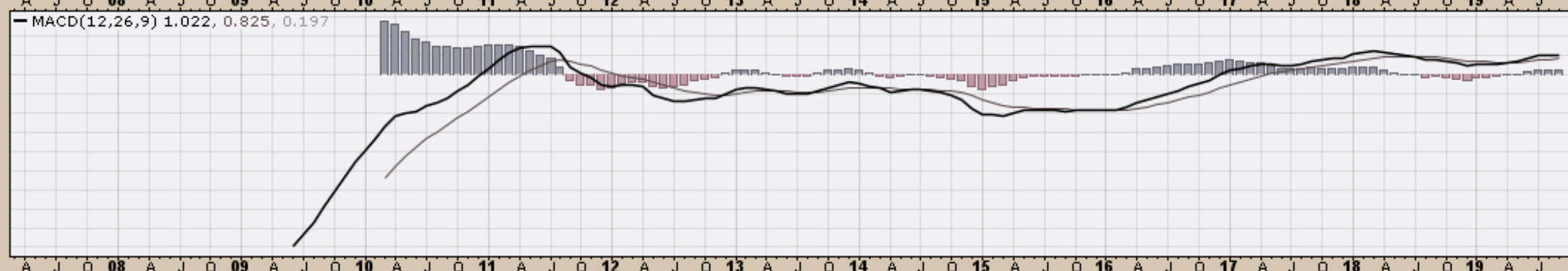
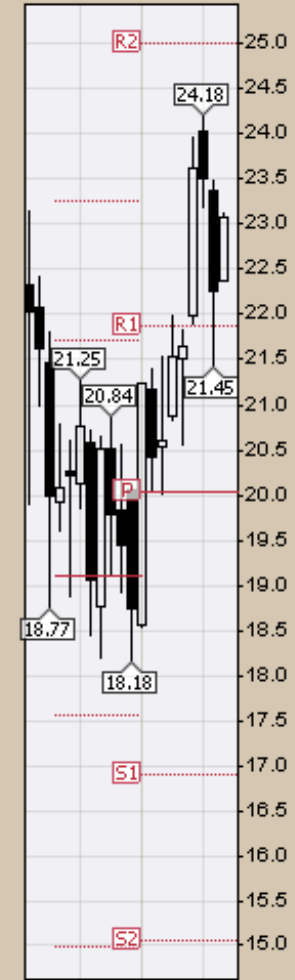
EWJ (Monthly) 54.83  
MA(200) 41.23  
PIVOTS 39.38, 44.80, 53.98, 59.40, 68.57

# CHART A26. JAPAN, MONTHLY CHART



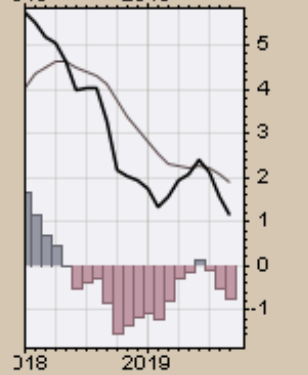
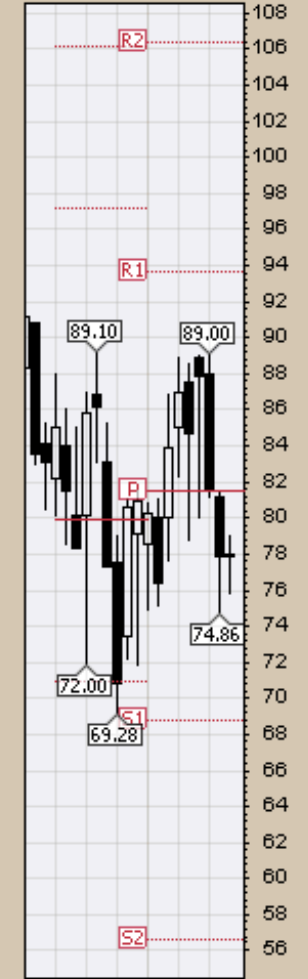
RSX (Monthly) 23.07  
MA(200) undef  
PIVOTS 15.06, 16.90, 20.03, 21.87, 24.99

### CHART A27. RUSSIA, MONTHLY CHART



INPTF (Monthly) 78.00  
MA(200) undef  
PIVOTS 56.57, 68.75, 81.45, 93.63, 106.33

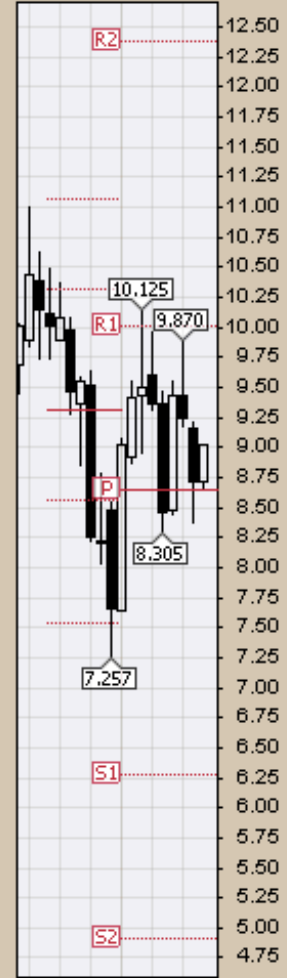
# CHART A28. INDIA, MONTHLY CHART



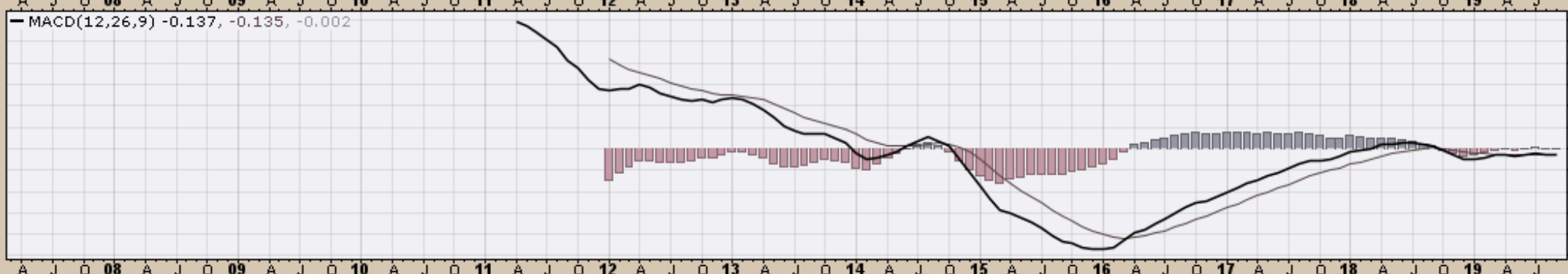
▲ GXG (Monthly) 9.02  
— MA(200) undef  
— PIVOTS 4.90, 6.28, 8.64, 10.02, 12.37



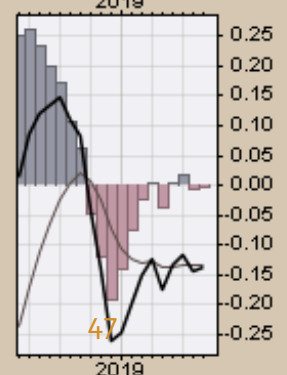
**CHART A29. COLUMBLA MONTHLY CHART**



2019



— MACD(12,26,9) -0.137, -0.135, -0.002



2019

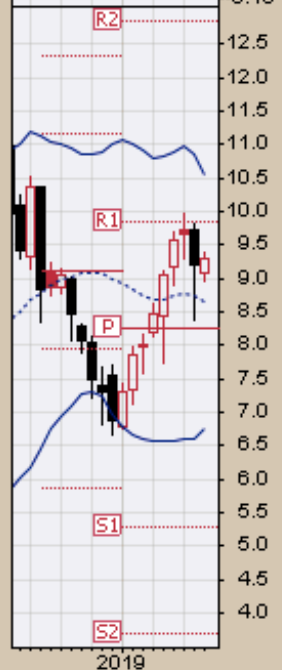
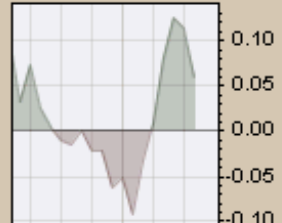
6-Sep-2019

Open 9.08 High 9.38 Low 8.96 Close 9.31 Volume 2.3M Chg +0.12 (+1.31%)▲

▲ CMF(20) 0.059 (30 Aug)

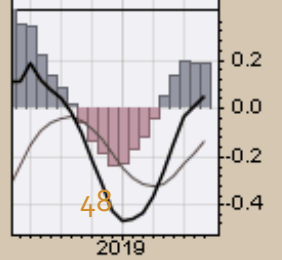
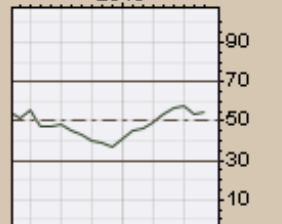
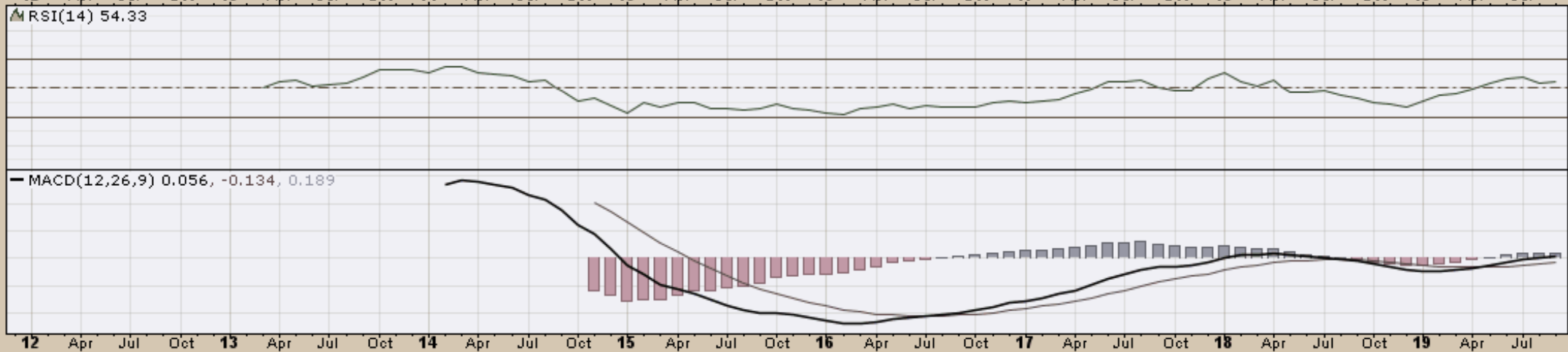
▲ GREK (Monthly) 9.31  
— BB(20,2,0) 6.76 - 8.66 - 10.55  
— PIVOTS 3.68, 5.27, 8.25, 9.85, 12.83

### CHART A30. GREECE MONTHLY CHART



▲ RSI(14) 54.33

— MACD(12,26,9) 0.056, -0.134, 0.189

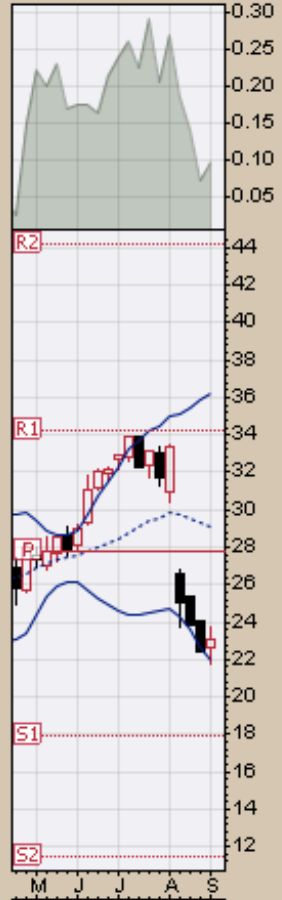




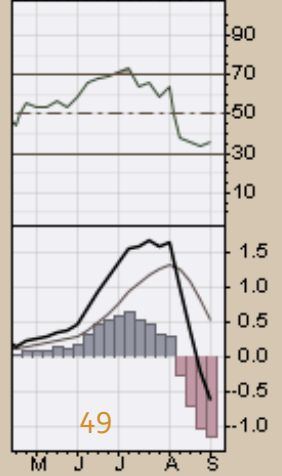
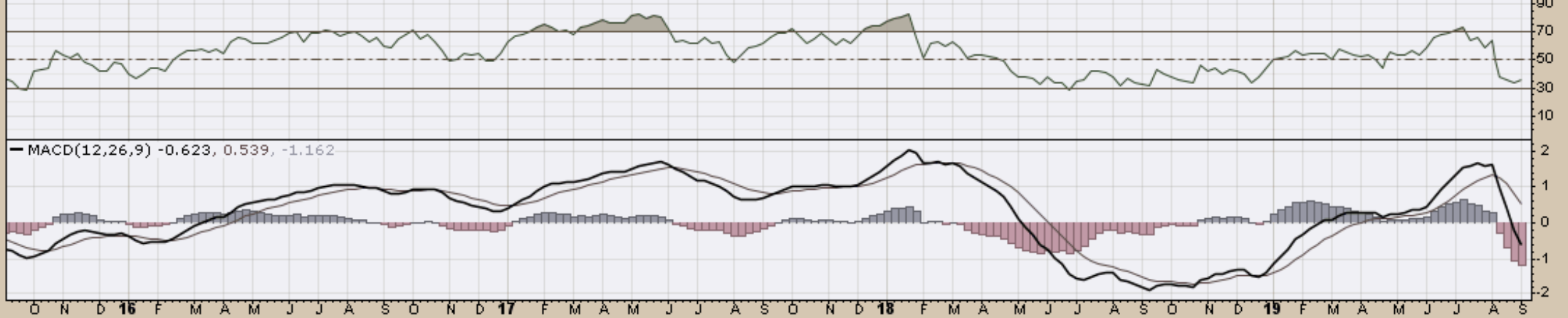
▲ CMF(20) 0.097

▲ ARGT (Weekly) 23.06  
— BB(20,2.0) 21.97 - 29.09 - 36.20  
— PIVOTS 11.42, 17.91, 27.78, 34.27, 44.14

# CHART A30. ARGENTINA, MONTHLY CHART



▲ RSI(14) 35.71

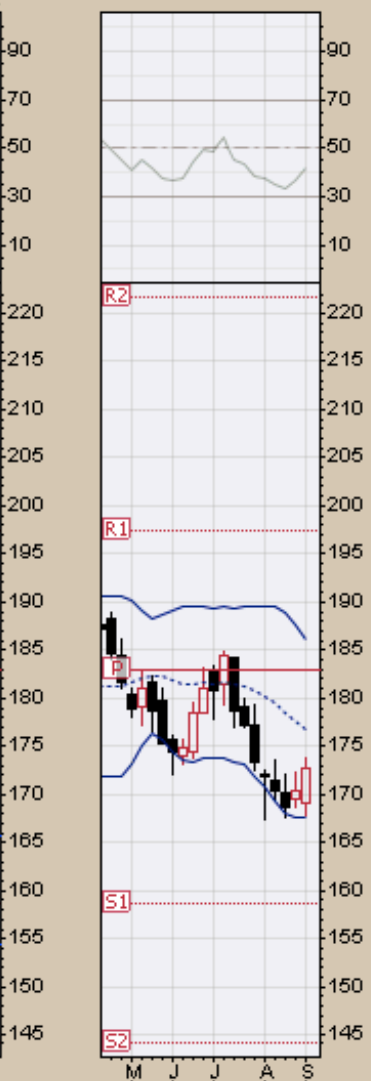


*CRB Commodity Index*  
*Weekly, Daily, Monthly and Quarterly Charts*

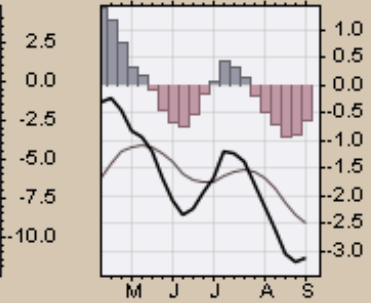
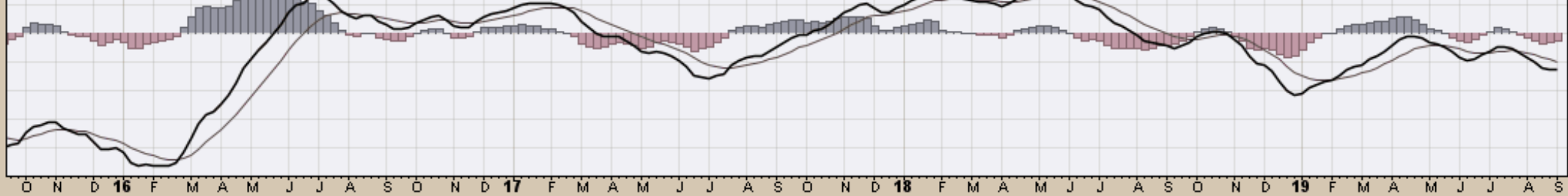
▲ RSI(14) 41.67

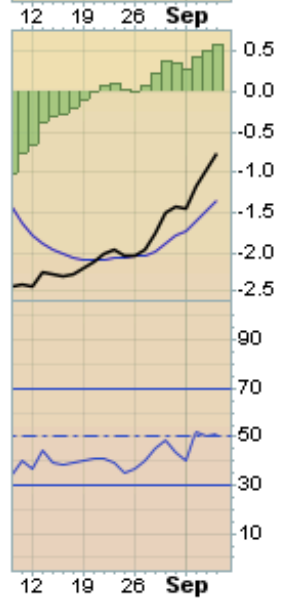
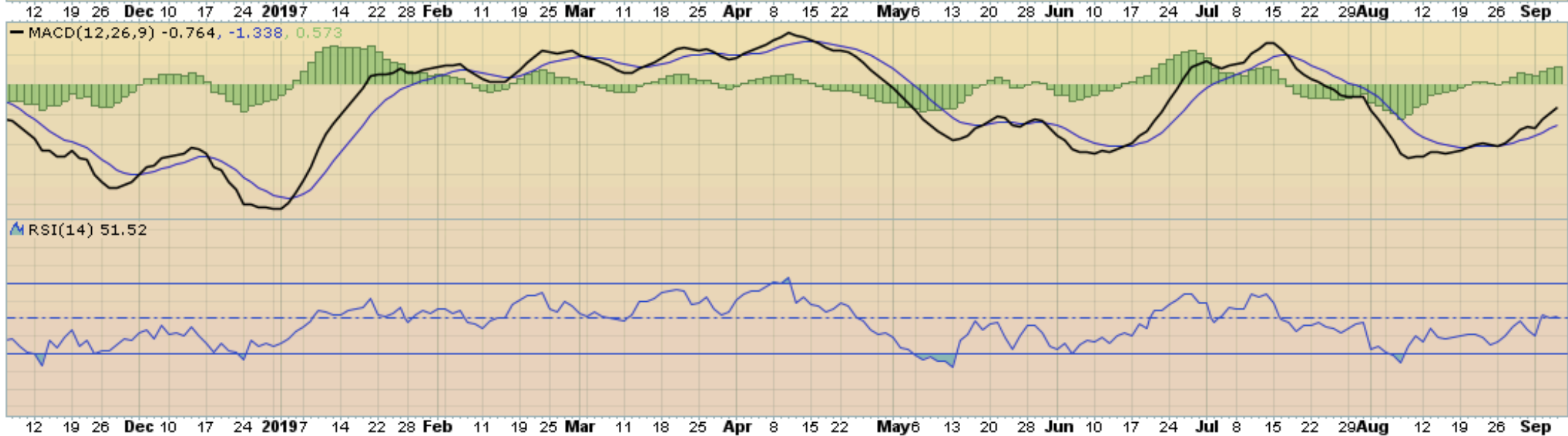
### CHART B1. \$CRB REUTERS/JEFFERIES CRB INDEX WEEKLY CHART

▲ \$CRB (Weekly) 172.62  
— BB(20,2,0) 167.69 - 176.87 - 186.06  
— PIVOTS 144.10, 158.73, 182.84, 197.47, 221.58  
■ Volume undef



— MACD(12,26,9) -3.128, -2.487, -0.641

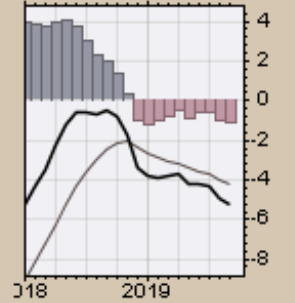
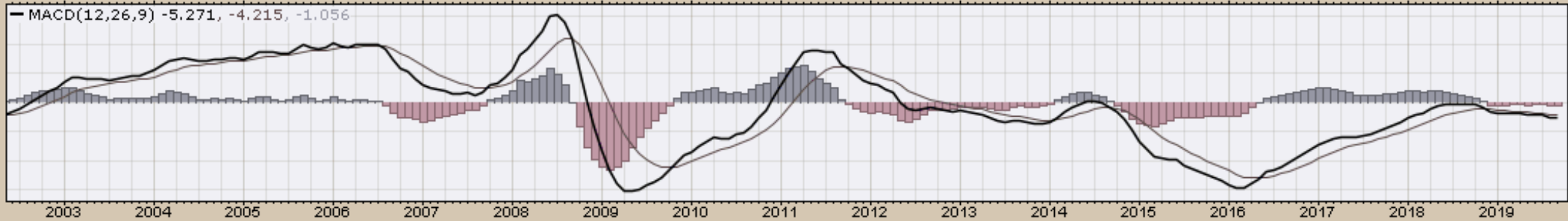




RSI(14) 39.70

### CHART B3. \$CRB REUTERS/JEFFERIES CRB INDEX MONTHLY CHART

\$CRB (Monthly) 172.62  
BB(20,2,0) 166.00 - 186.40 - 206.80  
PIVOTS 142.91, 156.36, 181.65, 195.10, 220.39  
Volume undef



MACD(12,26,9) -22.325, -24.145, 1.821

% \$CRB (Quarterly) 172.62

MA(50) 258.82

MA(200) 232.75

EMA(20) 201.31

### CHART B4. \$CRB REUTERS/JEFFERIES CRB INDEX QUARTERLY CHART



6-Sep-2019

— \$CRB (Monthly) 172.62  
— MA(200) 268.06  
■ Volume undef

# CHART B5. \$CRB REUTERS/JEFFERIES CRB INDEX MONTHLY CHART



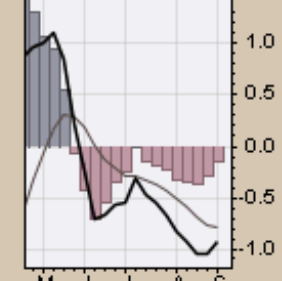
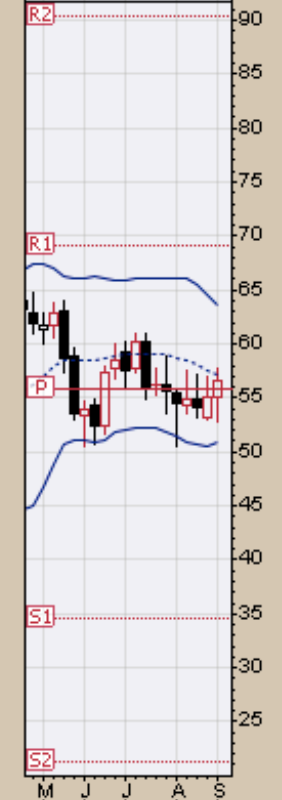
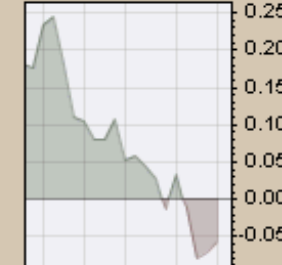
***\$WTIC Light Crude Oil***  
***Weekly, Daily, Monthly and Quarterly Charts***



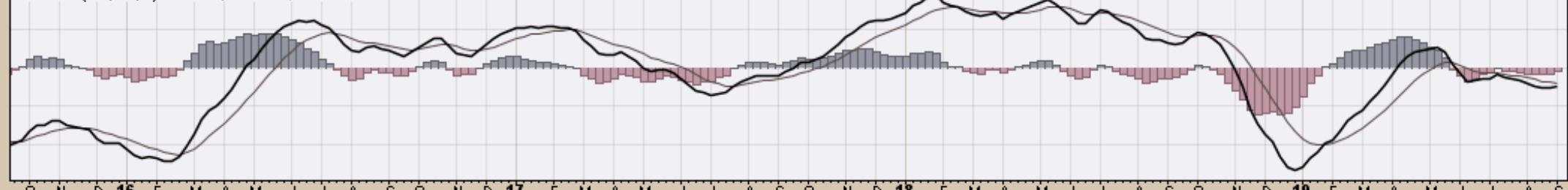
▲ CMF(20) -0.056

▲ \$WTIC (Weekly) 56.52  
— BB(20,2,0) 50.86 - 57.24 - 63.62  
— PIVOTS 21.20, 34.58, 55.74, 69.12, 90.28

**CHART B6. \$WTIC, WEEKLY CHART**



— MACD(12,26,9) -0.930, -0.791, -0.140



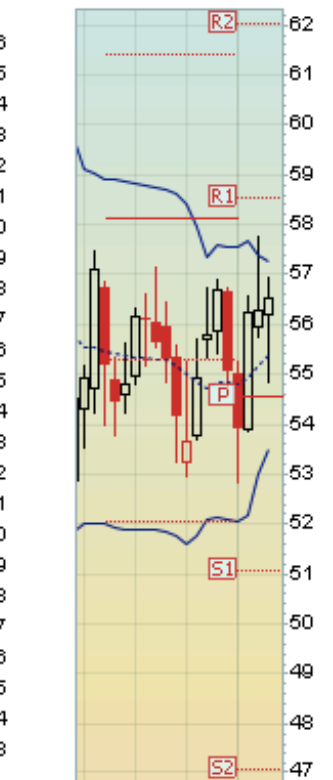
6-Sep-2019

Open 56.19 High 56.95 Low 54.83 Close 56.52 Volume 70.4M Chg +0.22 (+0.39%) ▲

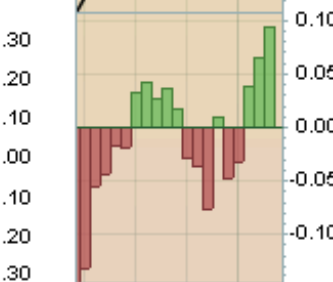
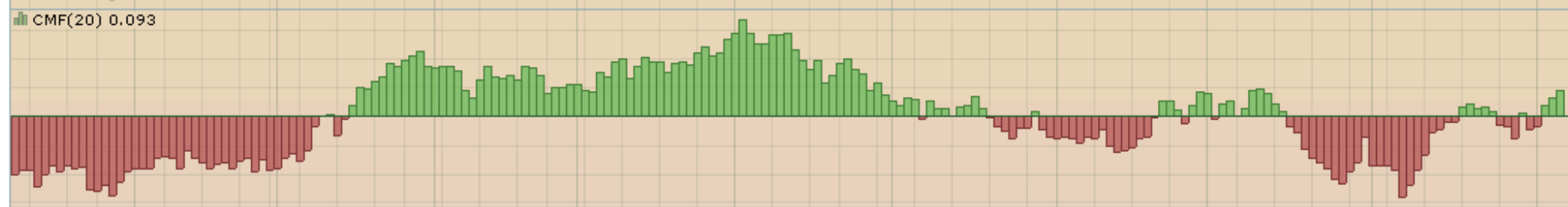
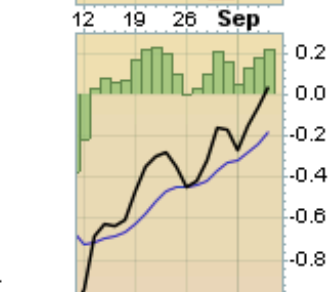
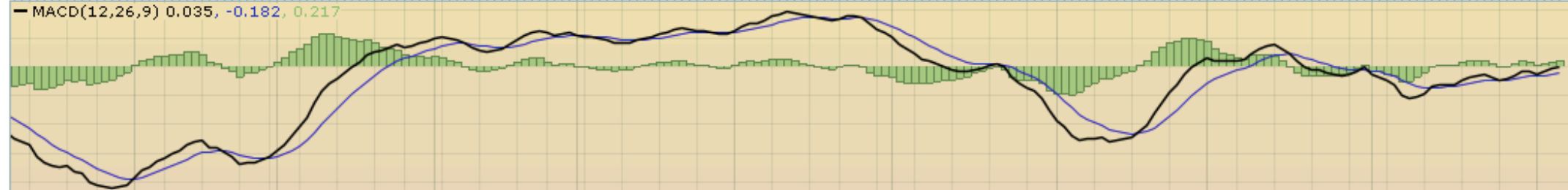
Light Crude Oil - Continuous Contract (EOD) (Daily) 56.52

BB(20,2,0) 53.49 - 55.38 - 57.28

PIVOTS 47.07, 51.08, 54.54, 58.55, 62.01



12 19 26 Dec 10 17 24 2019 7 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr 8 15 22 May 6 13 20 28 Jun 10 17 24 Jul 8 15 22 29 Aug 12 19 26 Sep



12 19 26 Dec 10 17 24 2019 7 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr 8 15 22 May 6 13 20 28 Jun 10 17 24 Jul 8 15 22 29 Aug 12 19 26 Sep

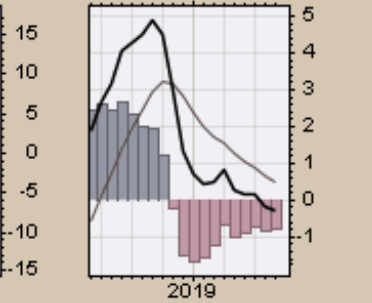
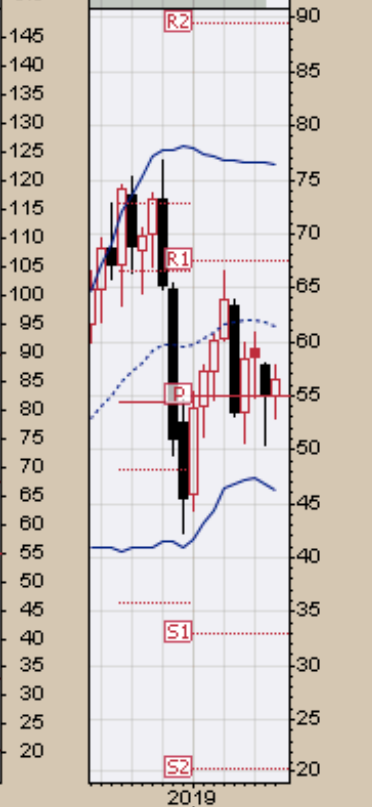
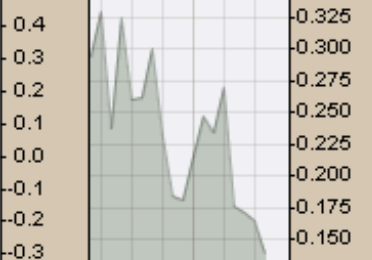
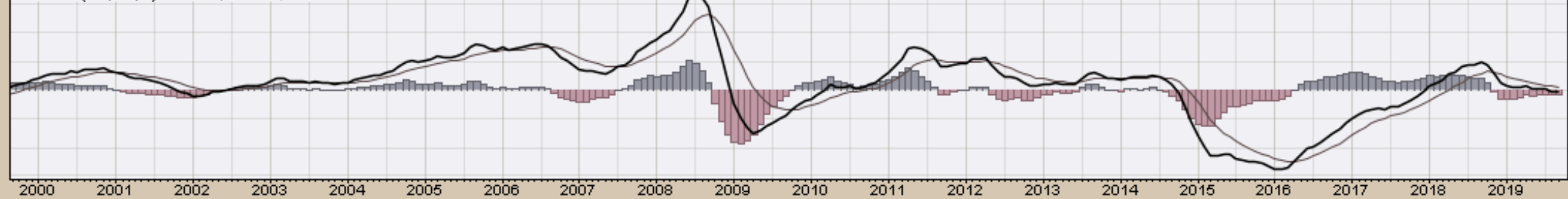
▲ CMF(20) 0.139 (30 Aug)

# CHART B8. \$WTIC, MONTHLY CHART

▲ \$WTIC (Monthly) 56.52  
— BB(20,2,0) 46.32 - 61.35 - 76.38  
— PIVOTS 20.35, 32.88, 54.89, 67.42, 89.43



— MACD(12,26,9) -0.298, 0.473, -0.771



— \$WTIC (Monthly) 56.52  
— MA(200) 68.65

### CHART B9A. \$WTIC, MONTHLY CHART



MACD(12,26,9) -3.914, -5.013, 1.100

\$WTIC (Quarterly) 56.52  
MA(50) 75.06  
MA(200) undef  
EMA(20) 61.13

**CHART B9B. \$WTIC, QUARTERLY CHART**



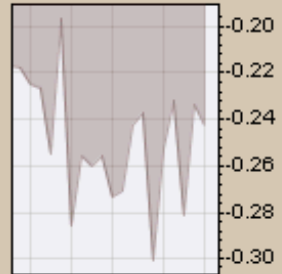
# *Soybeans*

*Weekly, Daily, Monthly and Quarterly Charts*

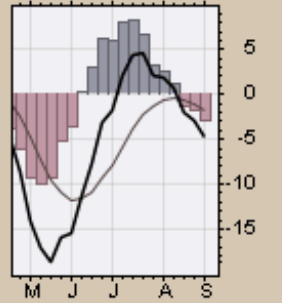
▲ CMF(20) -0.243

▲ \$SOYB (Weekly) 857.75  
— BB(20,2,0) 809.26 - 874.80 - 940.34  
— PIVOTS 668.50, 795.00, 938.75, 1065.25, 1209.00

### CHART B10. SOYBEANS, WEEKLY CHART

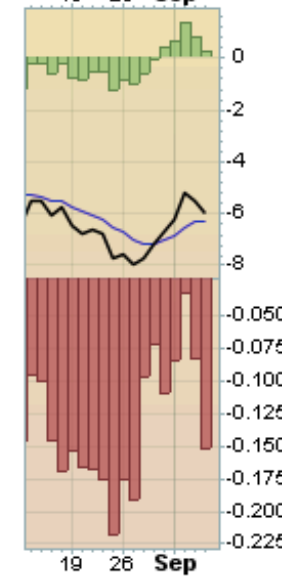
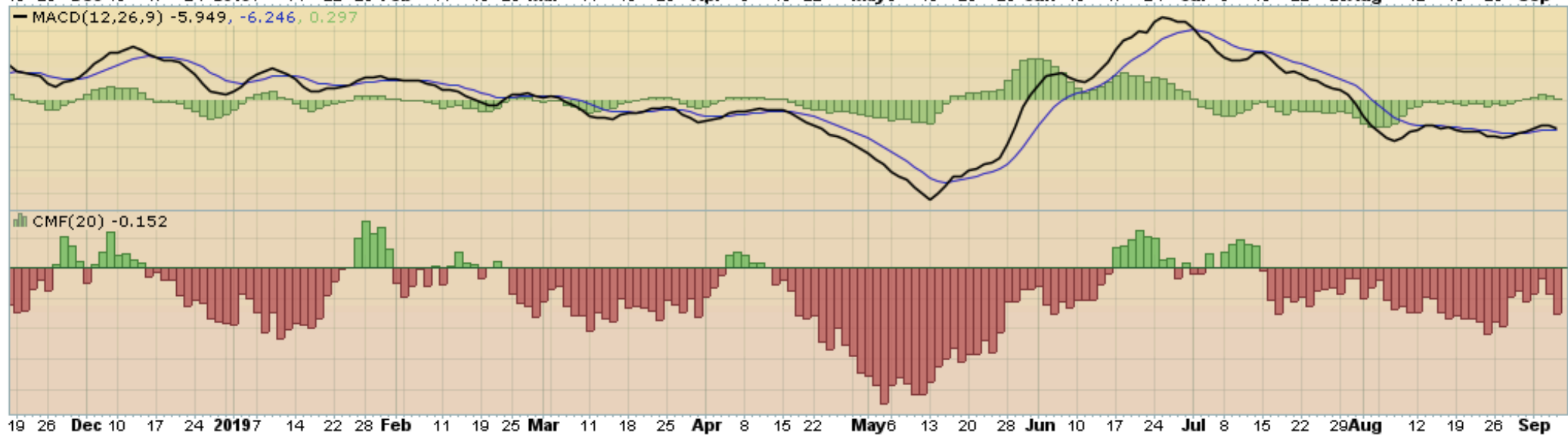
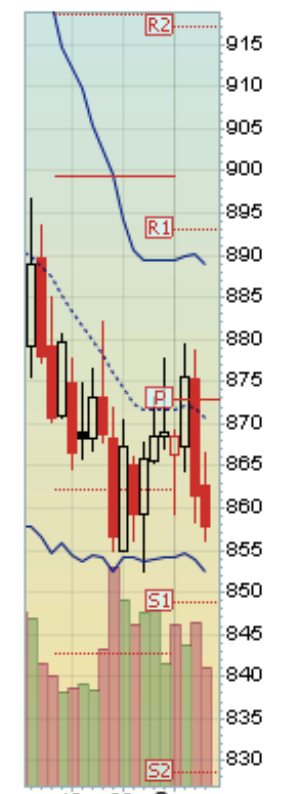


— MACD(12,26,9) -4.728, -1.863, -2.865



SOYB Soybeans - Continuous Contract (EOD) (Daily) 857.75  
BB(20,2,0) 852.42 - 870.72 - 889.03  
PIVOTS 828.50, 848.75, 872.75, 893.00, 917.00  
Volume 79,205

**CHART B11. SOYBEANS, DAILY CHART**



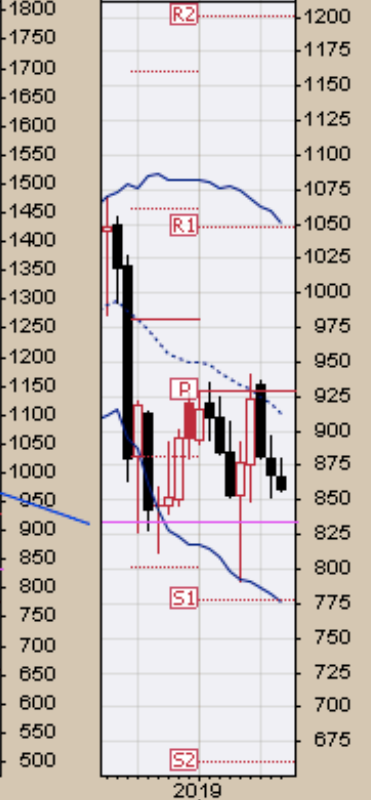
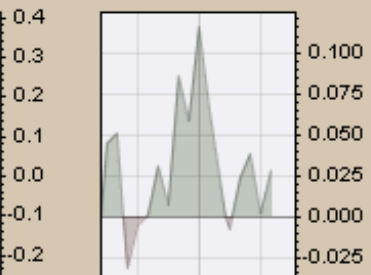


6-Sep-2019

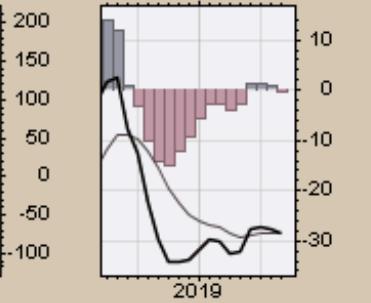
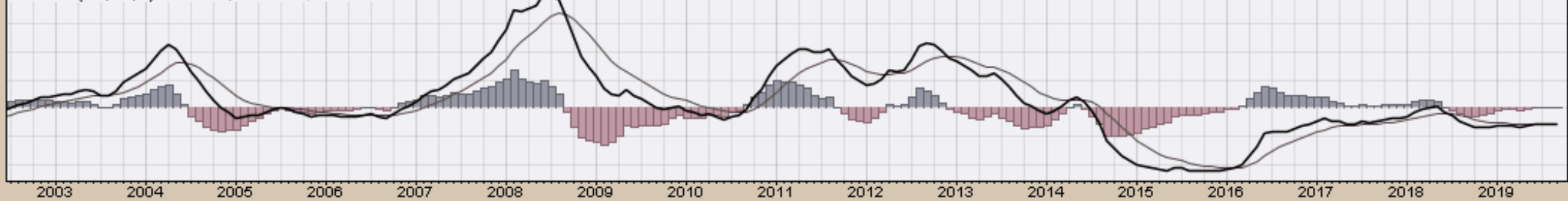
▲ CMF(20) 0.028 (30 Aug)

### CHART B12. SOYBEANS, MONTHLY CHART

▲ \$SOYB (Monthly) 857.75  
— BB(20,2,0) 776.57 - 913.47 - 1050.38  
— PIVOTS 659.67, 777.33, 929.92, 1047.58, 1200.17



— MACD(12,26,9) -28.479, -28.343, -0.136



— \$SOYB (Monthly) 857.75  
— MA(200) 997.65

### CHART B13A. SOYBEANS, MONTHLY CHART



MACD(12,26,9) -62.352, -53.843, -8.510

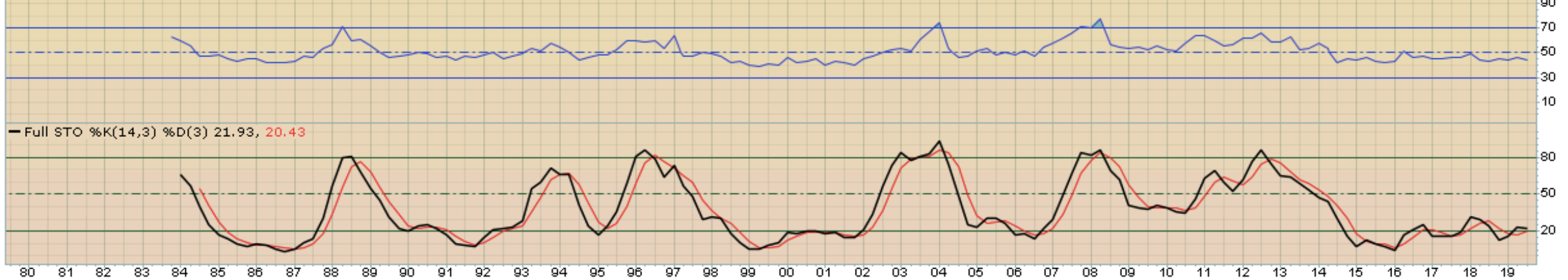
\$SOYB (Quarterly) 857.75

**CHART B13B. SOYBEANS, QUARTERLY CHART**



RSI(14) 43.86

Full STO %K(14,3) %D(3) 21.93, 20.43



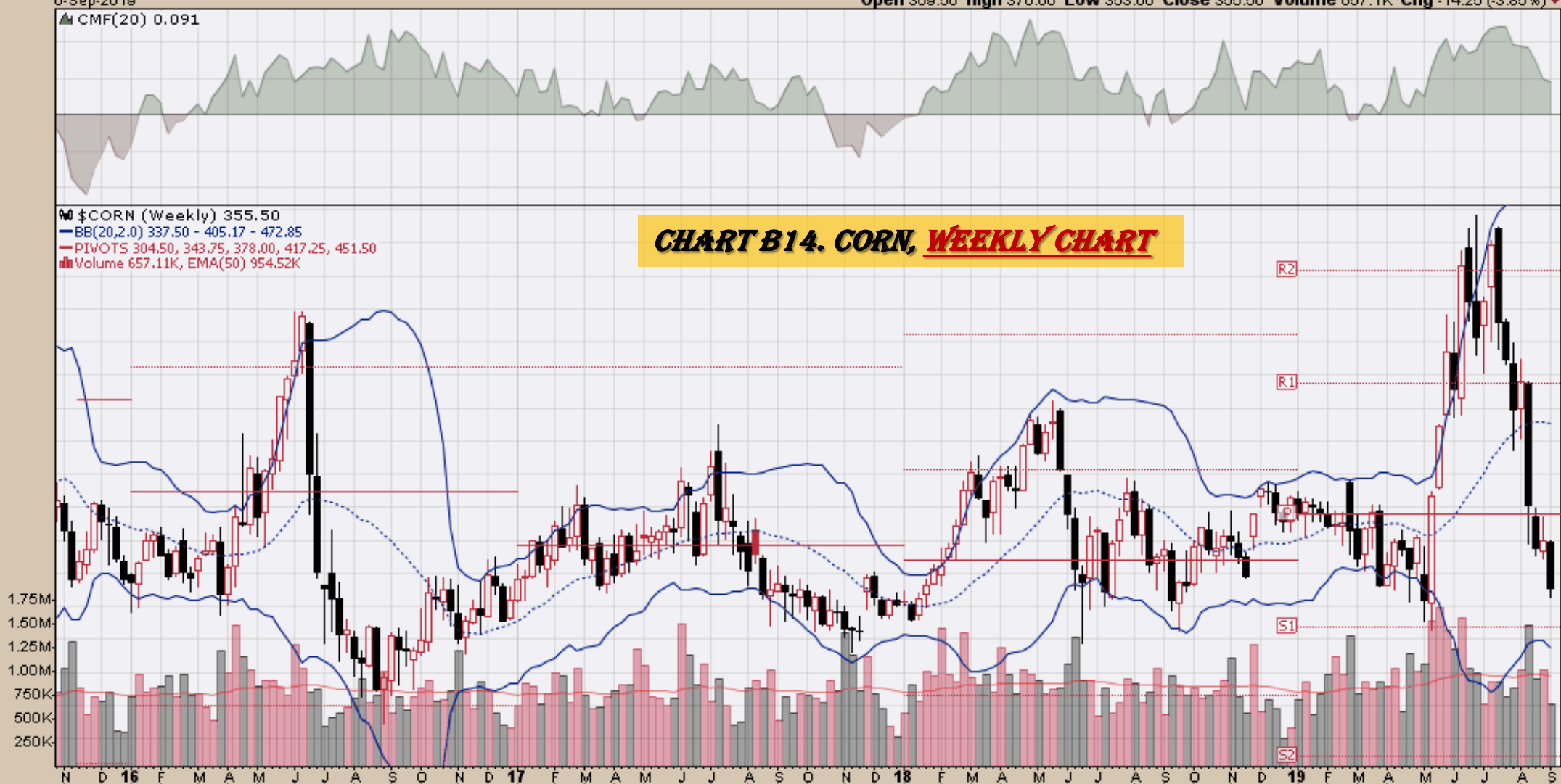
*Corn*

*Weekly, Daily, Monthly and Quarterly Charts*

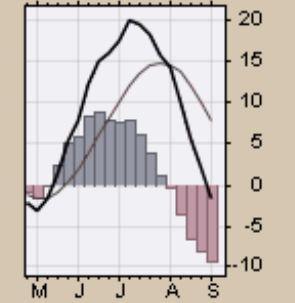
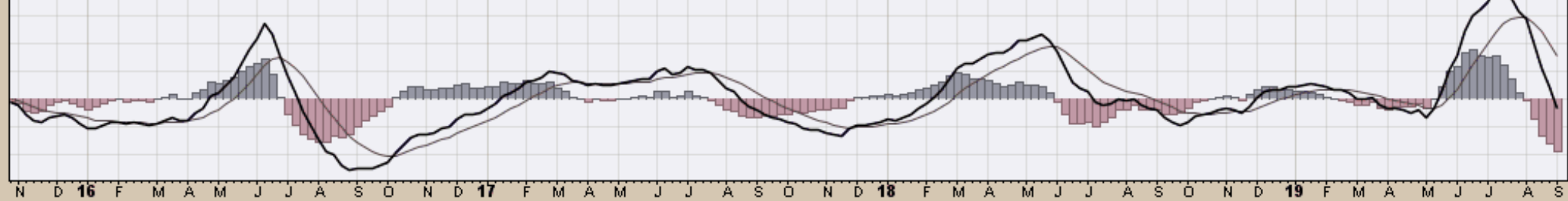
▲ CMF(20) 0.091

📉 \$CORN (Weekly) 355.50  
— BB(20,2,0) 337.50 - 405.17 - 472.85  
— PIVOTS 304.50, 343.75, 378.00, 417.25, 451.50  
📊 Volume 657.11K, EMA(50) 954.52K

### CHART B14. CORN, WEEKLY CHART

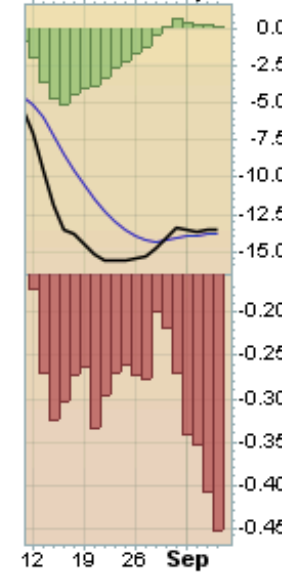
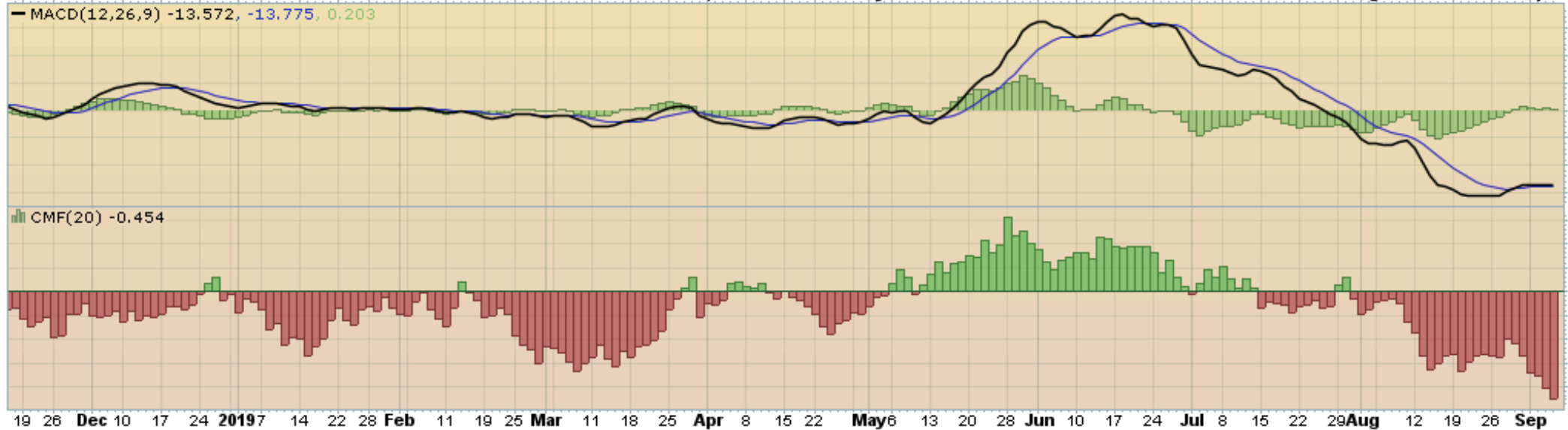
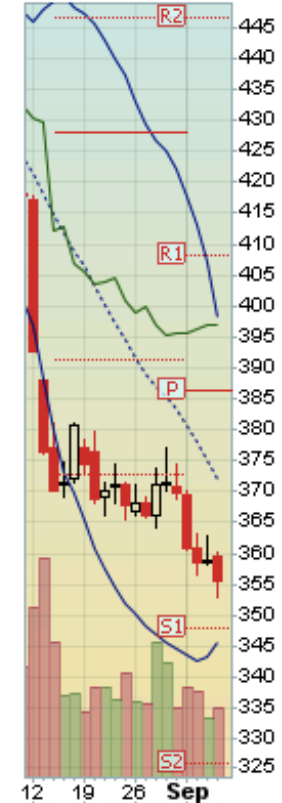


— MACD(12,26,9) -1.616, 7.792, -9.408



☞ Corn - Continuous Contract (EOD) (Daily) 355.50  
— BB(20,2,0) 345.74 - 372.08 - 398.41  
— PIVOTS 325.92, 347.83, 386.17, 408.08, 446.42  
— CHANDLR(22,3,0) 397.05  
■ Volume 149,060

### CHART B15. CORN, DAILY CHART



6-Sep-2019

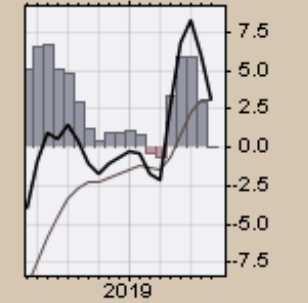
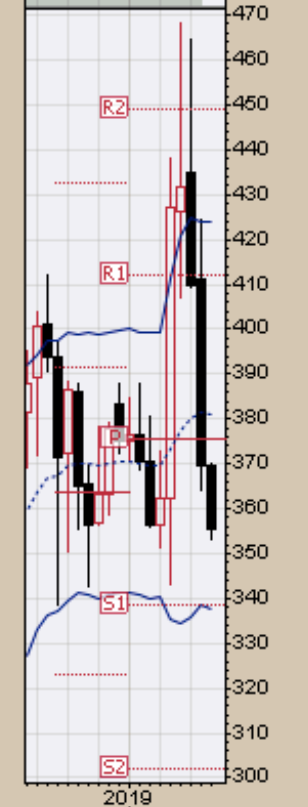
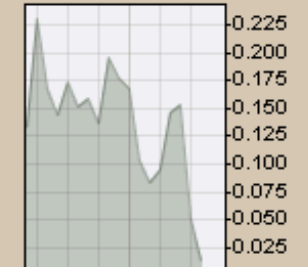
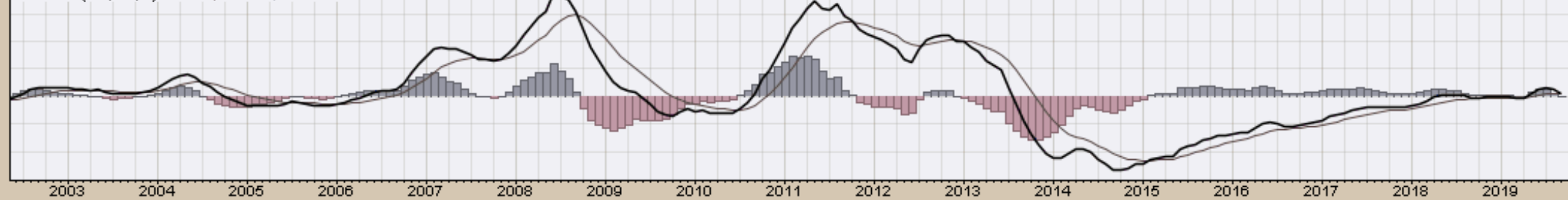
▲ CMF(20) 0.013 (30 Aug)

### CHART B16. CORN, MONTHLY CHART

▲ \$CORN (Monthly) 355.50  
— BB(20,2,0) 337.82 - 380.98 - 424.13  
— PIVOTS 301.83, 338.42, 375.33, 411.92, 448.83

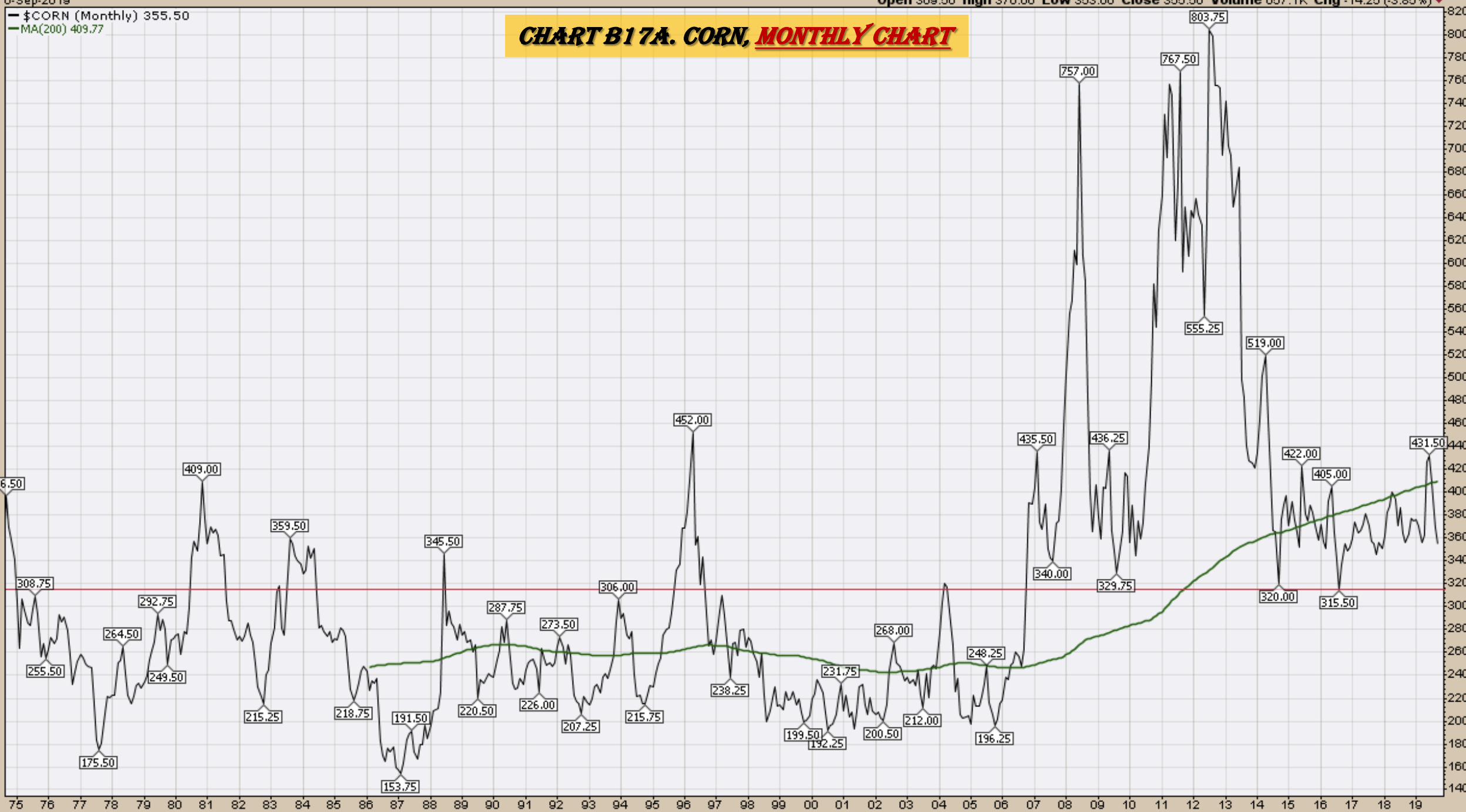


— MACD(12,26,9) 3.045, 3.055, -0.010



\$CORN (Monthly) 355.50  
MA(200) 409.77

### CHART B17A. CORN, MONTHLY CHART





MACD(12,26,9) -21.726, -26.838, 5.112

% \$CORN (Quarterly) 355.50

MA(50) 459.32

MA(200) 300.17

EMA(20) 390.72

**CHART B17B. CORN, QUARTERLY CHART**



RSI(14) 45.64



Full STO %K(14,3) %D(3) 45.44, 44.44



# *Rice*

**CHART B18. ROUGH RICE, NEARBY, 20 YEAR**



**CHART B19. ROUGH RICE, NEARBY, 5 YEAR**

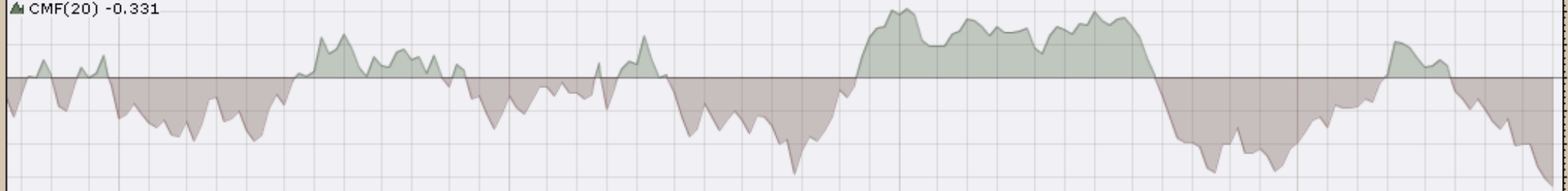




*Cotton*

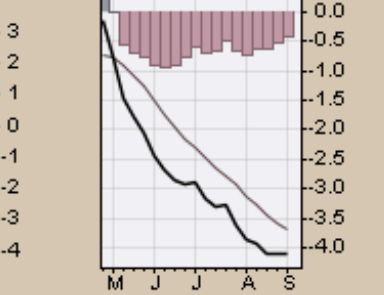
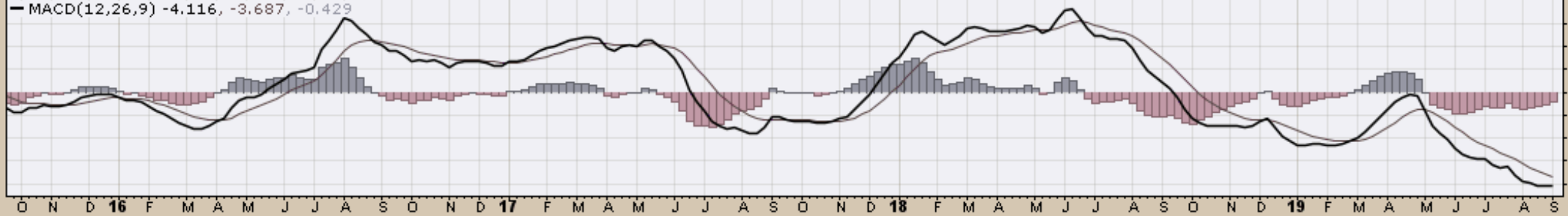
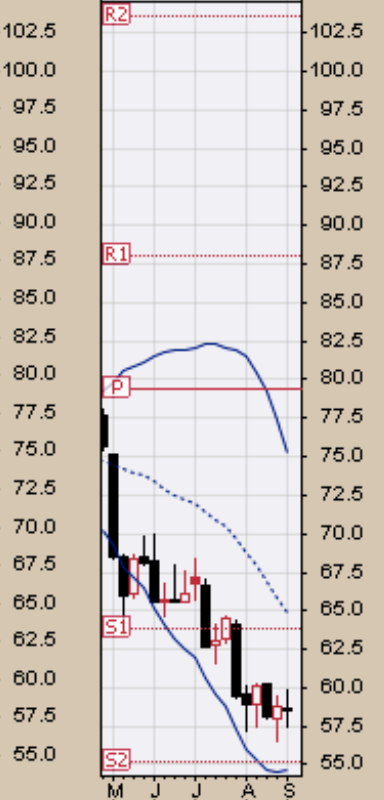
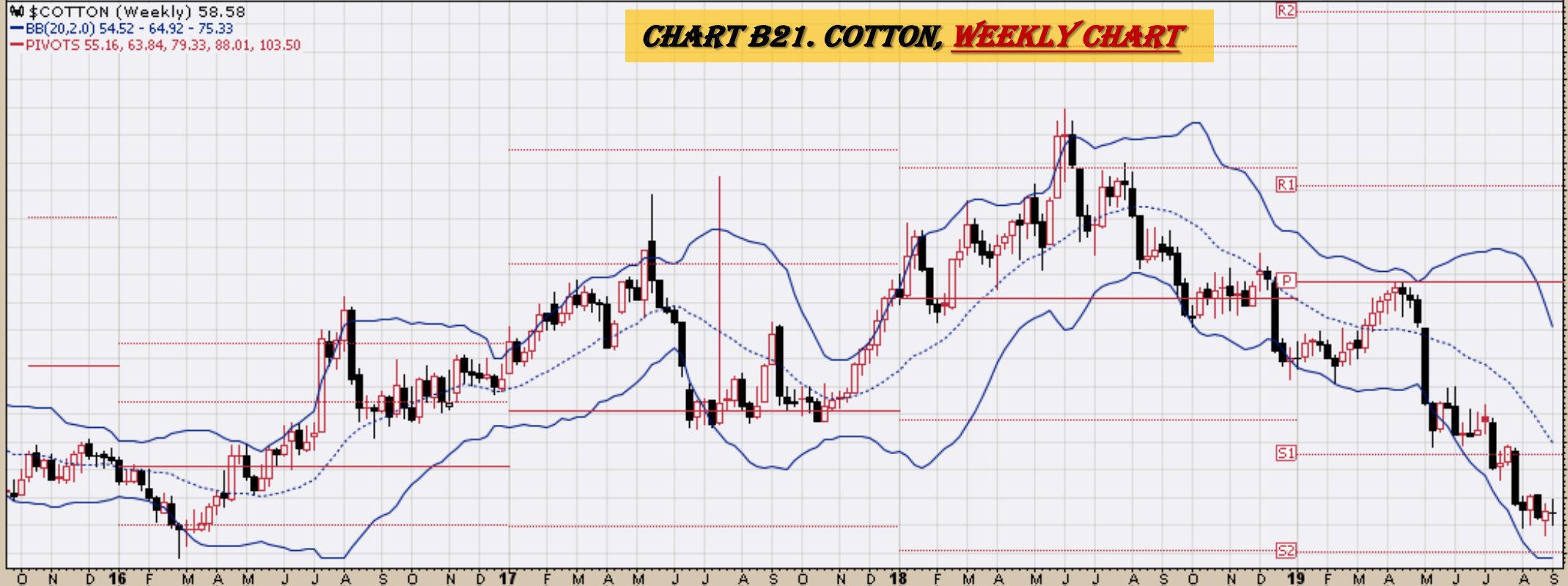
*Weekly, Daily, Monthly and Quarterly Charts*

6-Sep-2019 Open 58.65 High 59.86 Low 57.55 Close 58.58 Volume 61.2K Chg -0.25 (-0.42%)



Ⓢ \$COTTON (Weekly) 58.58  
 — BB(20,2,0) 54.52 - 64.92 - 75.33  
 — PIVOTS 55.16, 63.84, 79.33, 88.01, 103.50

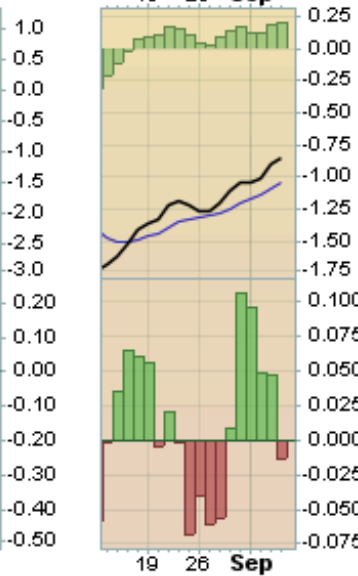
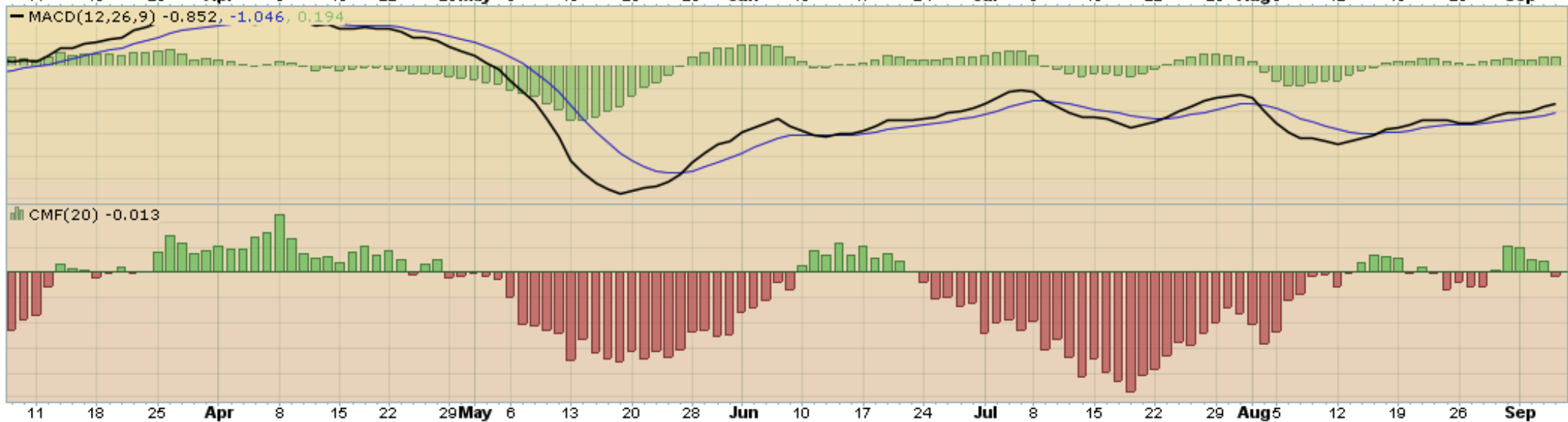
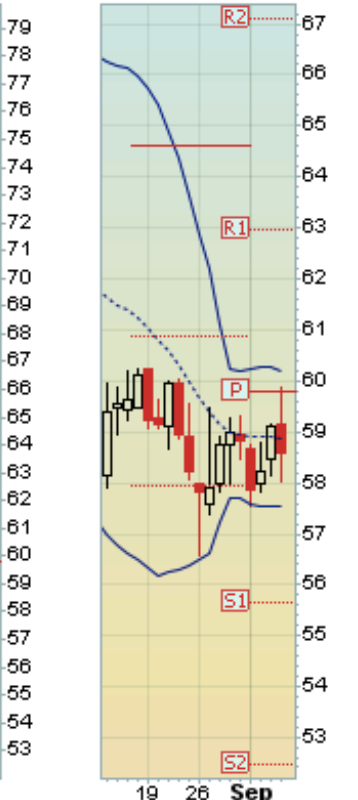
**CHART B21. COTTON, WEEKLY CHART**



6-Sep-2019

Open 59.16 High 59.86 Low 58.03 Close 58.58 Volume 16.1K Chg -0.54 (-0.91%)

# CHART B22. COTTON, DAILY CHART





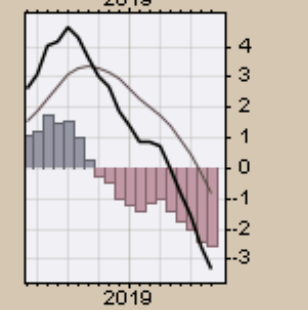
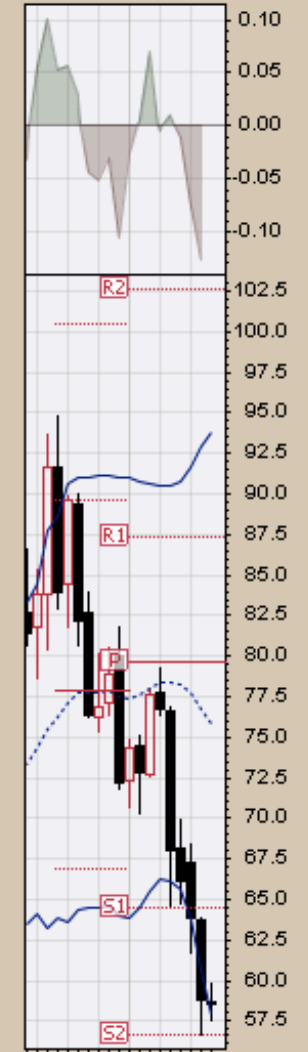
▲ CMF(20) -0.127 (30 Aug)

# CHART B23. COTTON, MONTHLY CHART

▲ \$COTTON (Monthly) 58.58  
— BB(20,2,0) 57.87 - 75.85 - 93.83  
— PIVOTS 56.68, 64.44, 79.63, 87.39, 102.58

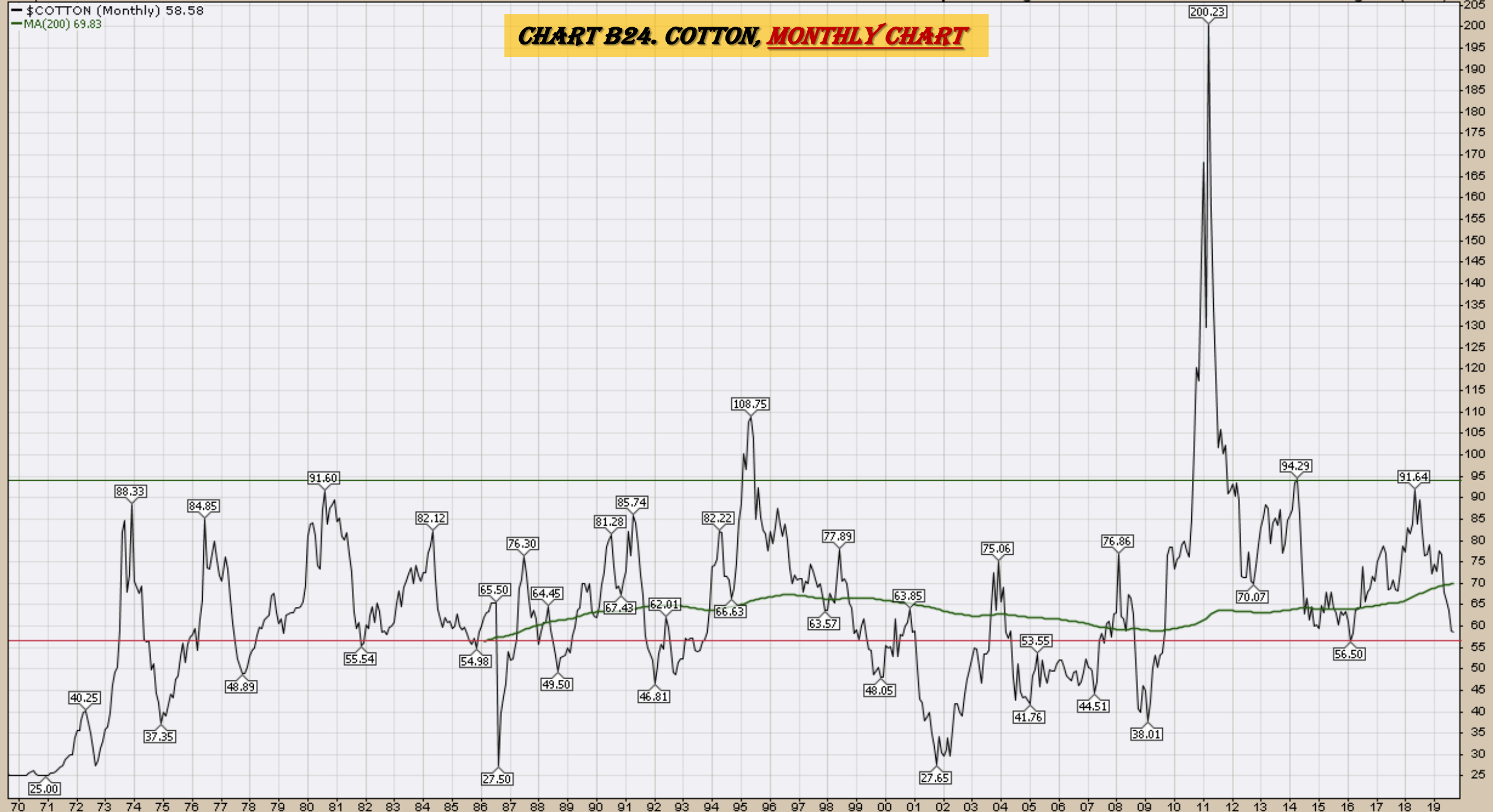


— MACD(12,26,9) -3.344, -0.798, -2.546



— \$COTTON (Monthly) 58.58  
— MA(200) 69.83

# CHART B24. COTTON, MONTHLY CHART



MACD(12,26,9) -1.613, -0.927, -0.686

### CHART B24B. COTTON, QUARTERLY CHART

% \$COTTON (Quarterly) 58.58

MA(50) 76.40  
MA(200) 63.22  
EMA(20) 72.32



RSI(14) 42.44

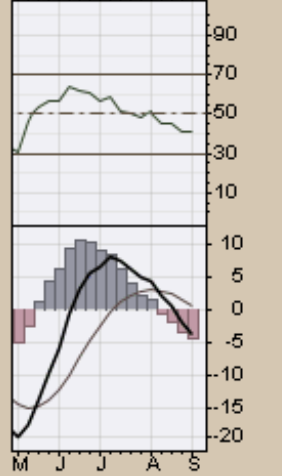
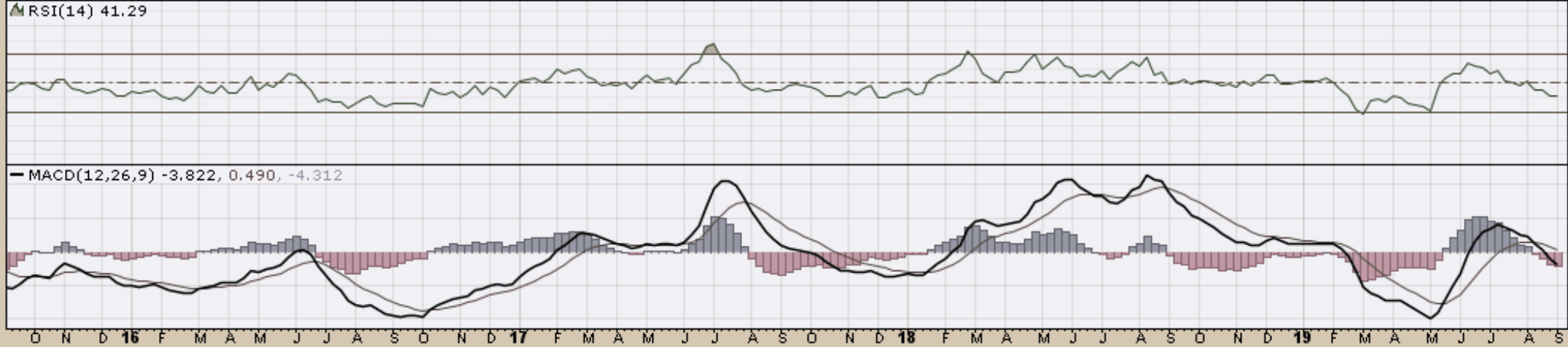


Full STO %K(14,3) %D(3) 30.39, 41.81



*Wheat*

*Weekly, Daily, Monthly and Quarterly Charts*



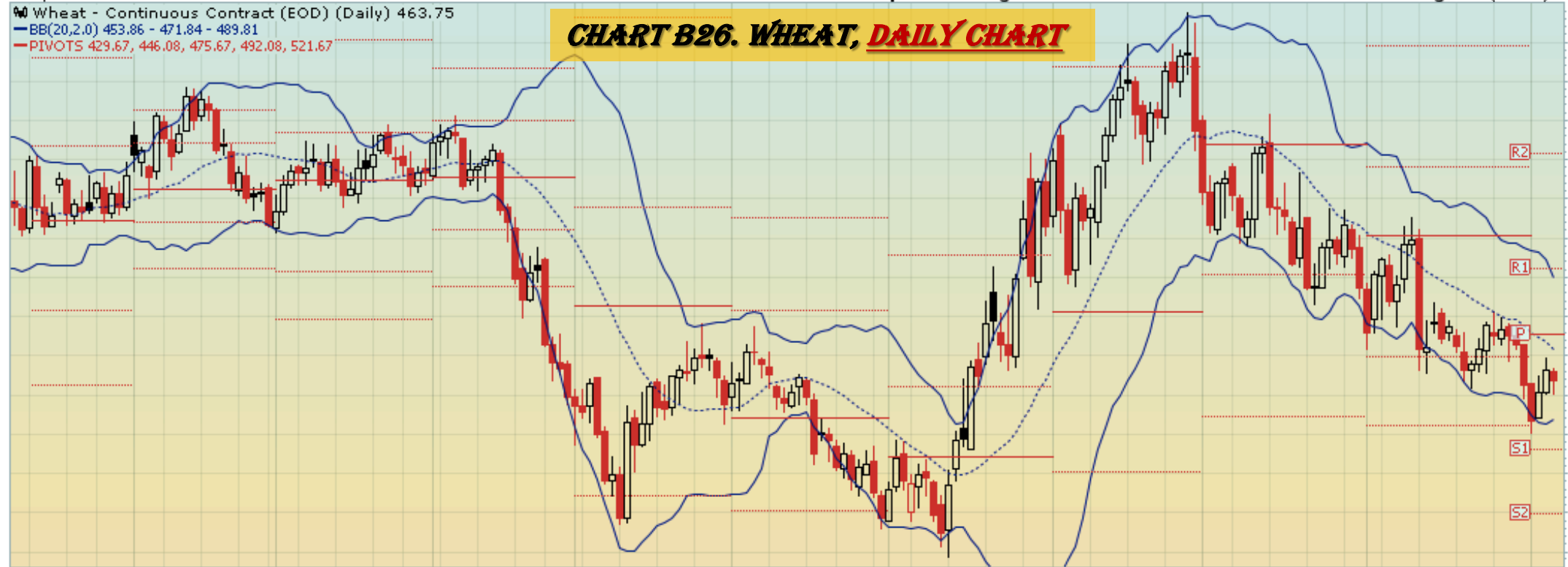
6-Sep-2019

Wheat - Continuous Contract (EOD) (Daily) 463.75

BB(20,2,0) 453.86 - 471.84 - 489.81

PIVOTS 429.67, 446.08, 475.67, 492.08, 521.67

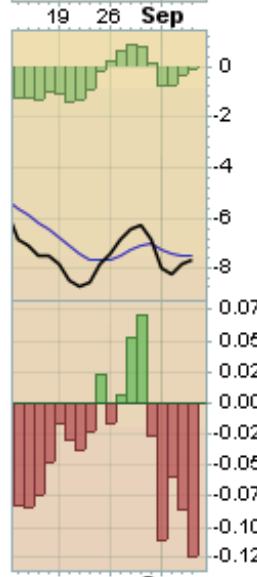
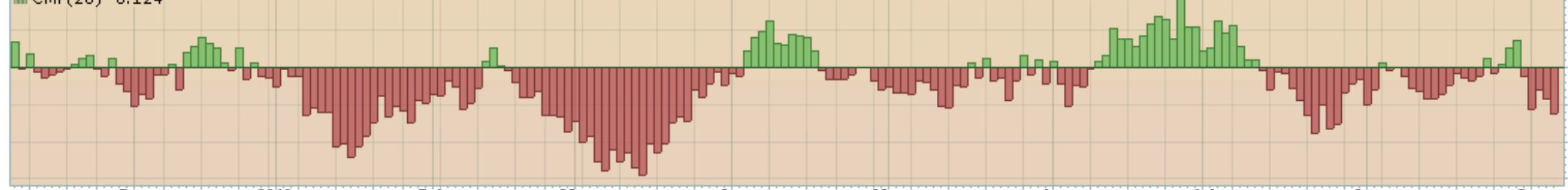
### CHART B26. WHEAT, DAILY CHART



MACD(12,26,9) -7.625, -7.517, -0.108



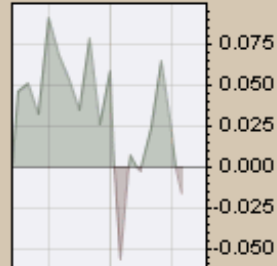
CMF(20) -0.124



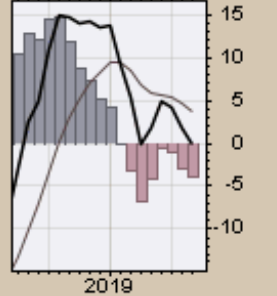
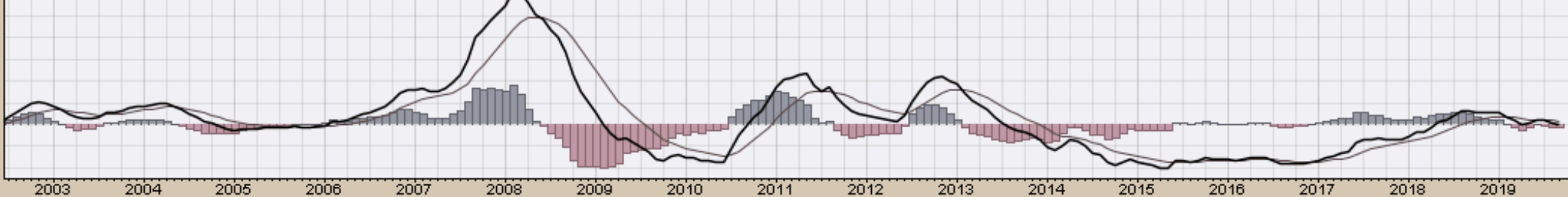
▲ CMF(20) -0.016 (30 Aug)

WHEAT (Monthly) 463.75  
— BB(20,2,0) 431.72 - 495.90 - 560.08  
— PIVOTS 323.42, 413.33, 503.17, 593.08, 682.92

**CHART B27. WHEAT, MONTHLY CHART**



— MACD(12,26,9) -0.182, 3.671, -3.853



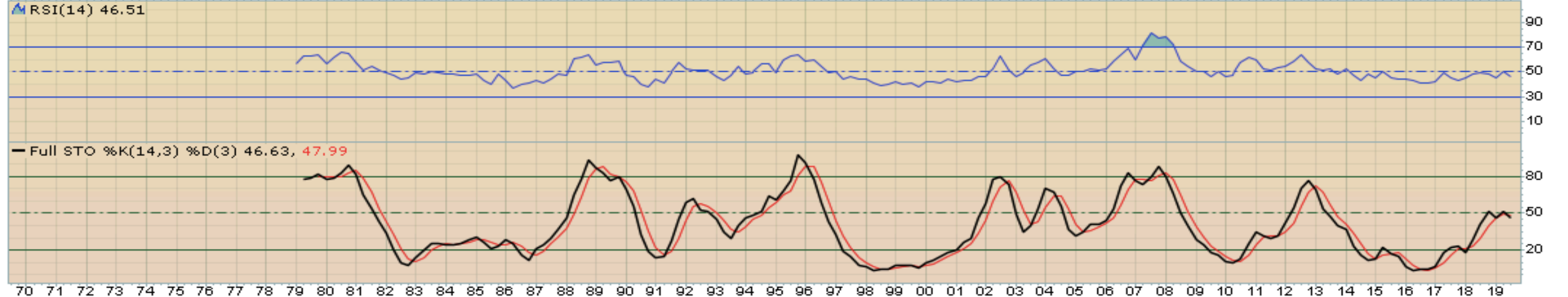
— \$WHEAT (Monthly) 463.75  
— MA(200) 538.66

# CHART B28A. WHEAT, MONTHLY CHART





### CHART B28B. WHEAT, QUARTERLY CHART



# *S&P Sectors*

## Sector Chart Book Index

### Market Outlook Considerations for Week Beginning August 12, 2019

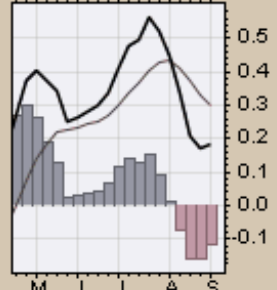
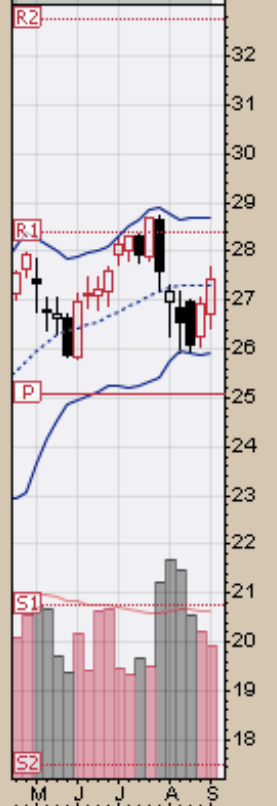
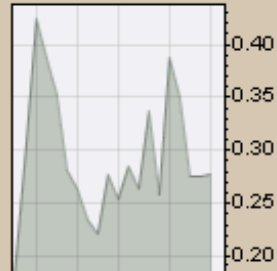
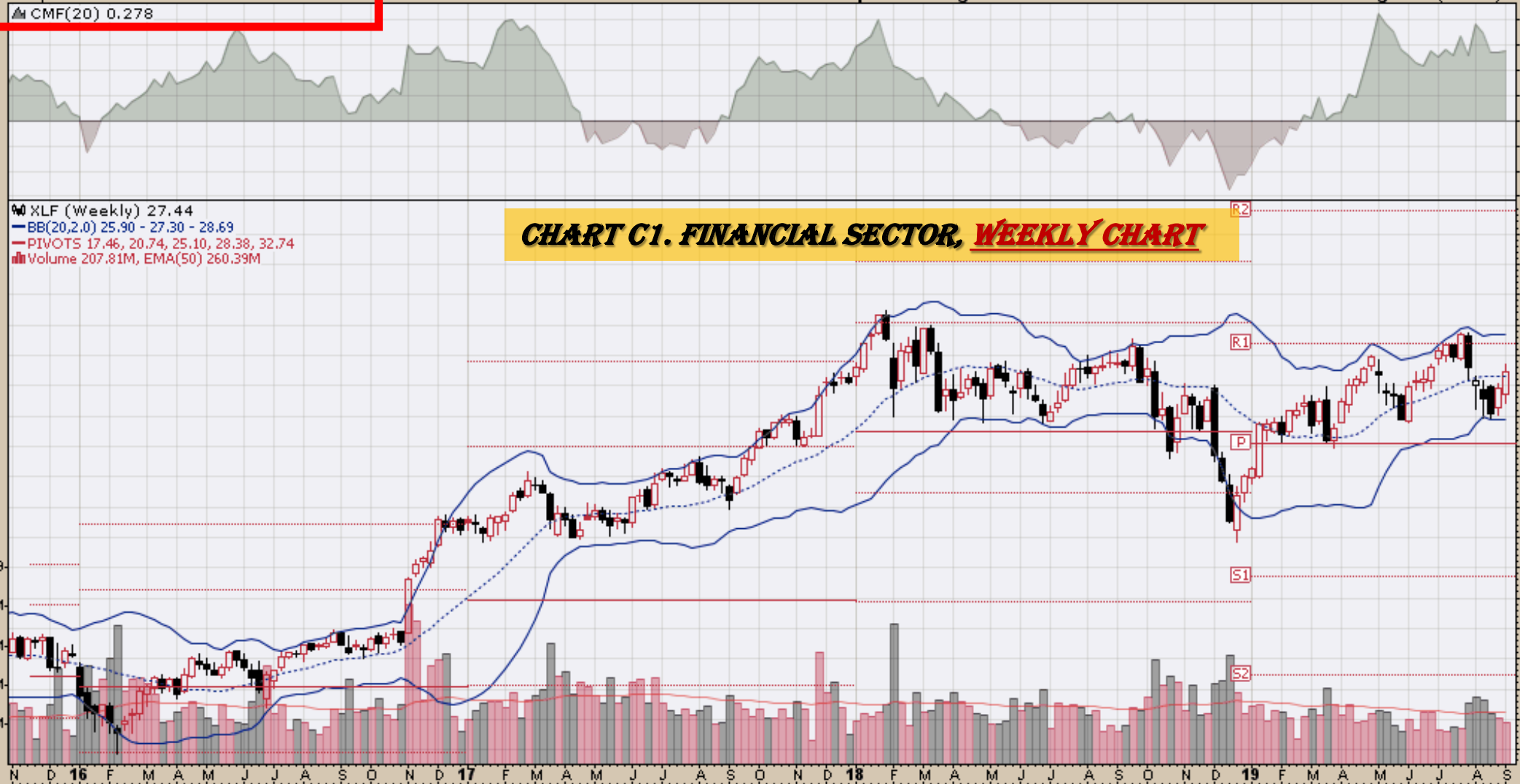
#### Chart Book Index - Sectors

- Chart C1. Financial Sector, Weekly Chart
- Chart C2. Health Care Sector, Weekly Chart
- Chart C3. Technology Sector, Weekly Chart
- Chart C4. Industrial Sector, Weekly Chart
- Chart C5. Materials Sector, Weekly Chart
- Chart C6. Energy Sector, Weekly Chart
- Chart C7. Utilities Sector, Weekly Chart
- Chart C8. Consumer Staples, Weekly Chart
- Chart C9. Consumer Discretionary, Weekly Chart

Continued Next Slide

### CHART C1. FINANCIAL SECTOR, WEEKLY CHART

XLF (Weekly) 27.44  
— BB(20,2,0) 25.90 - 27.30 - 28.69  
— PIVOTS 17.46, 20.74, 25.10, 28.38, 32.74  
■ Volume 207.81M, EMA(50) 260.39M



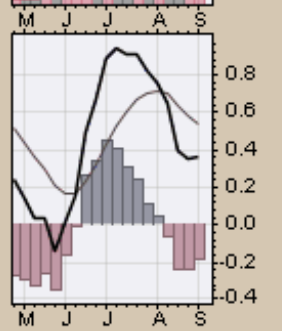
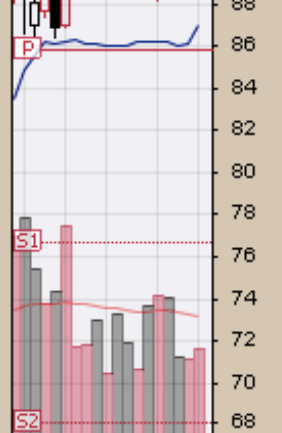
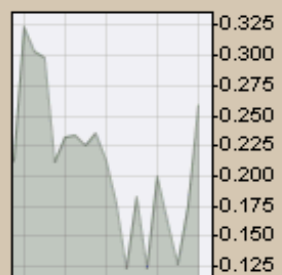
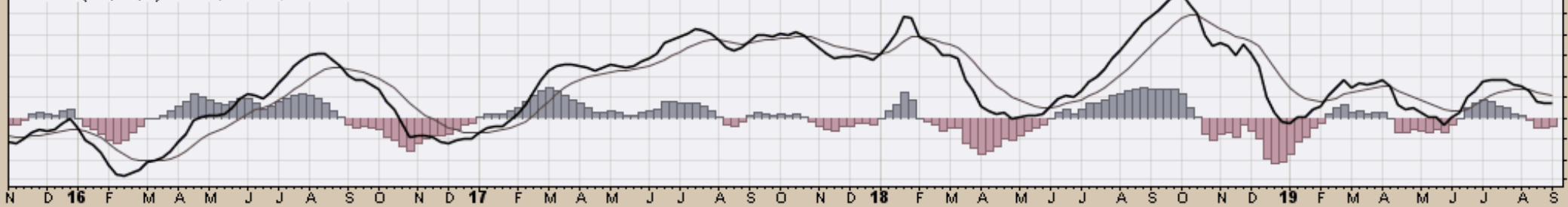
— MACD(12,26,9) 0.184, 0.303, -0.119

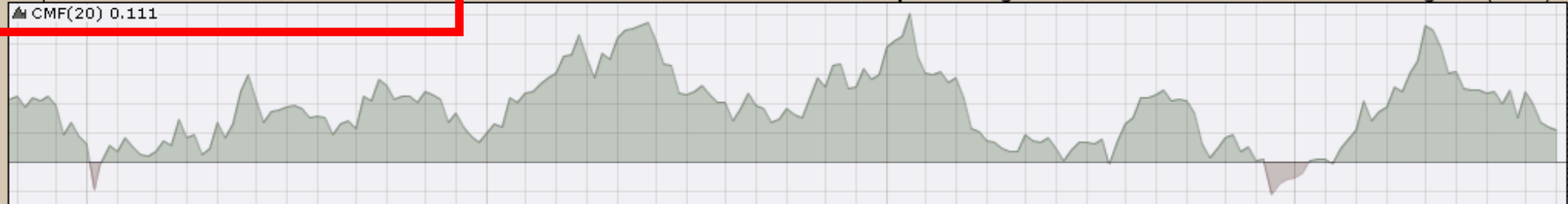
### CHART C2. HEALTH CARE SECTOR, WEEKLY CHART

XLV (Weekly) 91.27  
— BB(20,2,0) 86.99 - 90.63 - 94.27  
— PIVOTS 68.08, 76.68, 85.77, 94.37, 103.47  
■ Volume 36.76M, EMA(50) 50.42M



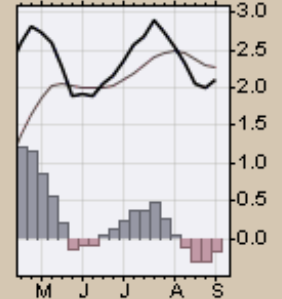
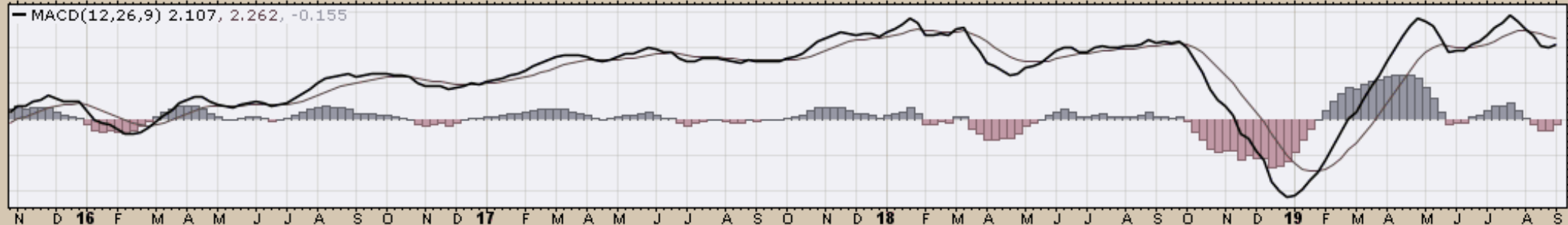
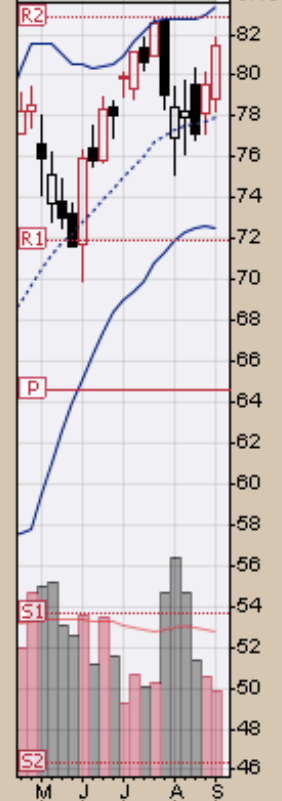
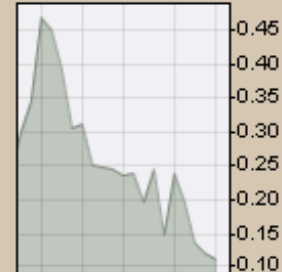
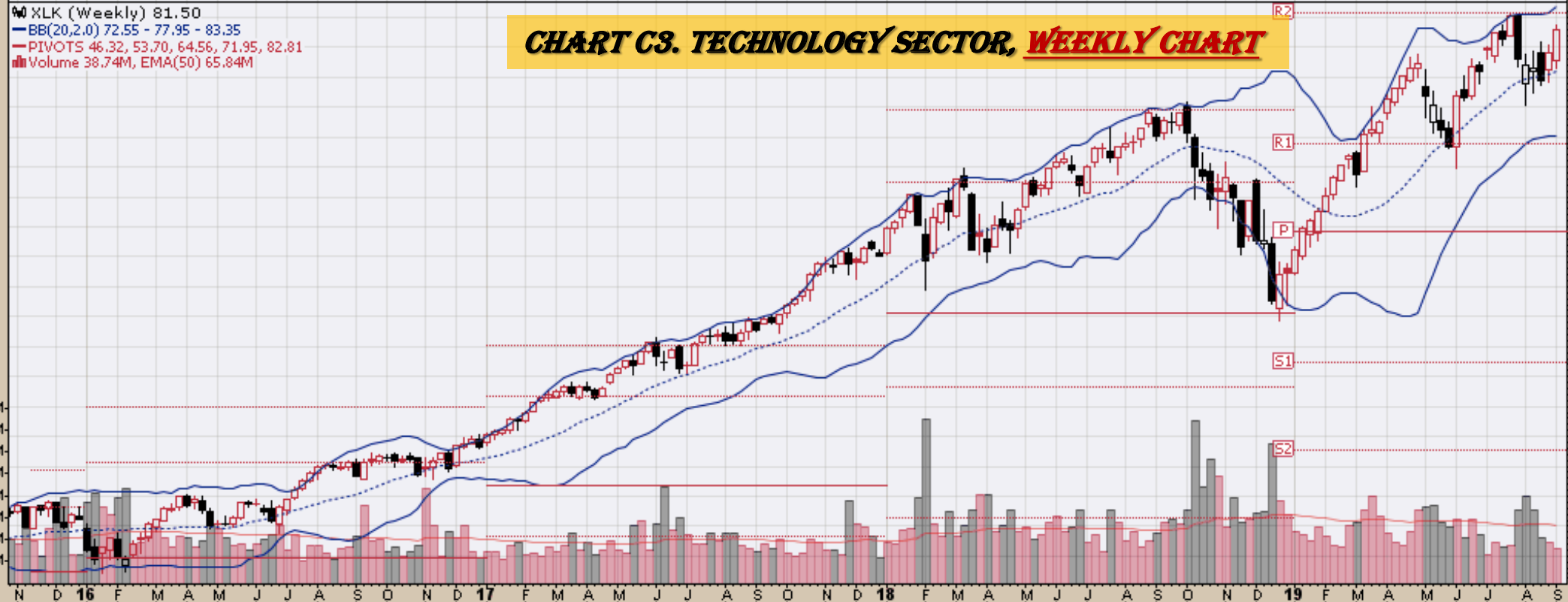
— MACD(12,26,9) 0.361, 0.537, -0.176





▲ XLK (Weekly) 81.50  
 — BB(20,2,0) 72.55 - 77.95 - 83.35  
 — PIVOTS 46.32, 53.70, 64.56, 71.95, 82.81  
 ■ Volume 38.74M, EMA(50) 65.84M

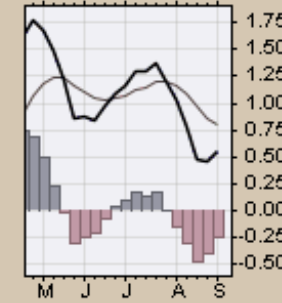
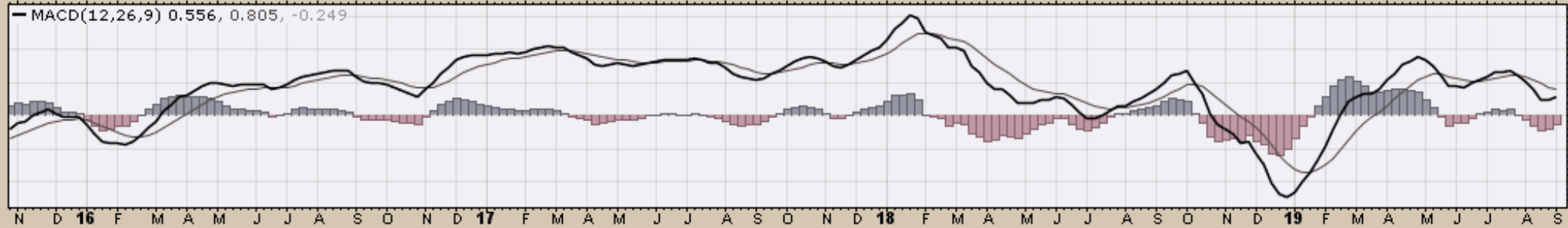
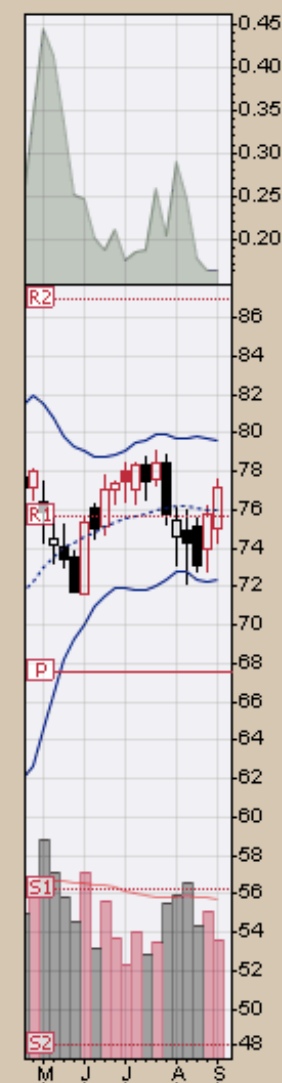
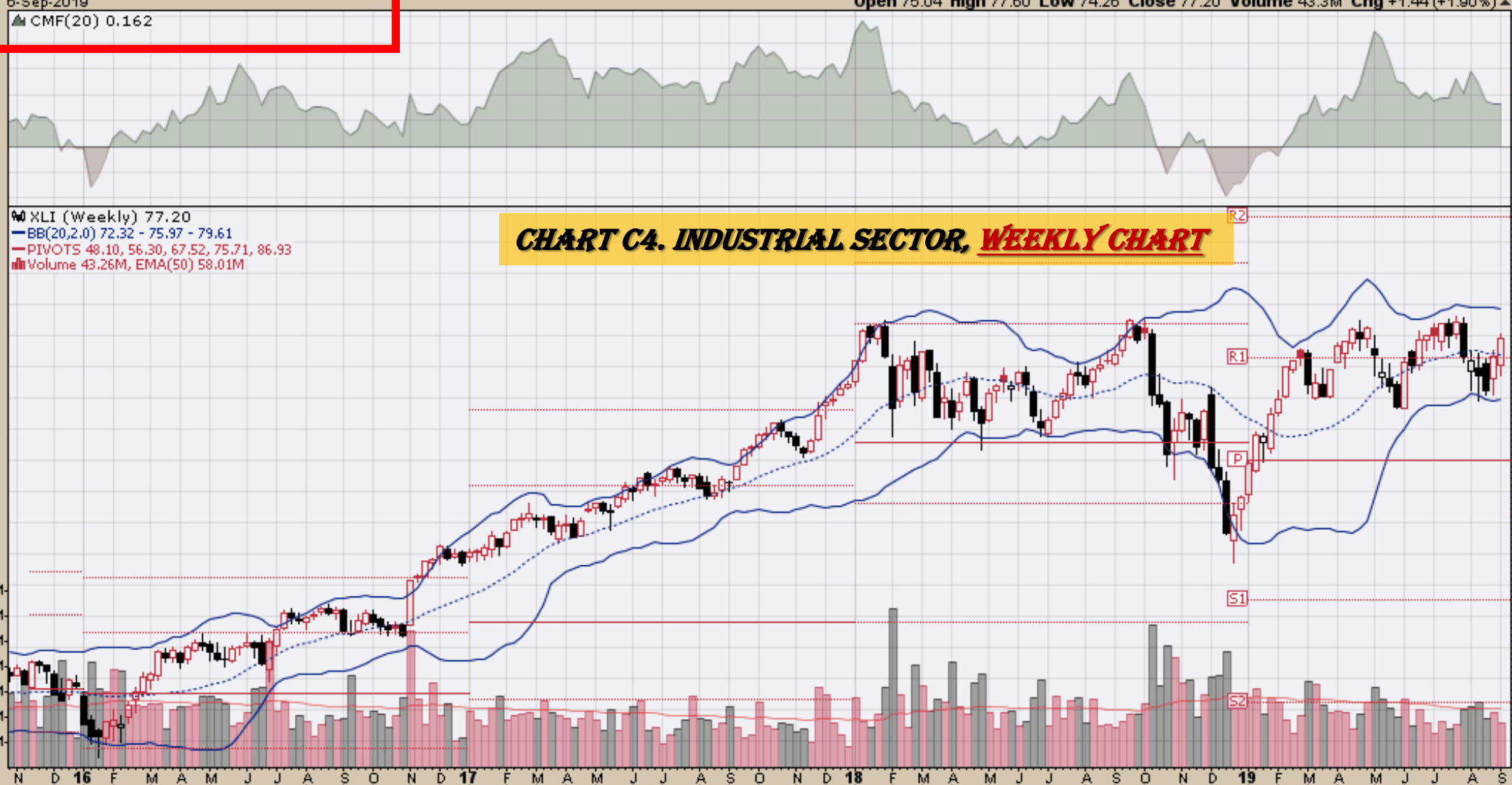
**CHART C3. TECHNOLOGY SECTOR, WEEKLY CHART**



▲ CMF(20) 0.162

### CHART C4. INDUSTRIAL SECTOR, WEEKLY CHART

XLI (Weekly) 77.20  
— BB(20,2,0) 72.32 - 75.97 - 79.61  
— PIVOTS 48.10, 56.30, 67.52, 75.71, 86.93  
■ Volume 43.26M, EMA(50) 58.01M



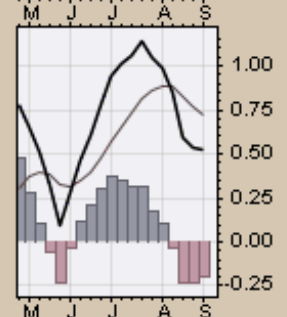
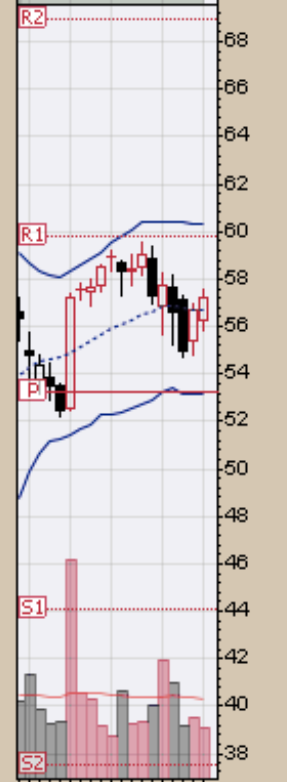
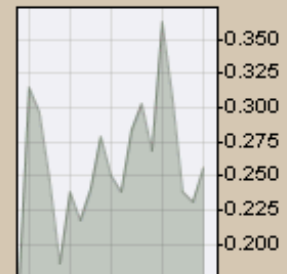
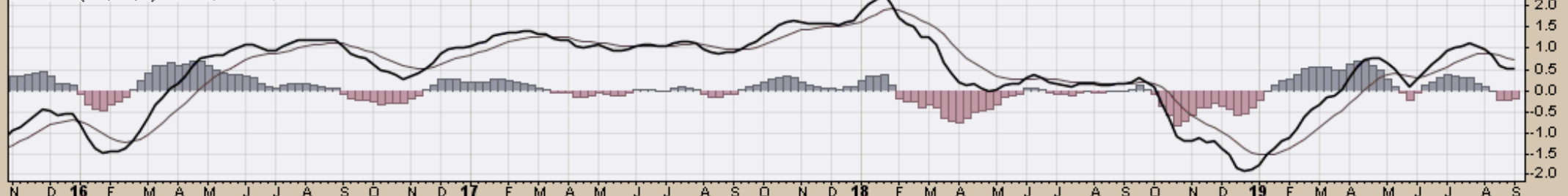
▲ CMF(20) 0.256

▲ XLB (Weekly) 57.24  
— BB(20,2,0) 53.14 - 56.72 - 60.30  
— PIVOTS 37.49, 44.12, 53.20, 59.83, 68.91  
■ Volume 21.53M, EMA(50) 34.33M

### CHART C5. MATERIALS SECTOR, WEEKLY CHART



— MACD(12,26,9) 0.520, 0.717, -0.197





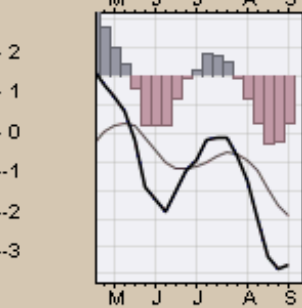
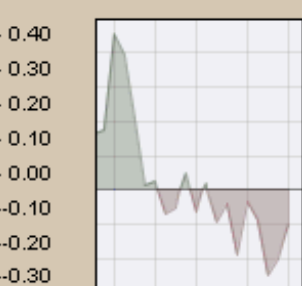
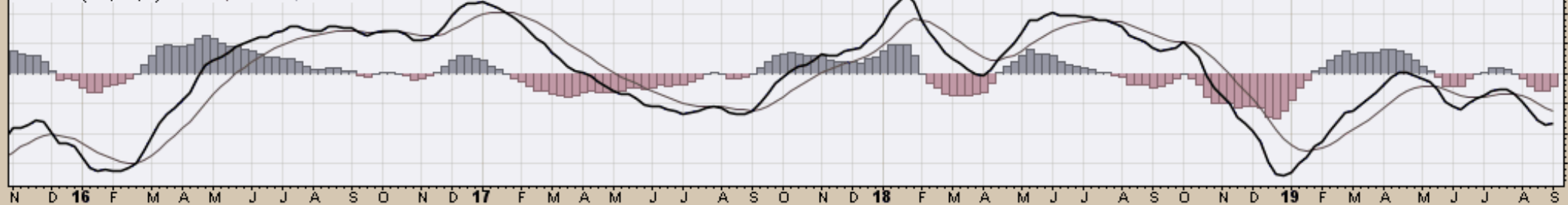
▲ CMF(20) -0.050

### CHART C6. ENERGY SECTOR, WEEKLY CHART

XLE (Weekly) 59.03  
— BB(20,2,0) 55.93 - 61.27 - 66.61  
— PIVOTS 38.69, 48.78, 62.56, 72.64, 86.42  
■ Volume 51.93M, EMA(50) 71.05M



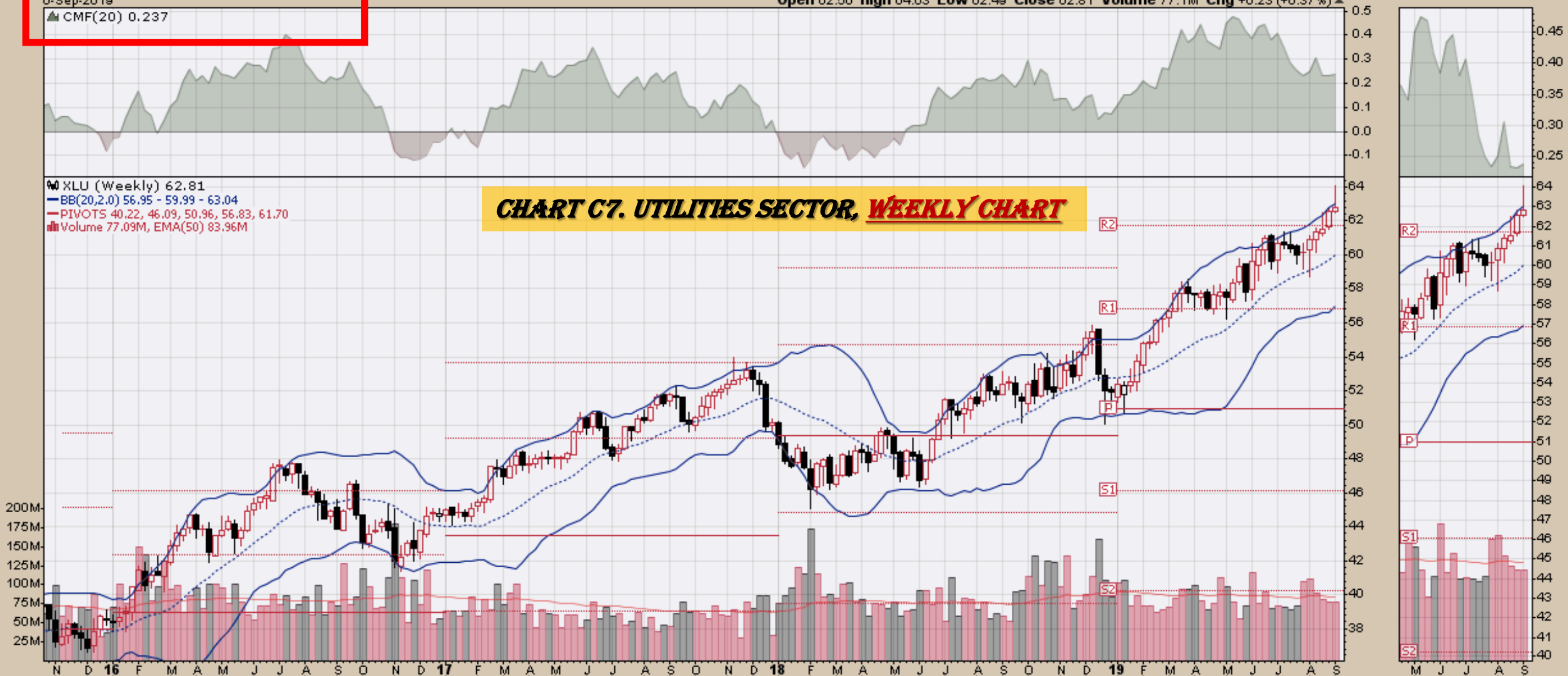
— MACD(12,26,9) -1.648, -1.231, -0.417



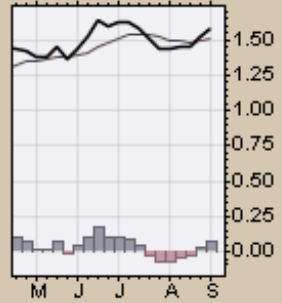
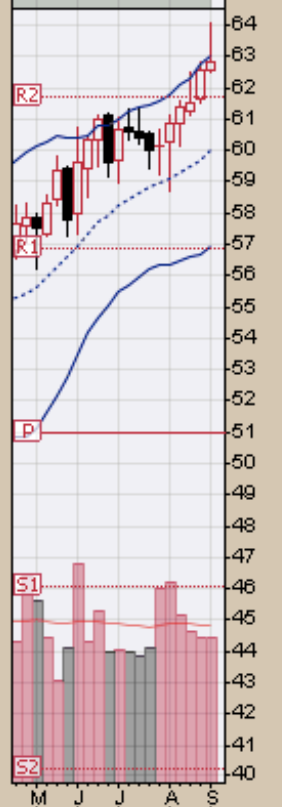
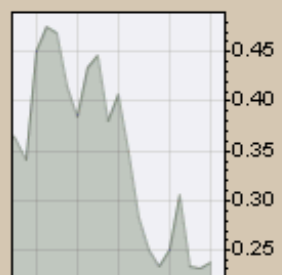
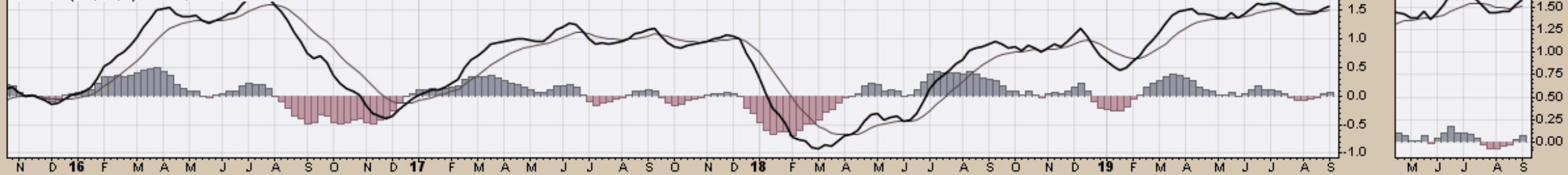
▲ CMF(20) 0.237

**CHART C7. UTILITIES SECTOR, WEEKLY CHART**

XLU (Weekly) 62.81  
BB(20,2,0) 56.95 - 59.99 - 63.04  
PIVOTS 40.22, 46.09, 50.96, 56.83, 61.70  
Volume 77.09M, EMA(50) 83.96M

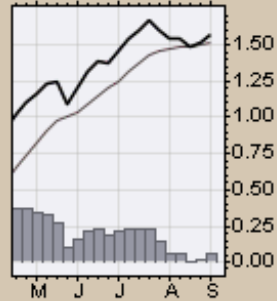
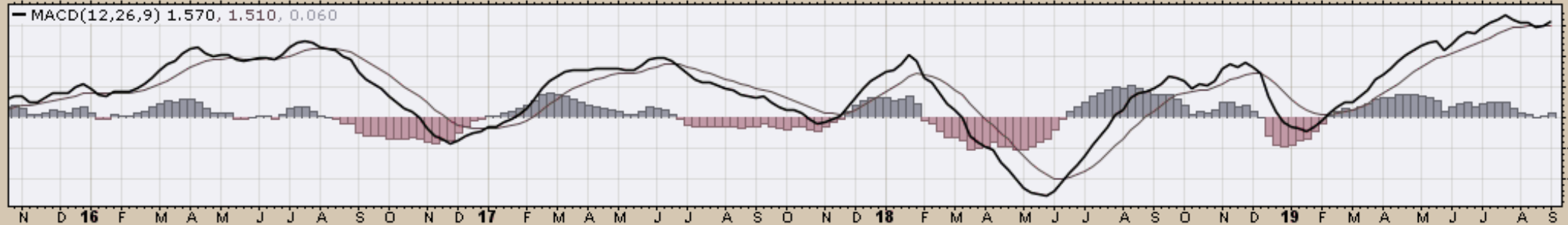
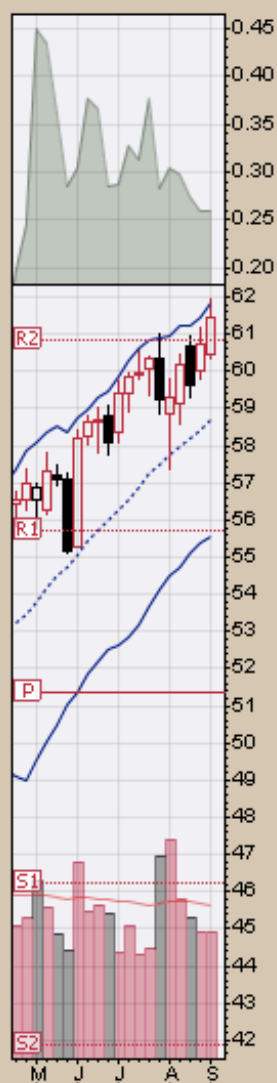


MACD(12,26,9) 1.589, 1.512, 0.077



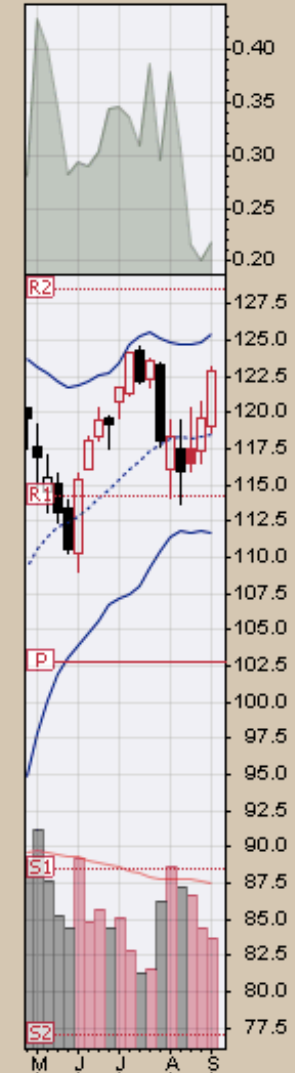
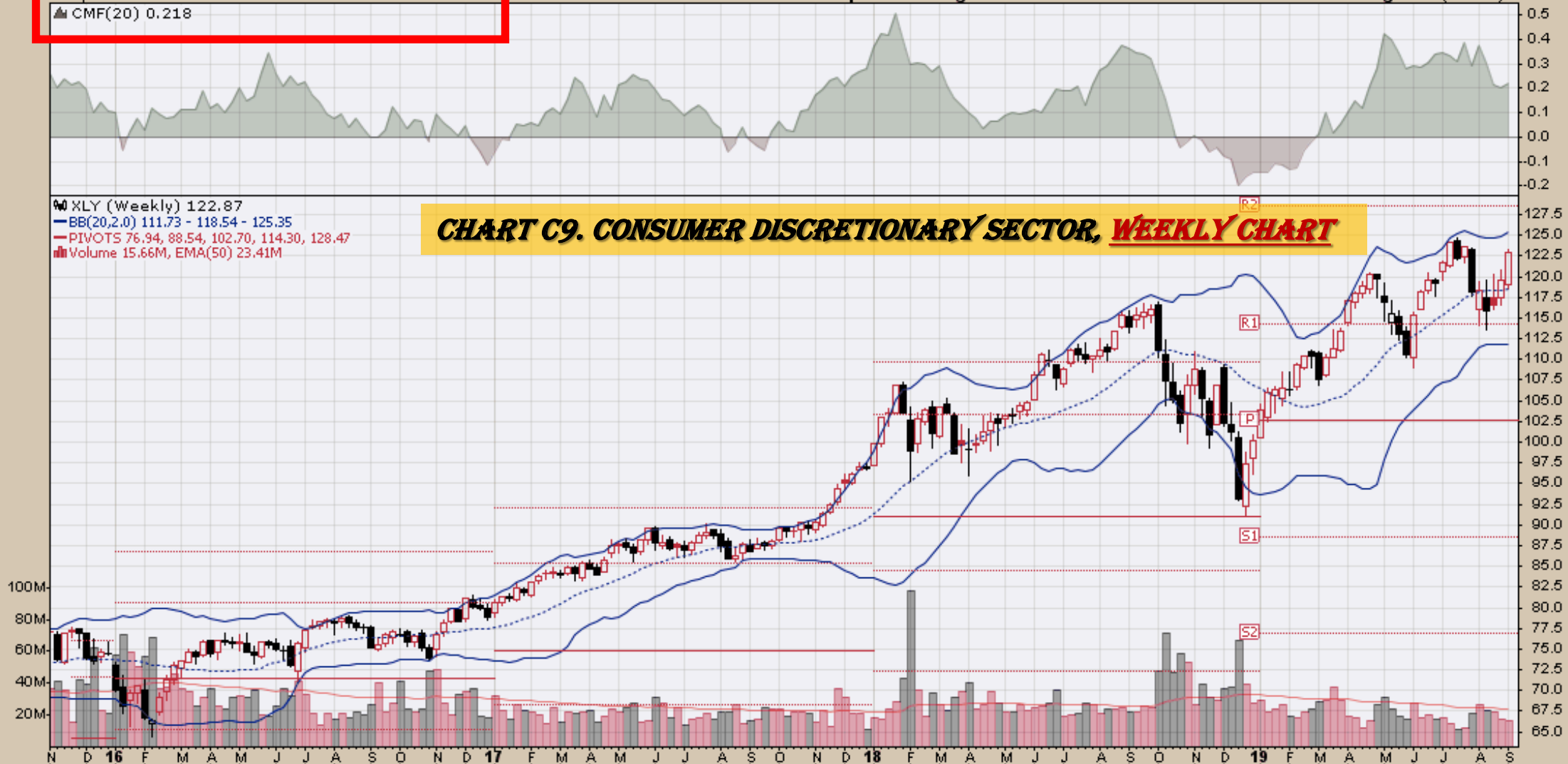
**CHART C8. CONSUMER STAPLES SECTOR, WEEKLY CHART**

XLP (Weekly) 61.44  
BB(20,2,0) 55.53 - 58.68 - 61.84  
PIVOTS 41.85, 46.22, 51.36, 55.73, 60.87  
Volume 57.37M, EMA(50) 69.77M

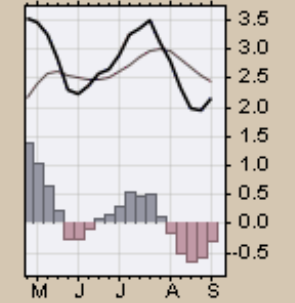
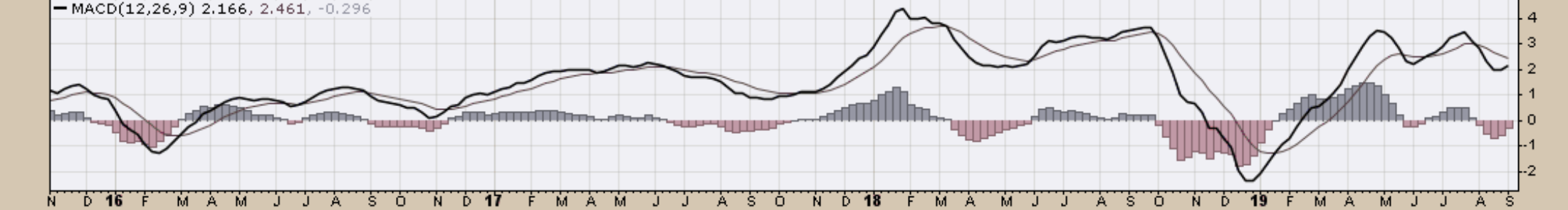


**CHART C9. CONSUMER DISCRETIONARY SECTOR, WEEKLY CHART**

XLY (Weekly) 122.87  
— BB(20,2,0) 111.73 - 118.54 - 125.35  
— PIVOTS 76.94, 88.54, 102.70, 114.30, 128.47  
■ Volume 15.66M, EMA(50) 23.41M



— MACD(12,26,9) 2.166, 2.461, -0.296



# *Commodity ETFs*

# Commodity ETFs Book Index

## Chart Book Index – Commodity ETFs

- Chart D1. Cotton, Weekly Chart
- Chart D2. Brent Oil, Weekly Chart
- Chart D3. Corn, Weekly Chart
- Chart D4. Livestock, Weekly Chart
- Chart D5. Agriculture, Weekly Chart
- Chart D6. Base Metals, Weekly Chart
- Chart D7. Commodity Index, Weekly Chart
- Chart D8. Energy, Weekly Chart
- Chart D9. Precious Metals, Weekly Chart
- Chart D10. Commodity Index, Weekly Chart
- Chart D11. Gold, Weekly Chart
- Chart D12. Goldman Sachs Total Return Commodity Index
- Chart D13. Copper, Weekly Chart
- Chart D14. Grains, Weekly Chart
- Chart D15. Nickel, Weekly Chart
- Chart D16. Aluminum, Weekly Chart
- Chart D17. Coffee, Weekly Chart

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# Commodity ETFs Book Index

## Chart Book Index – Commodity ETFs

- Chart D18. Lead, Weekly Chart
- Chart D19. Lithium, Weekly Chart
- Chart D20. Cocoa, Weekly Chart
- Chart D21. Palladium, Weekly Chart
- Chart D22. Platinum, Weekly Chart
- Chart D23. Sugar, Weekly Chart
- Chart D24. Silver, Weekly Chart
- Chart D25. Soybeans, Weekly Chart
- Chart D26. Gasoline, Weekly Chart
- Chart D27. Natural Gas, Weekly Chart
- Chart D28. US 12 Month Oil Fund, Weekly Chart
- Chart D29. US Oil Fund, Weekly Chart
- Chart D30. Wheat, Weekly Chart

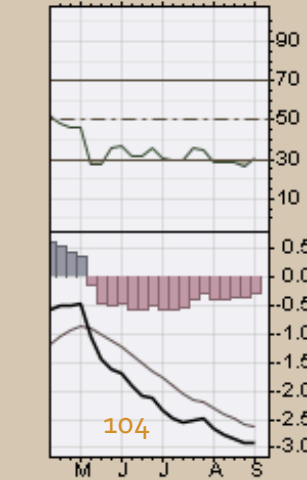
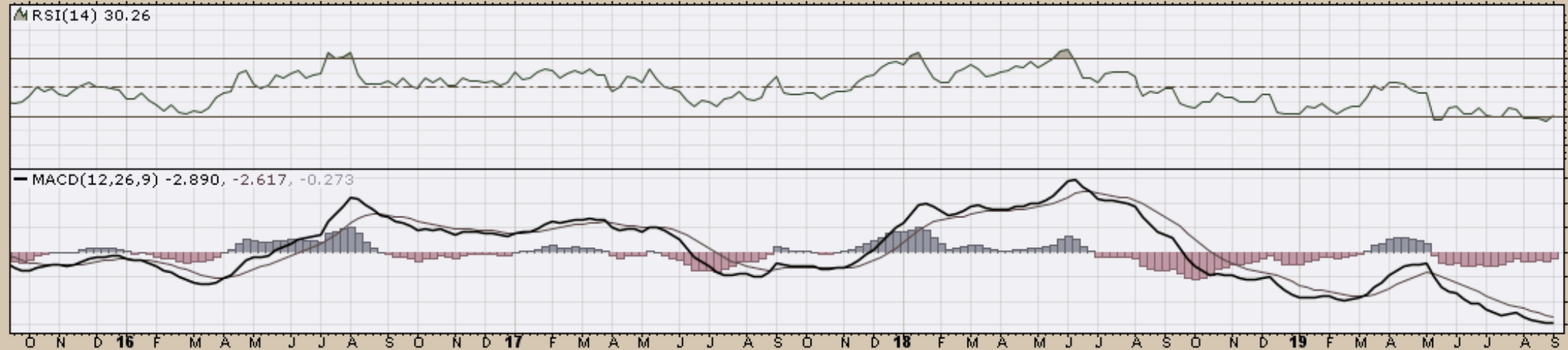
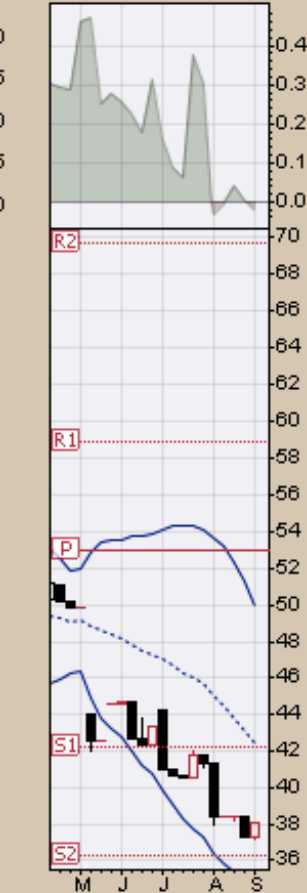
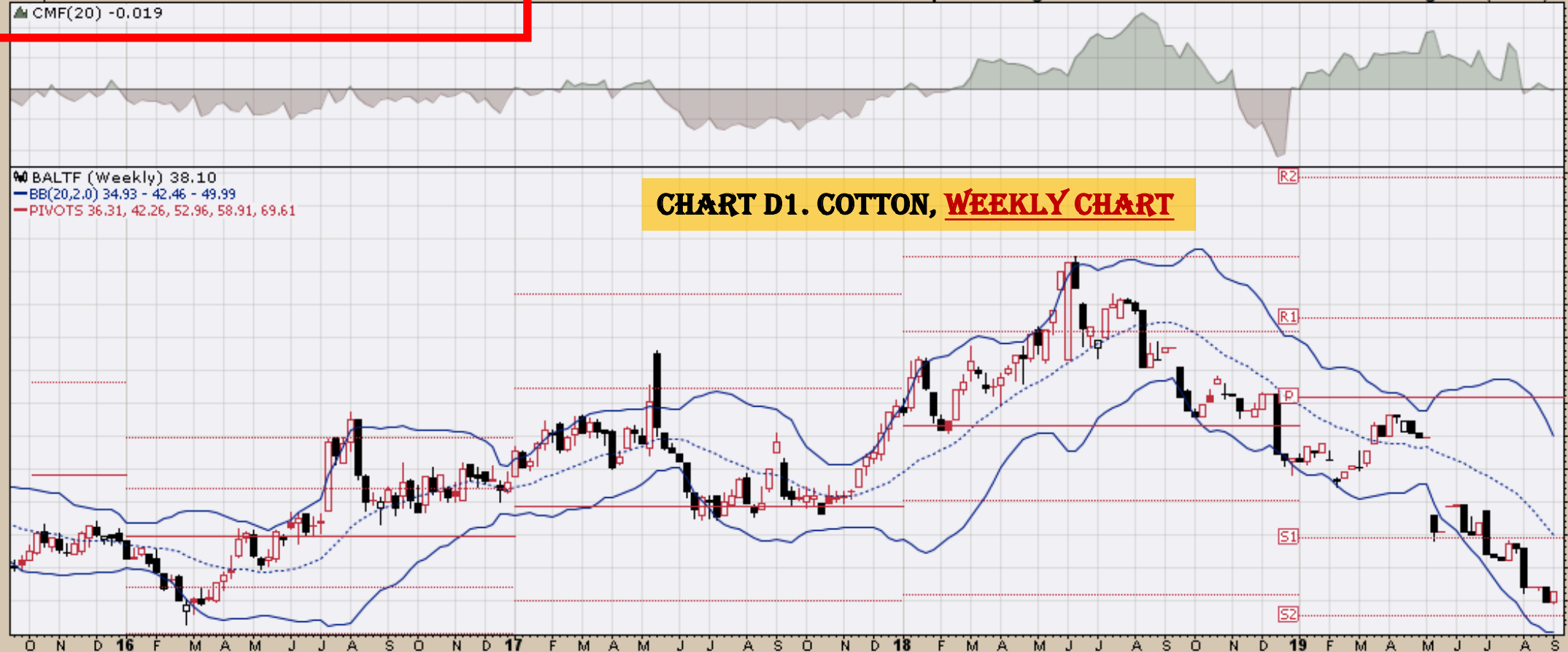
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6-Sep-2019

▲ CMF(20) -0.019

▲ BALTF (Weekly) 38.10  
— BB(20,2,0) 34.93 - 42.46 - 49.99  
— PIVOTS 36.31, 42.26, 52.96, 58.91, 69.61

### CHART D1. COTTON, WEEKLY CHART



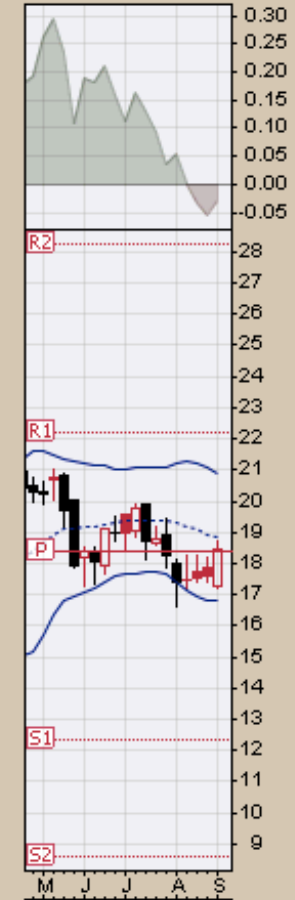
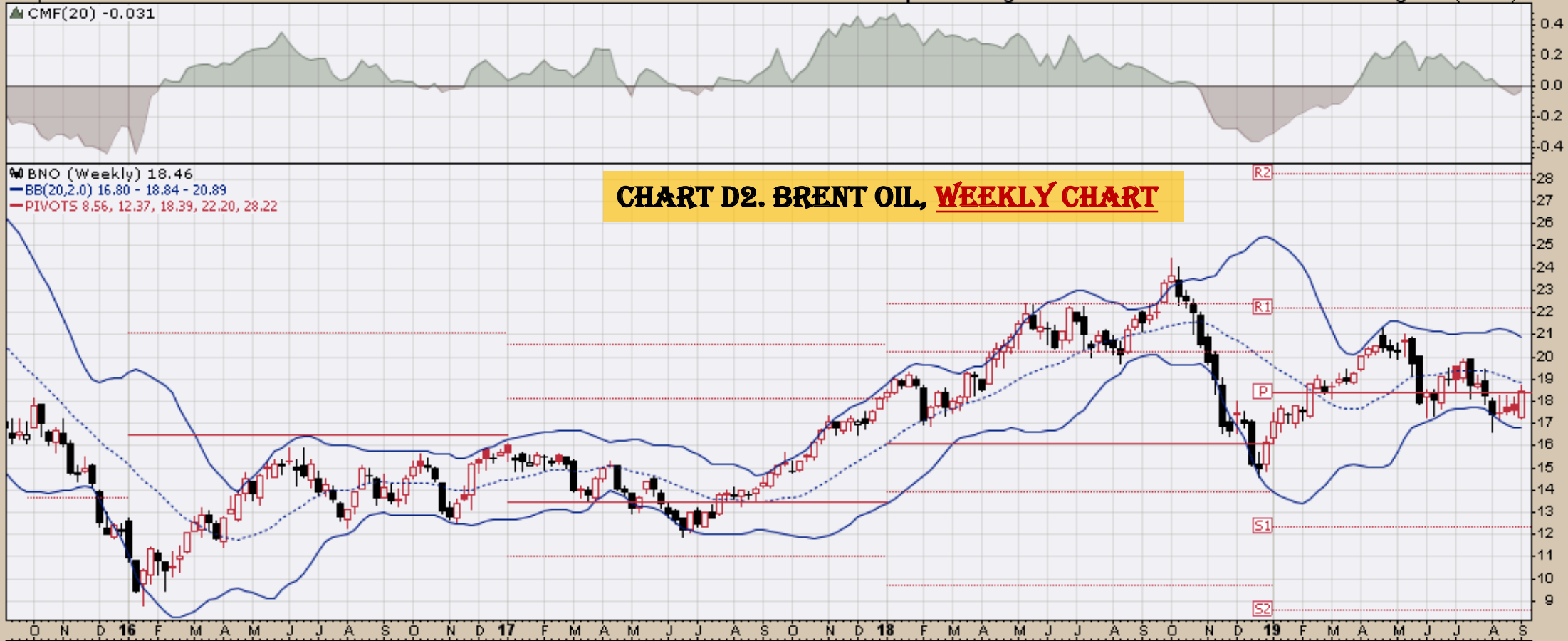
104



▲ CMF(20) -0.031

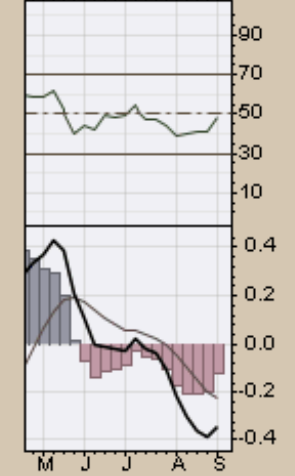
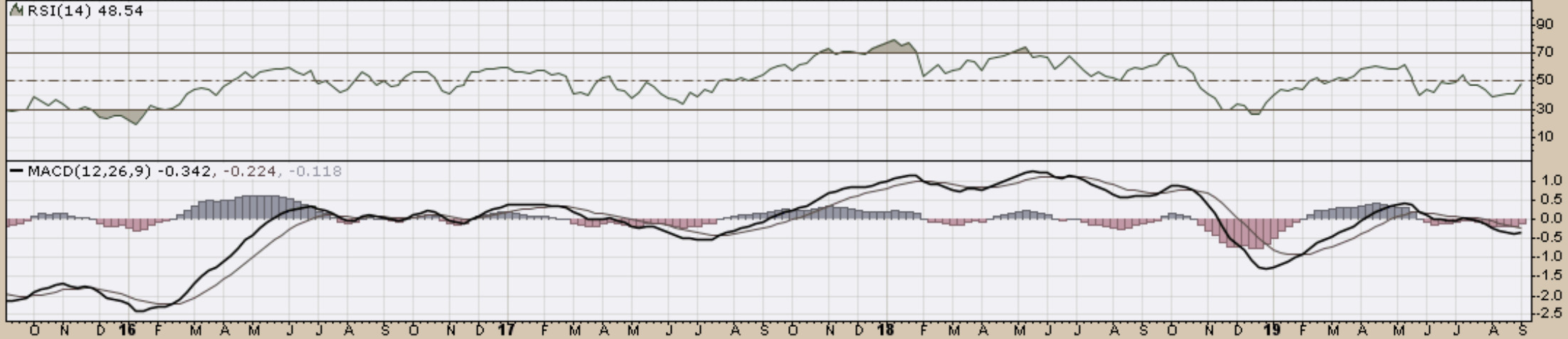
▲ BNO (Weekly) 18.46  
— BB(20,2,0) 16.80 - 18.84 - 20.89  
— PIVOTS 8.56, 12.37, 18.39, 22.20, 28.22

### CHART D2. BRENT OIL, WEEKLY CHART



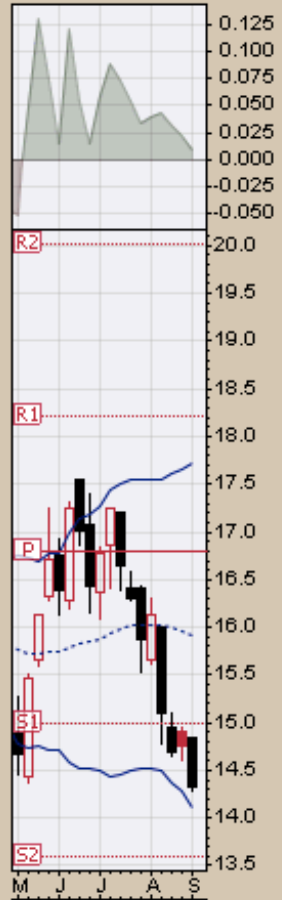
▲ RSI(14) 48.54

— MACD(12,26,9) -0.342, -0.224, -0.118

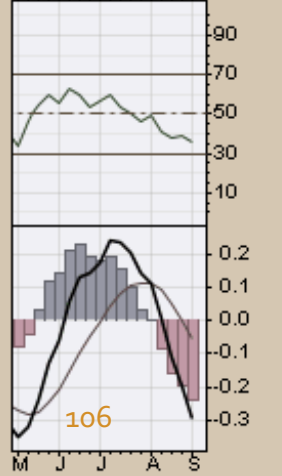
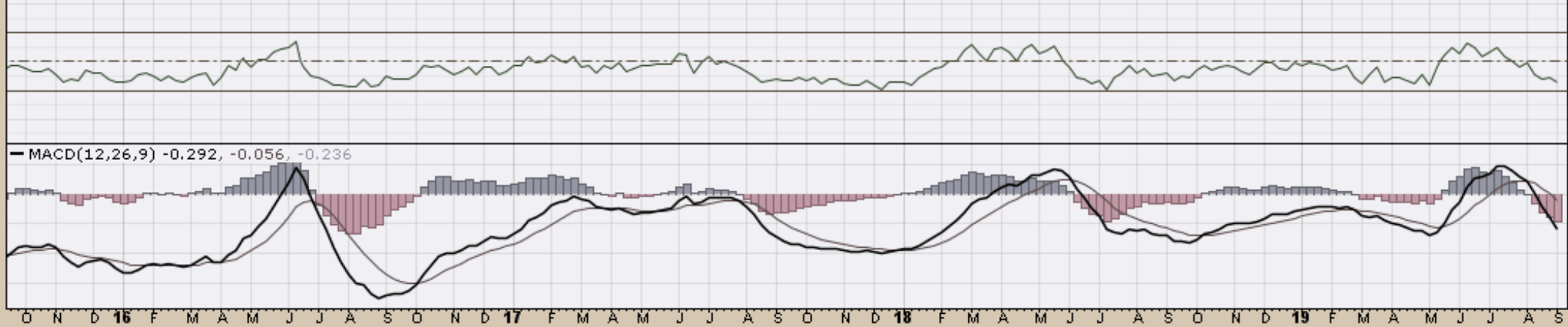


### CHART DS. CORN, WEEKLY CHART

▲ CORN (Weekly) 14.32  
— BB(20,2,0) 14.11 - 15.92 - 17.72  
— PIVOTS 13.59, 14.99, 16.80, 18.20, 20.01



▲ RSI(14) 35.77

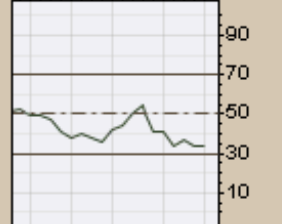
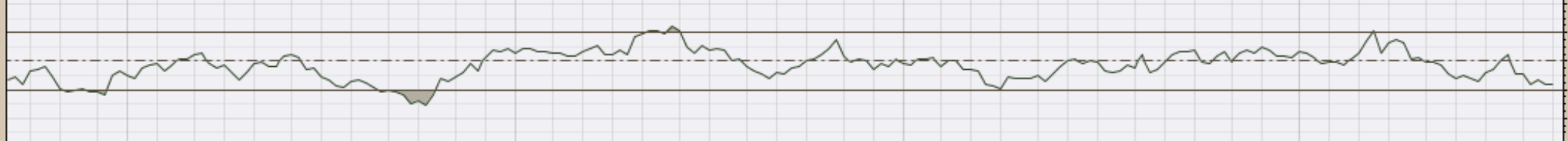


# CHART D4. LIVESTOCK, WEEKLY CHART

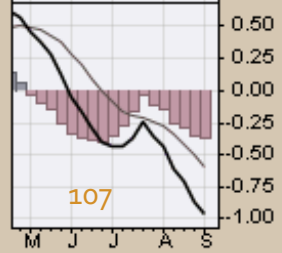
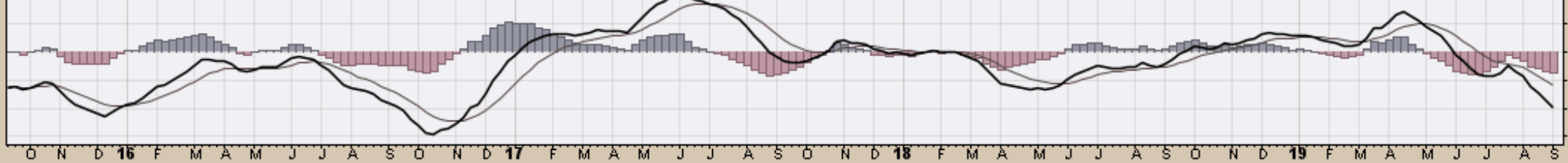
▲ COWTF (Weekly) 19.00  
— BB(20,2,0) 18.76 - 21.83 - 24.90  
— PIVOTS 17.67, 20.26, 22.21, 24.80, 26.75



▲ RSI(14) 33.35

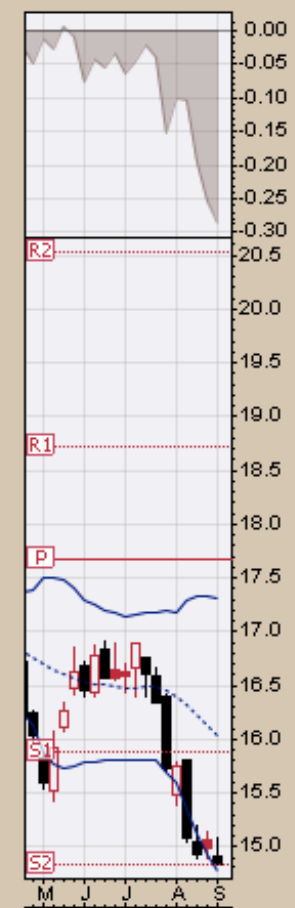


— MACD(12,26,9) -0.960, -0.591, -0.369

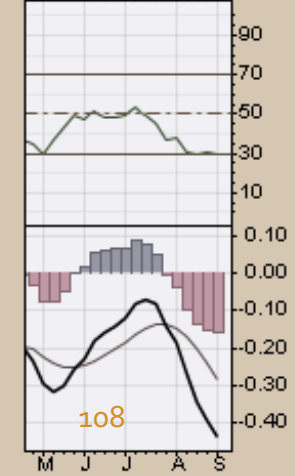
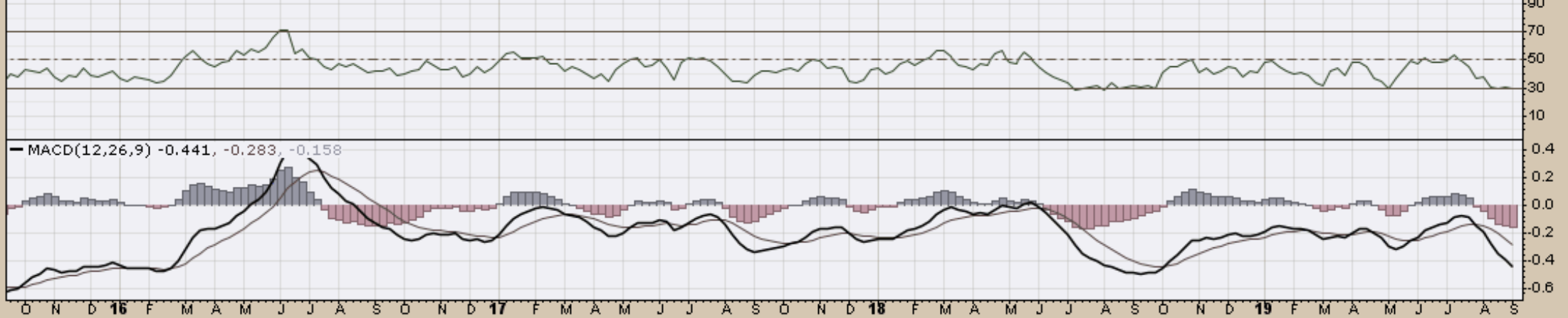


### CHART D5. AGRICULTURE, WEEKLY CHART

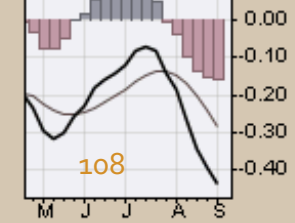
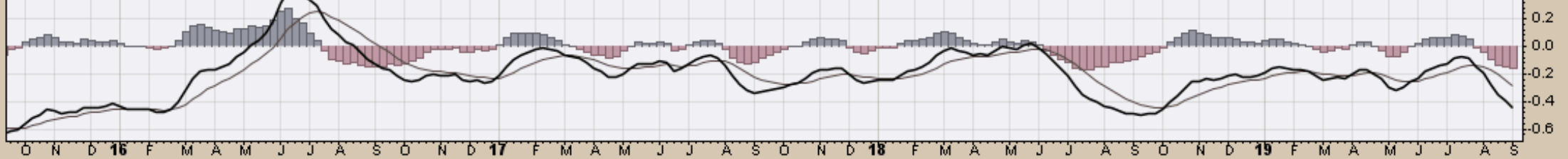
DBA (Weekly) 14.84  
— BB(20,2.0) 14.76 - 16.04 - 17.32  
— PIVOTS 14.84, 15.89, 17.68, 18.73, 20.52



▲ RSI(14) 29.28

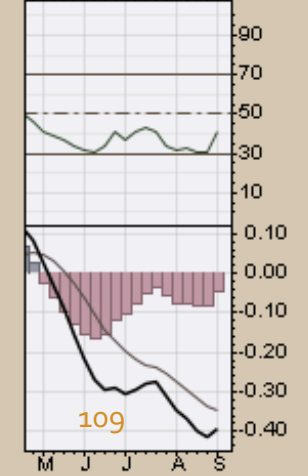
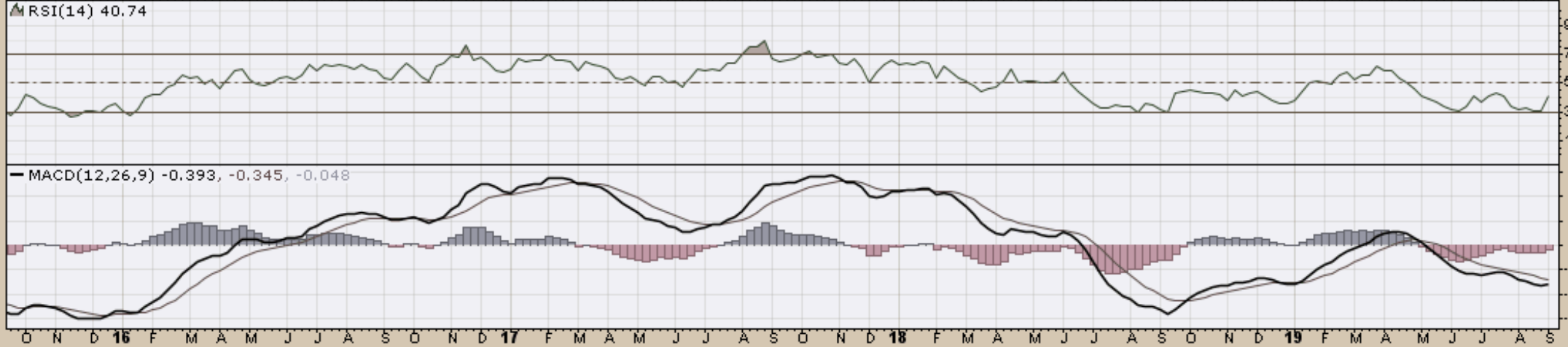
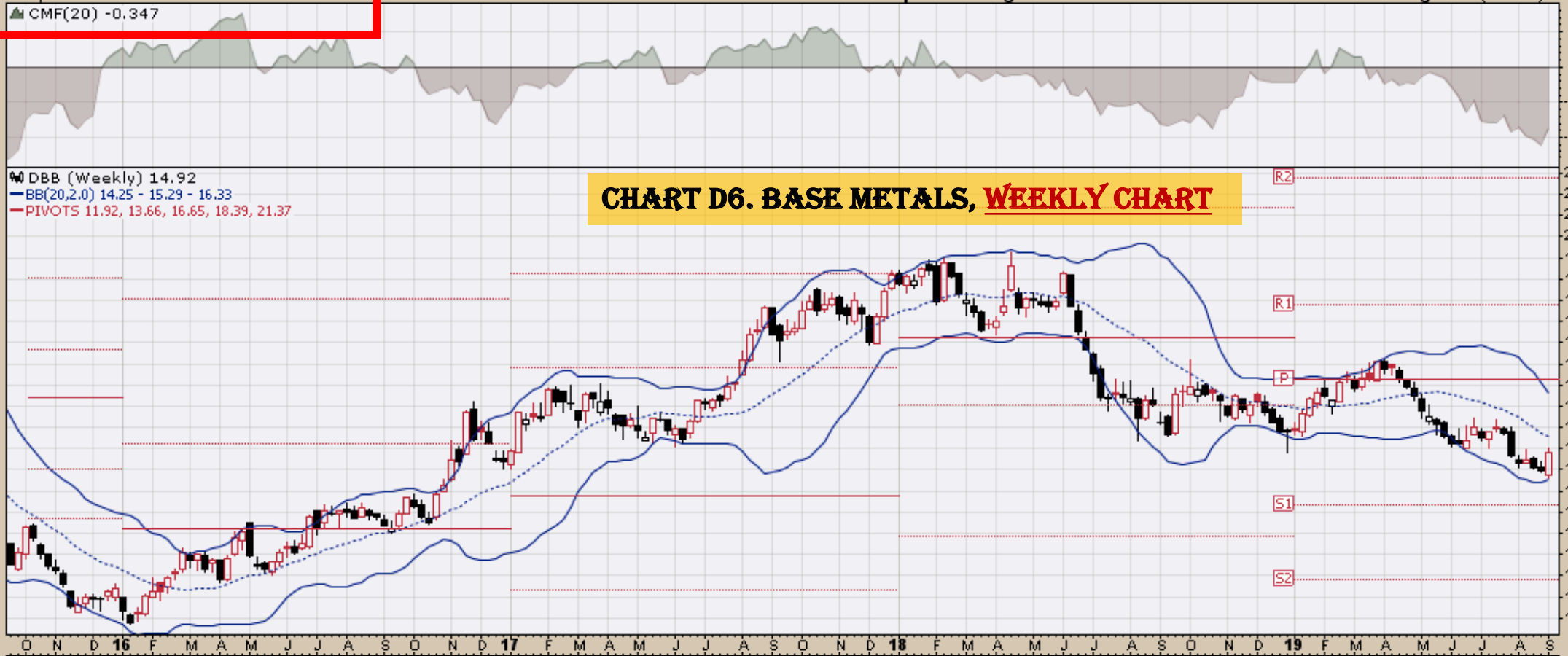


— MACD(12,26,9) -0.441, -0.283, -0.158



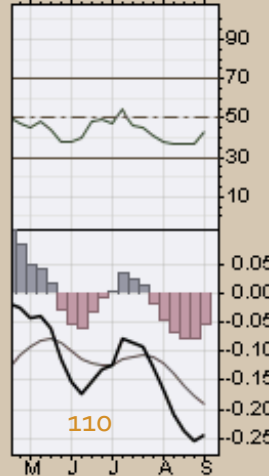
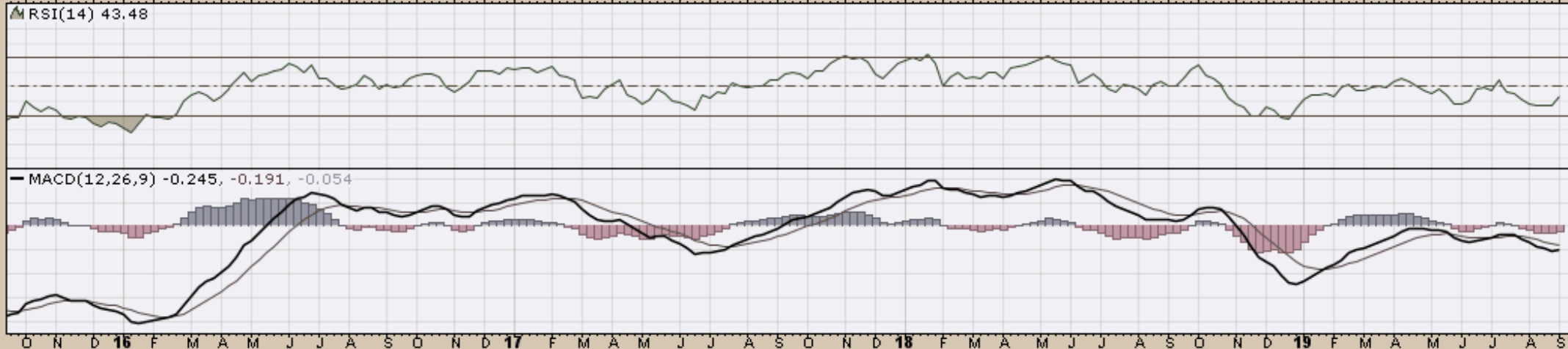
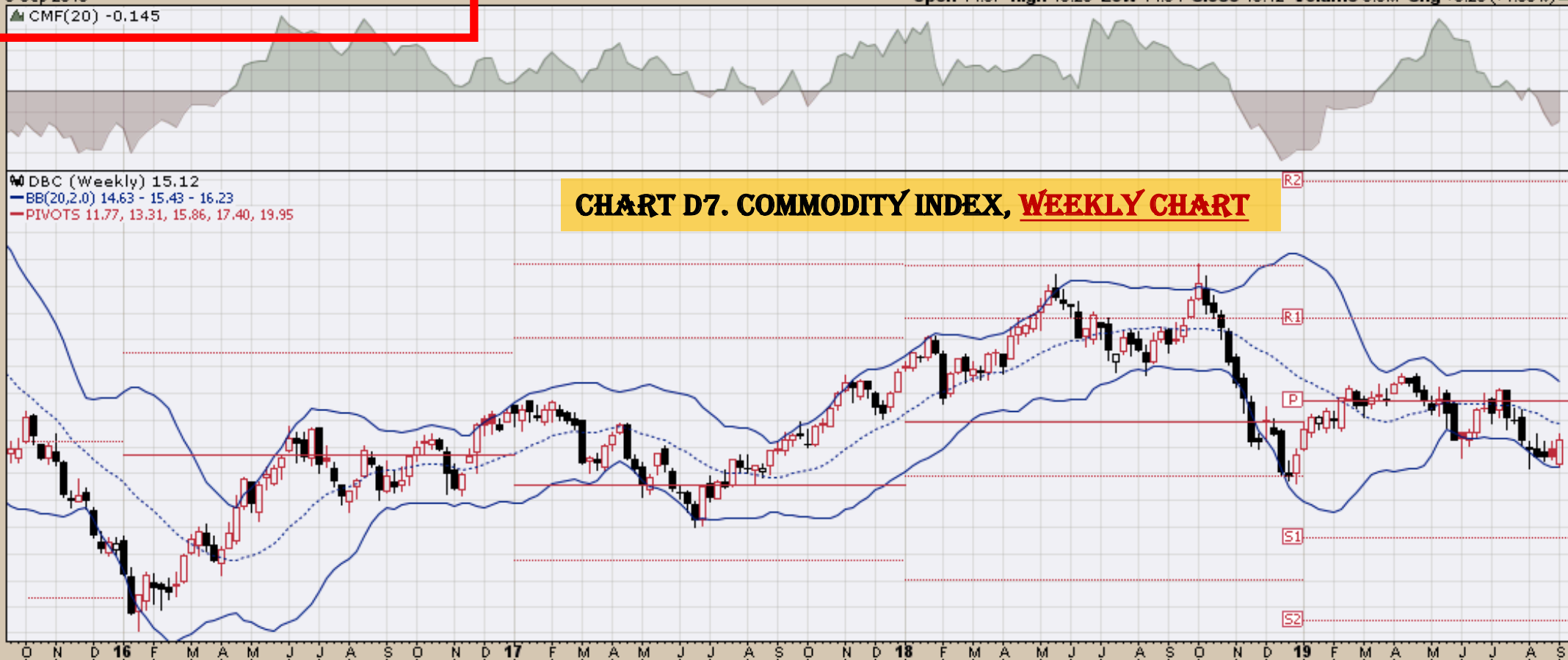
### CHART D6. BASE METALS, WEEKLY CHART

DBB (Weekly) 14.92  
— BB(20,2,0) 14.25 - 15.29 - 16.33  
— PIVOTS 11.92, 13.66, 16.65, 18.39, 21.37



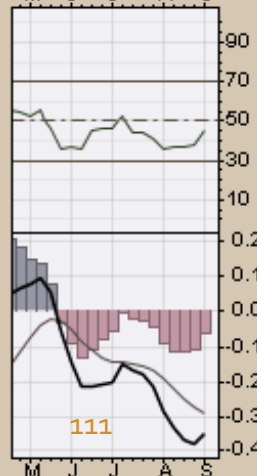
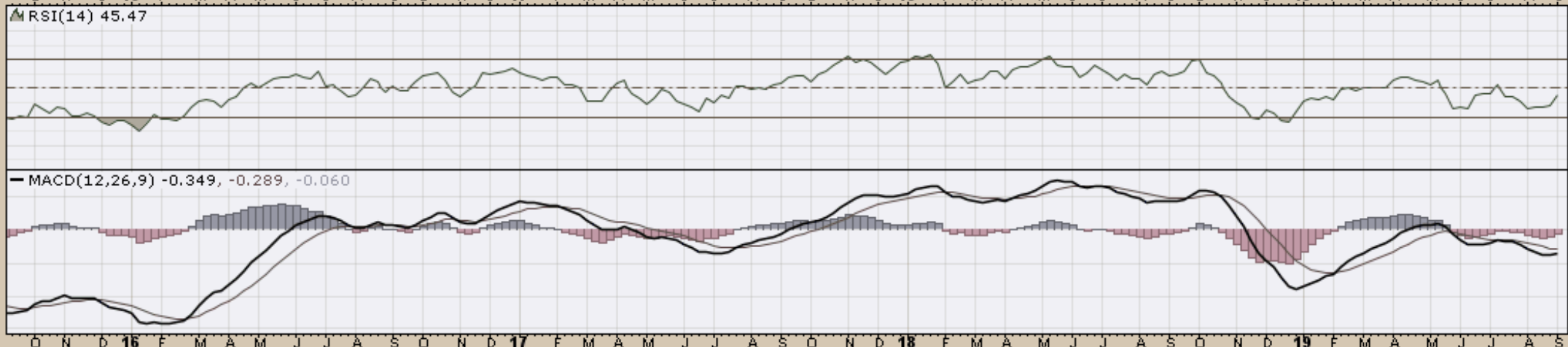
### CHART D7. COMMODITY INDEX, WEEKLY CHART

▲ DBC (Weekly) 15.12  
— BB(20,2,0) 14.63 - 15.43 - 16.23  
— PIVOTS 11.77, 13.31, 15.86, 17.40, 19.95



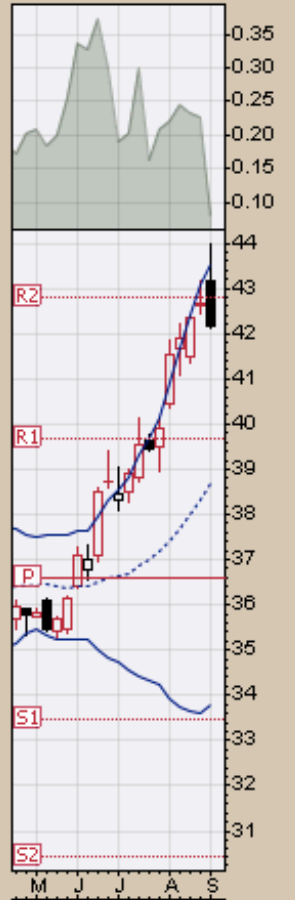
# CHART D8. ENERGY, WEEKLY CHART

DBE (Weekly) 13.67  
BB(20,2,0) 12.60 - 14.01 - 15.43  
PIVOTS 8.02, 10.47, 14.52, 16.97, 21.02

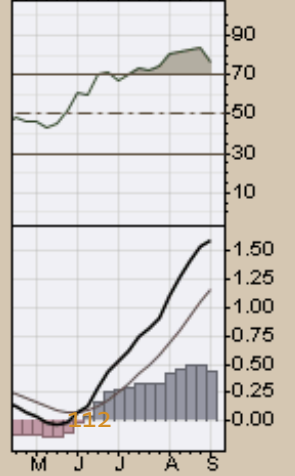
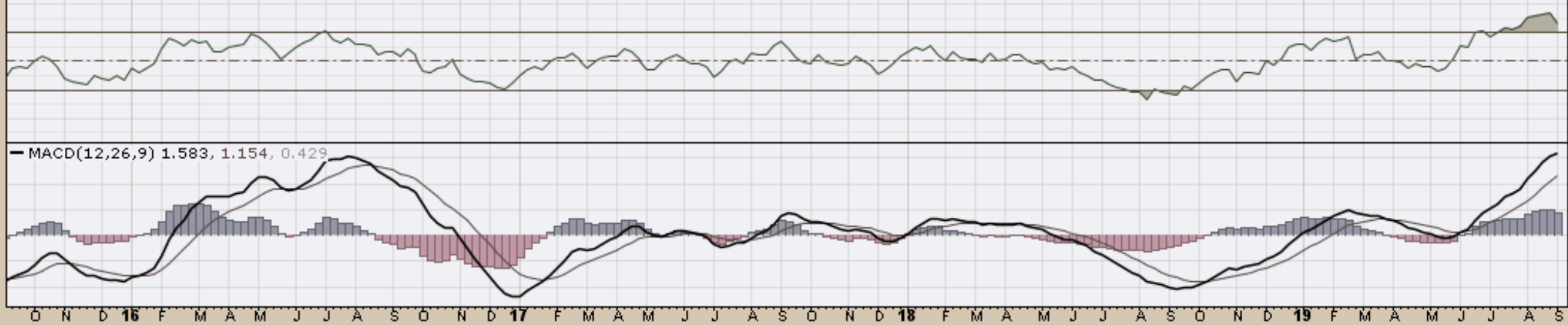


### CHART D9. PRECIOUS METALS, WEEKLY CHART

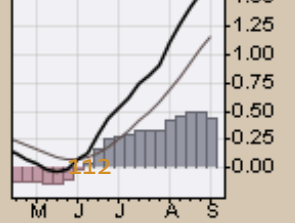
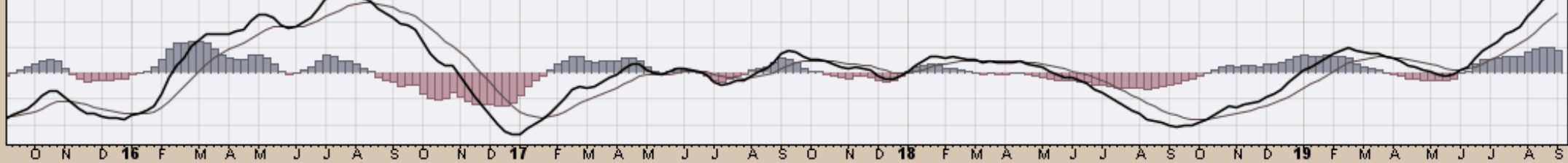
DBP (Weekly) 42.15  
— BB(20,2,0) 33.81 - 38.66 - 43.51  
— PIVOTS 30.41, 33.47, 36.61, 39.68, 42.82



▲ RSI(14) 77.01



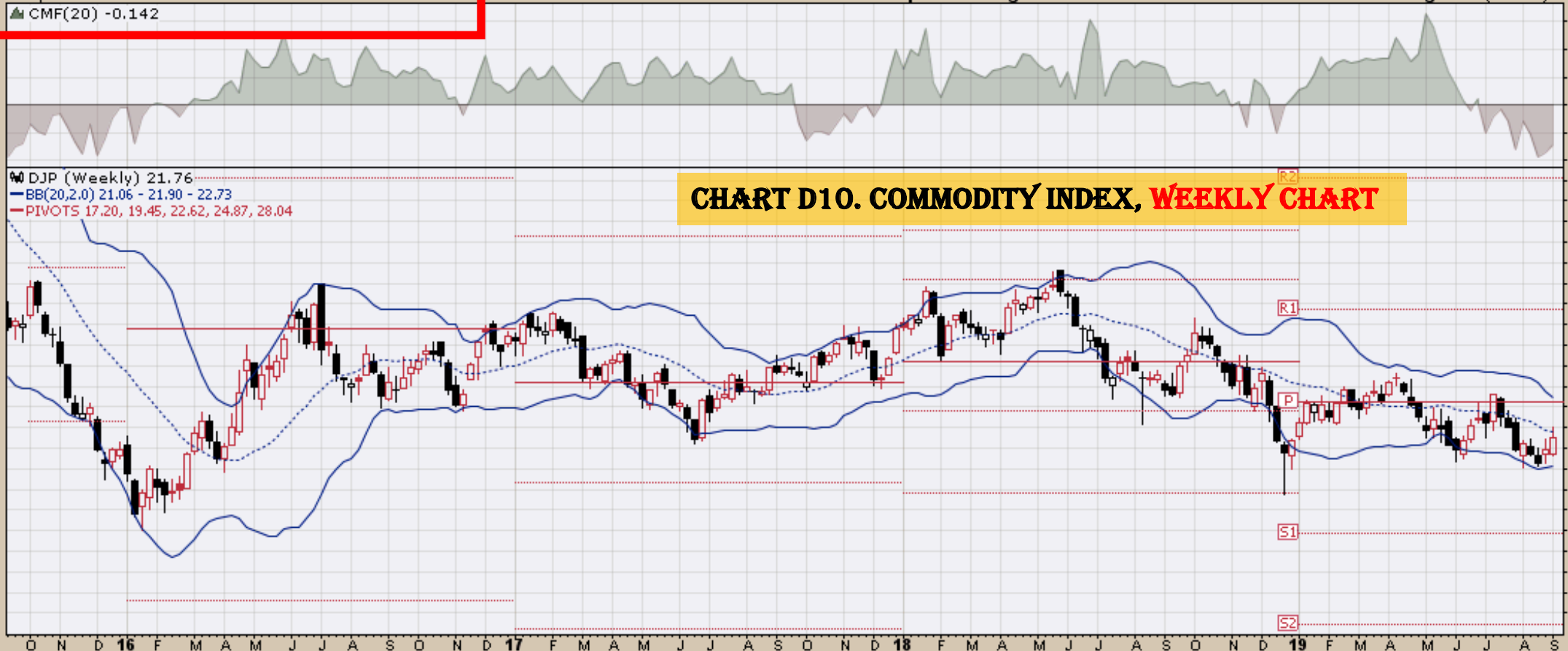
— MACD(12,26,9) 1.583, 1.154, 0.429



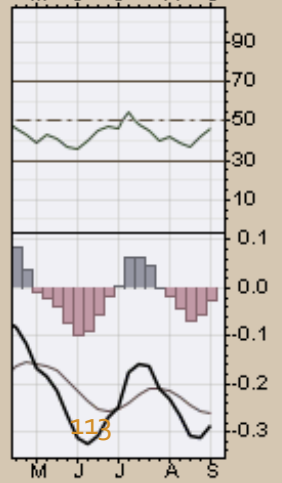
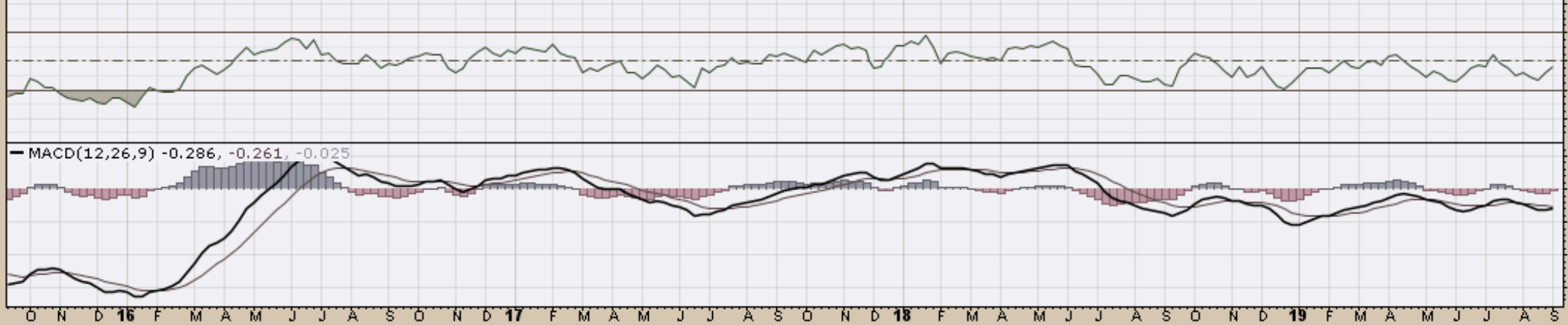


# CHART D10. COMMODITY INDEX, WEEKLY CHART

▲ DJP (Weekly) 21.76  
— BB(20,2,0) 21.06 - 21.90 - 22.73  
— PIVOTS 17.20, 19.45, 22.62, 24.87, 28.04

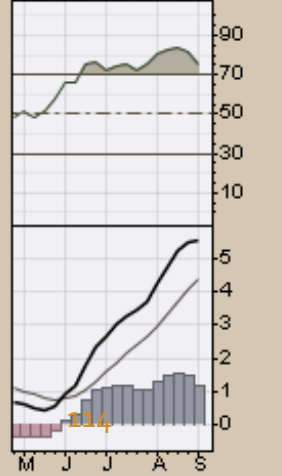
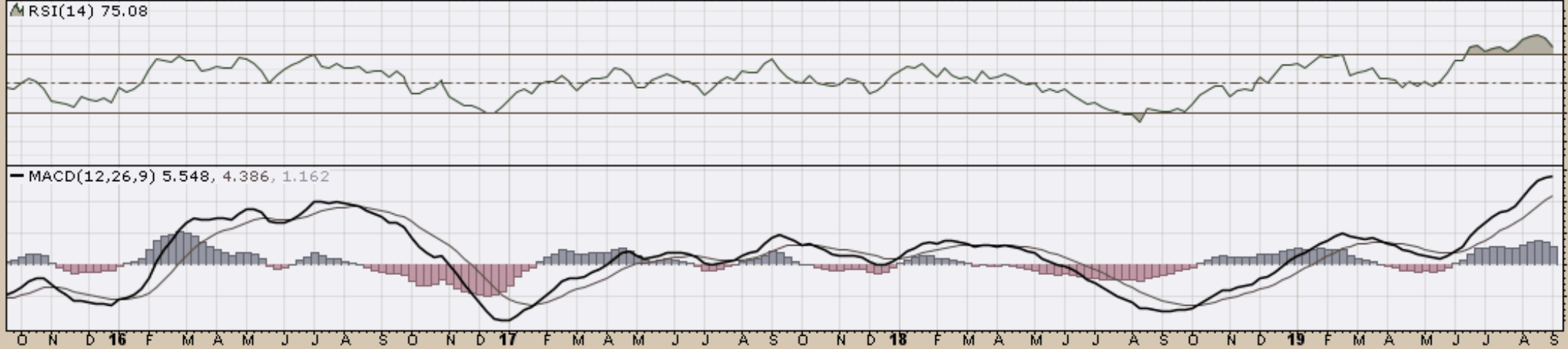


▲ RSI(14) 46.32



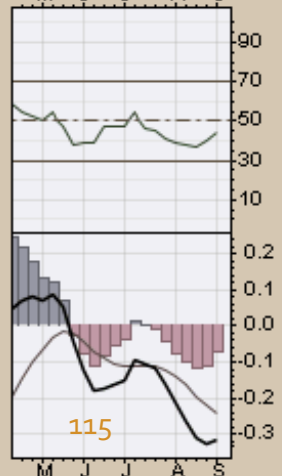
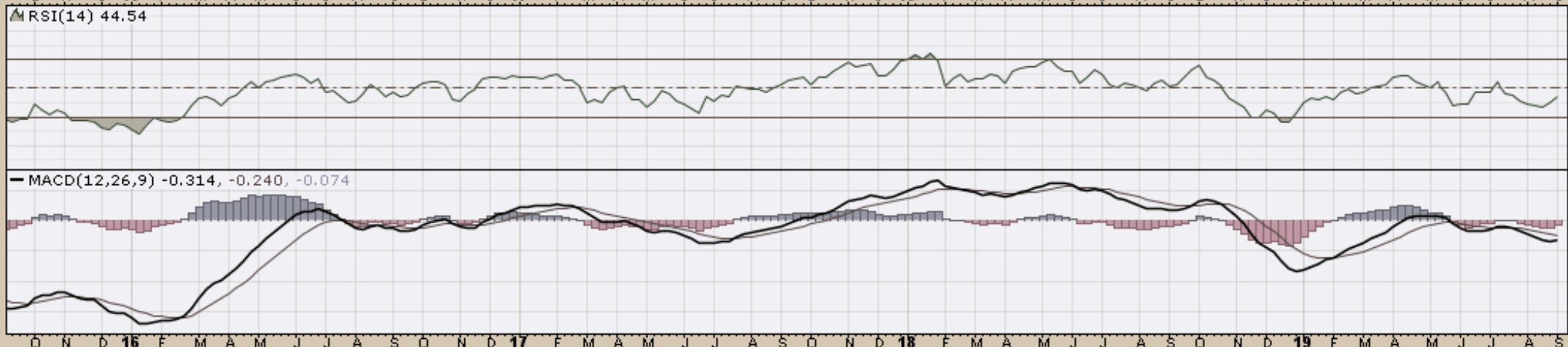
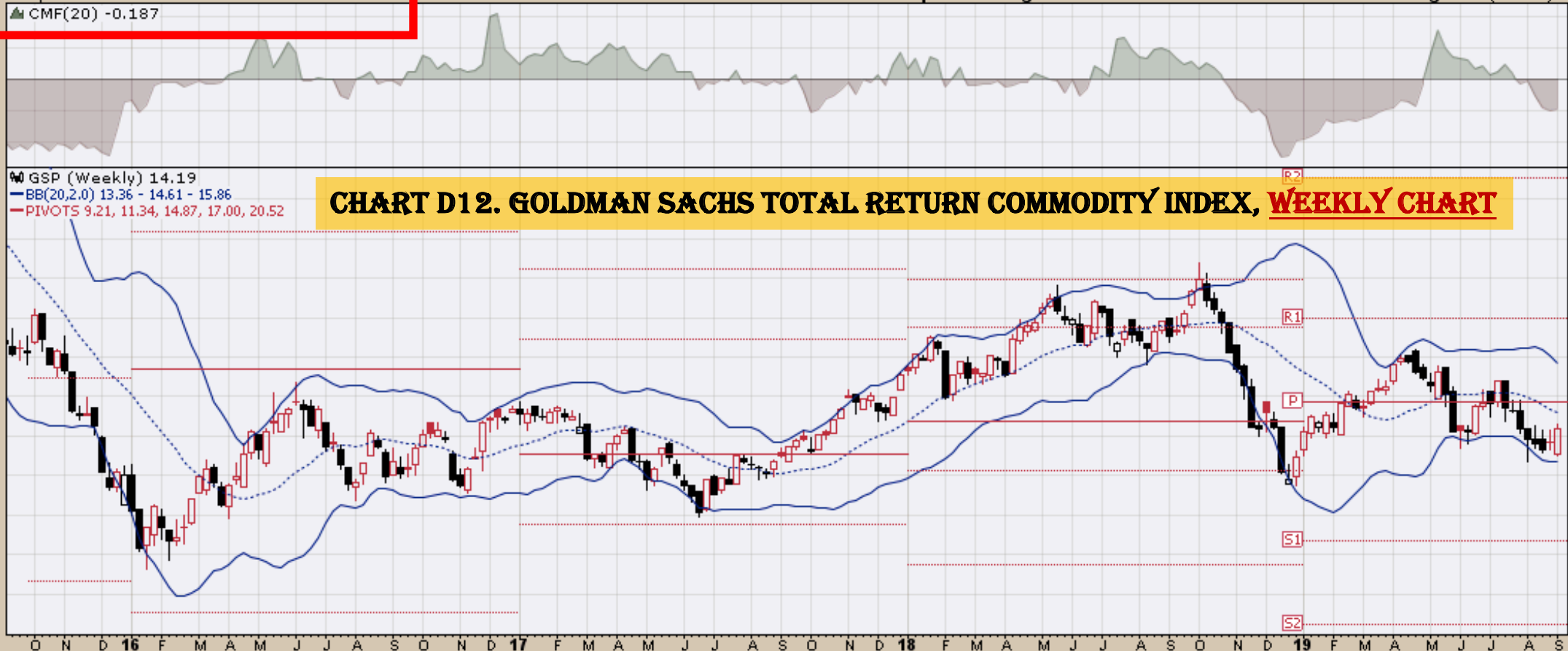
% GLD (Weekly) 141.92  
— BB(20,2,0) 115.16 - 131.53 - 147.91  
— PIVOTS 102.22, 111.83, 120.67, 130.28, 139.13

### CHART D11. GOLD, WEEKLY CHART



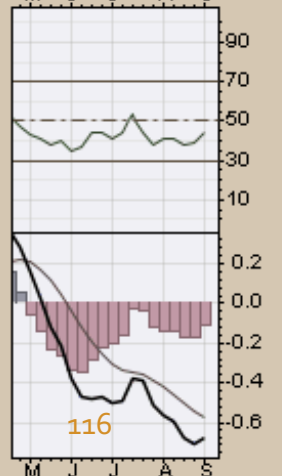
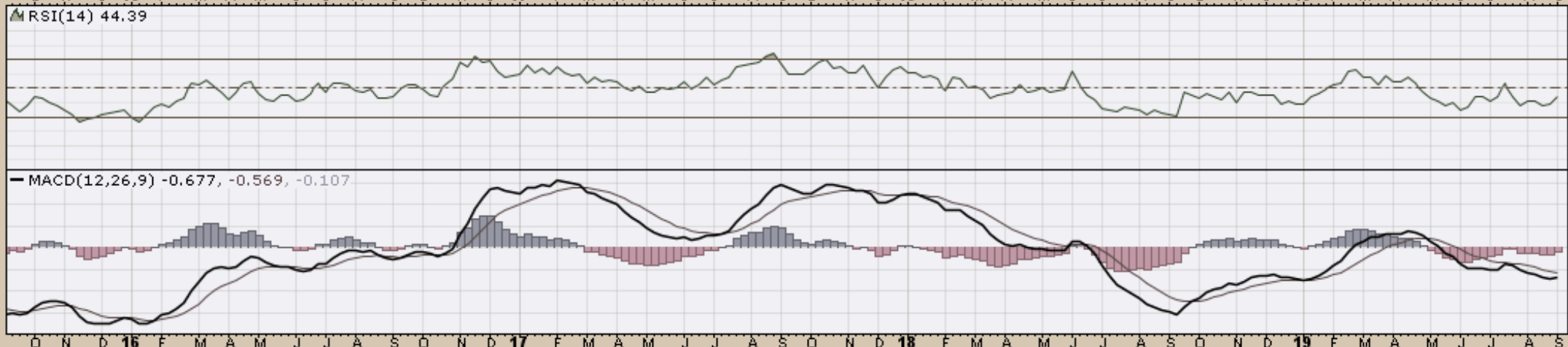
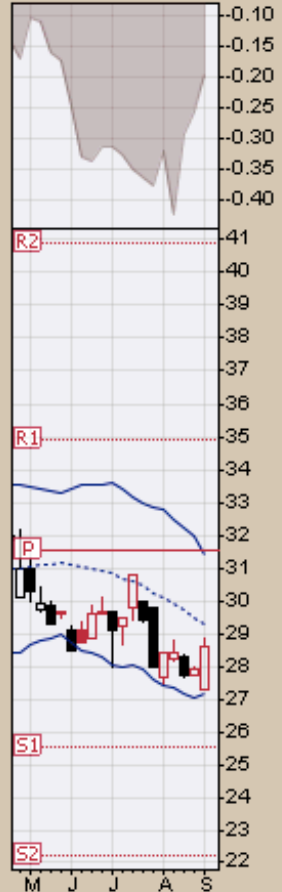
### CHART D12. GOLDMAN SACHS TOTAL RETURN COMMODITY INDEX, WEEKLY CHART

% GSP (Weekly) 14.19  
— BB(20,2,0) 13.36 - 14.61 - 15.86  
— PIVOTS 9.21, 11.34, 14.87, 17.00, 20.52



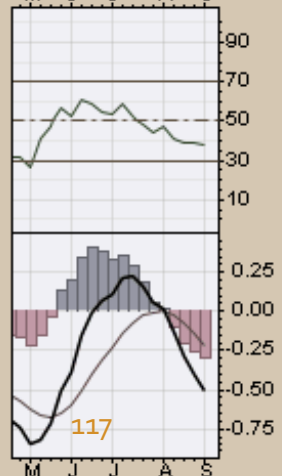
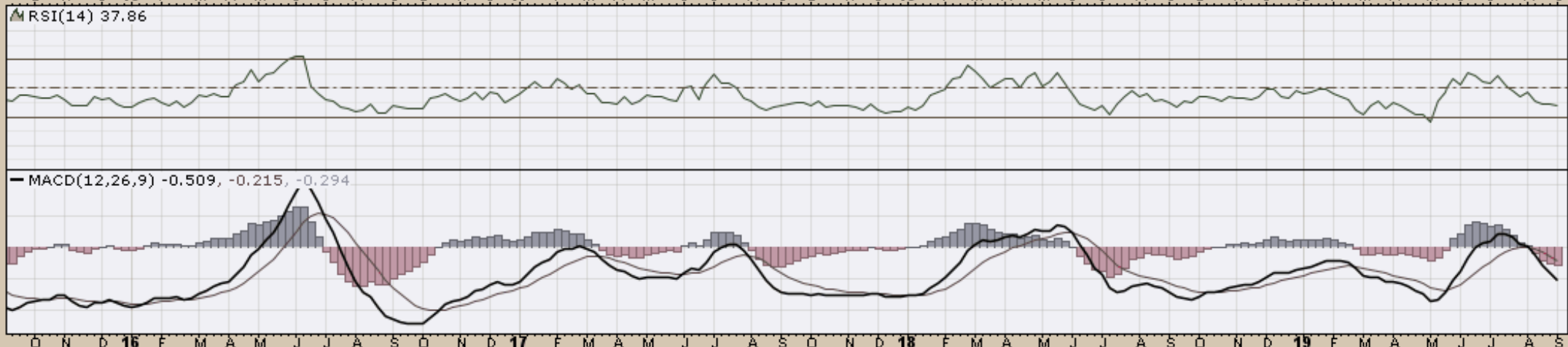
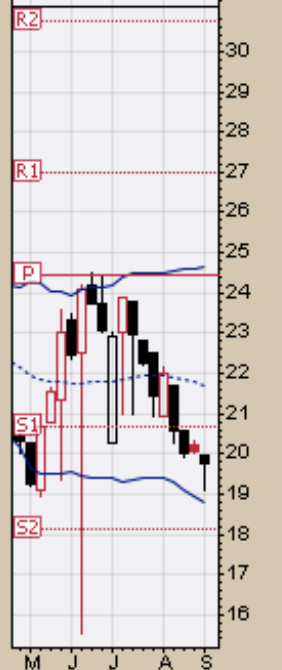
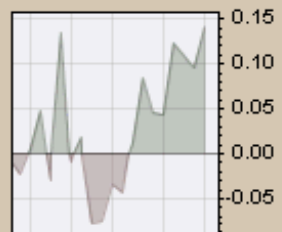
### CHART D13. COPPER SUBINDEX, WEEKLY CHART

▲ JJCTF (Weekly) 28.62  
— BB(20,2,0) 27.19 - 29.31 - 31.43  
— PIVOTS 22.19, 25.57, 31.53, 34.91, 40.87



### CHART D14. GRAINS, WEEKLY CHART

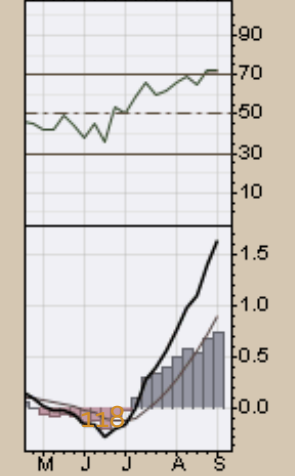
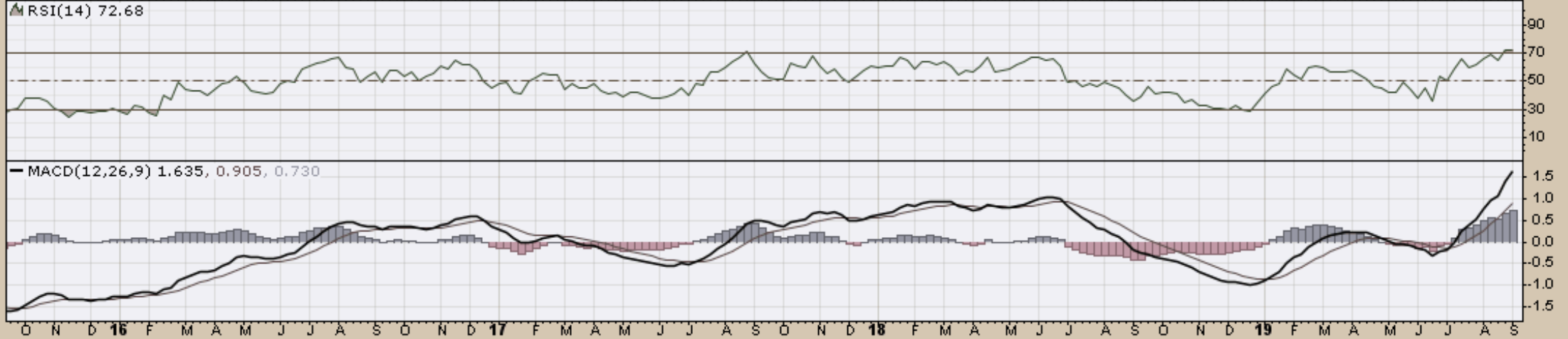
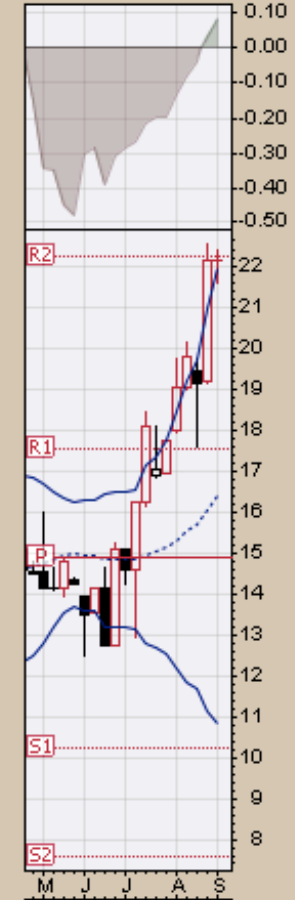
▲ JJGTf (Weekly) 19.76  
— BB(20,2,0) 18.77 - 21.72 - 24.67  
— PIVOTS 18.11, 20.69, 24.42, 27.00, 30.73



3-Sep-2019  
▲ CMF(20) 0.079

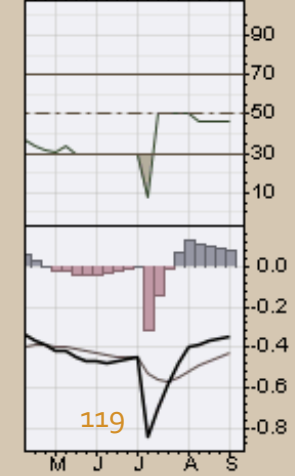
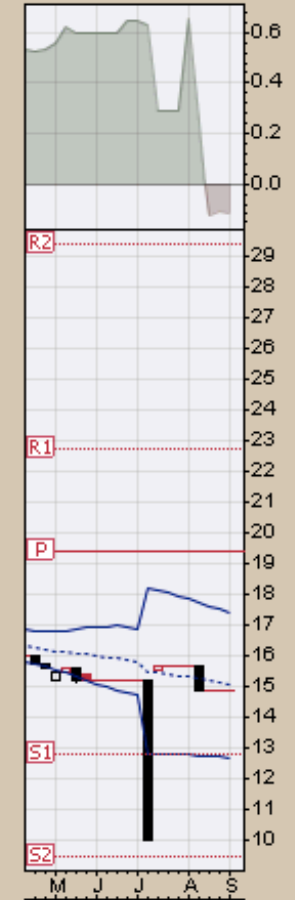
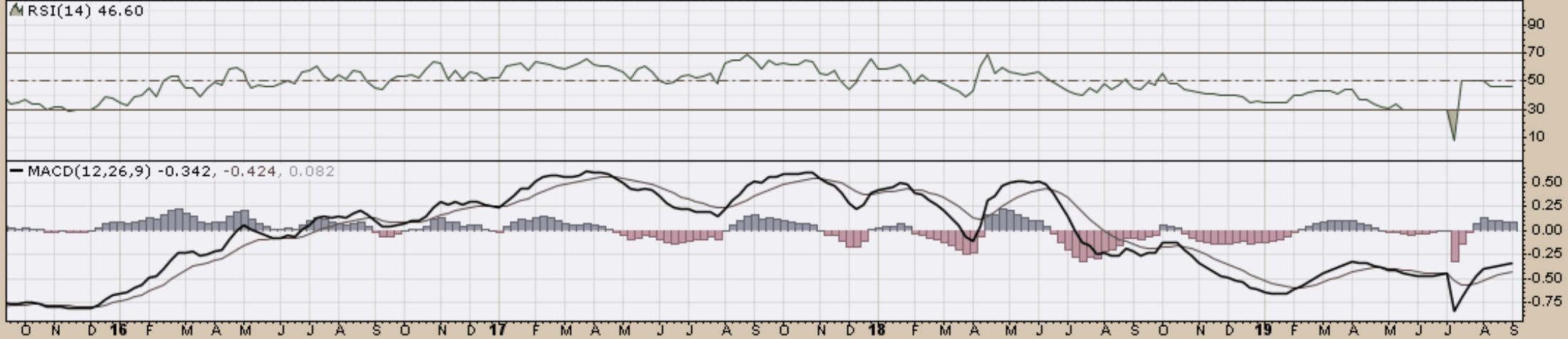
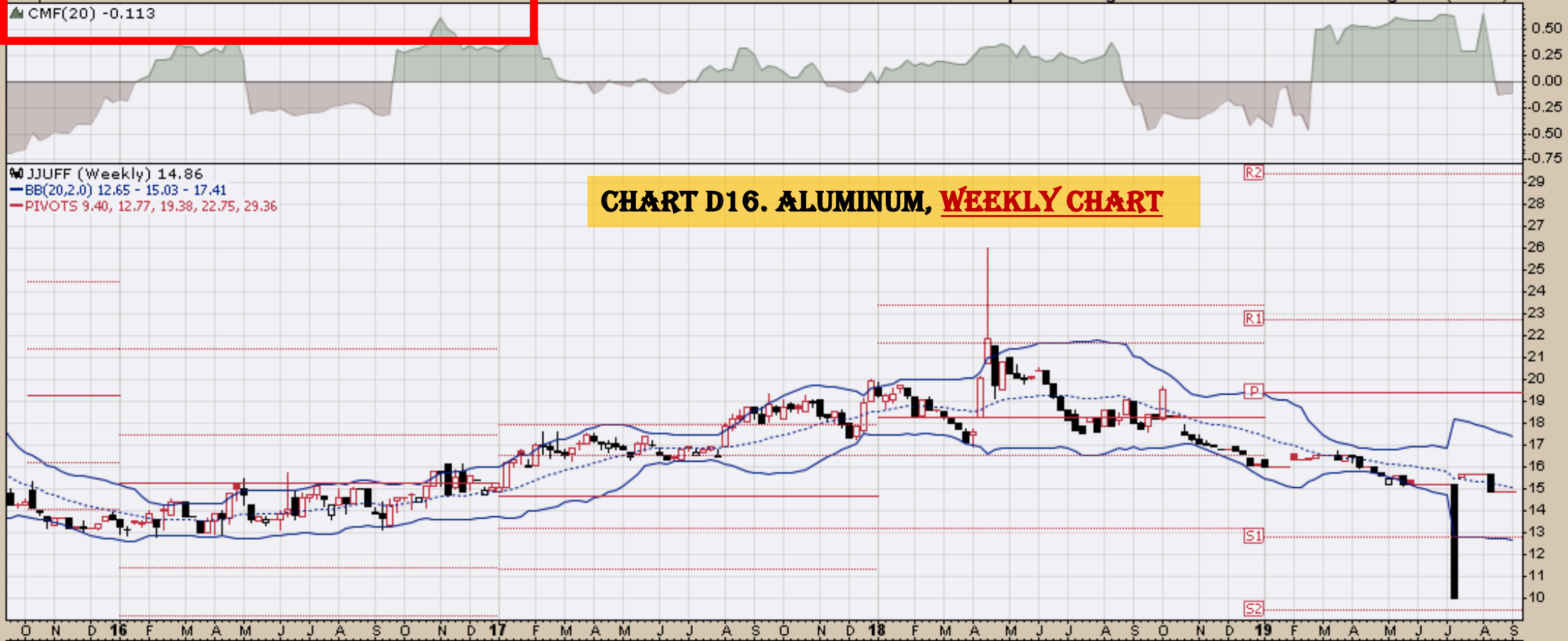
%% JJNTF (Weekly) 22.14  
— BB(20,2,0) 10.87 - 16.39 - 21.92  
— PIVOTS 7.59, 10.25, 14.90, 17.56, 22.21

### CHART D15. NICKEL, WEEKLY CHART



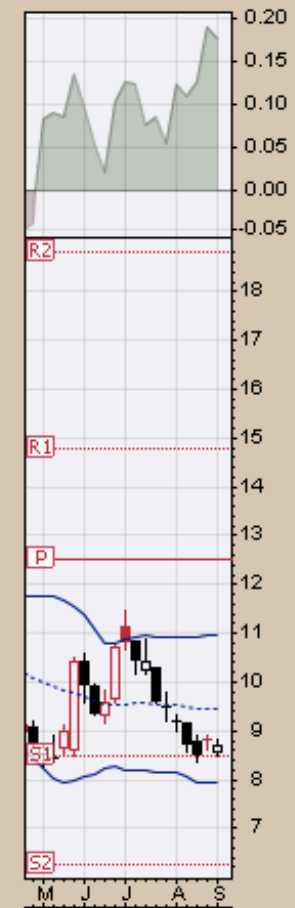
▲ JJUFF (Weekly) 14.86  
— BB(20,2,0) 12.65 - 15.03 - 17.41  
— PIVOTS 9.40, 12.77, 19.38, 22.75, 29.36

### CHART D16. ALUMINUM, WEEKLY CHART

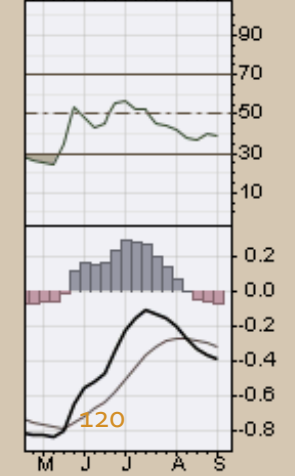
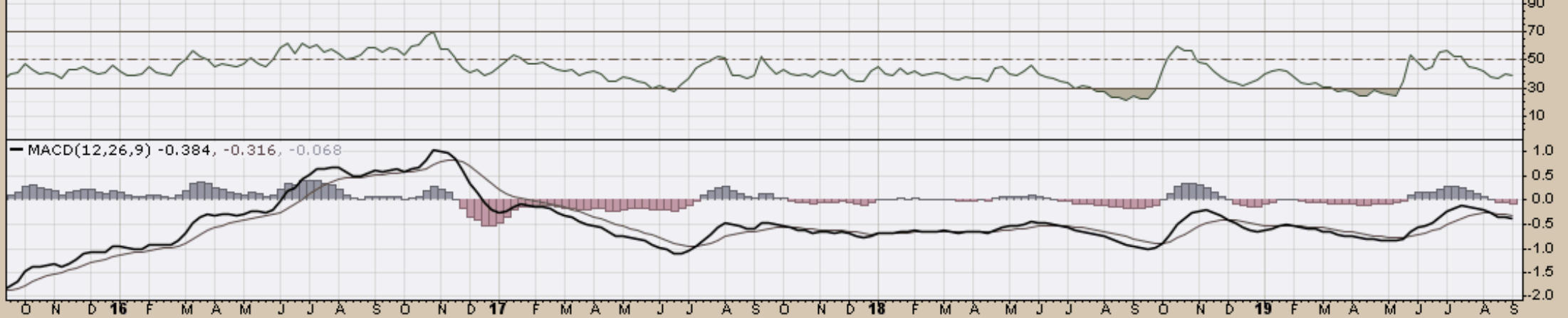


### CHART D17. COFFEE, WEEKLY CHART

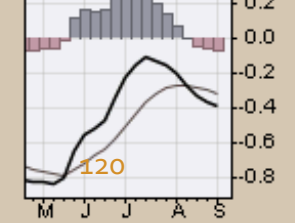
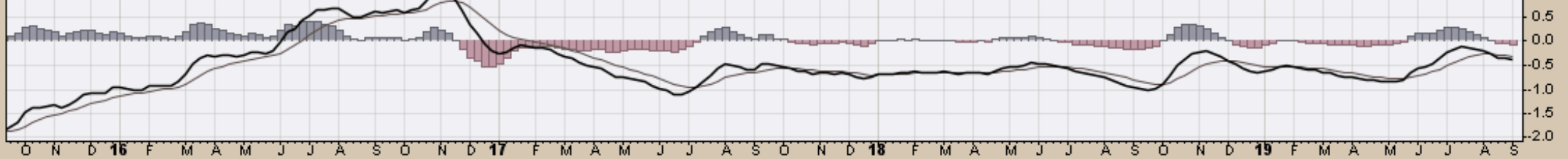
▲ JJOFF (Weekly) 8.72  
— BB(20,2,0) 7.93 - 9.44 - 10.95  
— PIVOTS 6.24, 8.50, 12.52, 14.77, 18.79



▲ RSI(14) 39.51



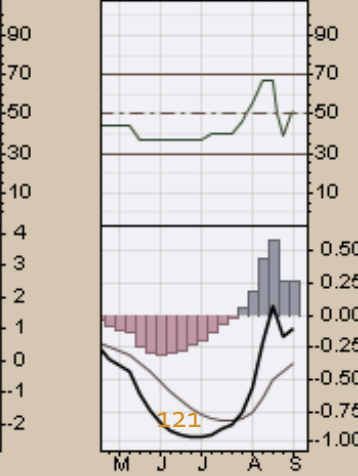
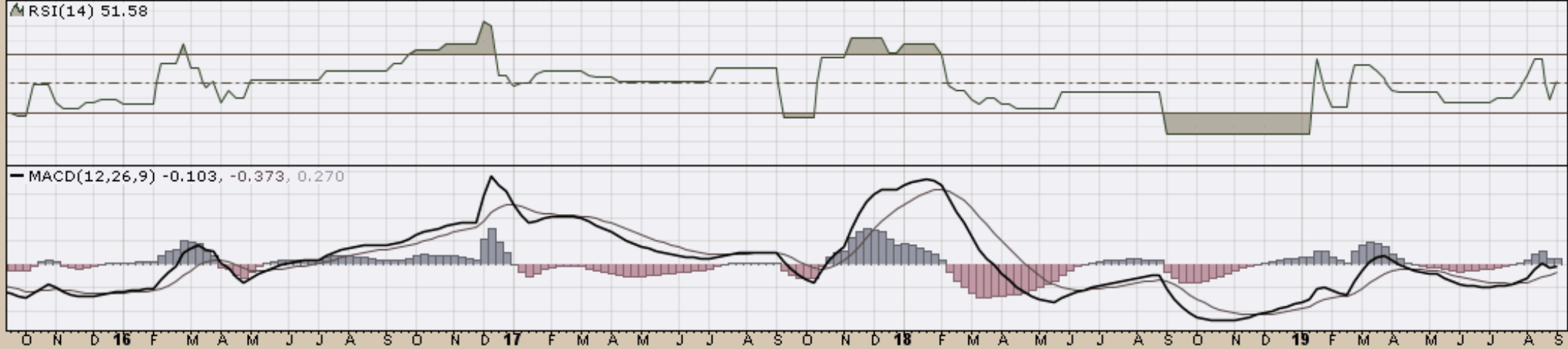
— MACD(12,26,9) -0.384, -0.316, -0.068





# CHART D18. LEAD, WEEKLY CHART

LD (Weekly) 44.00  
BB(20,2,0) 39.72 - 42.82 - 45.92  
PIVOTS 26.66, 34.89, 48.44, 56.67, 70.22



LIT Global X Lithium ETF NYSE

3-Sep-2019

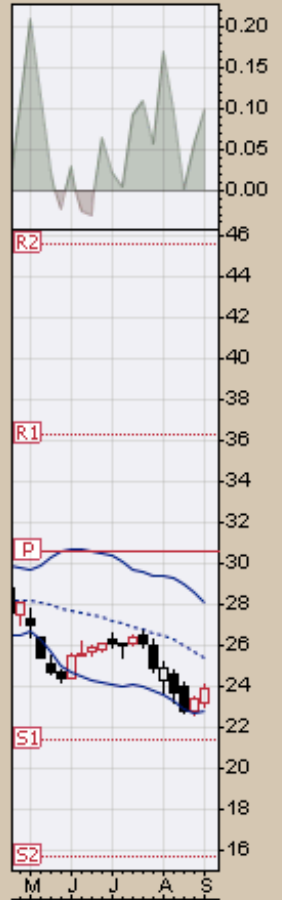
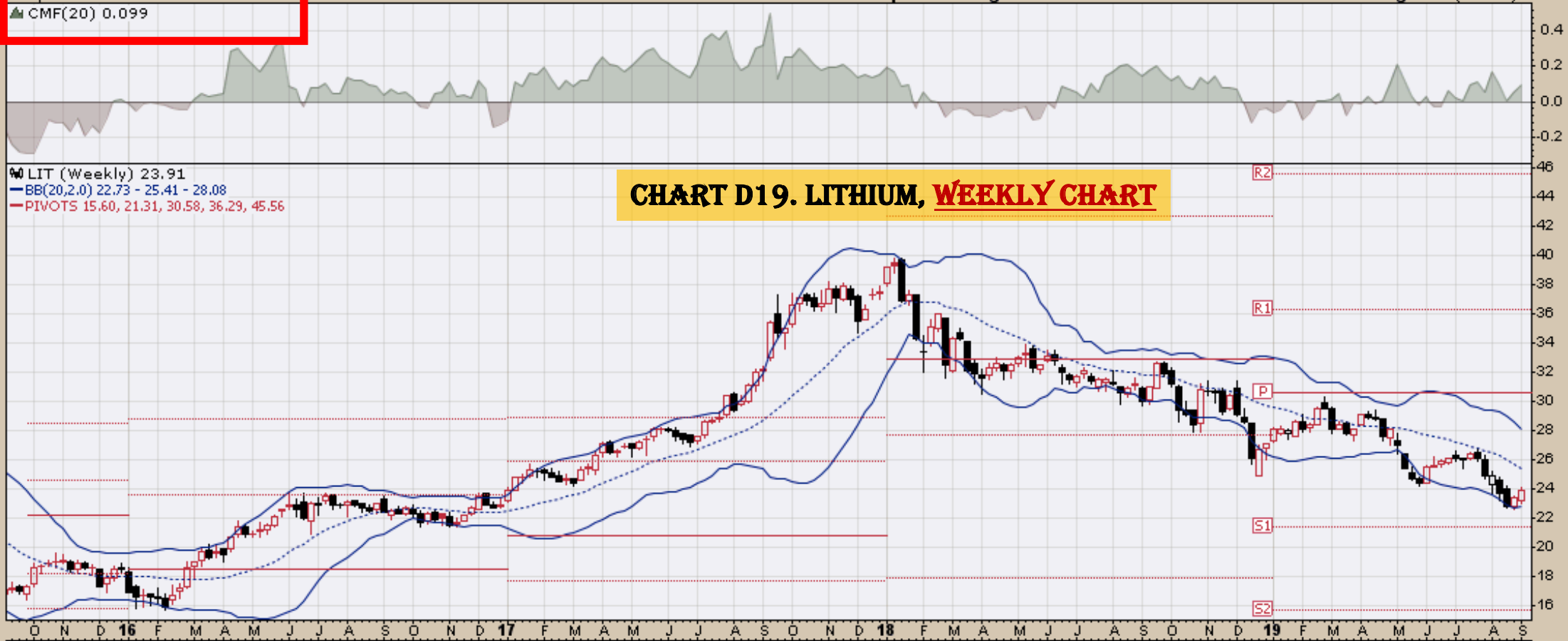
▲ CMF(20) 0.099

Open 23.12 High 24.05 Low 23.00 Close 23.91 Volume 429.1K Chg +0.54 (+2.31%)▲

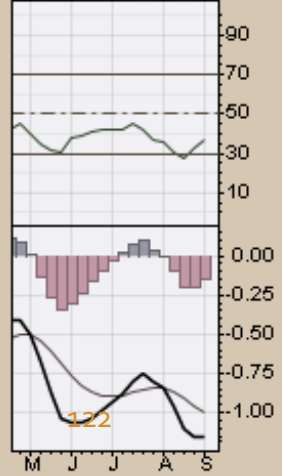
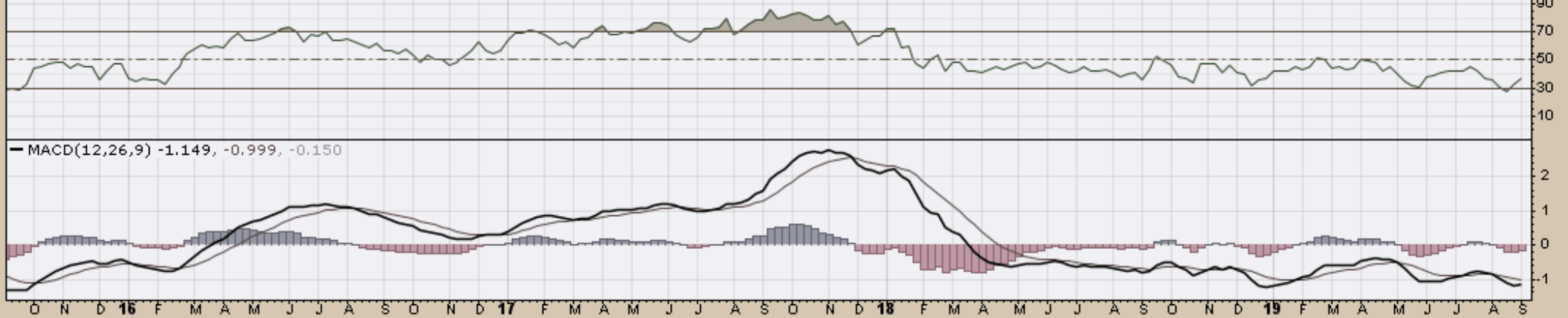
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### CHART D19. LITHIUM, WEEKLY CHART

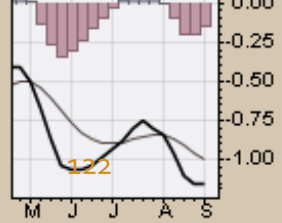
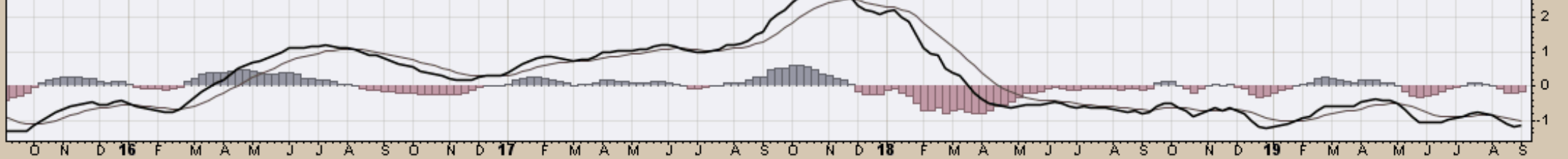
▲ LIT (Weekly) 23.91  
— BB(20,2,0) 22.73 - 25.41 - 28.08  
— PIVOTS 15.60, 21.31, 30.58, 36.29, 45.56



▲ RSI(14) 37.26



— MACD(12,26,9) -1.149, -0.999, -0.150



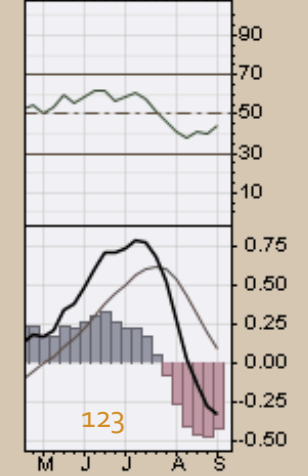
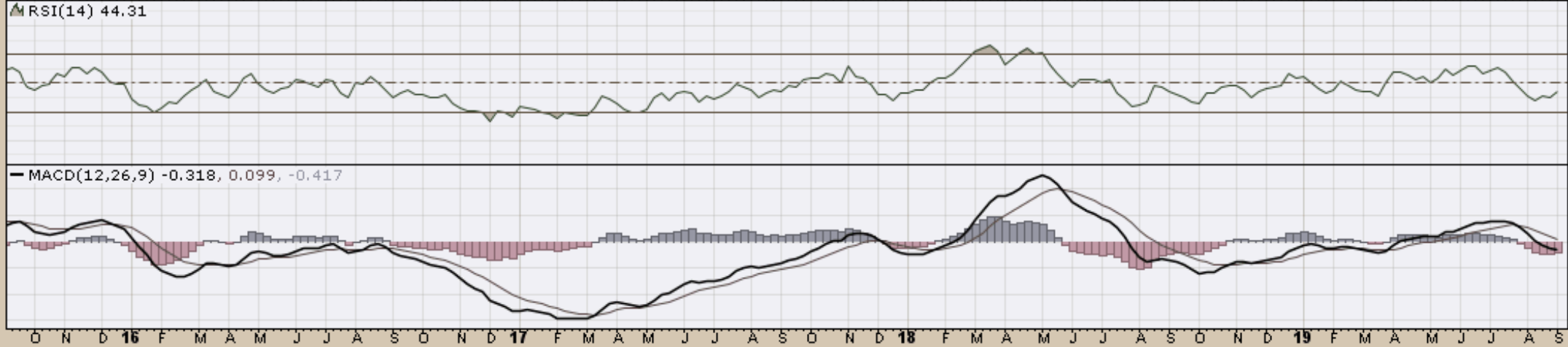
NIB iPath Bloomberg Cocoa Subindex Total Return ETN NYSE  
3-Sep-2019  
▲ CMF(20) -0.038

Open 24.79 High 25.98 Low 24.79 Close 25.78 Volume 51.0K Chg +0.77 (+3.06%)▲

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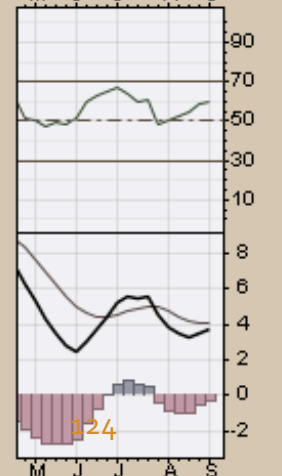
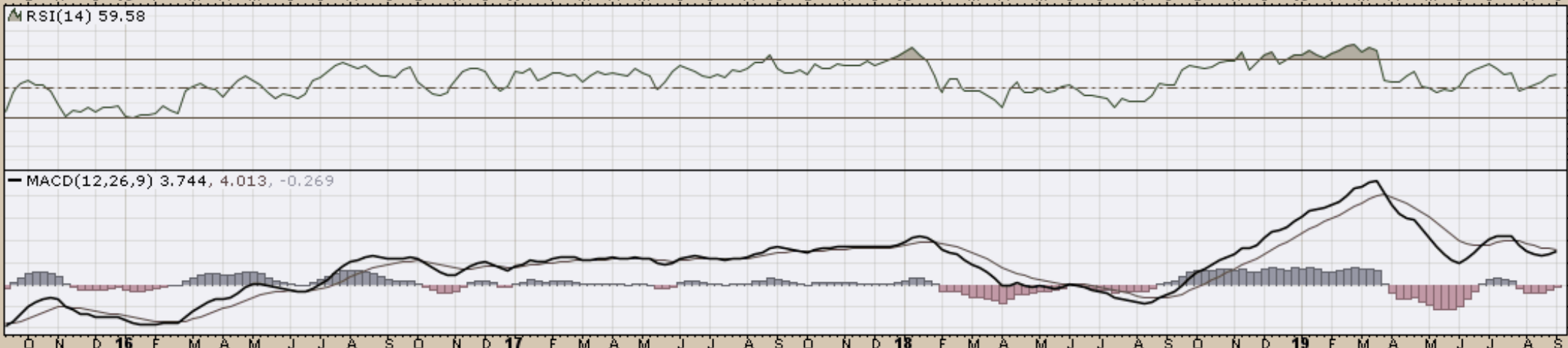
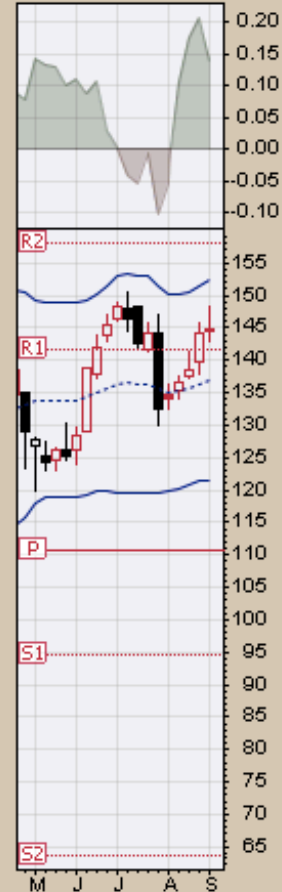
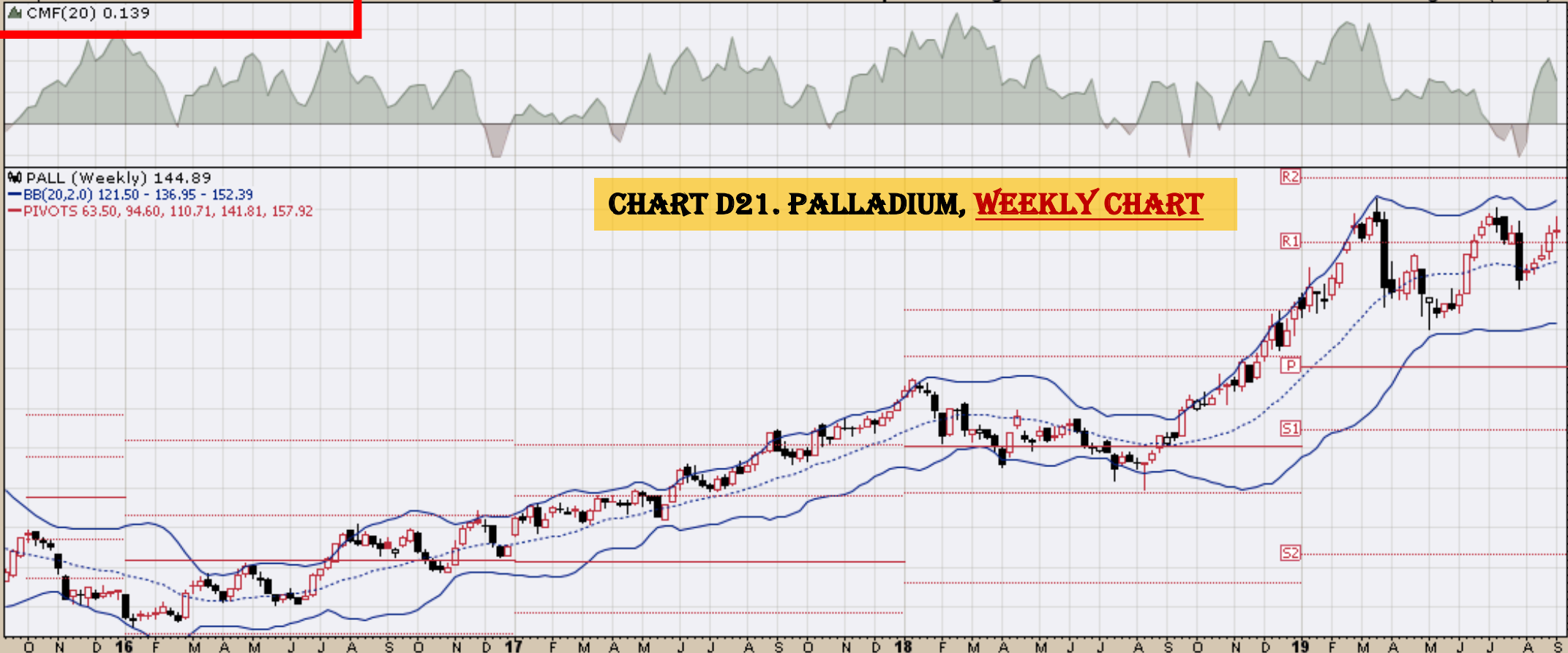
### CHART D20. COCOA, WEEKLY CHART

▲ NIB (Weekly) 25.78  
— BB(20,2.0) 24.41 - 27.36 - 30.31  
— PIVOTS 14.85, 20.96, 28.37, 34.48, 41.89



### CHART D21. PALLADIUM, WEEKLY CHART

▲ PALL (Weekly) 144.89  
— BB(20,2,0) 121.50 - 136.95 - 152.39  
— PIVOTS 63.50, 94.60, 110.71, 141.81, 157.92

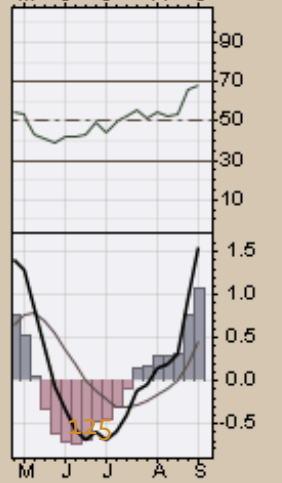
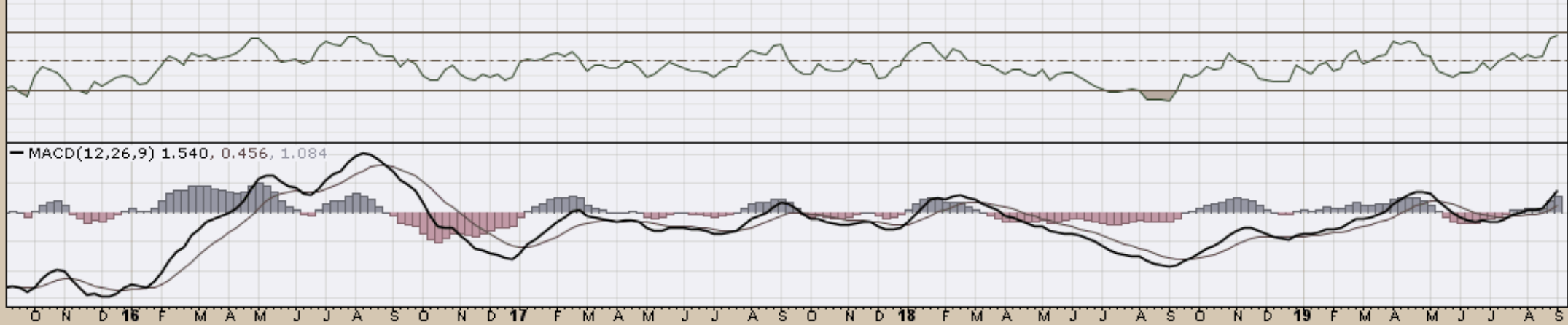


### CHART D22. PLATINUM, WEEKLY CHART

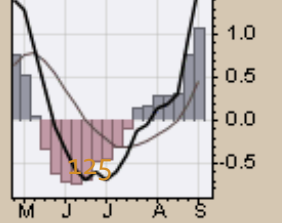
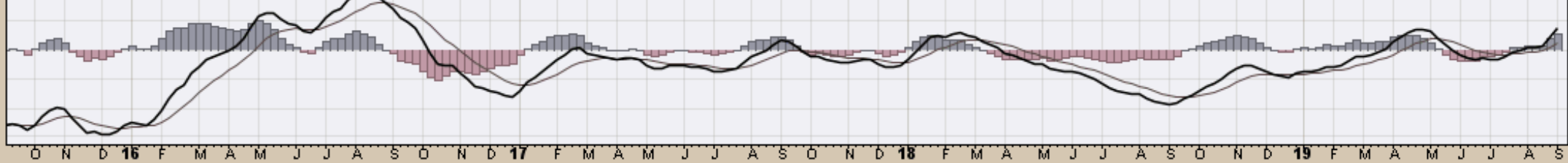
▲ PPLT (Weekly) 89.33  
— BB(20,2,0) 72.35 - 80.06 - 87.77  
— PIVOTS 56.56, 67.22, 82.58, 93.24, 108.60



▲ RSI(14) 67.78



— MACD(12,26,9) 1.540, 0.456, 1.084

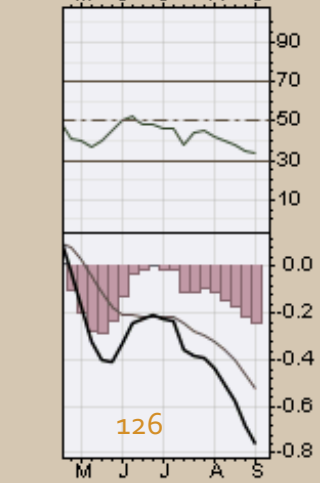
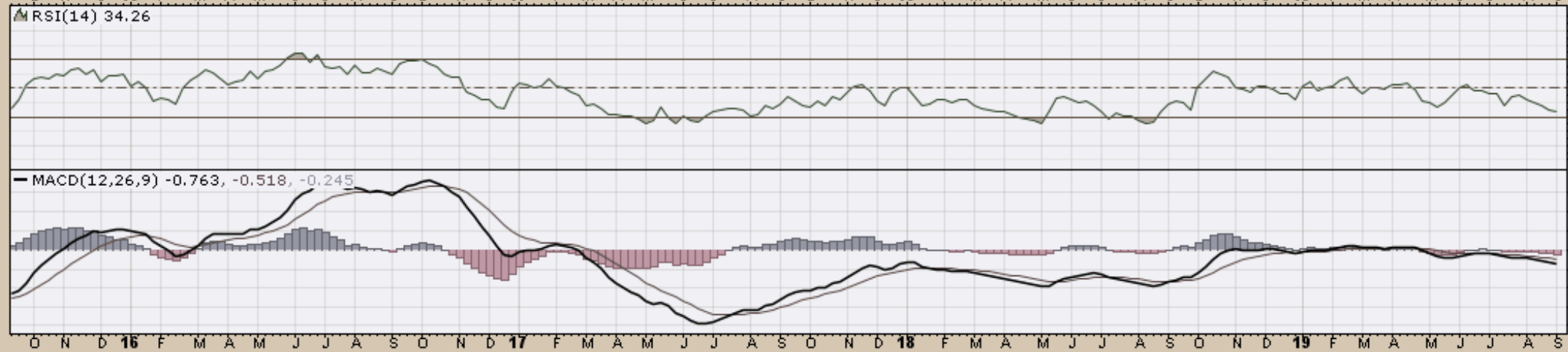


6-Sep-2019

▲ CMF(20) -0.163

### CHART D23. SUGAR, WEEKLY CHART

SGGFF (Weekly) 19.25  
BB(20,2,0) 19.21 - 21.34 - 23.47  
PIVOTS 10.84, 16.09, 23.74, 28.99, 36.64

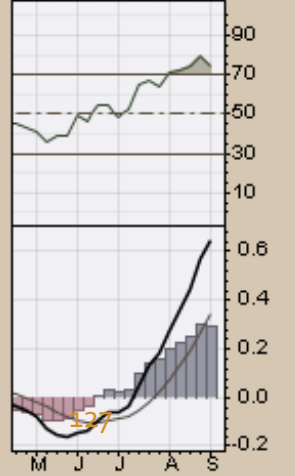
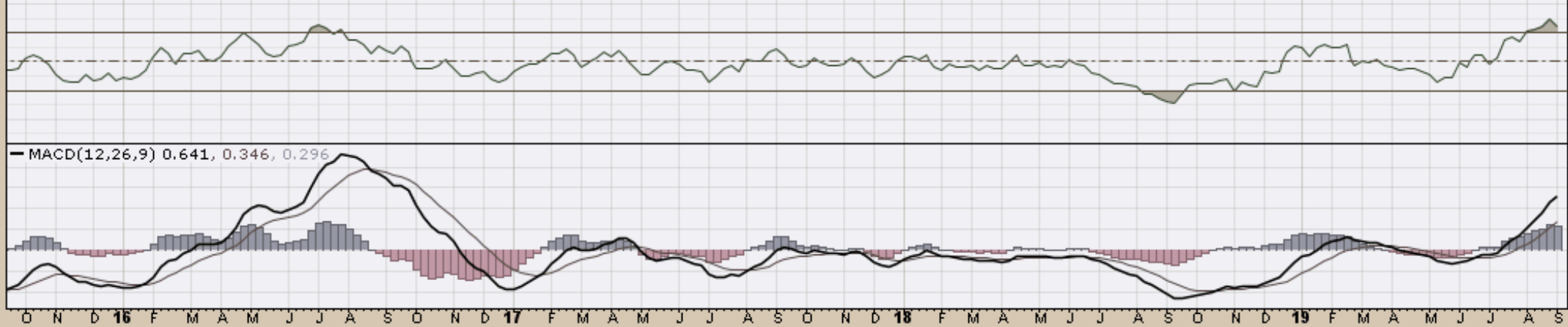


### CHART D24. SILVER, WEEKLY CHART

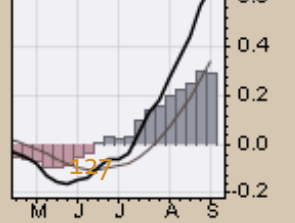
SLV (Weekly) 16.87  
BB(20,2,0) 12.57 - 14.78 - 16.99  
PIVOTS 11.30, 13.01, 14.83, 16.54, 18.36

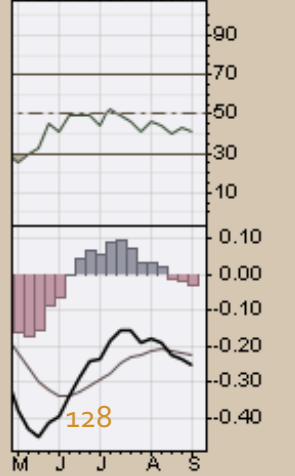
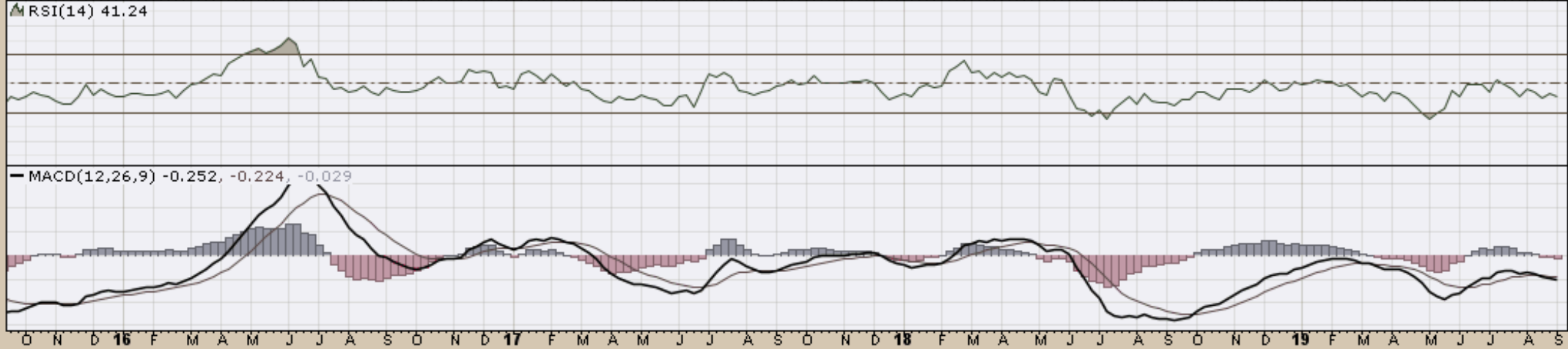
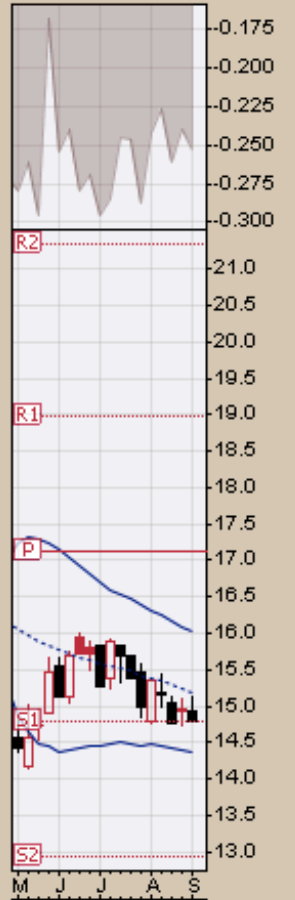


▲ RSI(14) 74.20

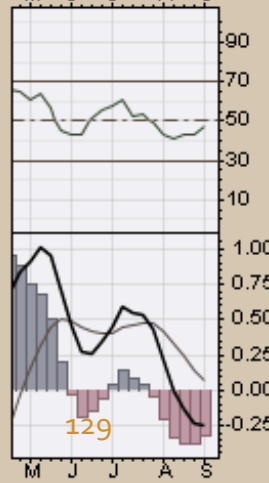
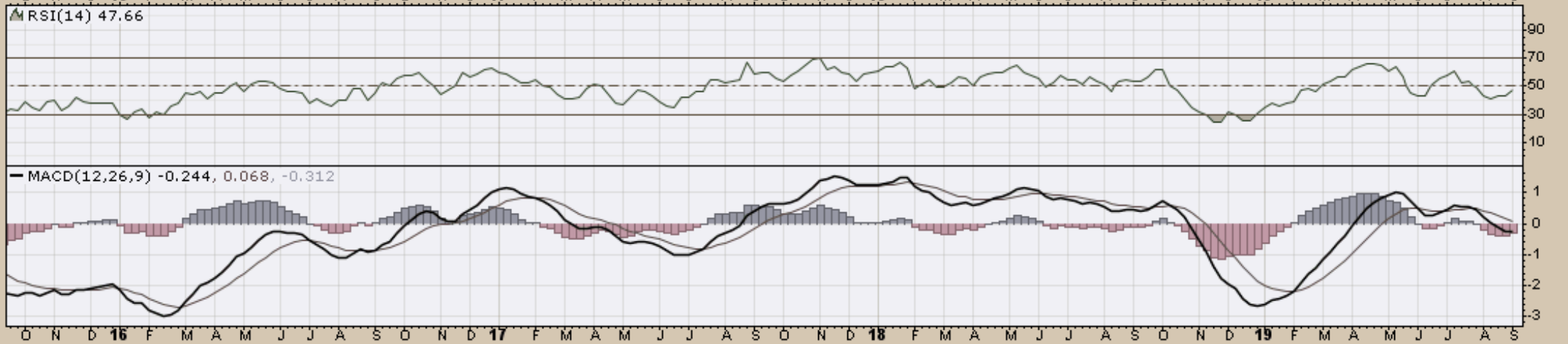
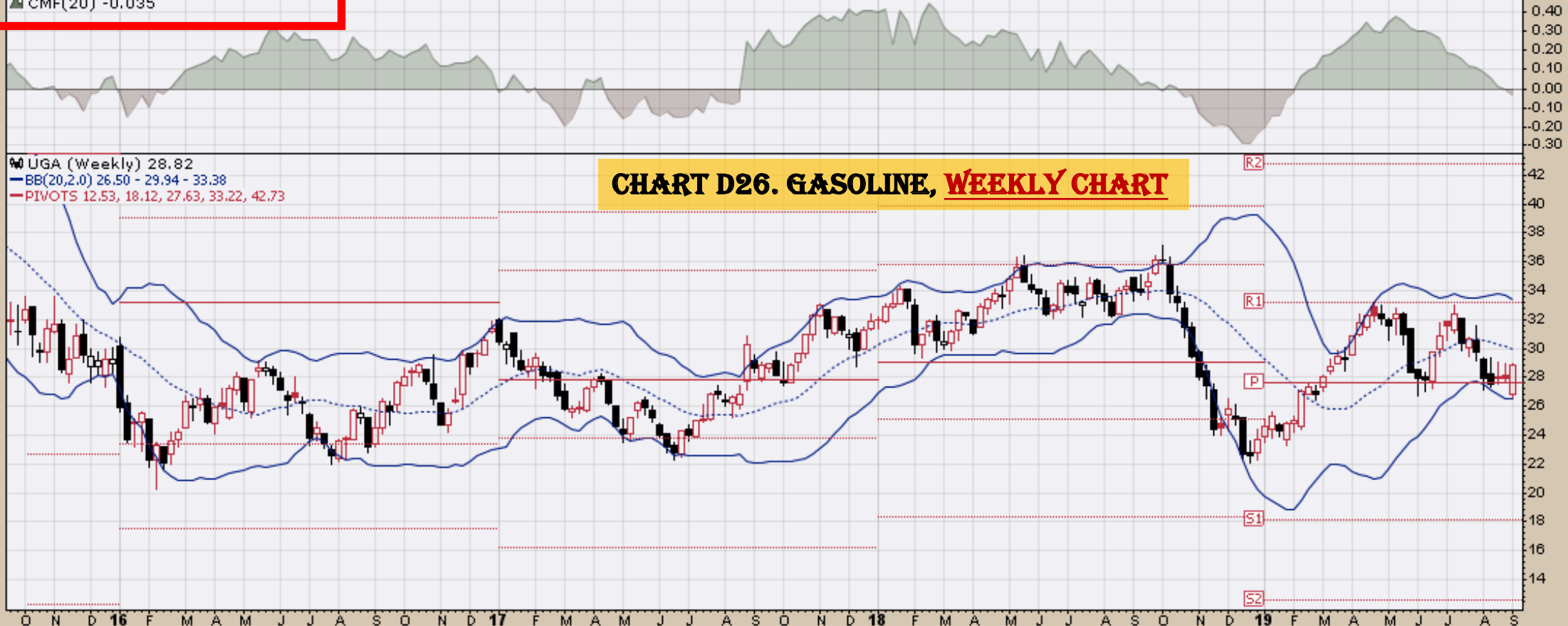


MACD(12,26,9) 0.641, 0.346, 0.296



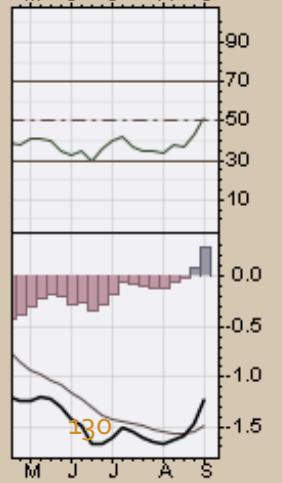
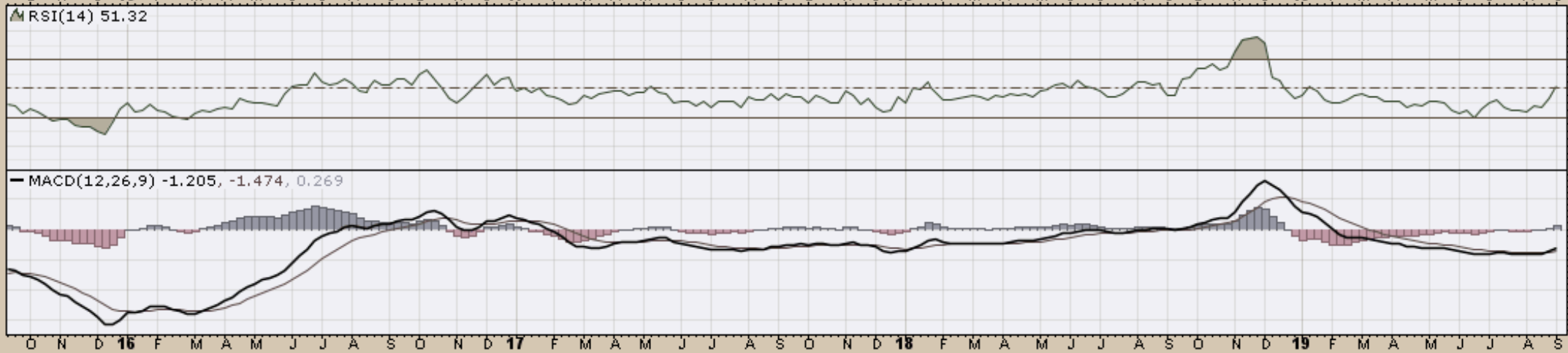
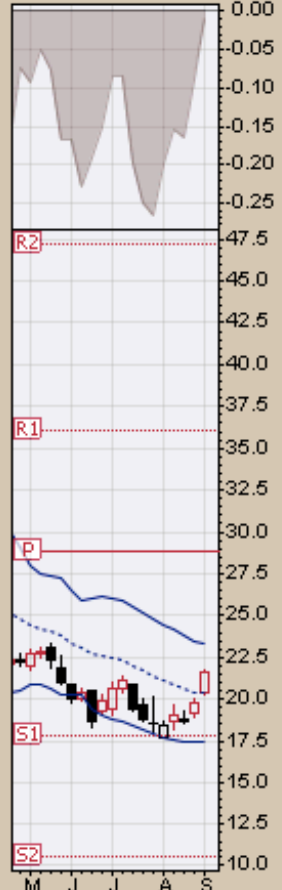
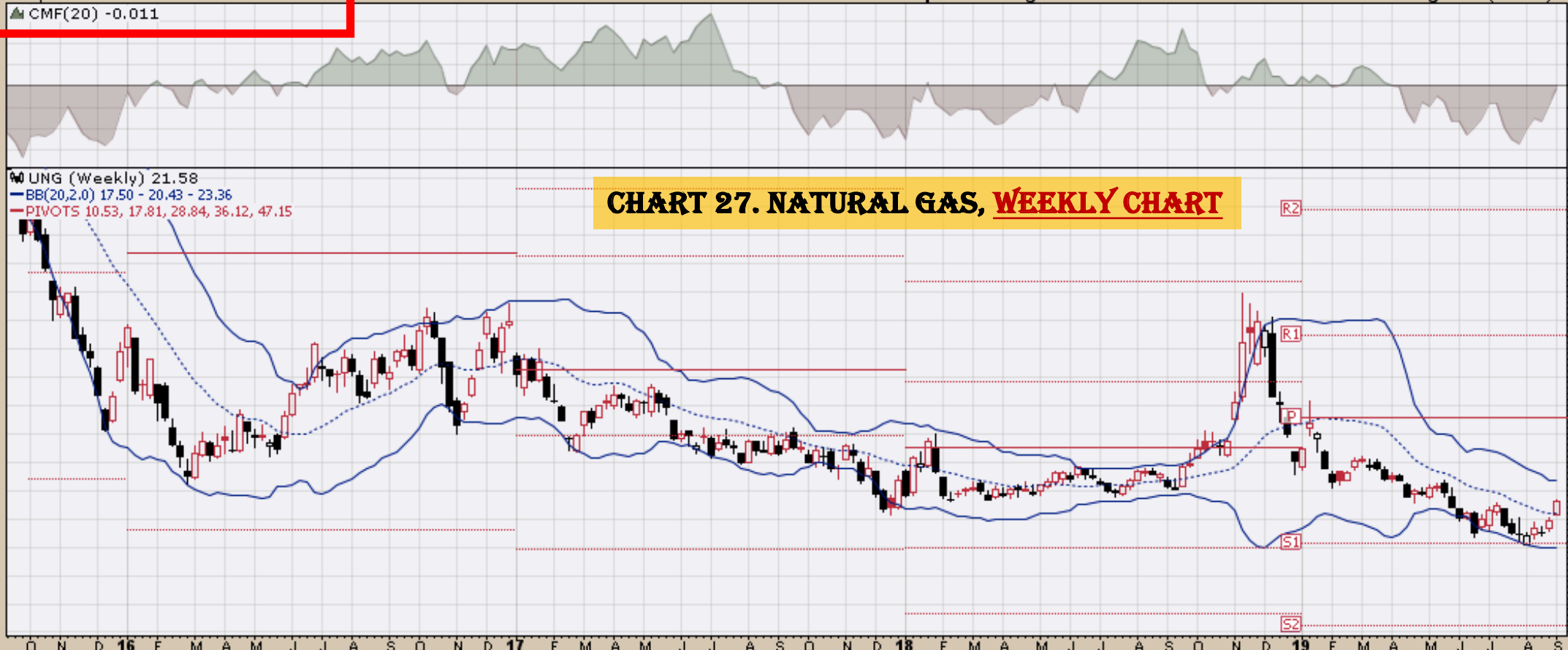






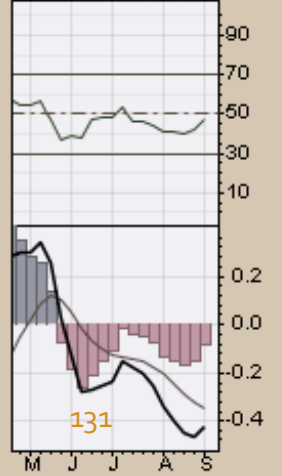
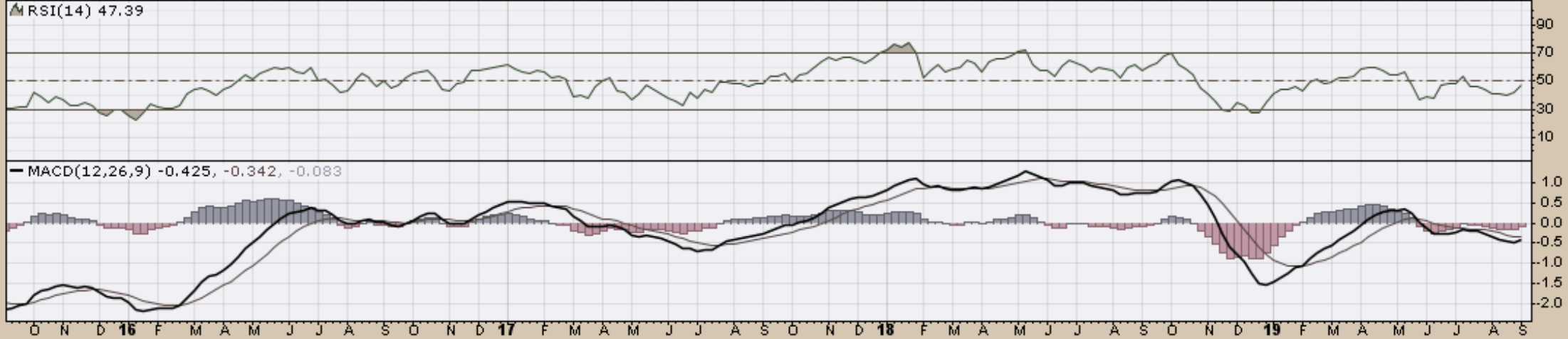
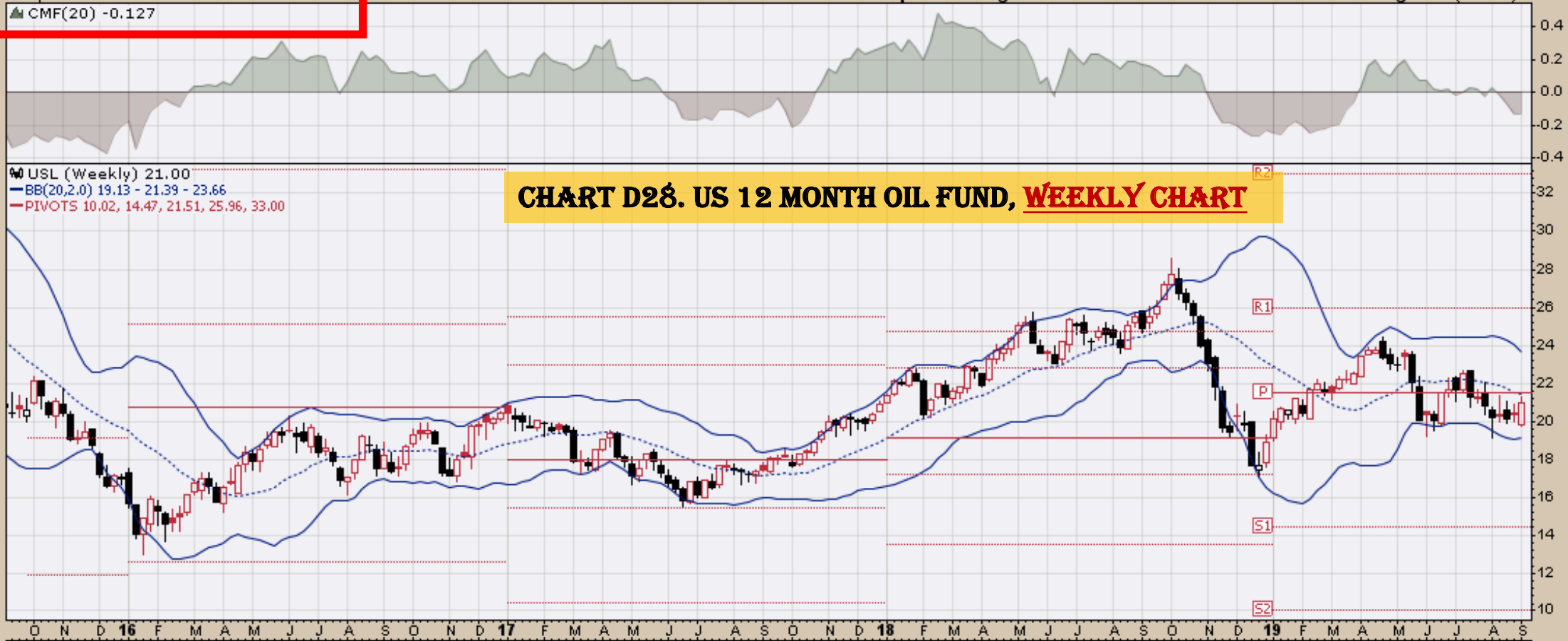
### CHART 27. NATURAL GAS, WEEKLY CHART

UNG (Weekly) 21.58  
BB(20,2,0) 17.50 - 20.43 - 23.36  
PIVOTS 10.53, 17.81, 28.84, 36.12, 47.15



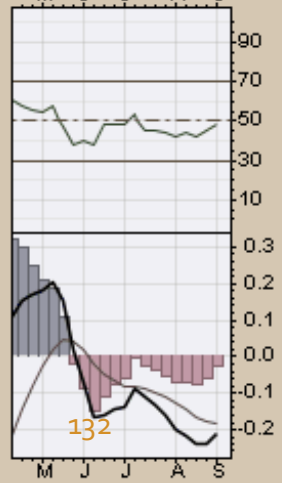
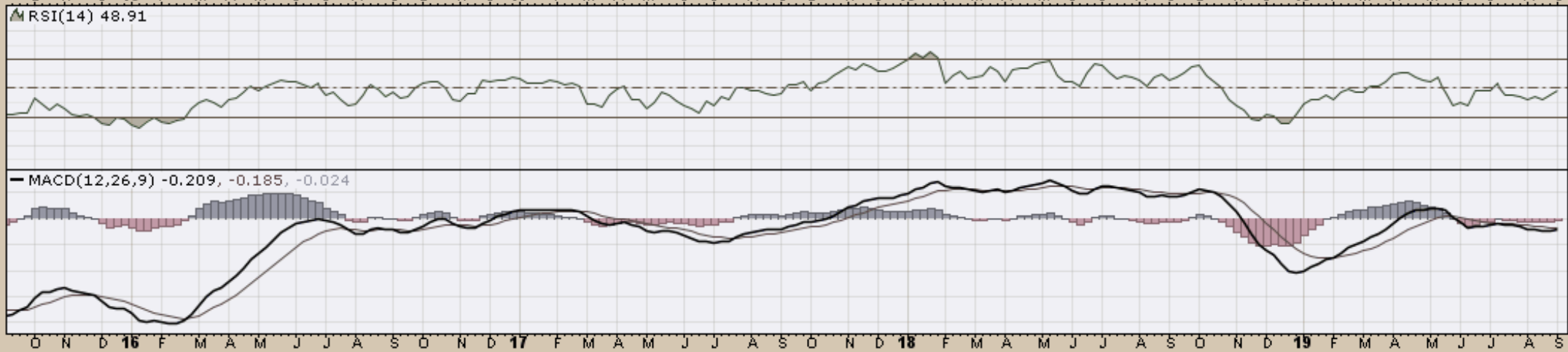
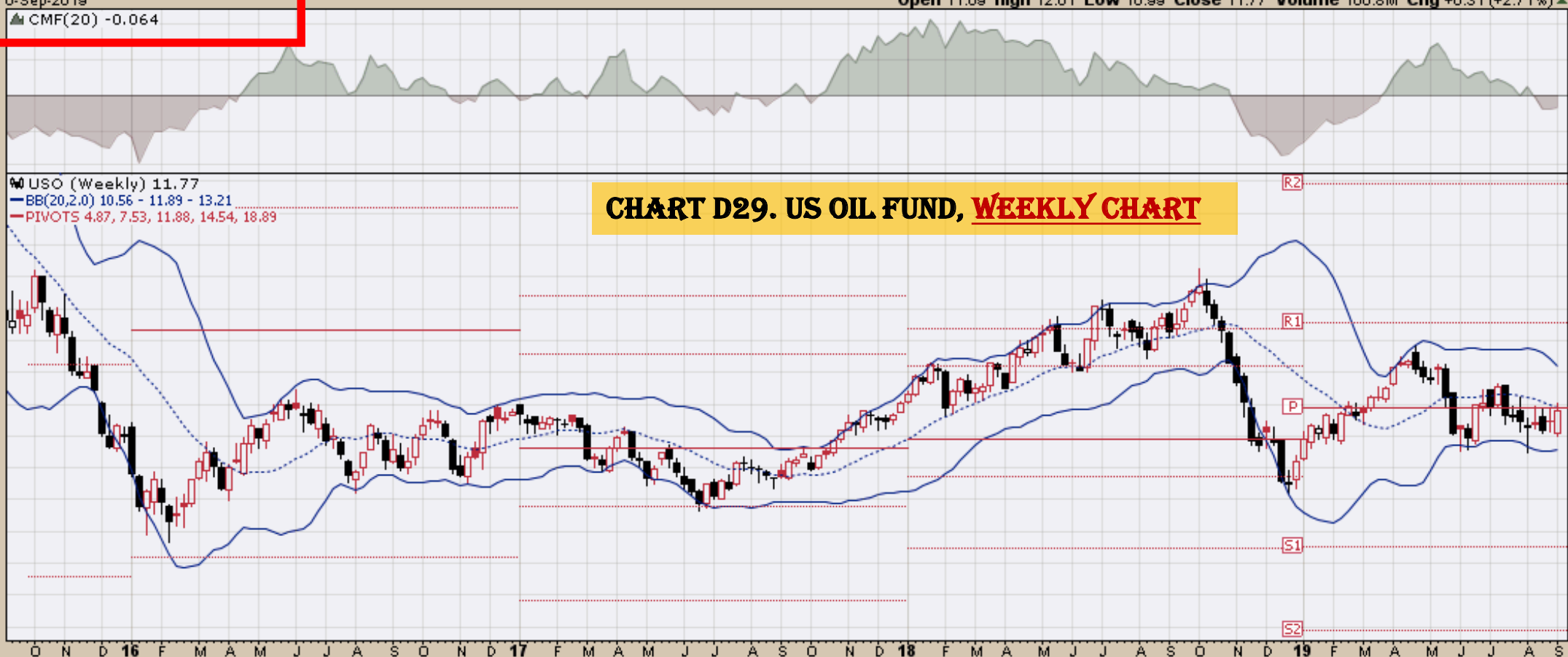
# CHART D28. US 12 MONTH OIL FUND, WEEKLY CHART

USL (Weekly) 21.00  
BB(20,2,0) 19.13 - 21.39 - 23.66  
PIVOTS 10.02, 14.47, 21.51, 25.96, 33.00



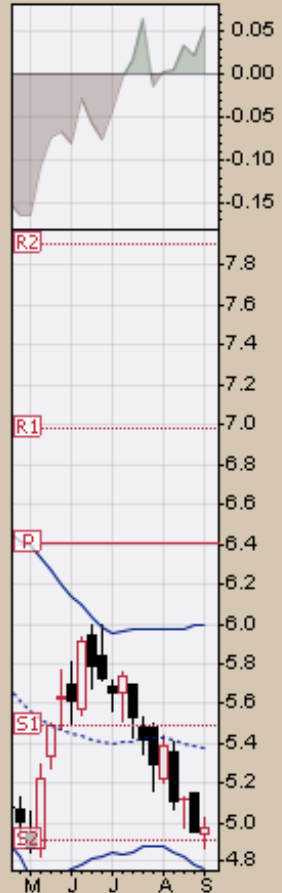
# CHART D29. US OIL FUND, WEEKLY CHART

USO (Weekly) 11.77  
BB(20,2,0) 10.56 - 11.89 - 13.21  
PIVOTS 4.87, 7.53, 11.88, 14.54, 18.89

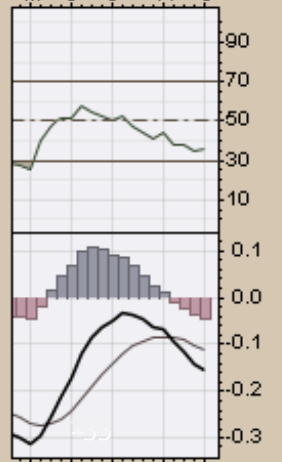
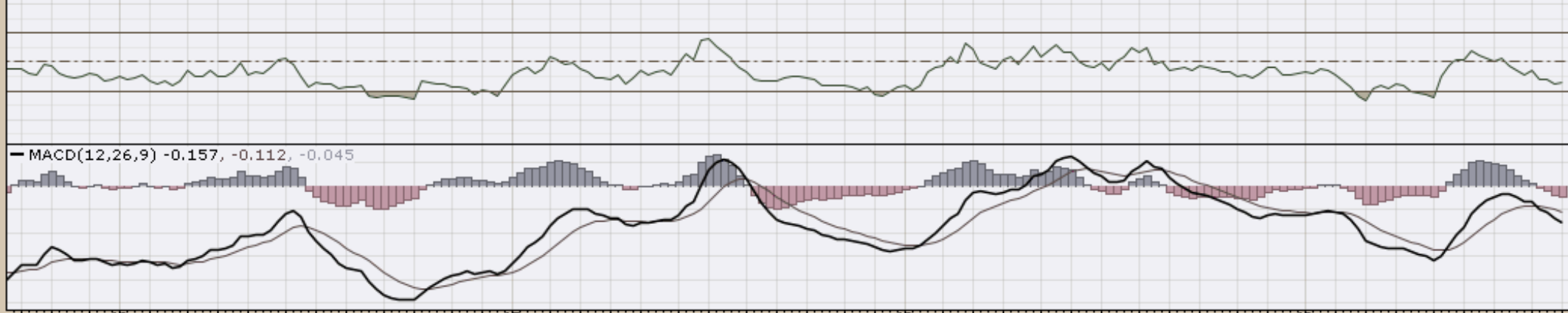


# CHART D30. WHEAT, WEEKLY CHART

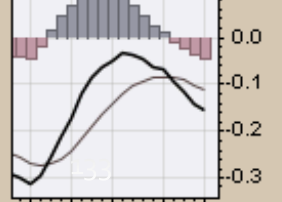
WEAT (Weekly) 4.98  
BB(20,2.0) 4.76 - 5.38 - 6.00  
PIVOTS 4.92, 5.49, 6.41, 6.98, 7.90



▲ RSI(14) 35.85



MACD(12,26,9) -0.157, -0.112, -0.045



*End*