

***Market Outlook Considerations  
Chart Book, Week Beginning  
June 24, 2019***

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University of Arkansas System  
Division of Agriculture  
Cooperative Extension Service**

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# Chart Book Index - \$CRB, \$WTIC, Soybeans, Corn, Rice, Cotton, Wheat

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## Commodity ETFs Book Index

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

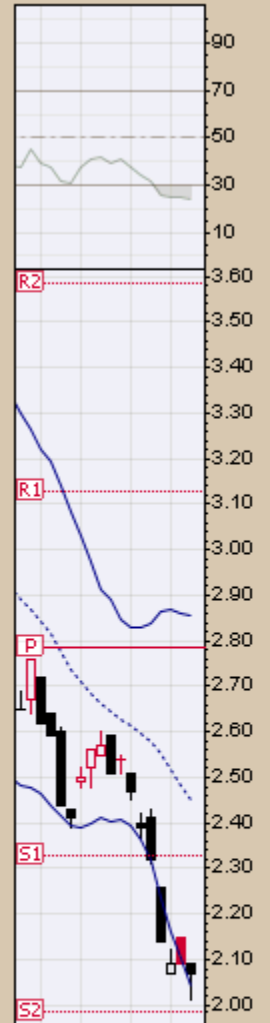
21-Jun-2019

Open 2.09 High 2.09 Low 2.01 Close 2.07 Chg -0.02 (-0.96%) ▼

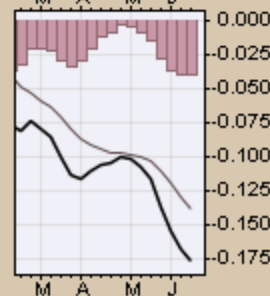
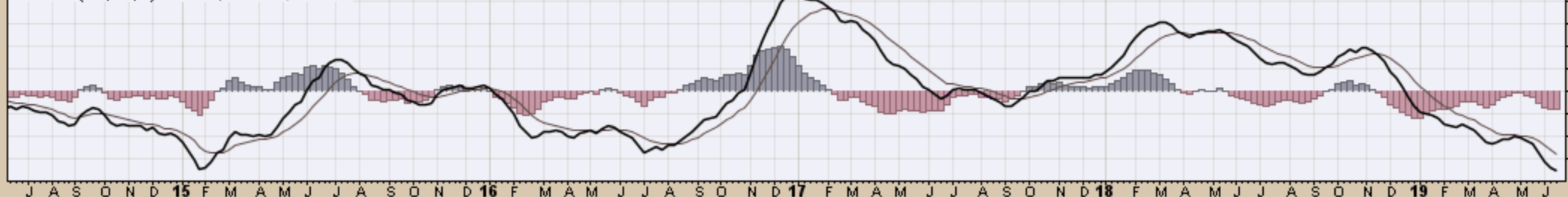
▲ RSI(14) 24.38

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

▲ \$UST10Y (Weekly) 2.07  
— BB(20,2.0) 2.04 - 2.45 - 2.86  
— PIVOTS 1.98, 2.33, 2.78, 3.13, 3.58  
■ Volume undef

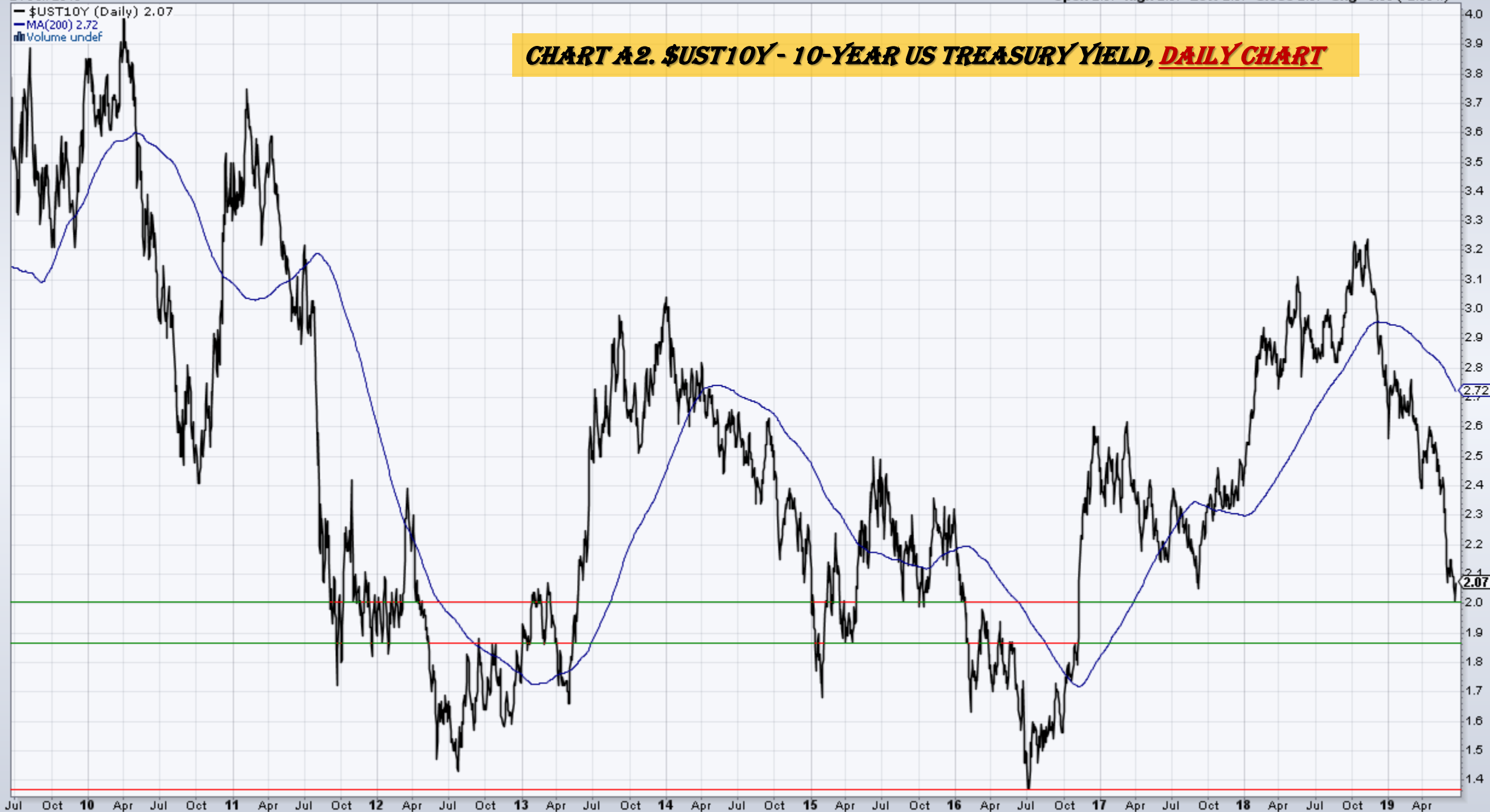


— MACD(12,26,9) -0.177, -0.138, -0.039



— \$UST10Y (Daily) 2.07  
— MA(200) 2.72  
■ Volume undef

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



21-Jun-2019

Open 2.07 High 2.15 Low 2.01 Close 2.07 Chg -0.07 (-3.27%) ▼

▲ RSI(14) 38.27

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

▲ \$UST10Y (Monthly) 2.07

■ BB(20,2.0) 2.12 - 2.70 - 3.27

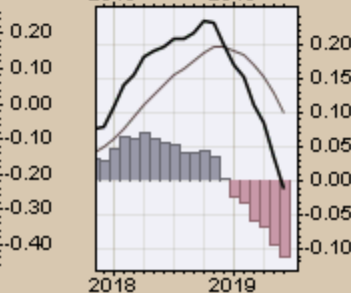
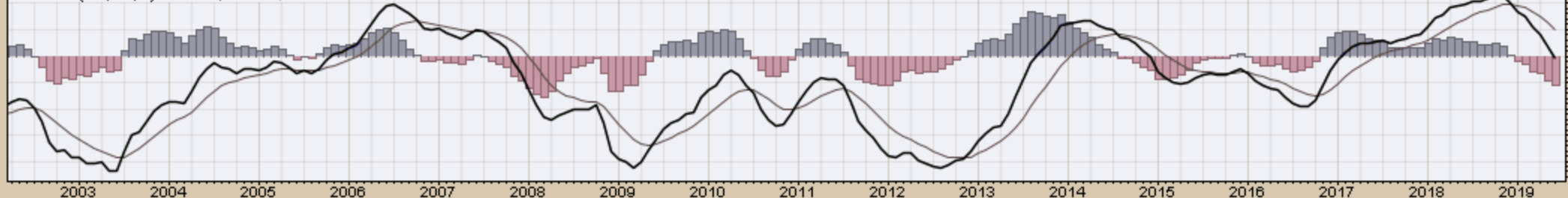
■ PIVOTS 1.99, 2.34, 2.79, 3.14, 3.59

■ CHANDLR(22,3.0) 2.52

■ Volume undef



■ MACD(12,26,9) -0.011, 0.101, -0.112



**\$UST10Y 10-Year US Treasury Yield (EOD) INDX**

21-Jun-2019

© StockCharts.com

Open 2.07 High 2.15 Low 2.01 Close 2.07 Chg -0.07 (-3.27%)

— \$UST10Y (Monthly) 2.07

— MA(200) 3.14



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

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

▲ RSI(14) 44.21

# CHART #5. U.S. DOLLAR INDEX, WEEKLY CHART

▲ \$USD (Weekly) 95.72

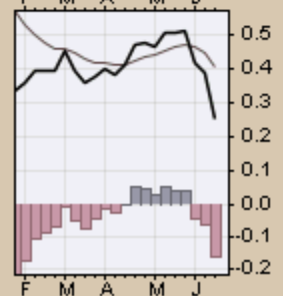
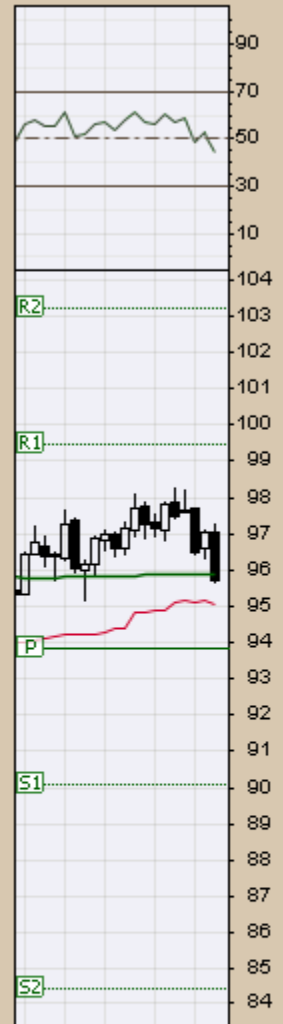
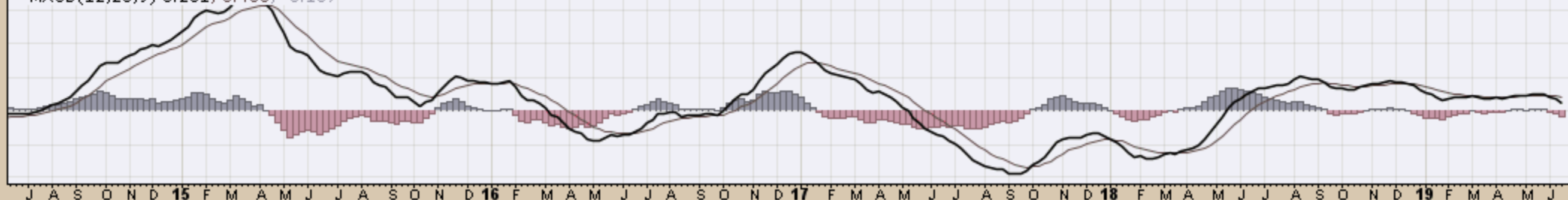
— MA(200) 95.86

— CHANLDR(22,3,0) 95.07

— PIVOTS 84.43, 90.09, 93.81, 99.47, 103.19



— MACD(12,26,9) 0.251, 0.408, -0.157



**\$USD** US Dollar Index - Cash Settle (EOD) ICE

21-Jun-2019

© StockCharts.com

Open 96.14 High 96.24 Low 95.64 Close 95.72 Chg -0.42 (-0.44%) ▼

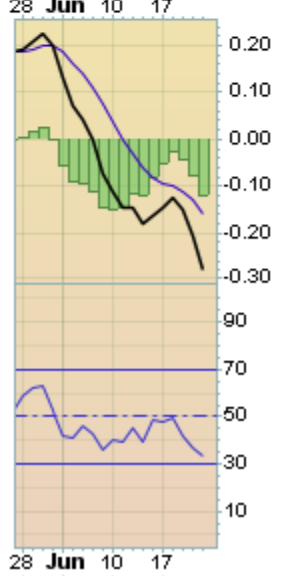
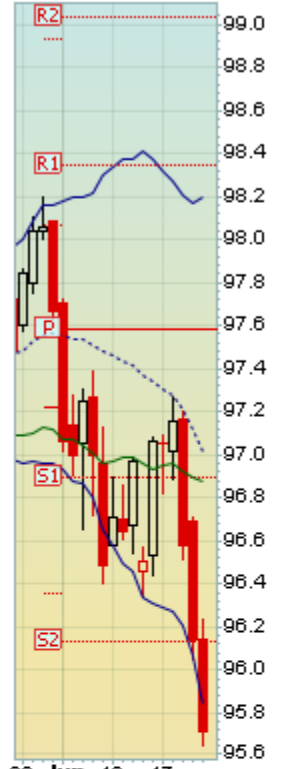
— US Dollar Index - Cash Settle (EOD) (Daily) 95.72



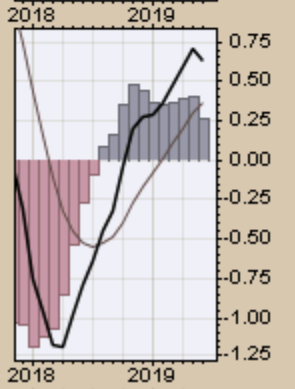
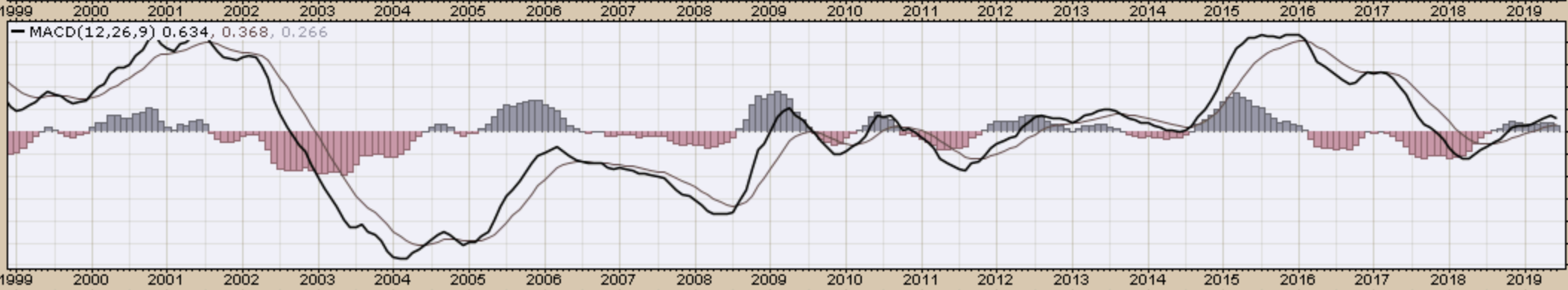
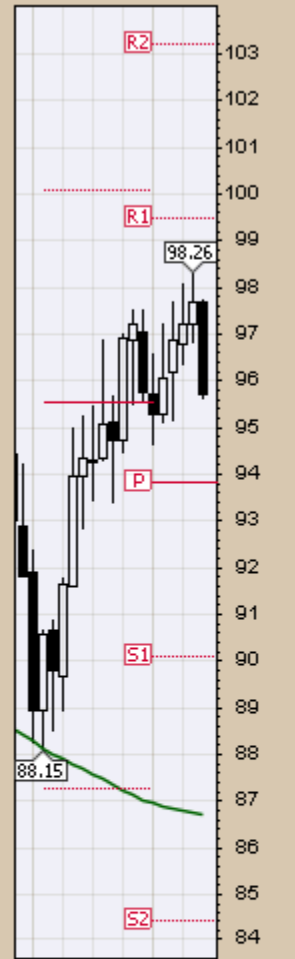


US Dollar Index - Cash Settle (EOD) (Daily) 95.72  
 BB(20,2,0) 95.84 - 97.02 - 98.20  
 PIVOTS 96.13, 96.90, 97.58, 98.35, 99.03  
 CHANDLR(22,3,0) 96.88  
 Volume undef

### CHART A6. US DOLLAR INDEX, DAILY CHART



# CHART A7. US DOLLAR INDEX, MONTHLY CHART



— \$USD (Monthly) 95.72  
— MA(200) 86.70  
— CHANDLR(22,3,0) 90.35

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



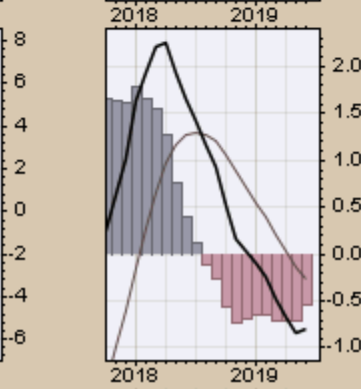
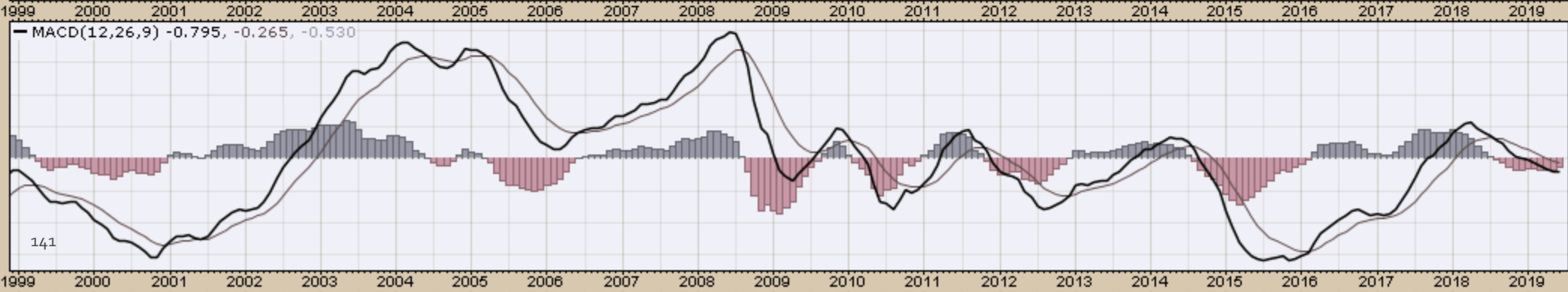
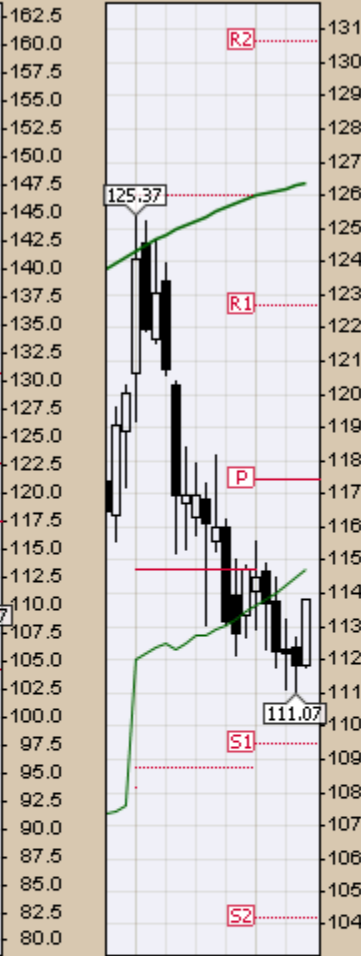
*Select Currency Charts*  
*Monthly Charts*

\$XEU (Monthly) 113.81

MA(200) 126.36

PIVOTS 104.20, 109.46, 117.41, 122.67, 130.62

CHANDLR(22,3,0) 114.73

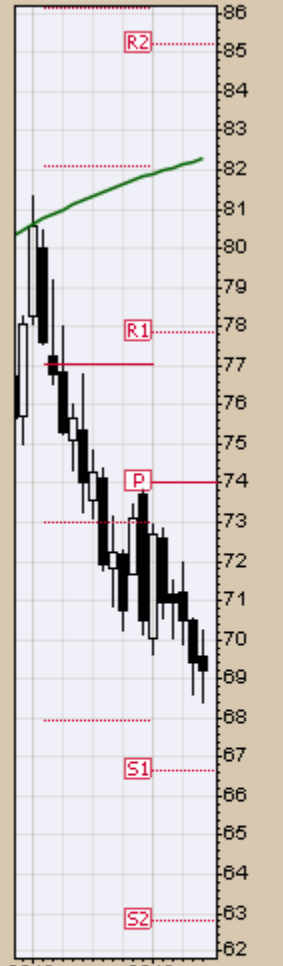


21-Jun-2019

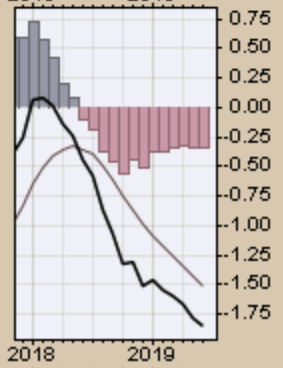
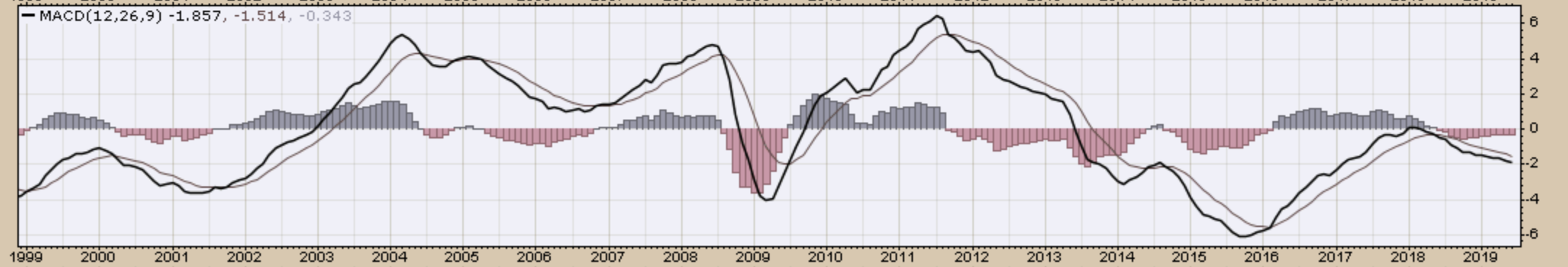
Open 69.56 High 70.22 Low 68.41 Close 69.24 Chg -0.15 (-0.22%)

\$XAD (Monthly) 69.24  
MA(200) 82.30  
PIVOTS 62.80, 66.64, 74.00, 77.84, 85.20

# CHART A 10. AUSTRALIAN DOLLAR, MONTHLY CHART



MACD(12,26,9) -1.857, -1.514, -0.343



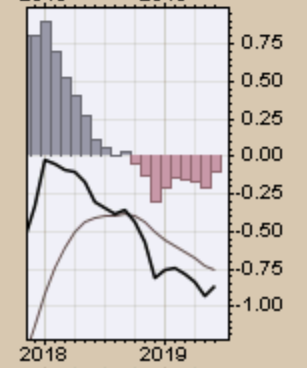
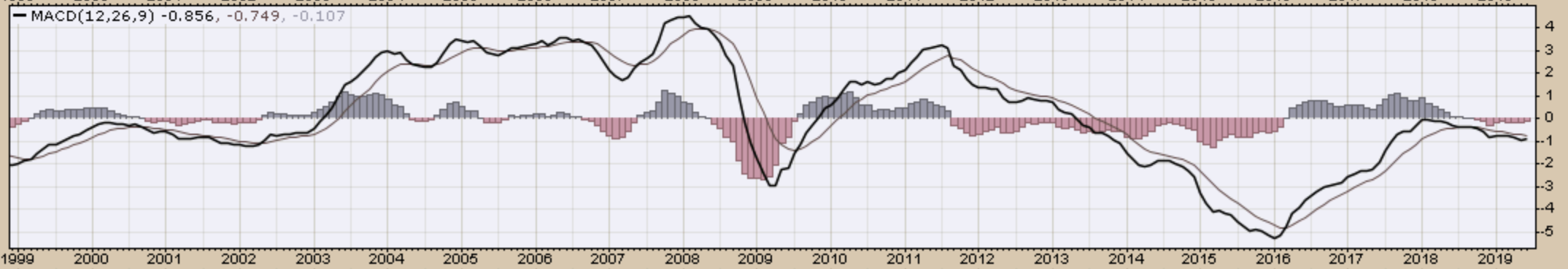
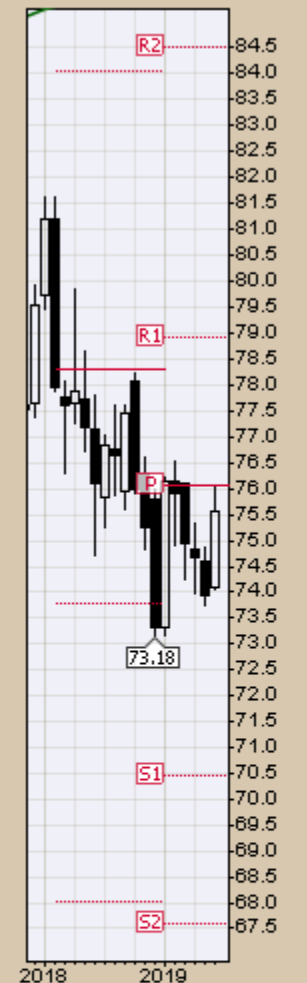
\$CDW (Monthly) 75.57

MA(200) 86.27

PIVOTS 67.59, 70.46, 76.05, 78.91, 84.50



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

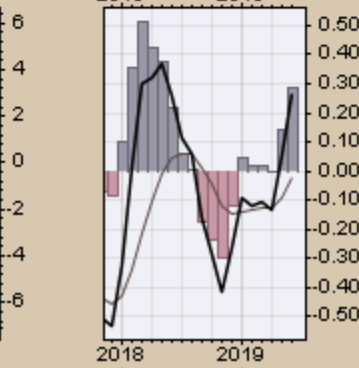
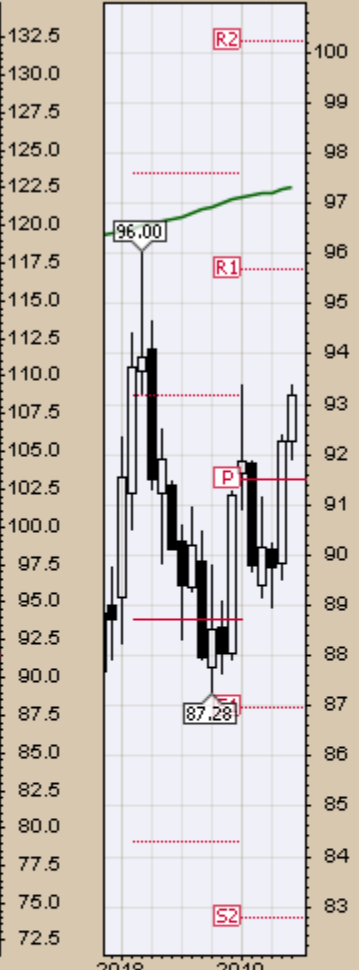


\$XJY (Monthly) 93.19

MA(200) 97.33

PIVOTS 82.77, 86.98, 91.49, 95.70, 100.21

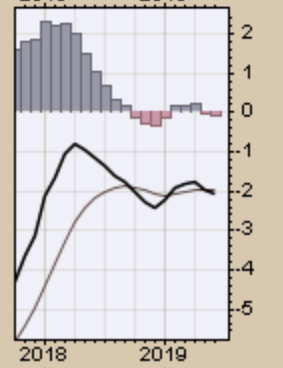
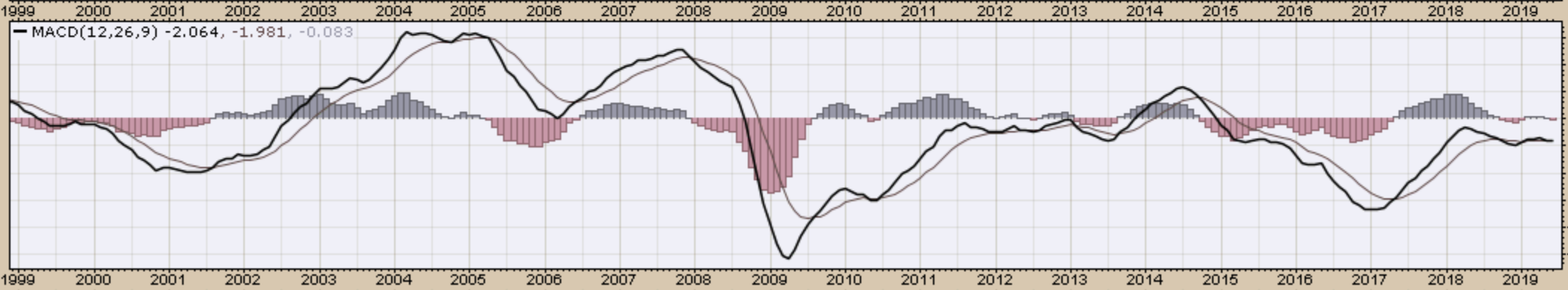
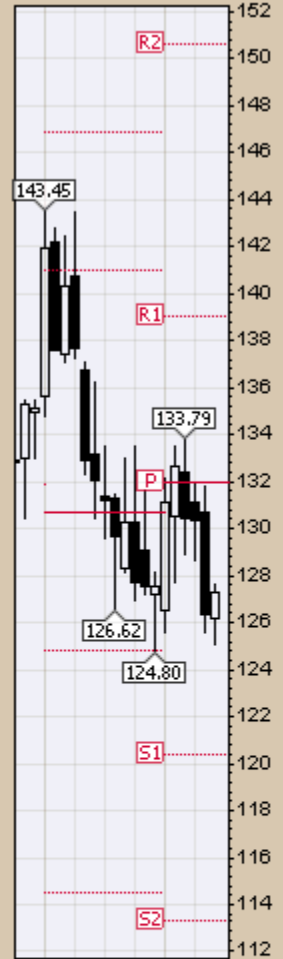
# CHART A12. JAPANESE YEN, MONTHLY CHART







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



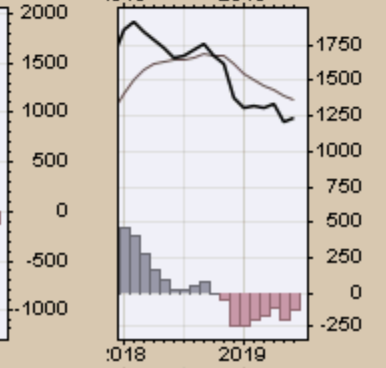
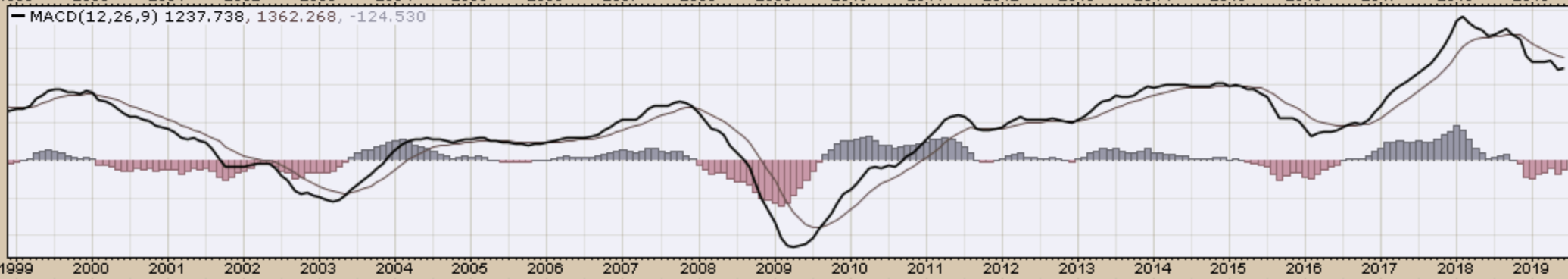
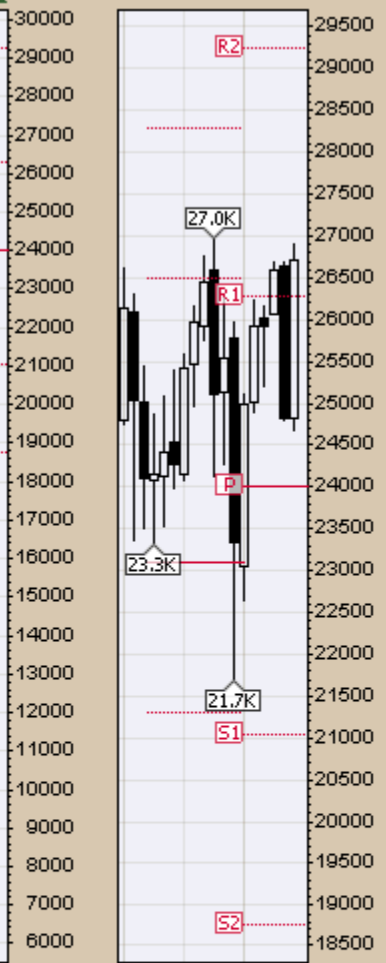
*Select Equity and Transportation Charts*  
*Monthly Charts*

\$INDU (Monthly) 26719.13

MA(200) 14345.61

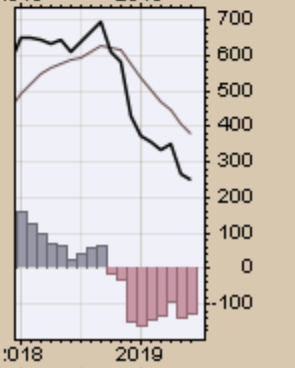
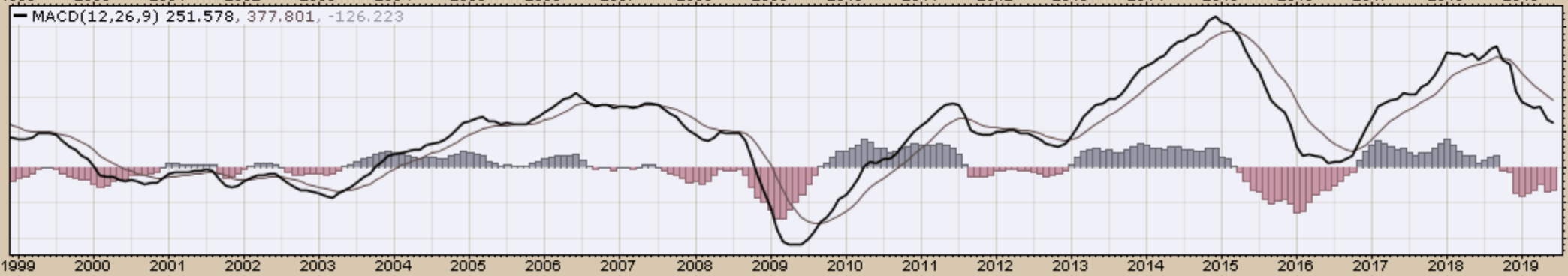
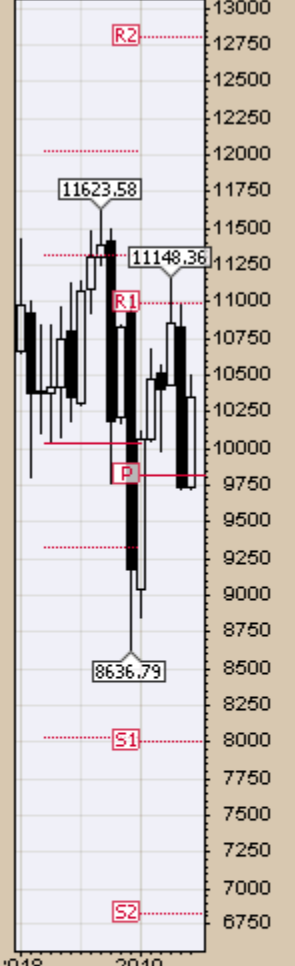
PIVOTS 18757.99, 21042.72, 23997.27, 26282.01, 29236.55

# CHART A 14. DOW JONES, MONTHLY CHART



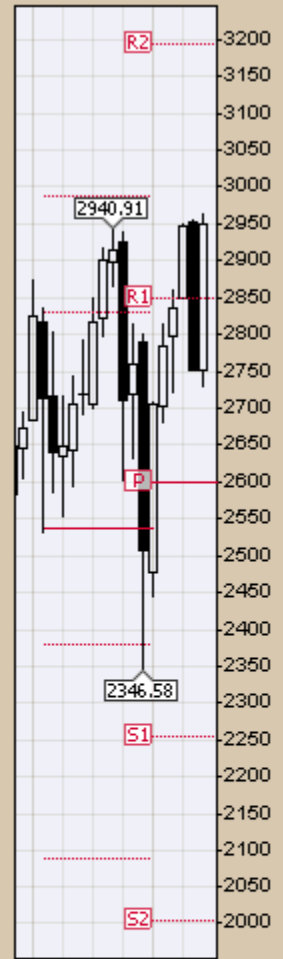
\$TRAN (Monthly) 10352.49  
 MA(200) 5886.52  
 PIVOTS 6823.47, 7996.93, 9810.26, 10983.72, 12797.05

**CHART A15. DOW TRANSPORTS, MONTHLY CHART**

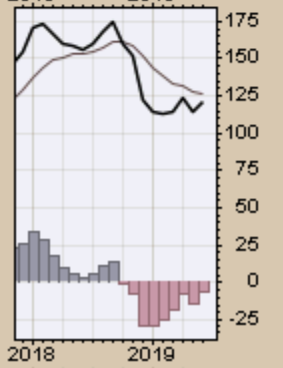
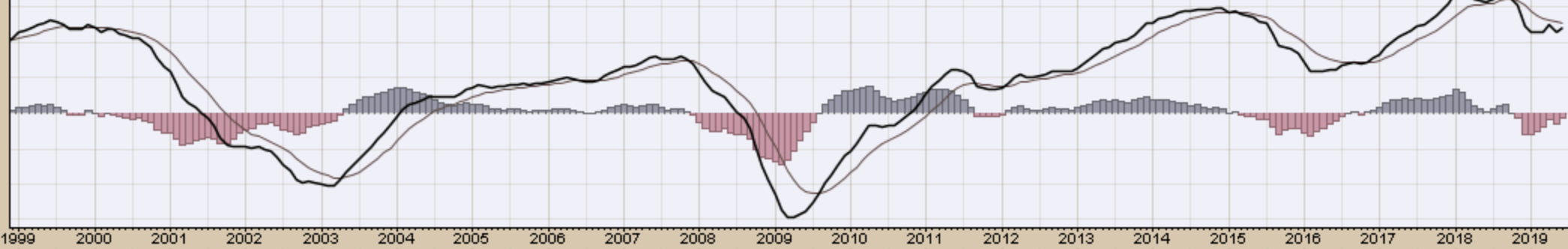


\$SPX (Monthly) 2950.46  
MA(200) 1595.48  
PIVOTS 2003.78, 2255.32, 2598.11, 2849.65, 3192.44

### CHART A16. S&P 500 LARGE CAP INDEX, MONTHLY CHART

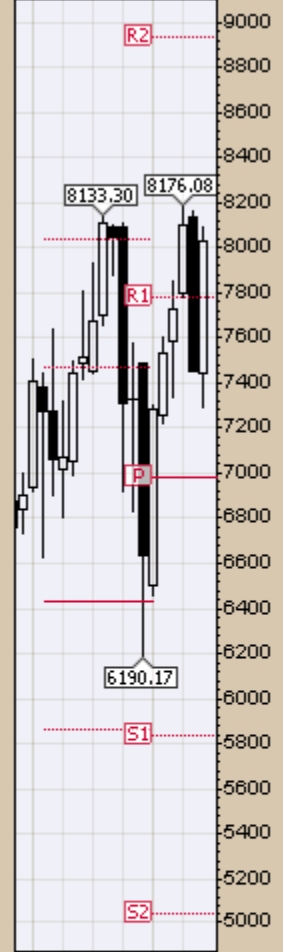


MACD(12,26,9) 120.481, 126.382, -5.901

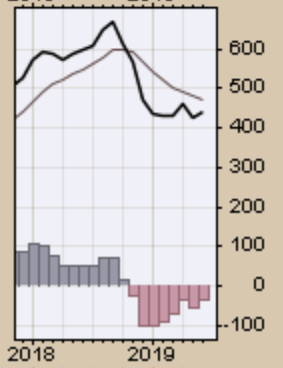
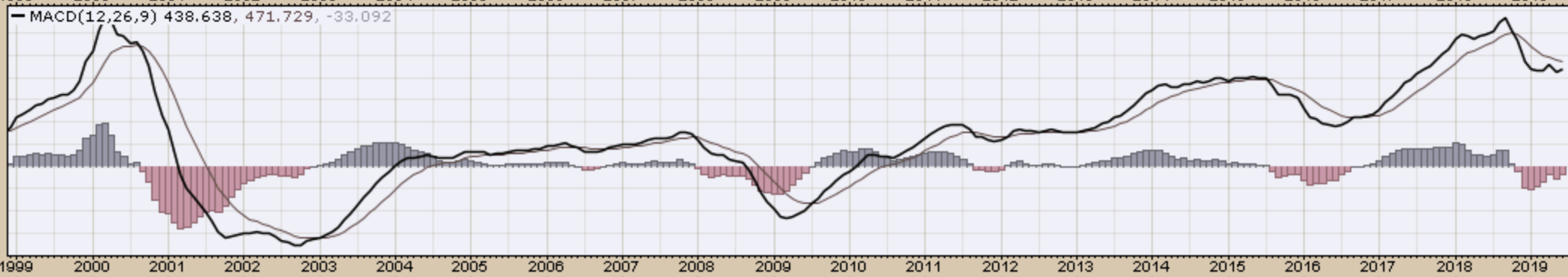


\$COMPQ (Monthly) 8031.71  
MA(200) 3501.48  
PIVOTS 5043.11, 5839.20, 6986.25, 7782.33, 8929.38

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

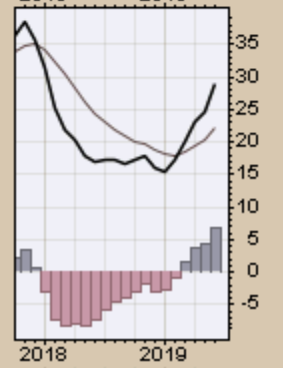
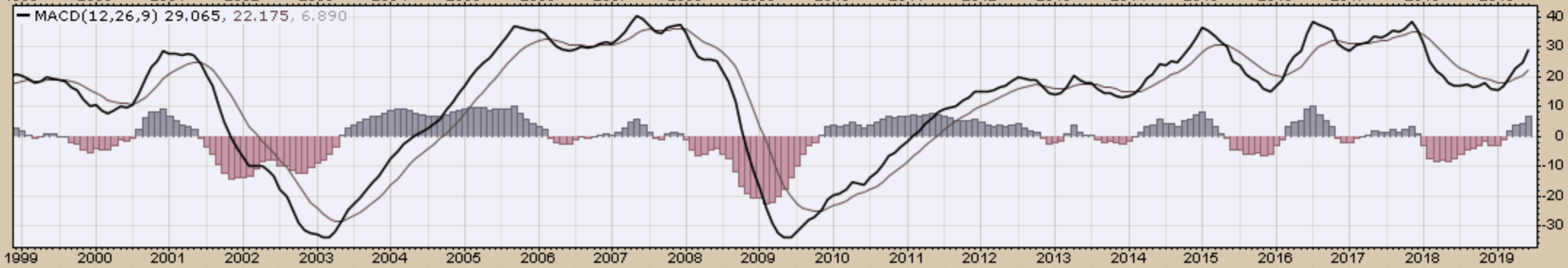
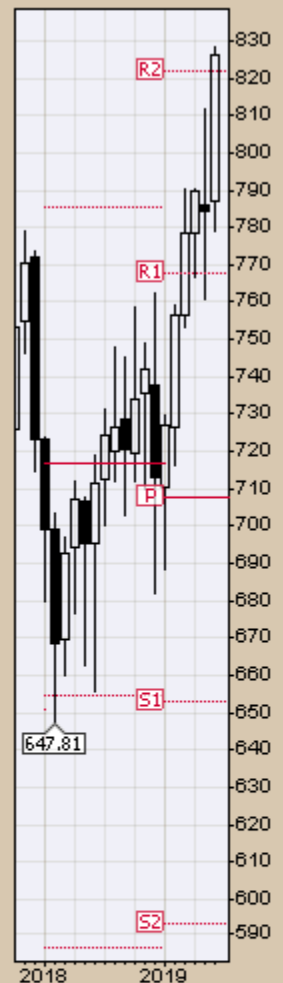


MACD(12,26,9) 438.638, 471.729, -33.092



\$UTIL (Monthly) 826.33  
MA(200) 485.77  
PIVOTS 593.22, 653.07, 707.67, 767.52, 822.12

# CHART A18. DOW UTILITIES, MONTHLY CHART

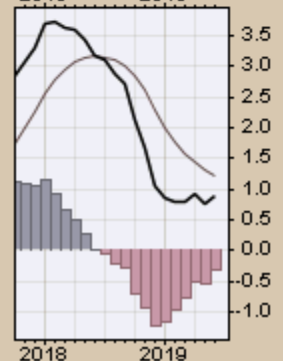
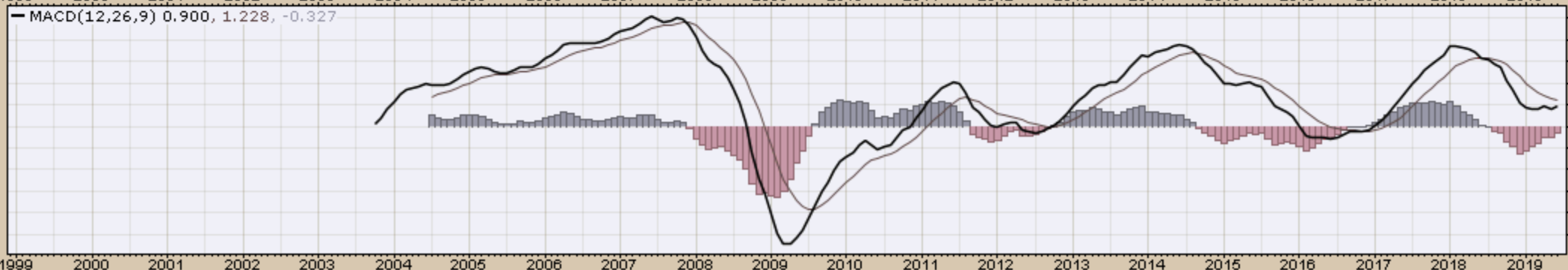
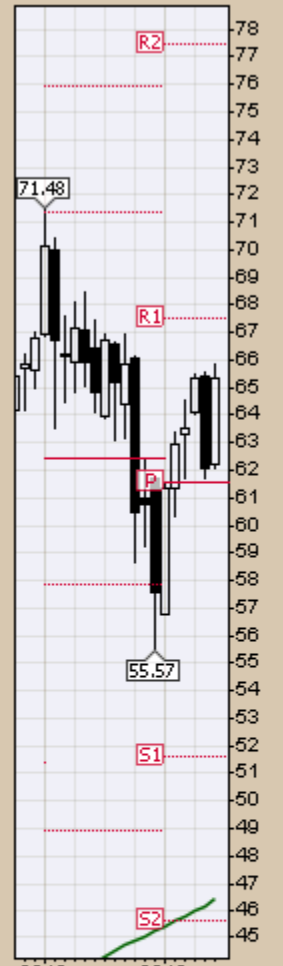
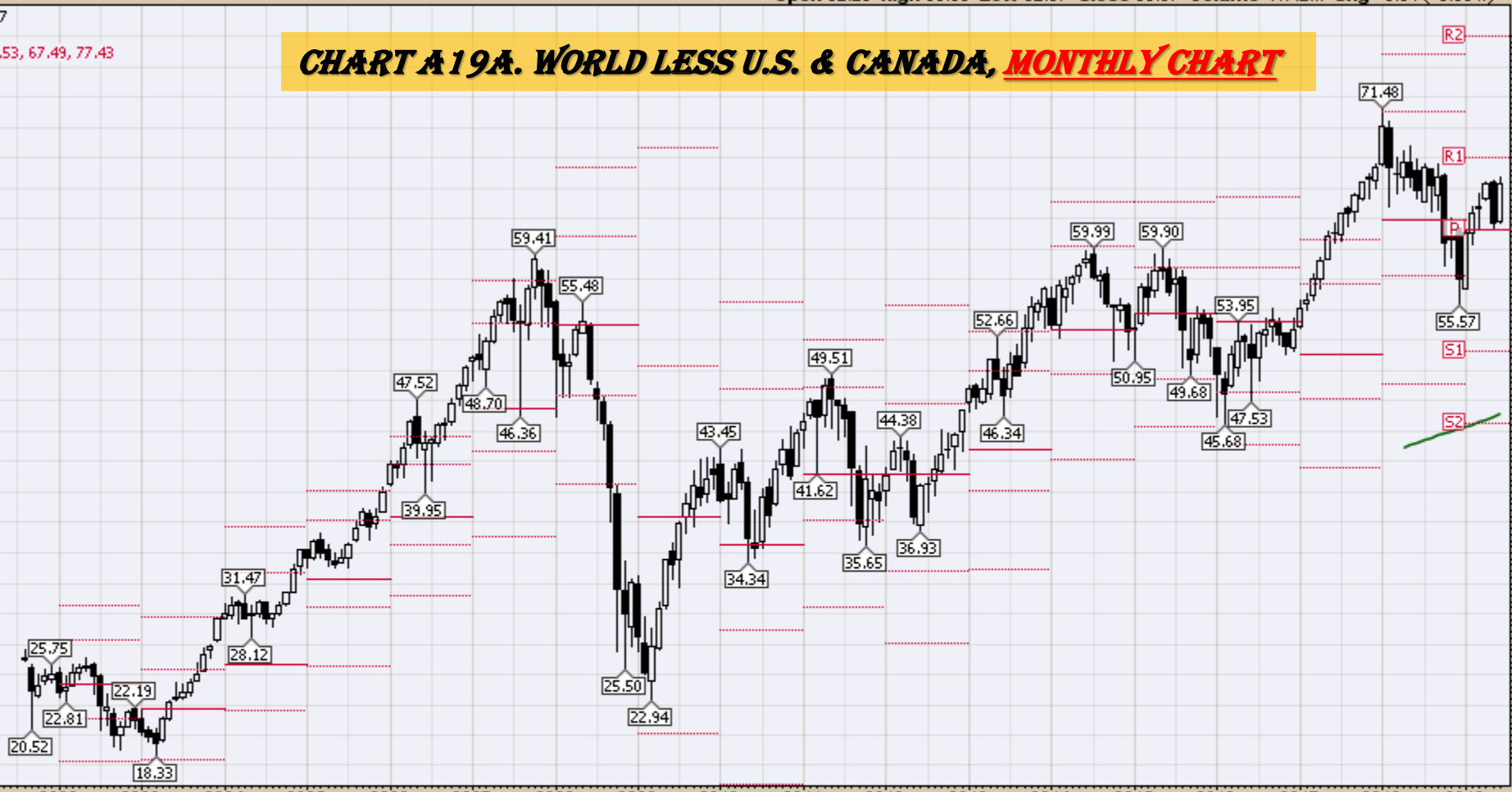


*Select Global Equity Charts*



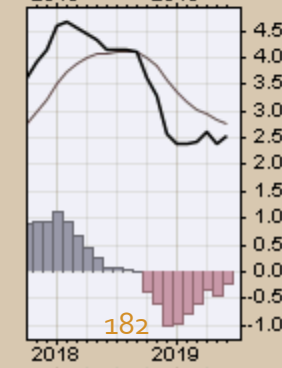
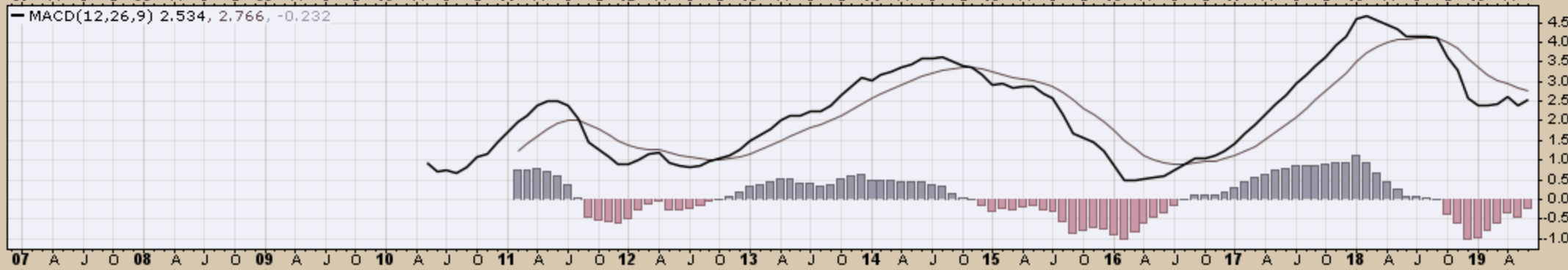
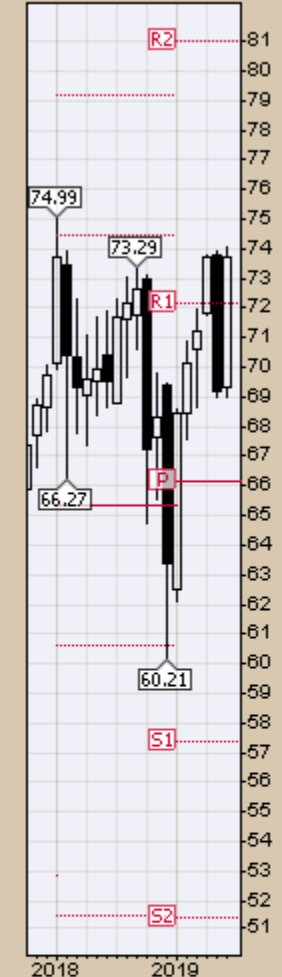
EFA (Monthly) 65.37  
MA(200) 46.42  
PIVOTS 45.62, 51.58, 61.53, 67.49, 77.43

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



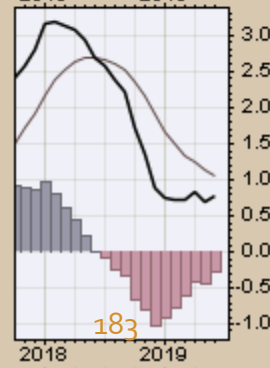
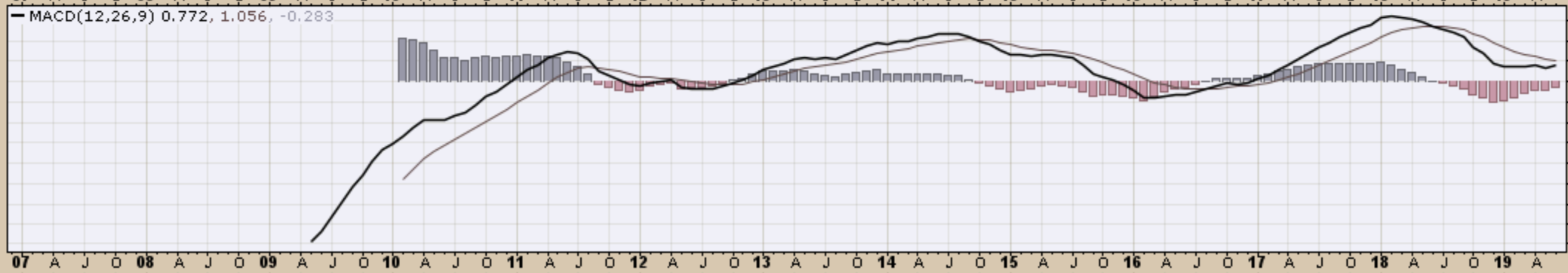
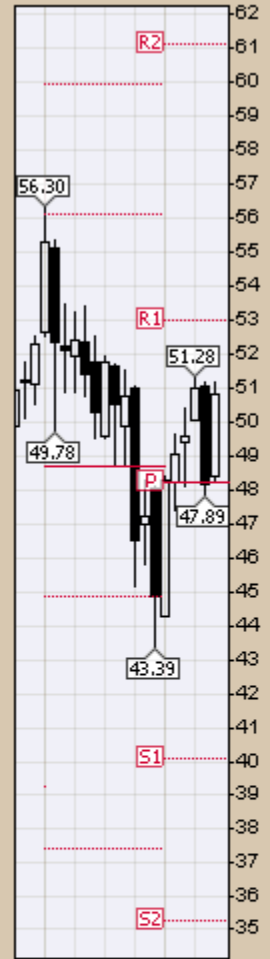
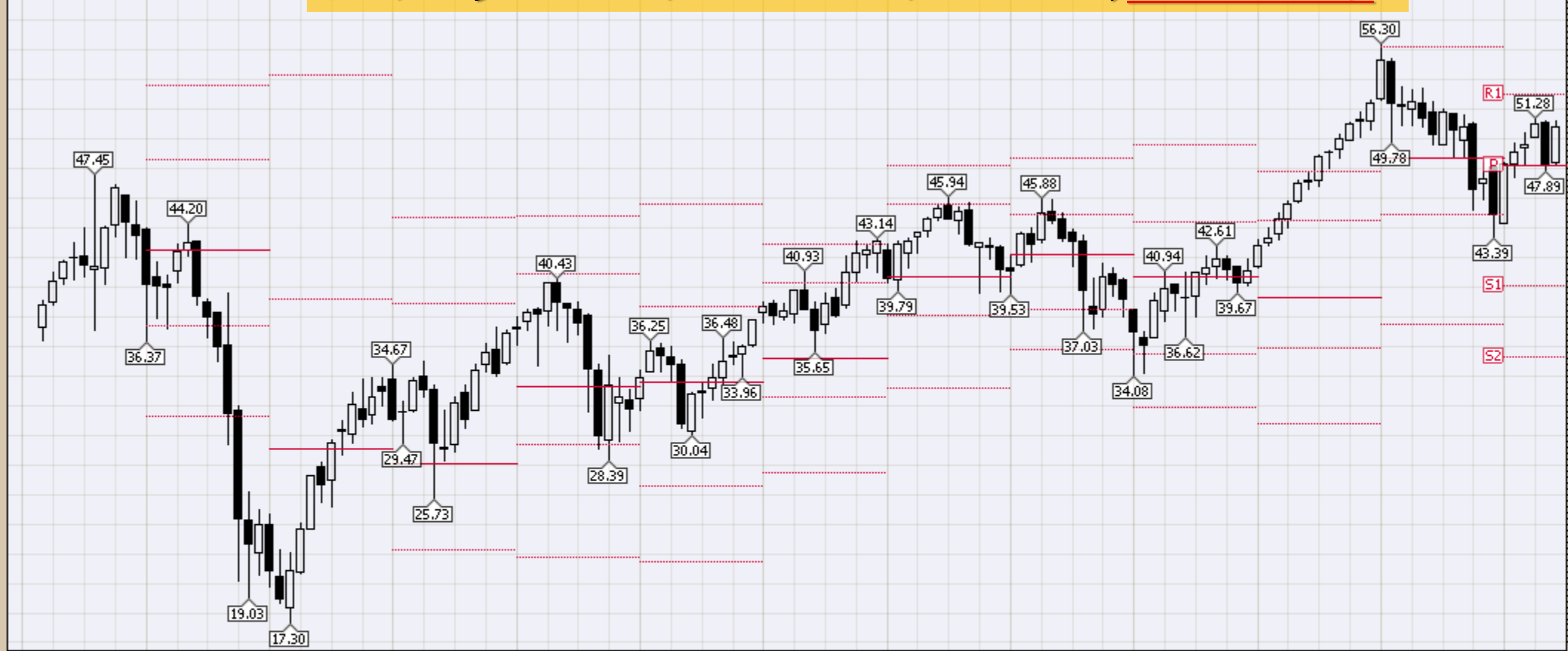
ACWI (Monthly) 73.74  
MA(200) undef  
PIVOTS 51.40, 57.38, 66.19, 72.17, 80.97

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



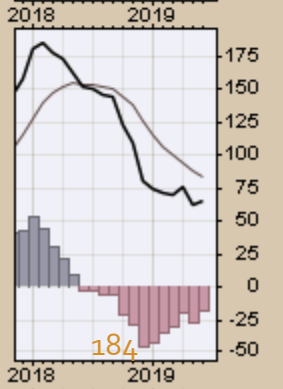
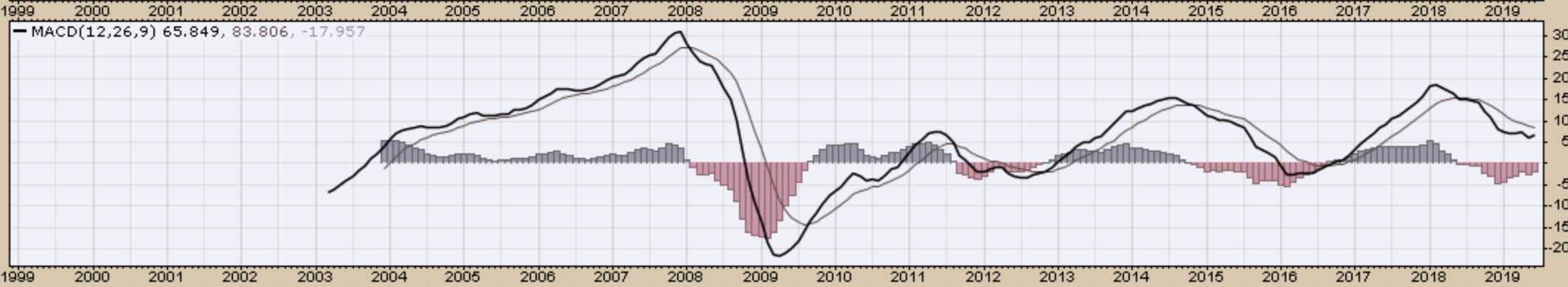
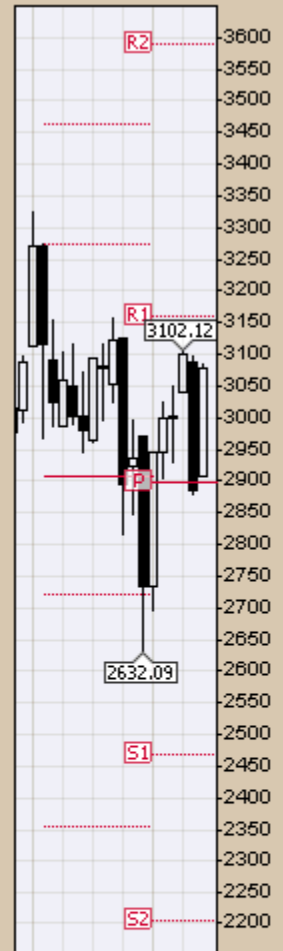
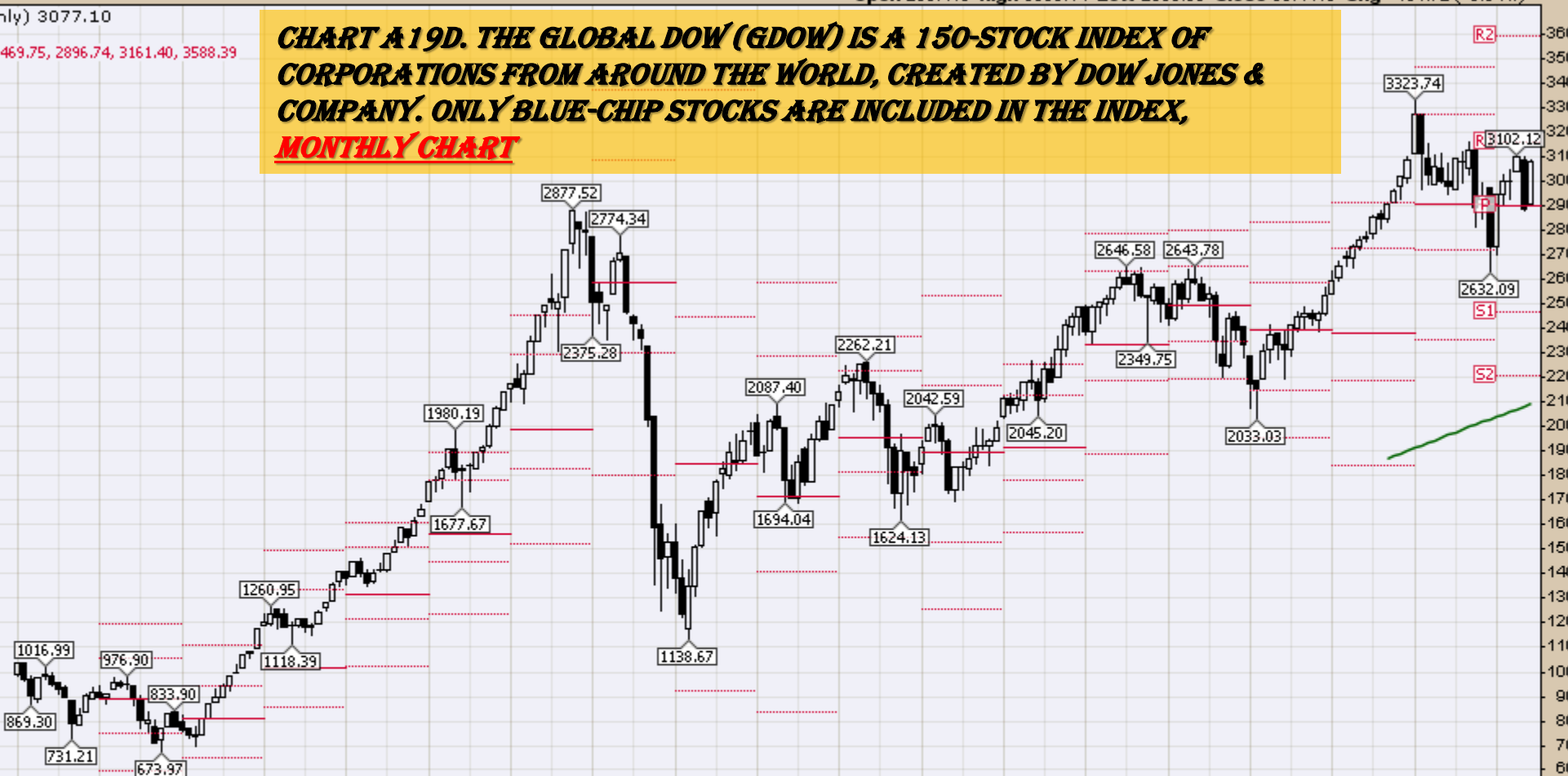
VEU (Monthly) 50.80  
MA(200) undef  
PIVOTS 35.28, 40.09, 48.19, 53.00, 61.11

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



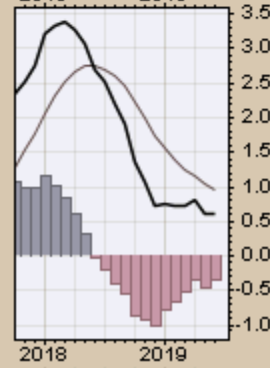
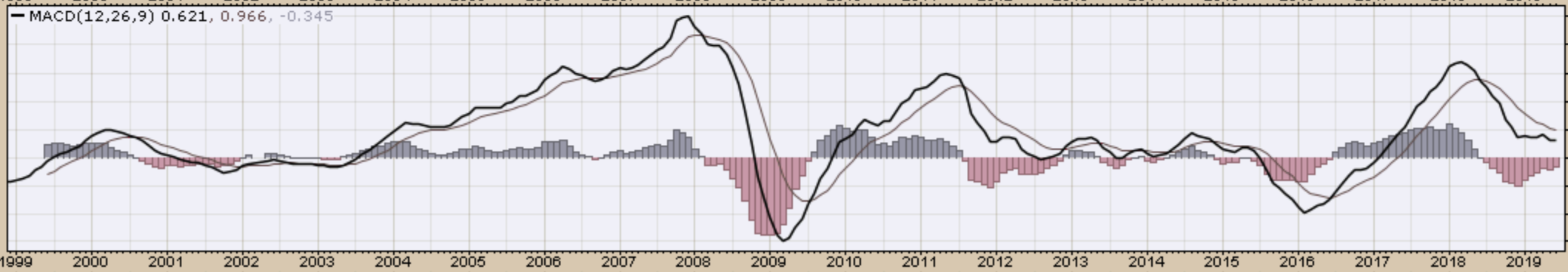
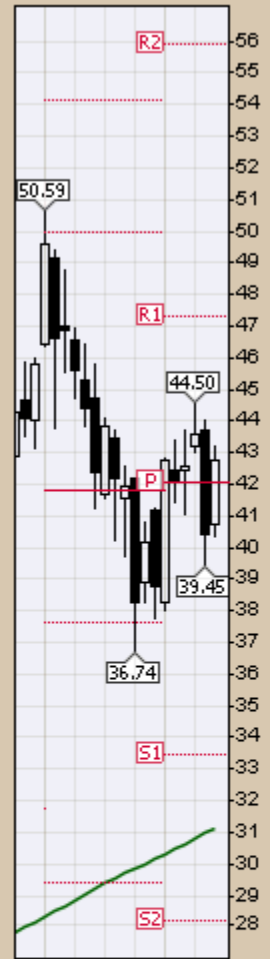
\$GDOW (Monthly) 3077.10  
MA(200) 2093.53  
PIVOTS 2205.09, 2469.75, 2896.74, 3161.40, 3588.39

**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**



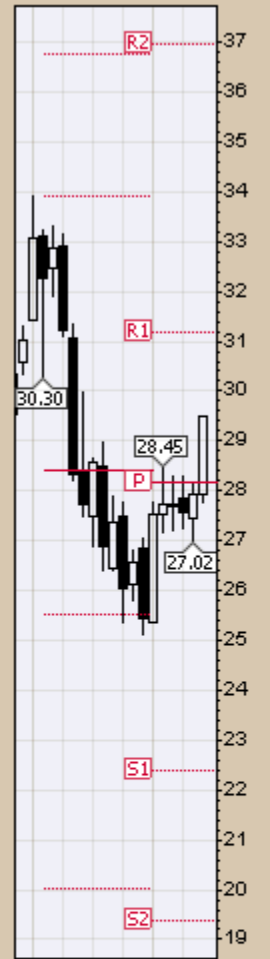
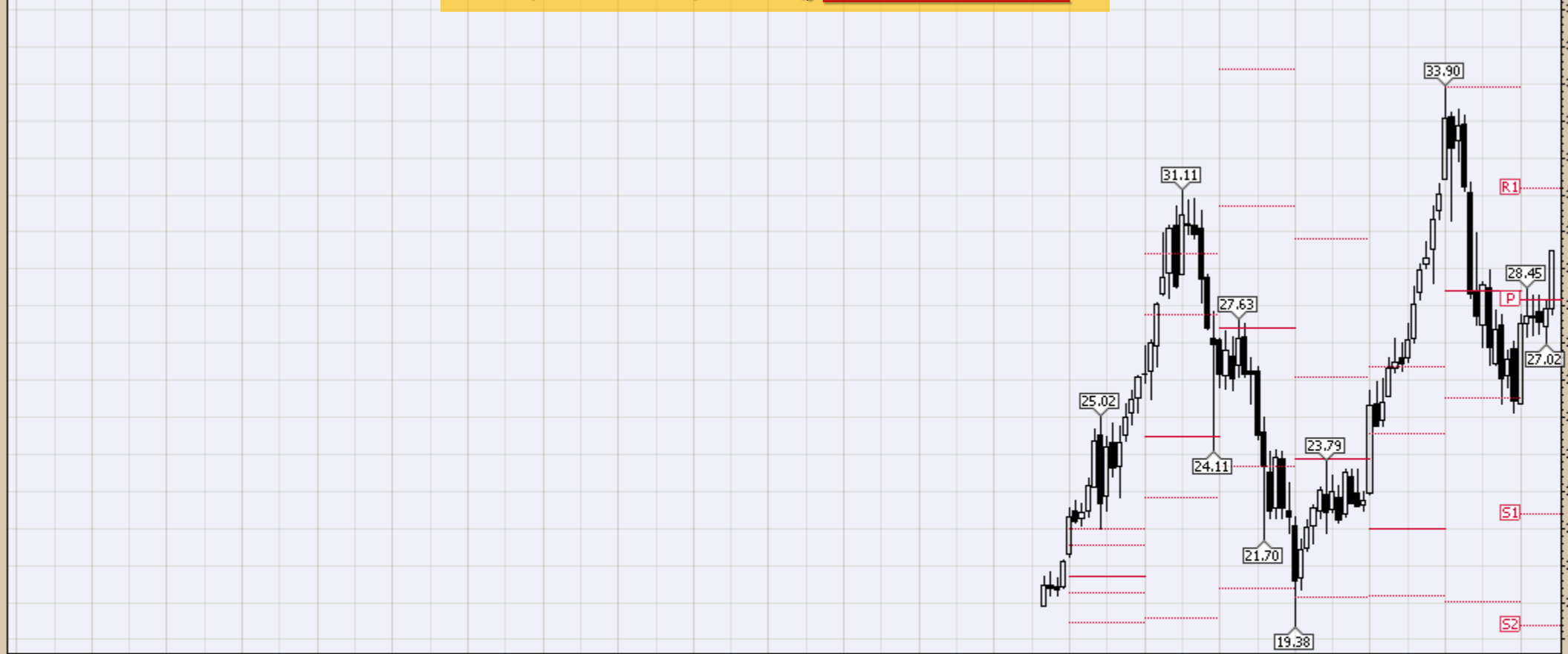
EEM (Monthly) 42.77  
MA(200) 31.14  
PIVOTS 28.18, 33.47, 42.03, 47.32, 55.88

### CHART A20A. EMERGING MARKETS, MONTHLY CHART



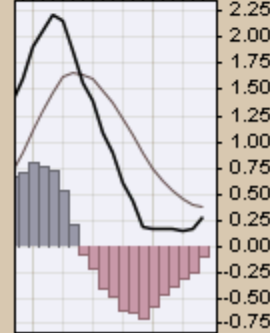
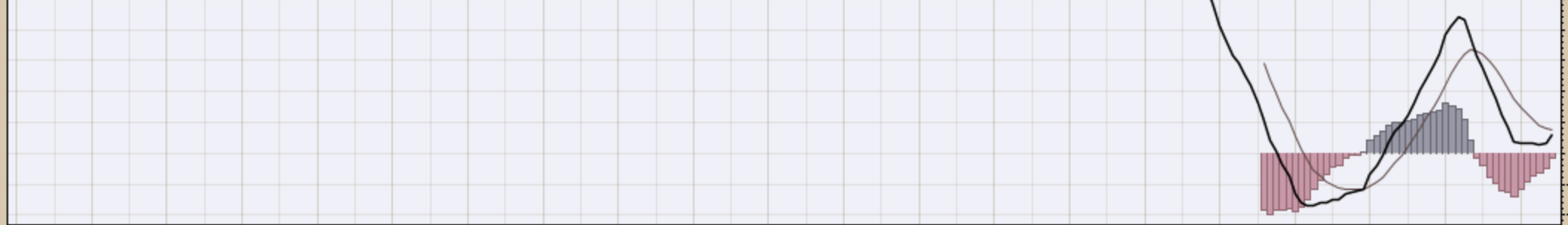
FM (Monthly) 29.48  
MA(200) undef  
PIVOTS 19.37, 22.41, 28.15, 31.20, 36.94

### CHART A20B. FRONTIER, MONTHLY CHART



1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

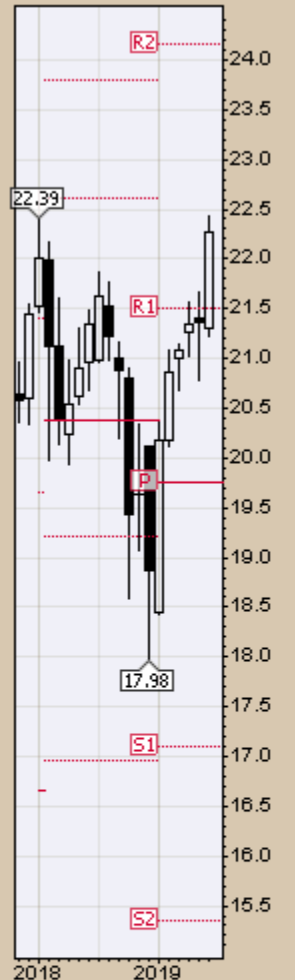
MACD(12,26,9) 0.297, 0.381, -0.084



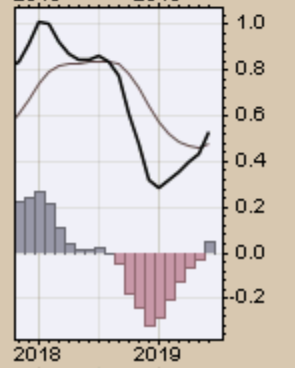
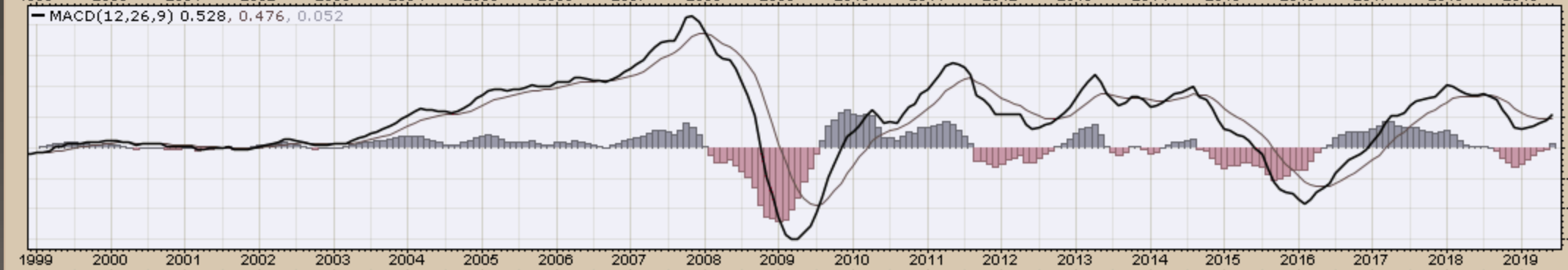
1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

EWA (Monthly) 22.27  
MA(200) 14.69  
PIVOTS 15.34, 17.10, 19.75, 21.51, 24.15

### CHART A21. AUSTRALIA, MONTHLY CHART

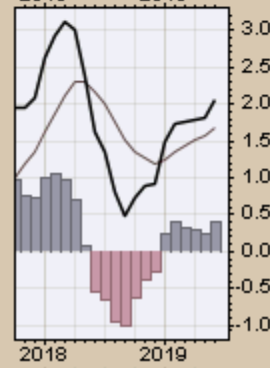
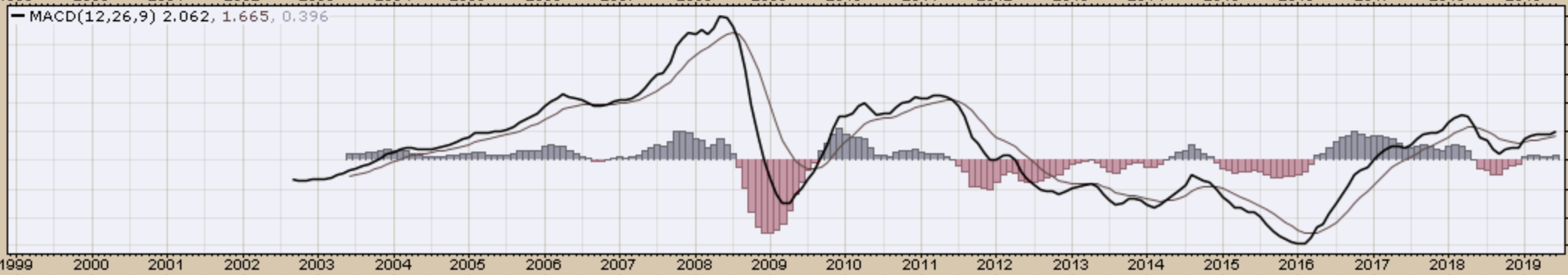
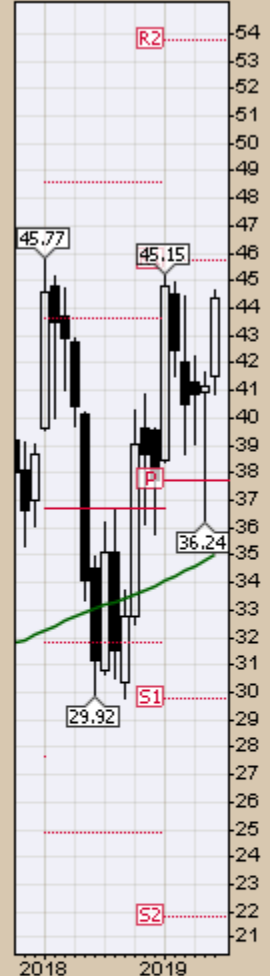
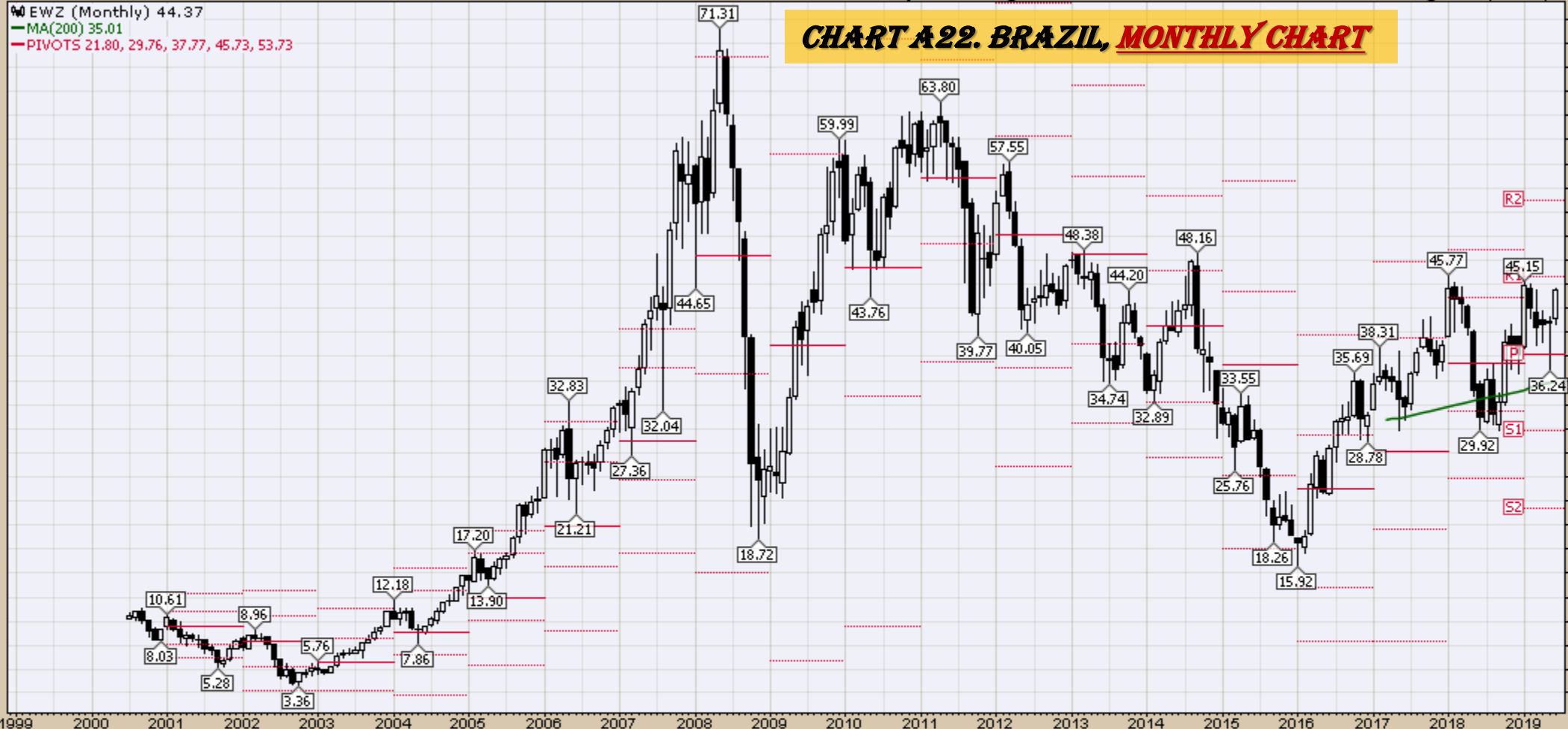


MACD(12,26,9) 0.528, 0.476, 0.052



EWZ (Monthly) 44.37  
MA(200) 35.01  
PIVOTS 21.80, 29.76, 37.77, 45.73, 53.73

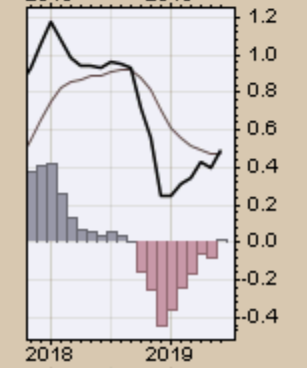
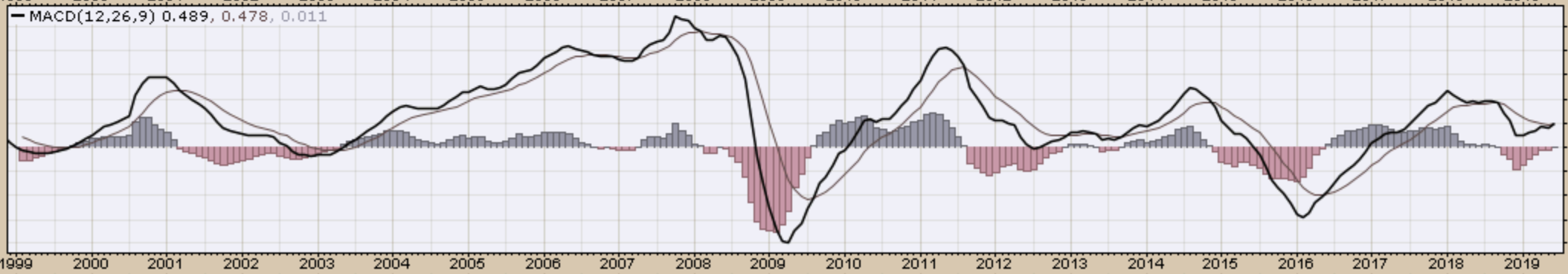
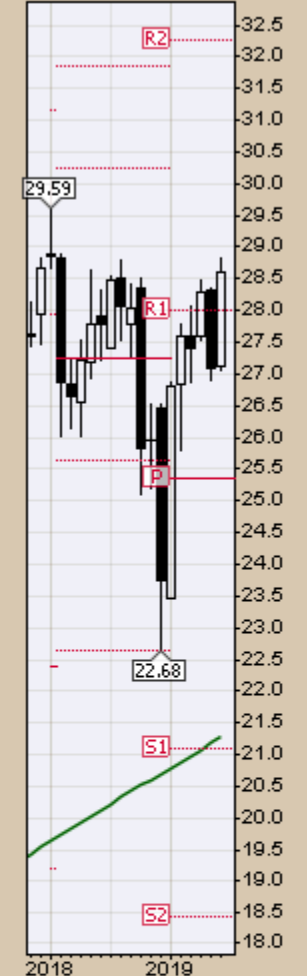
### CHART A22. BRAZIL, MONTHLY CHART





EWC (Monthly) 28.59  
MA(200) 21.29  
PIVOTS 18.43, 21.09, 25.34, 28.00, 32.25

# CHART #23. CANADA, MONTHLY CHART

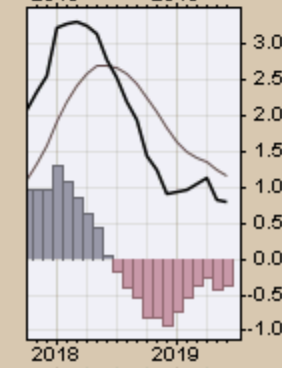
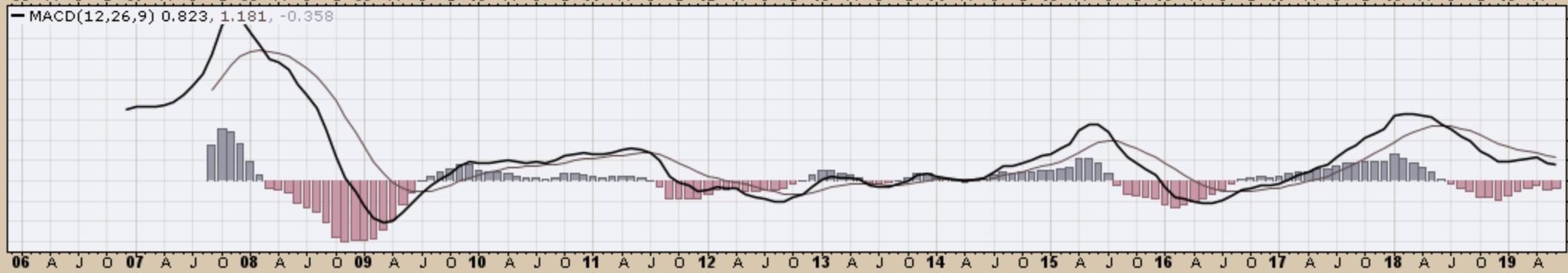
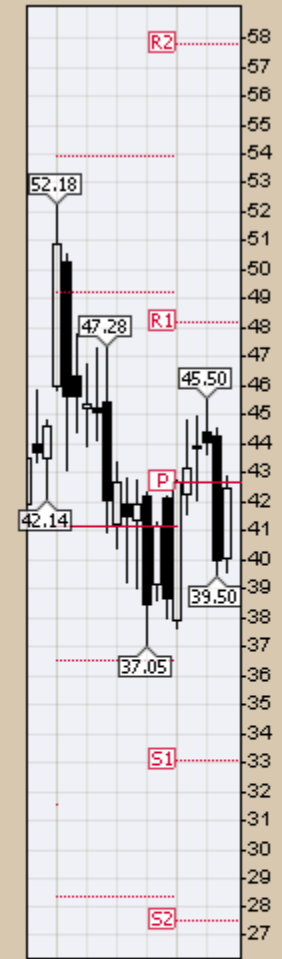


FXI (Monthly) 42.50

MA(200) undef

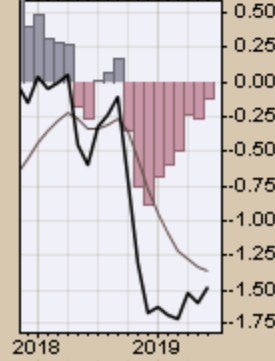
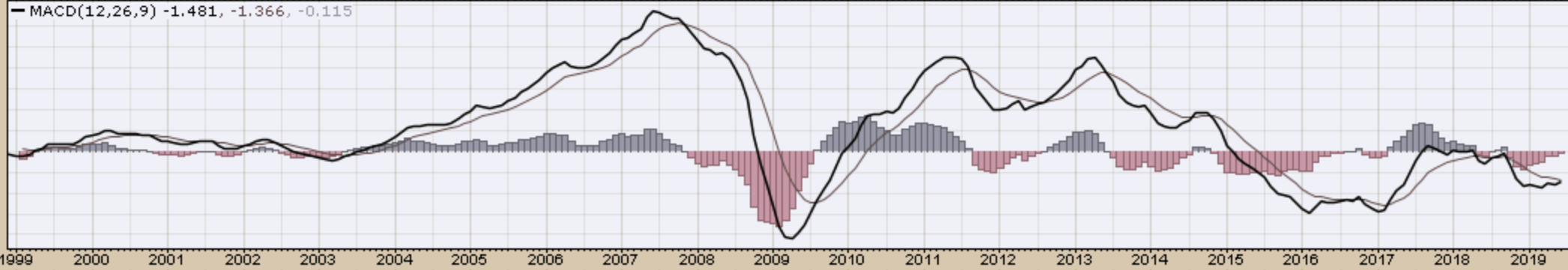
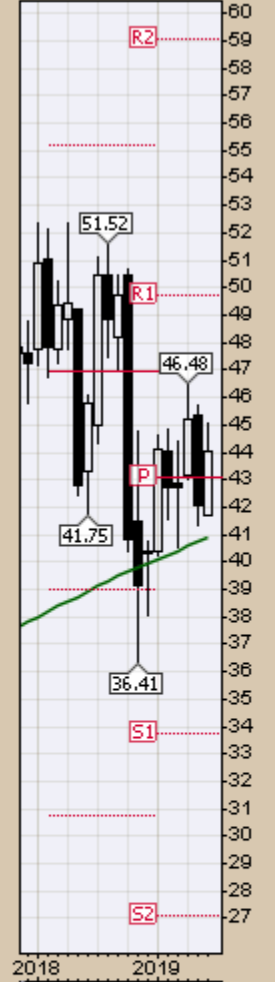
PIVOTS 27.51, 33.10, 42.64, 48.23, 57.76

# CHART A24. CHINA, MONTHLY CHART



EWW (Monthly) 44.07  
MA(200) 40.92  
PIVOTS 27.08, 33.72, 43.05, 49.70, 59.03

# CHART A25. MEXICO, MONTHLY CHART

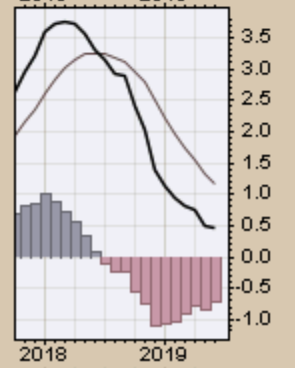
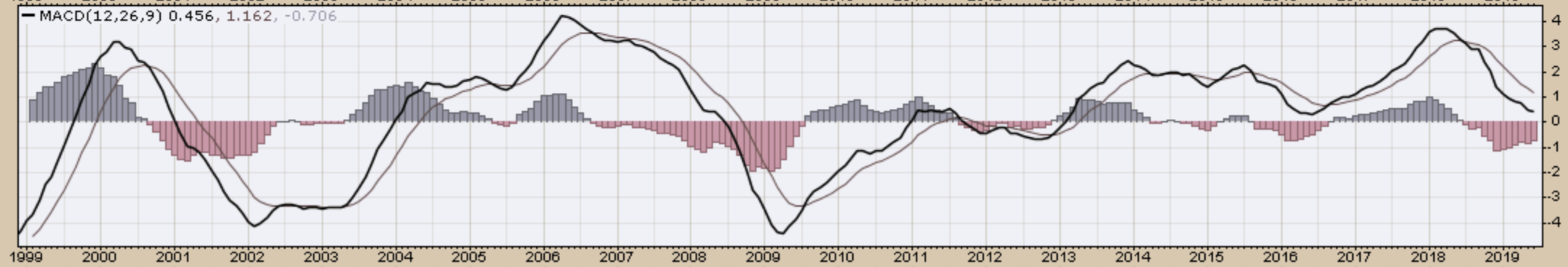
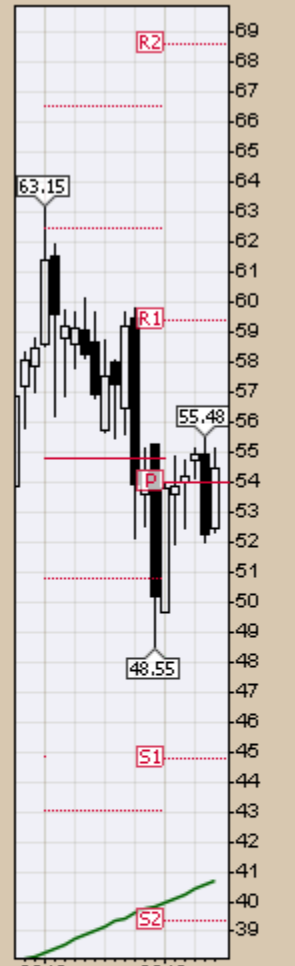
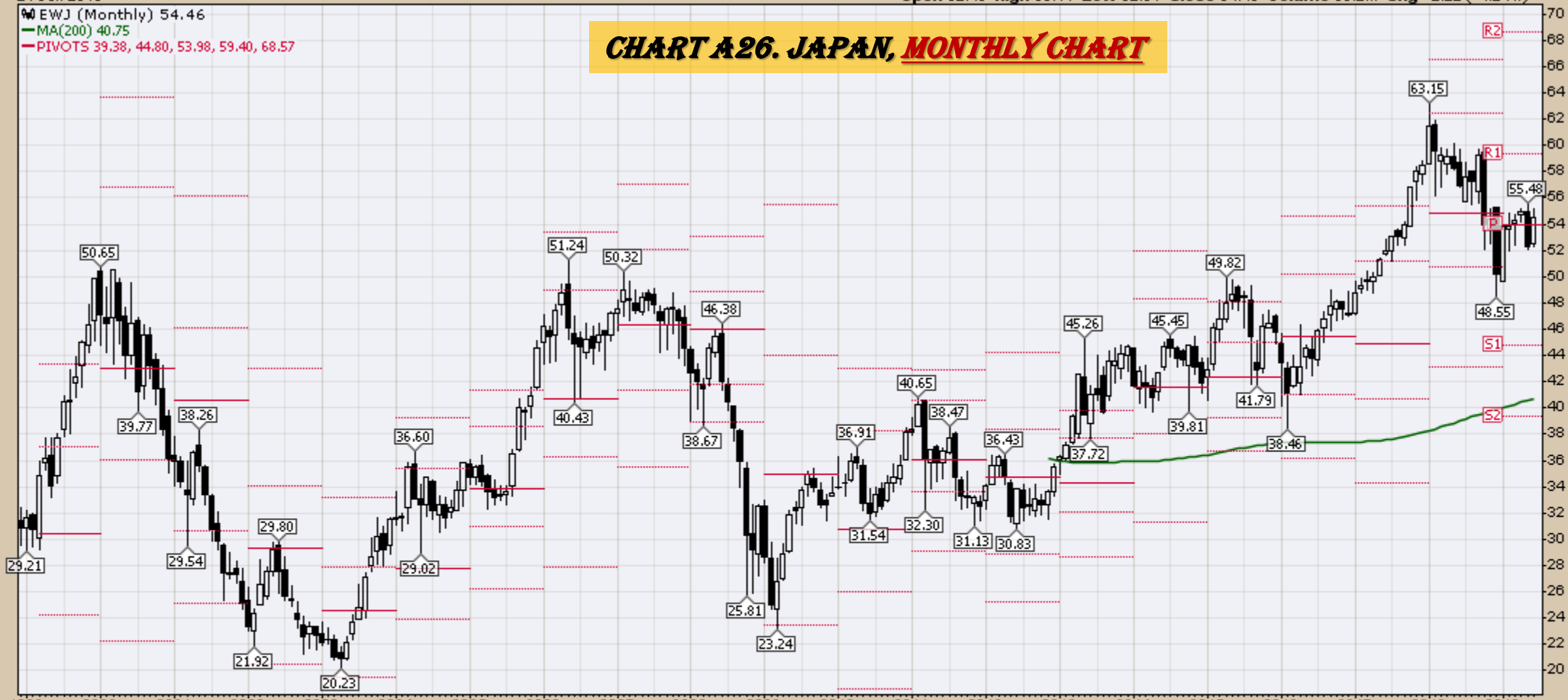


21-Jun-2019

Open 52.49 High 55.11 Low 52.31 Close 54.46 Volume 89.2M Chg +2.22 (+4.24%) ▲

EWJ (Monthly) 54.46  
MA(200) 40.75  
PIVOTS 39.38, 44.80, 53.98, 59.40, 68.57

### CHART A26. JAPAN, MONTHLY CHART

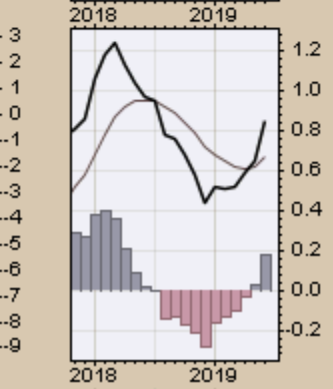
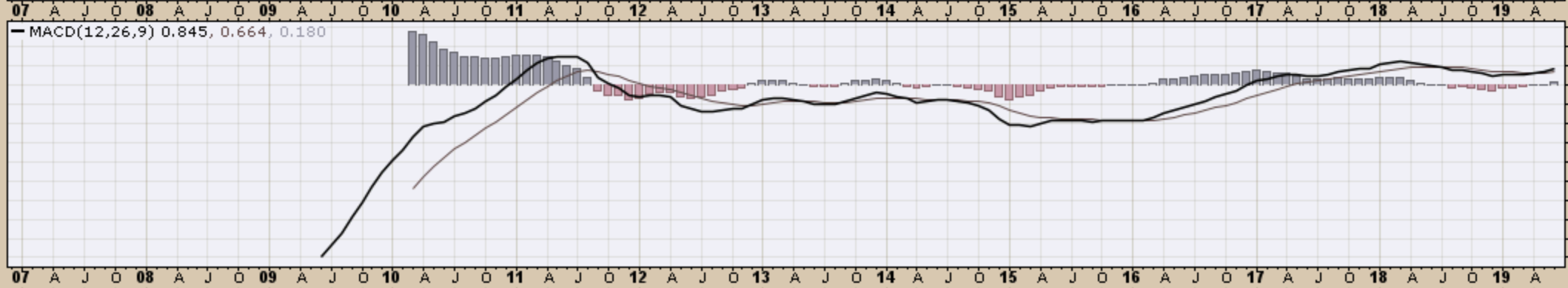
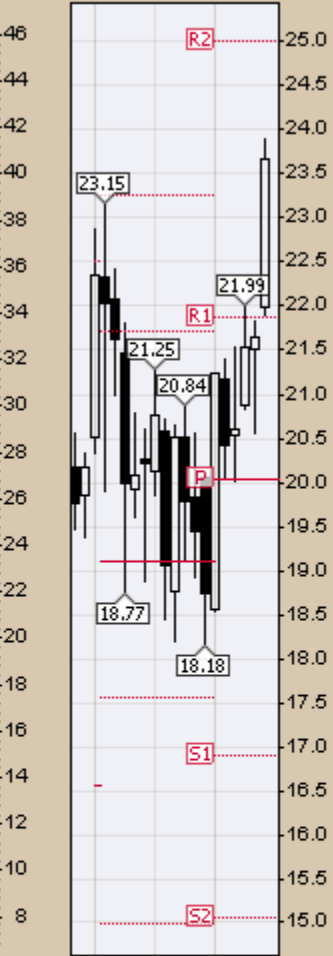


21-Jun-2019

Open 21.98 High 23.90 Low 21.90 Close 23.66 Volume 121.2M Chg +2.02 (+9.33%) ▲

RSX (Monthly) 23.66  
MA(200) undef  
PIVOTS 15.06, 16.90, 20.03, 21.87, 24.99

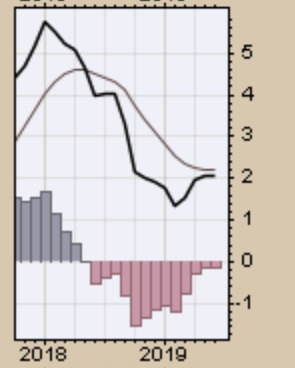
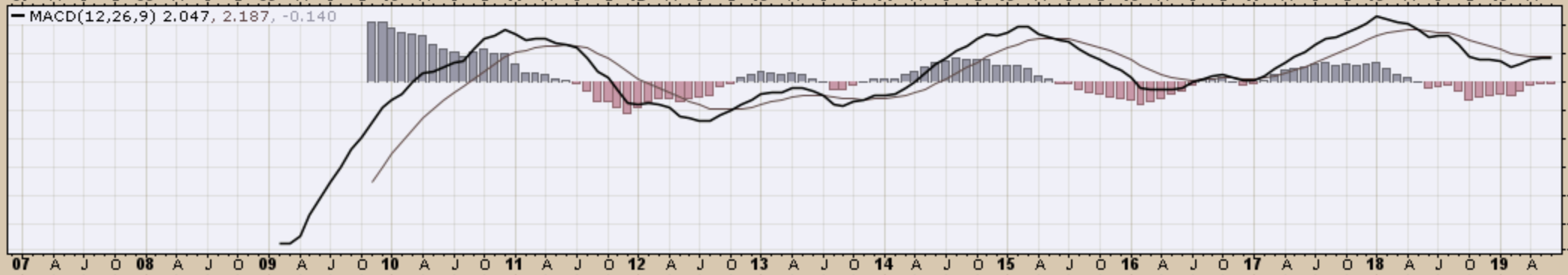
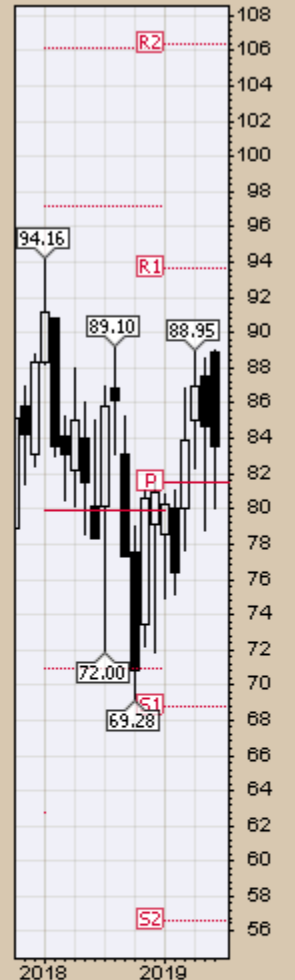
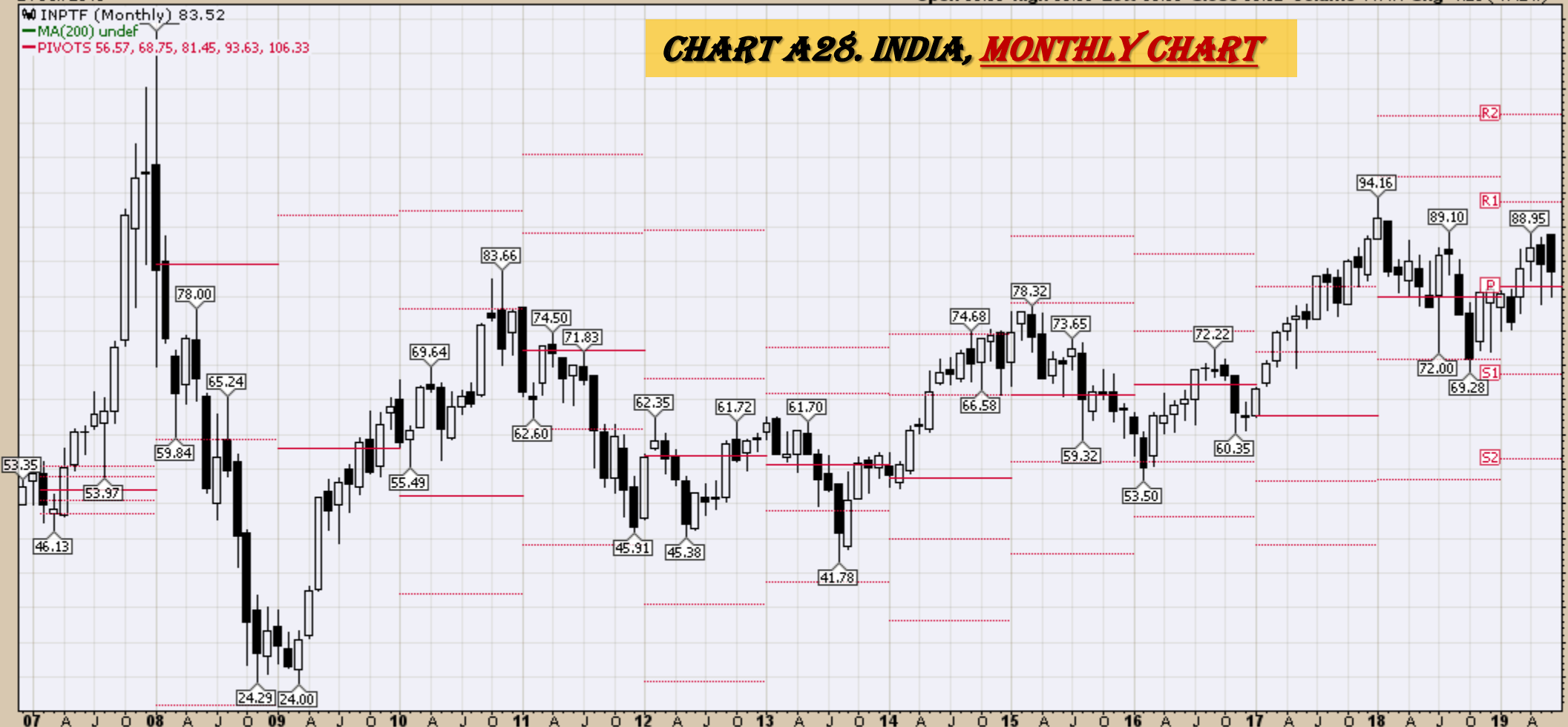
# CHART A27. RUSSIA, MONTHLY CHART



INPTF (Monthly) 83.52

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

# CHART A28. INDIA, MONTHLY CHART



21-Jun-2019

▲ GXG (Monthly) 9.54

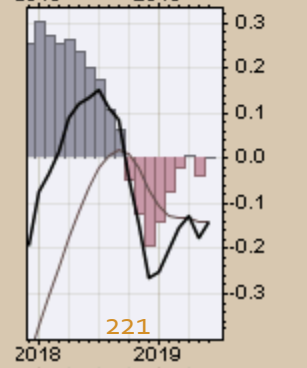
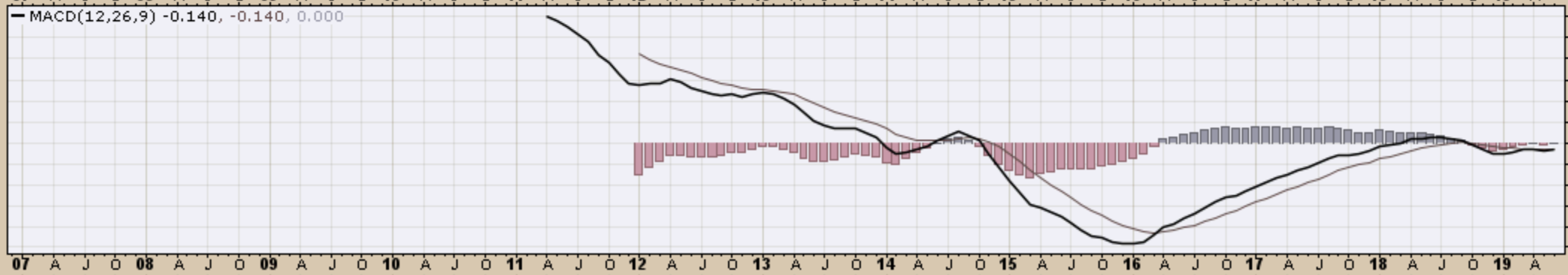
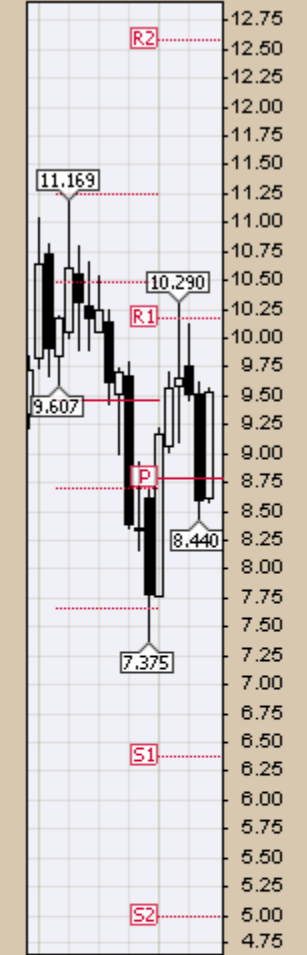
— MA(200) undef

— PIVOTS 4.98, 6.39, 8.78, 10.18, 12.57

Open 8.62 High 9.57 Low 8.58 Close 9.54 Volume 1.0M Chg +0.95 (+11.06%) ▲

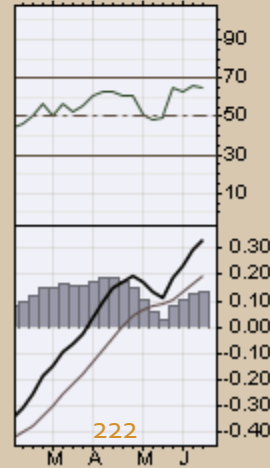
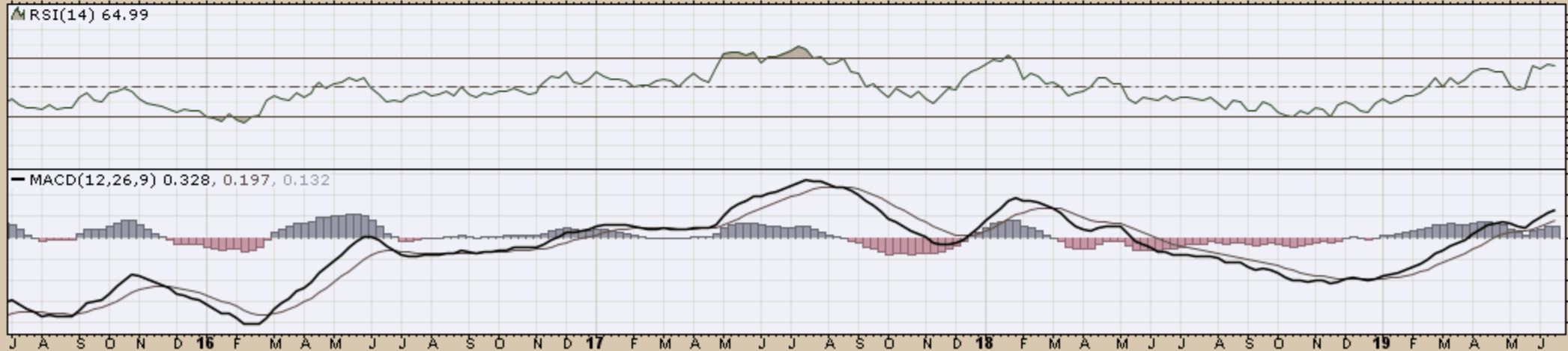


**CHART A29. COLUMBIA MONTHLY CHART**



21-Jun-2019

Open 9.25 High 9.35 Low 9.11 Close 9.24 Volume 1.5M Chg -0.05 (-0.54%)





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

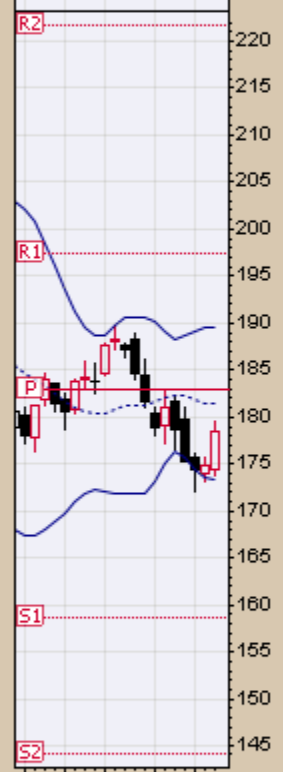
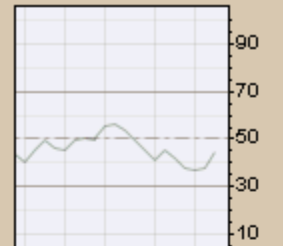
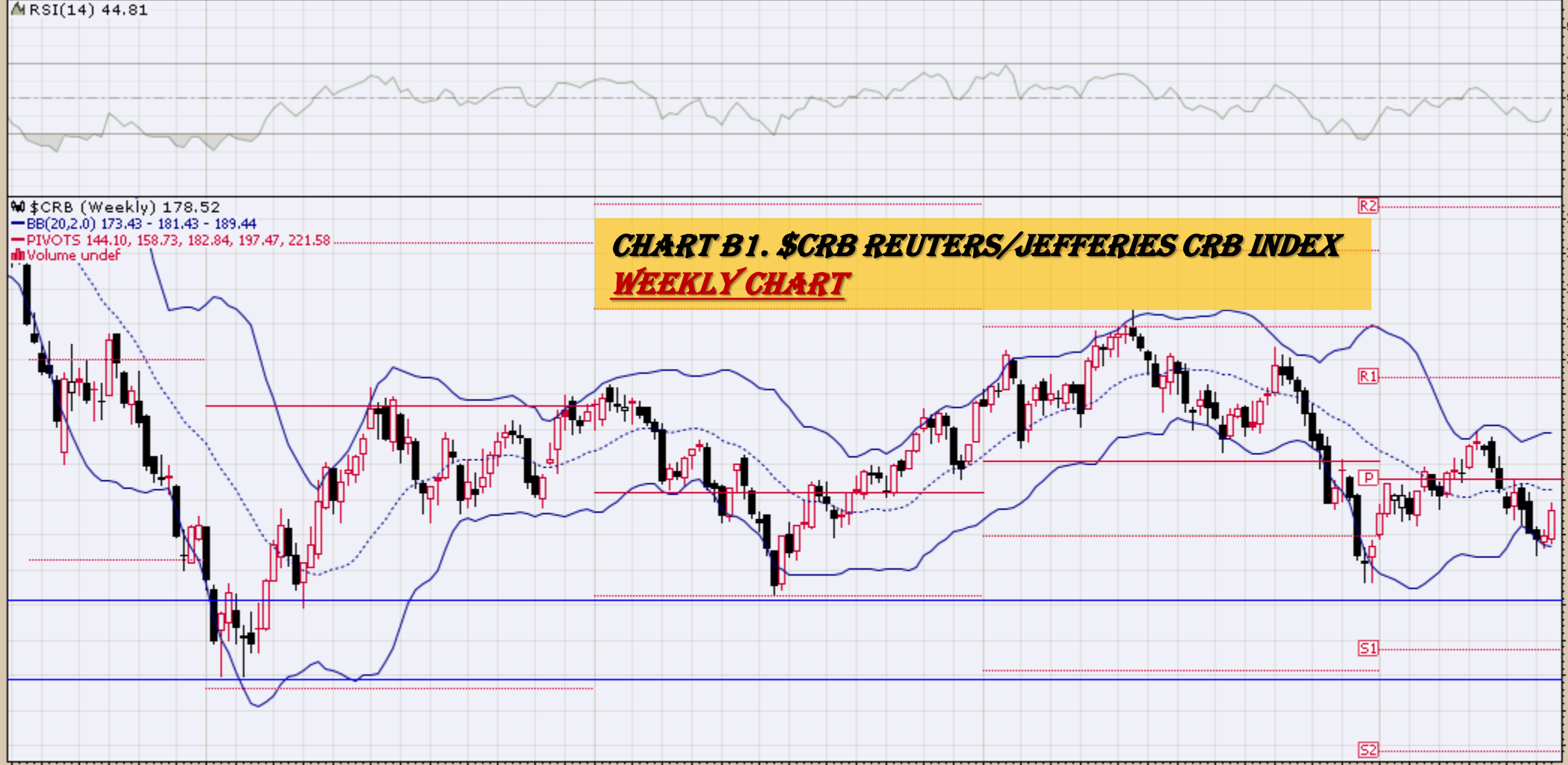
21-Jun-2019

Open 174.47 High 179.61 Low 173.78 Close 178.52 Chg +3.71 (+2.12%) ▲

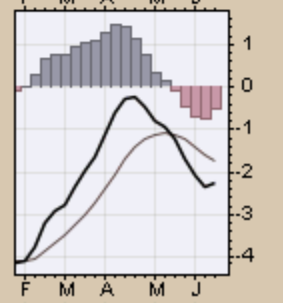
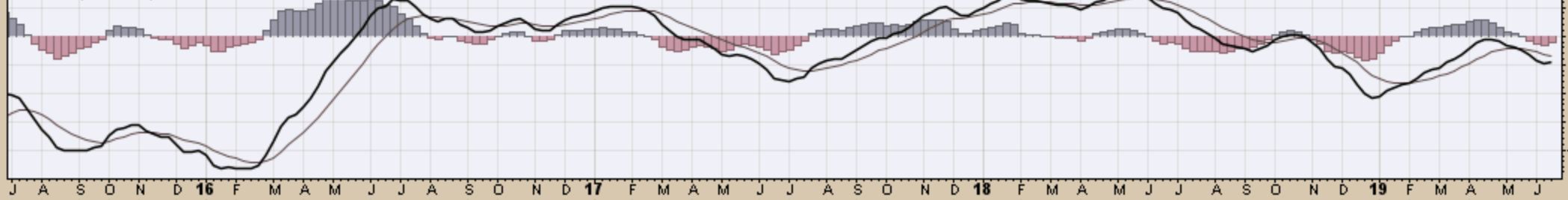
▲ RSI(14) 44.81

▲ \$CRB (Weekly) 178.52  
— BB(20,2.0) 173.43 - 181.43 - 189.44  
— PIVOTS 144.10, 158.73, 182.84, 197.47, 221.58  
■ Volume undef

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



— MACD(12,26,9) -2.238, -1.715, -0.523



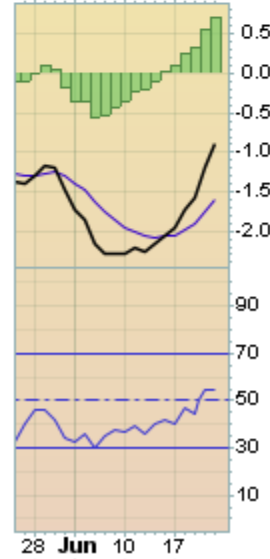
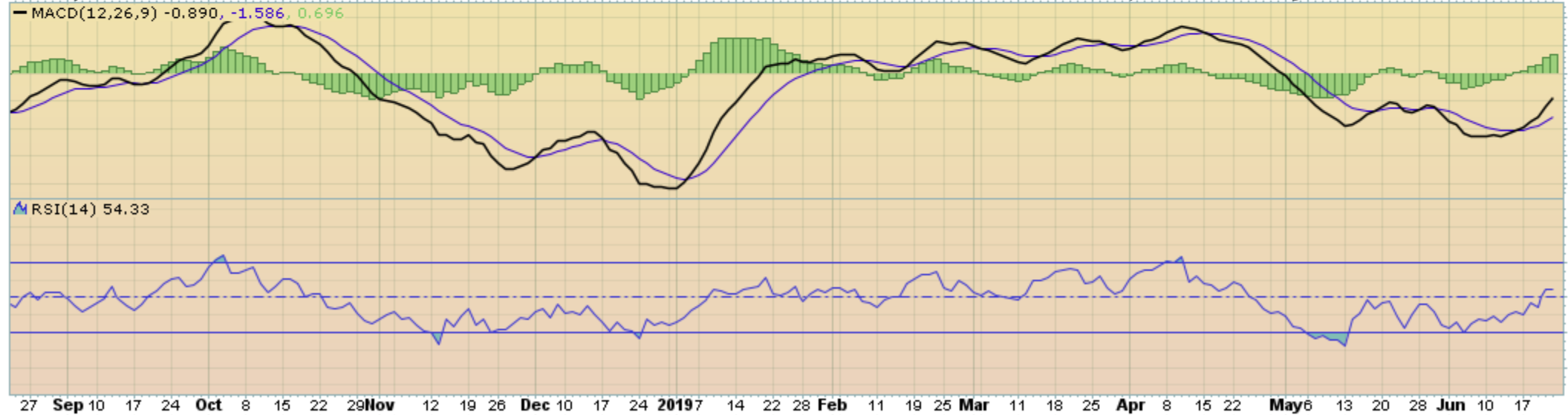
21-Jun-2019

Open 179.50 High 179.61 Low 178.40 Close 178.52 Chg -0.11 (-0.06%)

Reuters/Jefferies CRB Index (EOD) (Daily) 178.52

BB(20,2,0) 171.31 - 175.93 - 180.56  
PIVOTS 169.47, 172.42, 178.27, 181.21, 187.06  
CHANDLR(22,3,0) 175.91  
Volume undef

### CHART B2. \$CRB REUTERS/JEFFERIES CRB INDEX DAILY CHART



21-Jun-2019

Open 175.81 High 179.61 Low 172.02 Close 178.52 Chg +3.16 (+1.80%) ▲

▲ RSI(14) 42.15

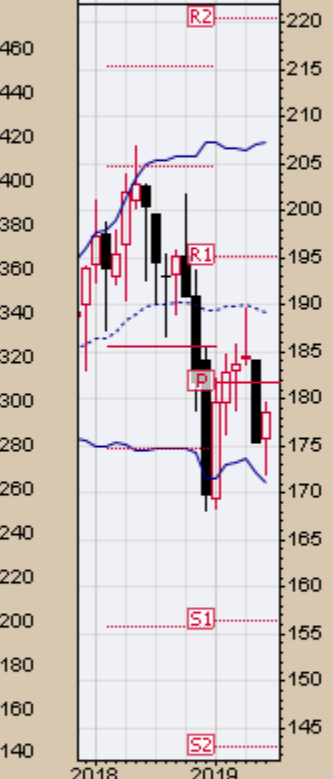
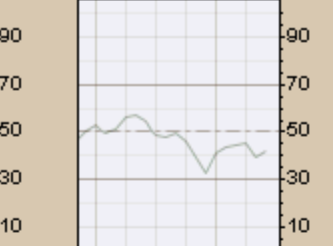
● \$CRB (Monthly) 178.52

— BB(20,2.0) 171.16 - 189.22 - 207.27

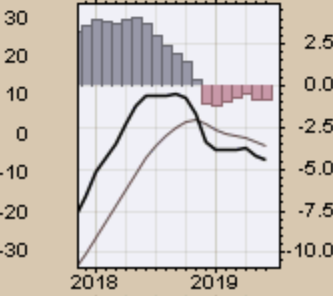
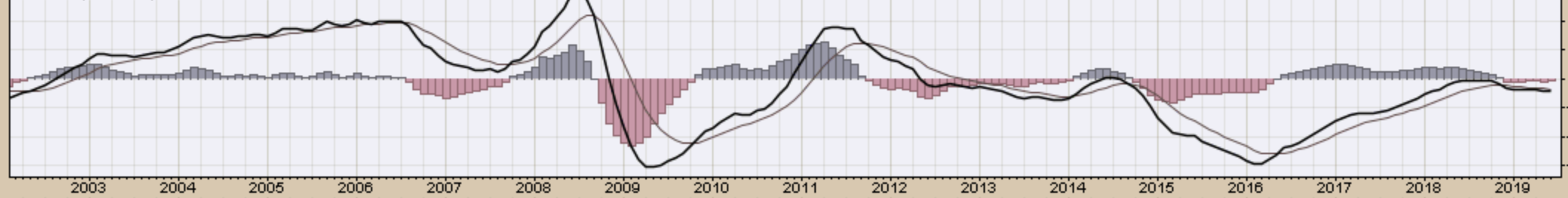
— PIVOTS 142.91, 156.36, 181.65, 195.10, 220.39

■ Volume undef

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



— MACD(12,26,9) -4.382, -3.588, -0.794



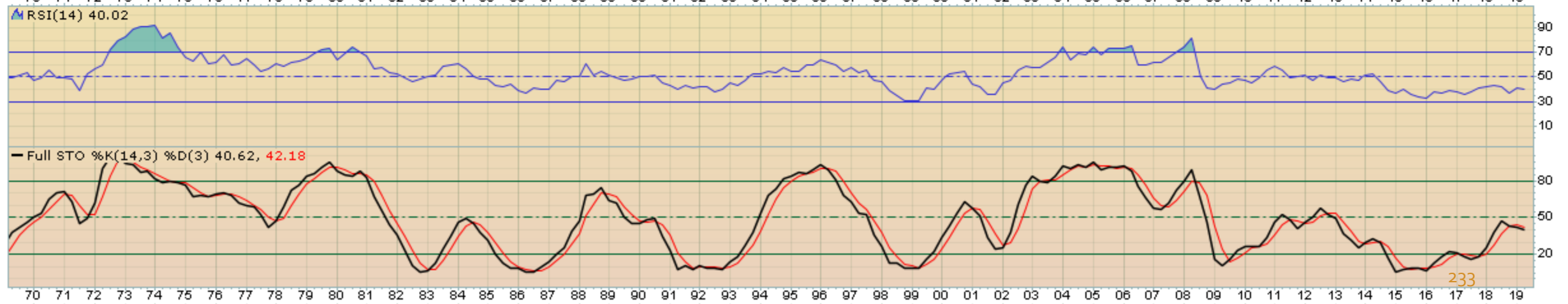
21-Jun-2019

Open 184.63 High 189.68 Low 172.02 Close 178.52 Chg -5.23 (-2.85%)

MACD(12,26,9) -22.713, -24.641, 1.927

\$CRB (Quarterly) 178.52  
MA(50) 261.66  
MA(200) 232.39  
EMA(20) 204.08

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



233

21-Jun-2019

Open 175.81 High 179.61 Low 172.02 Close 178.52 Chg +3.16 (+1.80%) ▲

— \$CRB (Monthly) 178.52  
— MA(200) 269.01  
■ Volume undef

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



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

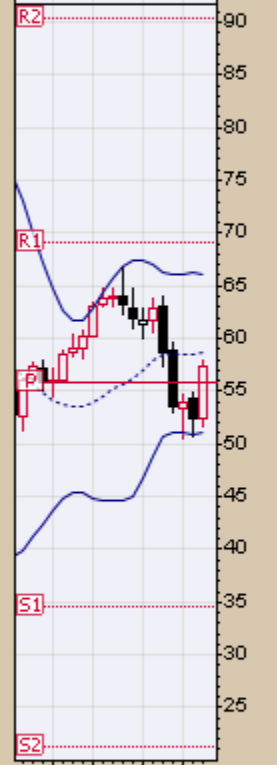
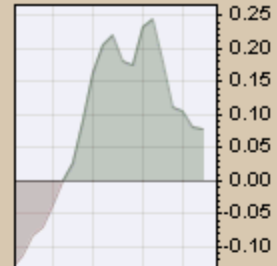
21-Jun-2019

Open 52.50 High 57.98 Low 51.58 Close 57.43 Volume 317.9M Chg +4.92 (+9.37%) ▲

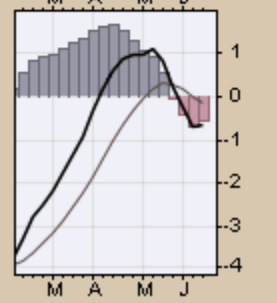
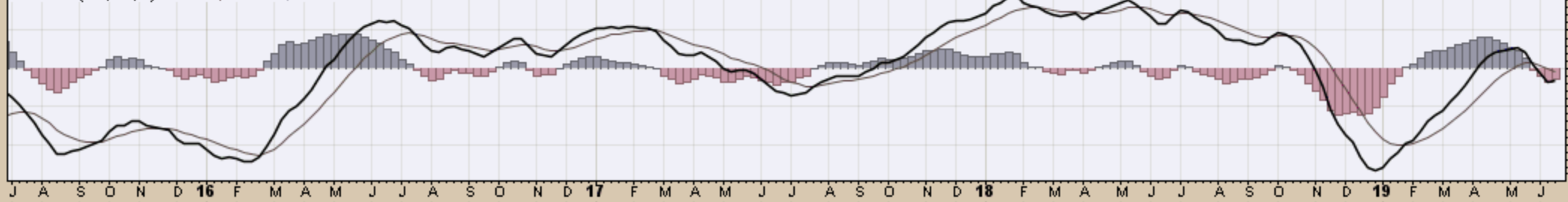
▲ CMF(20) 0.079

● \$WTIC (Weekly) 57.43  
— BB(20,2.0) 51.07 - 58.62 - 66.17  
— PIVOTS 21.20, 34.58, 55.74, 69.12, 90.28

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



— MACD(12,26,9) -0.673, -0.130, -0.543



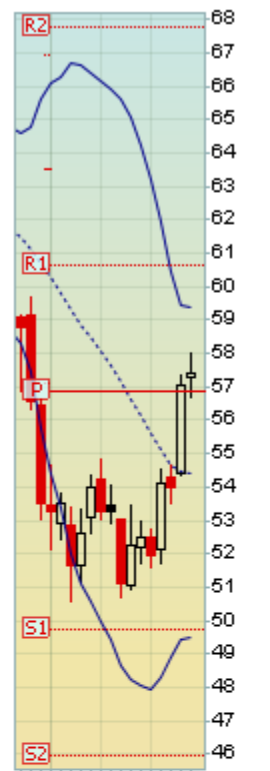


Light Crude Oil - Continuous Contract (EOD) (Daily) 57.43

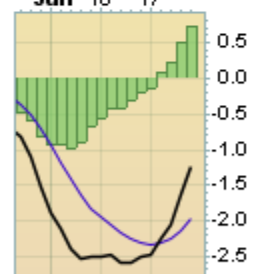
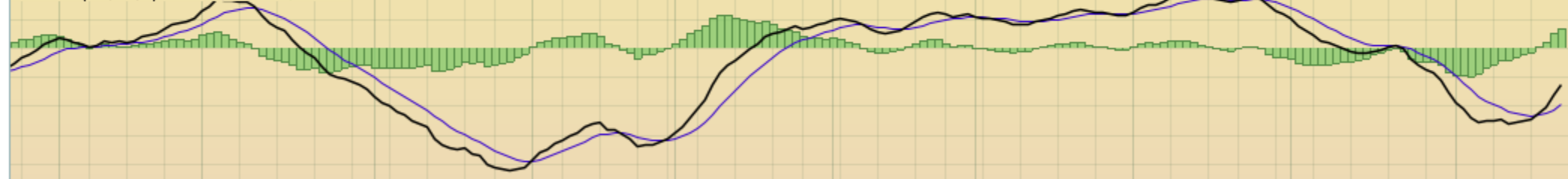
BB(20,2.0) 49.48 - 54.43 - 59.38

PIVOTS 45.93, 49.71, 56.84, 60.62, 67.75

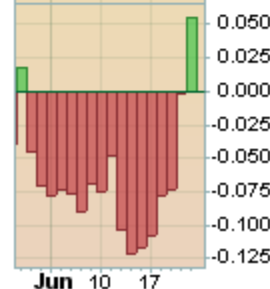
### CHART B7. \$WTIC, DAILY CHART



MACD(12,26,9) -1.240, -1.951, 0.712



CMF(20) 0.054



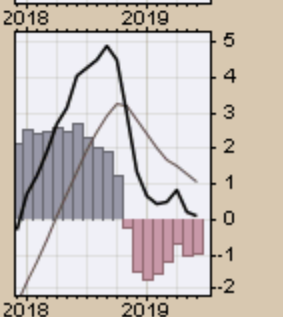
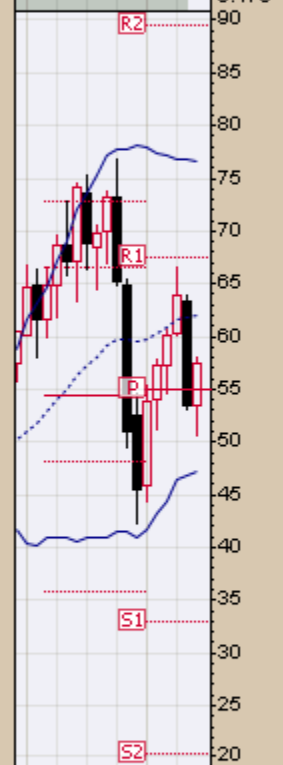
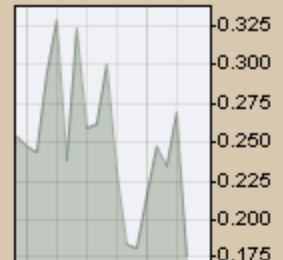
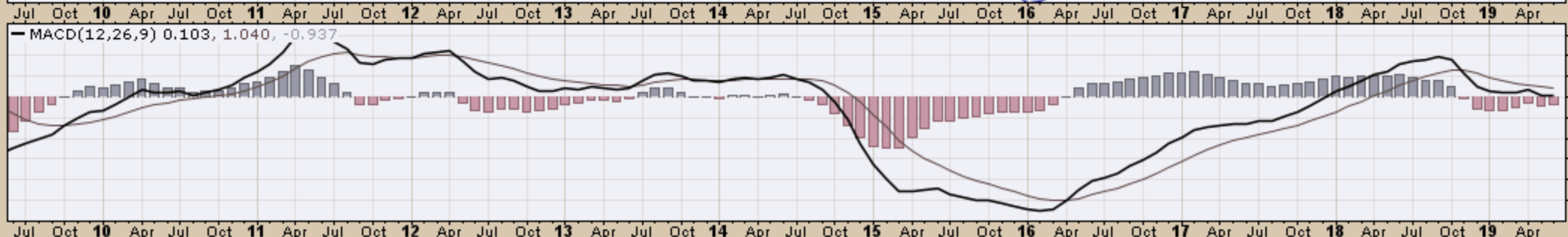
21-Jun-2019

Open 53.42 High 57.98 Low 50.60 Close 57.43 Volume 1.1B Chg +3.93 (+7.35%)▲

▲ CMF(20) 0.176 (31 May)

# CHART B8. \$WTIC, MONTHLY CHART

▲ \$WTIC (Monthly) 57.43  
— BB(20,2.0) 47.16 - 61.92 - 76.67  
— PIVOTS 20.35, 32.88, 54.89, 67.42, 89.43



21-Jun-2019

Open 53.42 High 57.98 Low 50.60 Close 57.43 Volume 1.1B Chg +3.93 (+7.35%) ▲

— \$WTIC (Monthly) 57.43  
— MA(200) 68.25

# CHART B9A. \$WTIC, MONTHLY CHART



MACD(12,26,9) -4.069, -5.305, 1.236

\$WTIC (Quarterly) 57.43

MA(50) 75.23

MA(200) undef

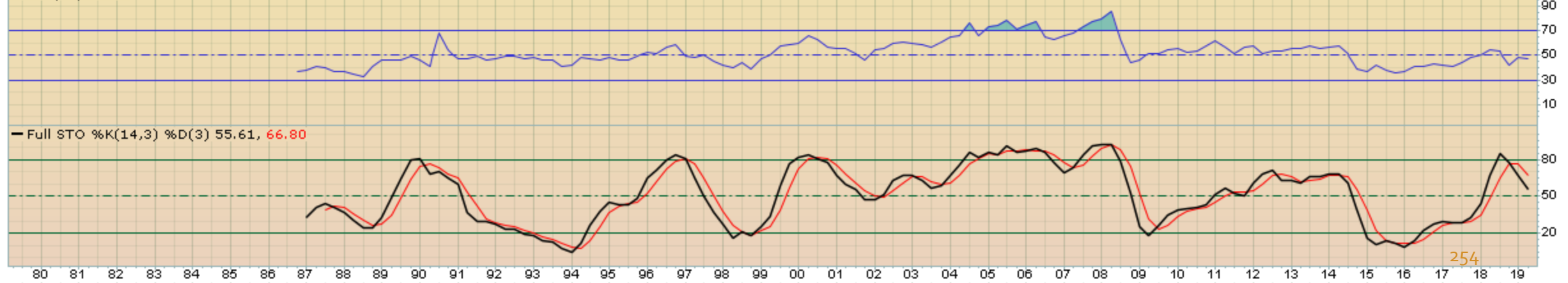
EMA(20) 61.52

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



RSI(14) 47.39

Full STO %K(14,3) %D(3) 55.61, 66.80



# *Soybeans*

*Weekly, Daily, Monthly and Quarterly Charts*

21-Jun-2019

Open 901.00 High 921.50 Low 896.50 Close 902.75 Volume 644.1K Chg +6.00 (+0.67%) ▲

▲ CMF(20) -0.260

### CHART B10. SOYBEANS, WEEKLY CHART

▲ \$SOYB (Weekly) 902.75

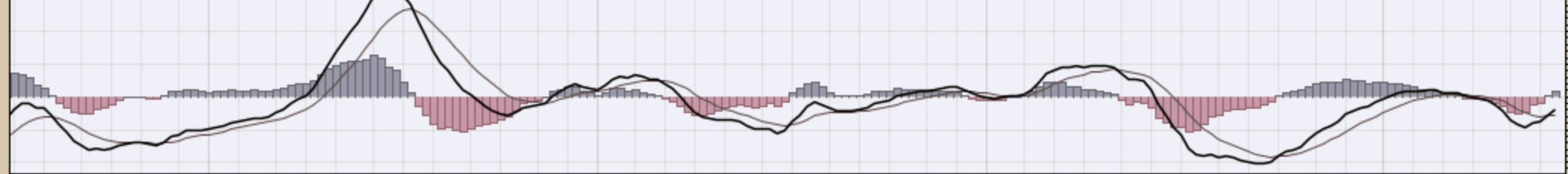
— BB(20,2.0) 816.65 - 881.42 - 946.20

— PIVOTS 668.50, 795.00, 938.75, 1065.25, 1209.00

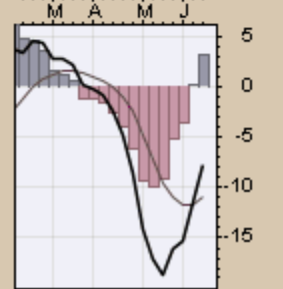
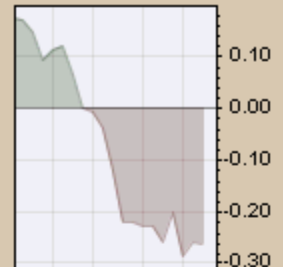


J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A M J

— MACD(12,26,9) -7.789, -10.908, 3.119



J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A M J



**\$SOYB Soybeans - Continuous Contract (EOD) CME**

21-Jun-2019

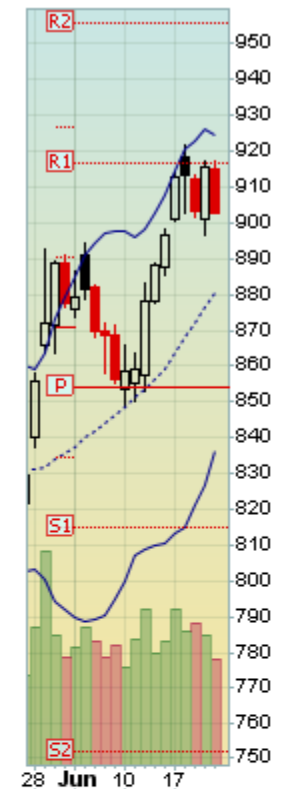
© StockCharts.com

Open 915.00 High 917.25 Low 902.50 Close 902.75 Volume 102.7K Chg -12.75 (-1.39%)

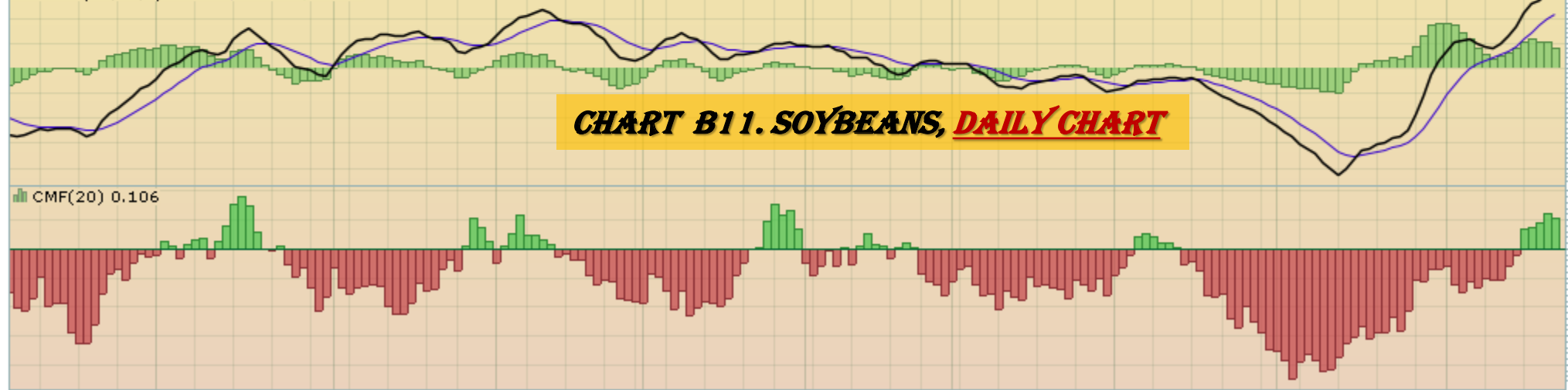
BB(20,2,0) 836.14 - 880.41 - 924.69

PIVOTS 752.08, 814.92, 853.83, 916.67, 955.58

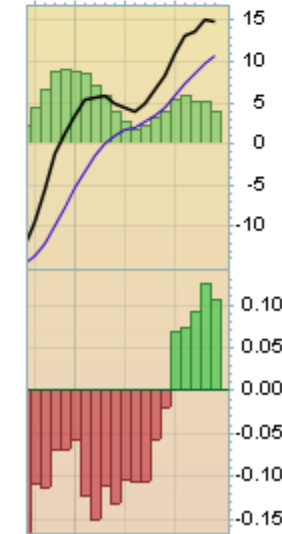
Volume 102,716



MACD(12,26,9) 14.790, 10.789, 4.001



**CHART B11. SOYBEANS, DAILY CHART**



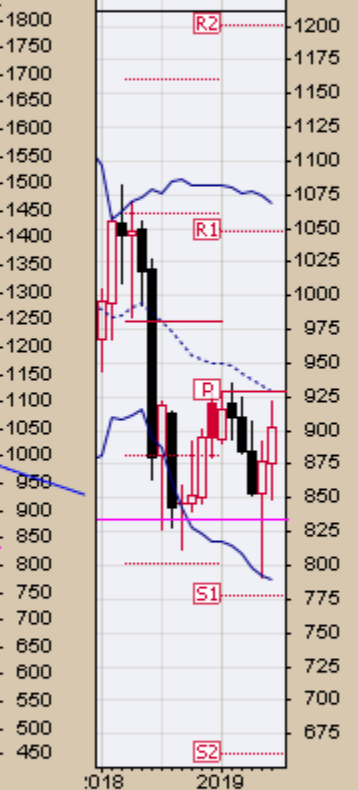
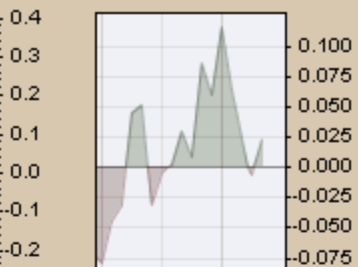
21-Jun-2019

Open 875.75 High 921.50 Low 848.25 Close 902.75 Volume 1.8M Chg +25.00 (+2.85%)

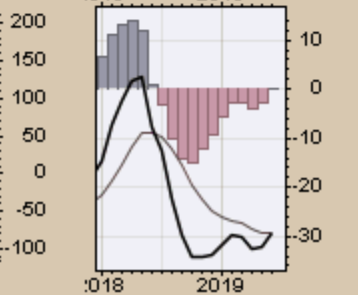
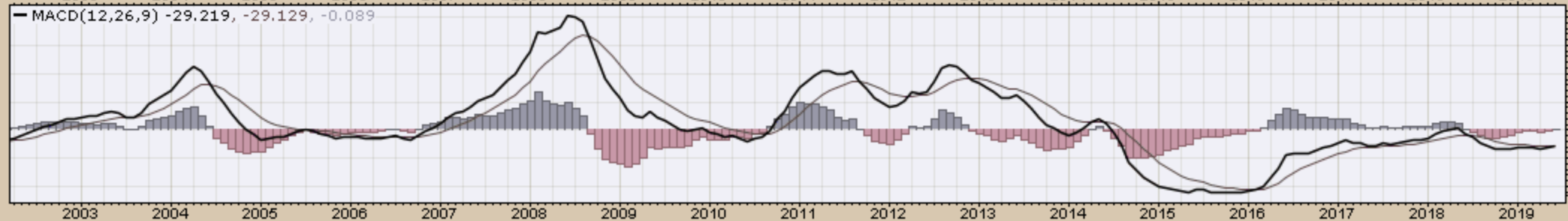
▲ CMF(20) 0.023 (31 May)

### CHART B12. SOYBEANS, MONTHLY CHART

● \$SOYB (Monthly) 902.75  
— BB(20,2.0) 789.93 - 929.21 - 1068.50  
— PIVOTS 659.67, 777.33, 929.92, 1047.58, 1200.17



— MACD(12,26,9) -29.219, -29.129, -0.089



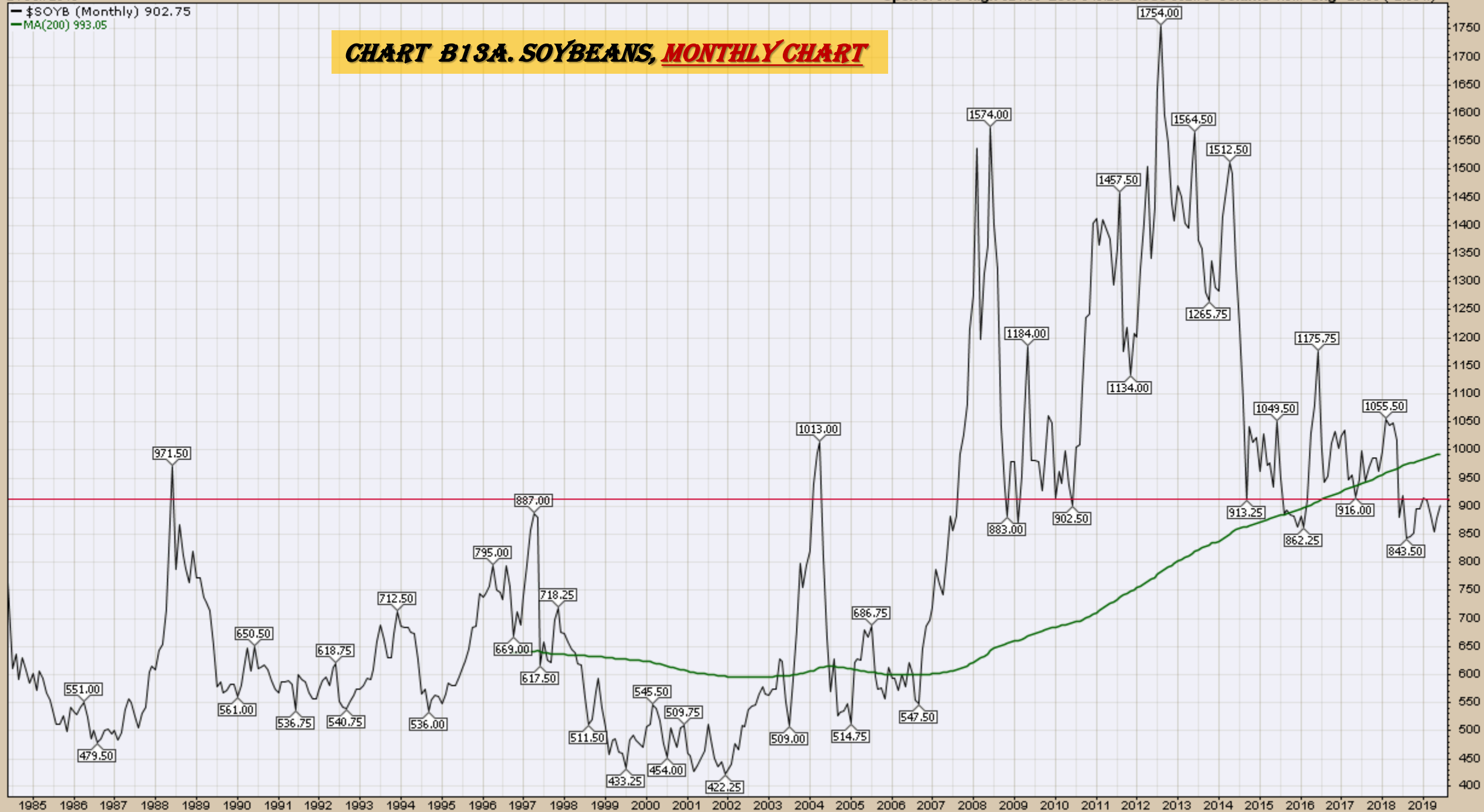


21-Jun-2019

Open 875.75 High 921.50 Low 848.25 Close 902.75 Volume 1.8M Chg +25.00 (+2.85%) ▲

— \$SOYB (Monthly) 902.75  
— MA(200) 993.05

**CHART B13A. SOYBEANS, MONTHLY CHART**



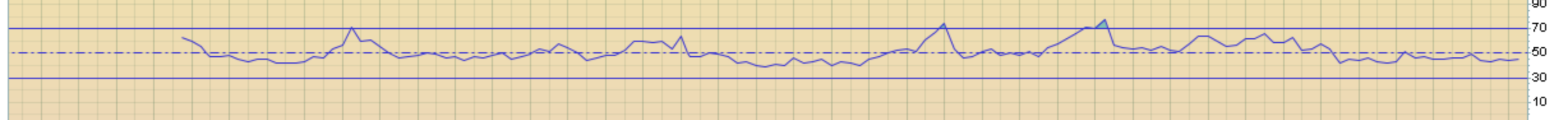
MACD(12,26,9) -61.612, -52.038, -9.573

\$SOYB (Quarterly) 902.75

**CHART B13B. SOYBEANS, QUARTERLY CHART**



RSI(14) 45.48



Full STO %K(14,3) %D(3) 21.94, 16.93



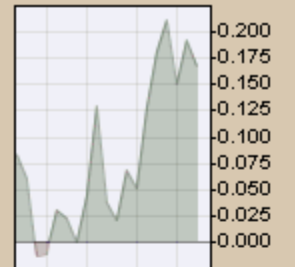
*Corn*

*Weekly, Daily, Monthly and Quarterly Charts*

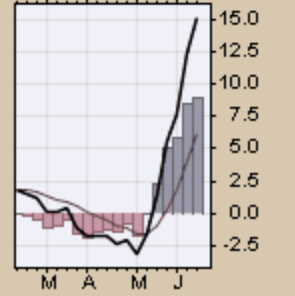
▲ CMF(20) 0.168

# CHART B14. CORN, WEEKLY CHART

▲ \$CORN (Weekly) 442.25  
 — BB(20,2,0) 327.72 - 383.90 - 440.08  
 — PIVOTS 304.50, 343.75, 378.00, 417.25, 451.50  
 ■ Volume 1.03M, EMA(50) 974.22K



— MACD(12,26,9) 15.018, 6.139, 8.879



21-Jun-2019

Open 452.00 High 454.00 Low 441.75 Close 442.25 Volume 220.5K Chg -7.75 (-1.72%)

☞ Corn - Continuous Contract (EOD) (Daily) 442.25

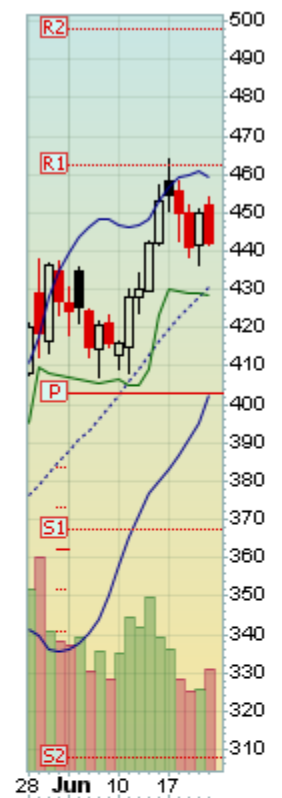
— BB(20,2.0) 402.17 - 430.66 - 459.16

— PIVOTS 307.67, 367.33, 402.67, 462.33, 497.67

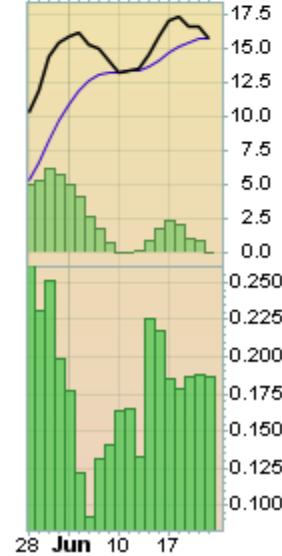
— CHANDLR(22,3.0) 428.72

■ Volume 220,486

# CHART B15. CORN, DAILY CHART



— MACD(12,26,9) 15.807, 15.764, 0.044



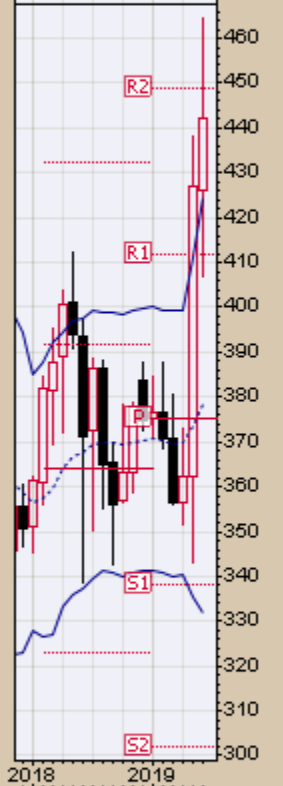
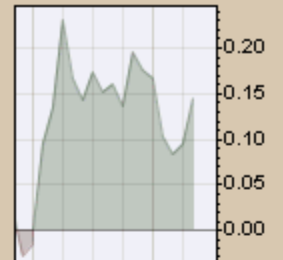
21-Jun-2019

Open 426.25 High 464.25 Low 407.00 Close 442.25 Volume 3.8M Chg +15.25 (+3.57%) ▲

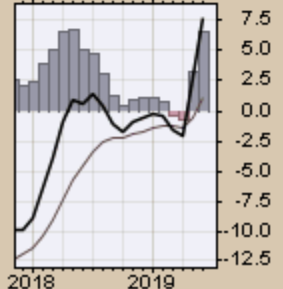
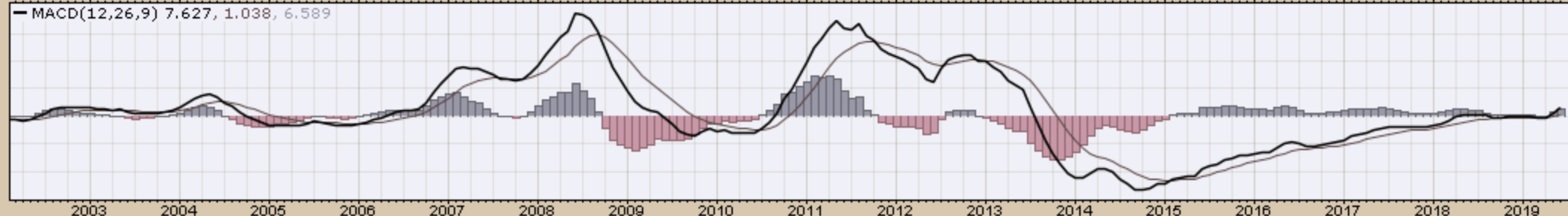
▲ CMF(20) 0.145 (31 May)

### CHART B16. CORN, MONTHLY CHART

▲ \$CORN (Monthly) 442.25  
— BB(20,2.0) 331.96 - 378.15 - 424.34  
— PIVOTS 301.83, 338.42, 375.33, 411.92, 448.83



— MACD(12,26,9) 7.627, 1.038, 6.589



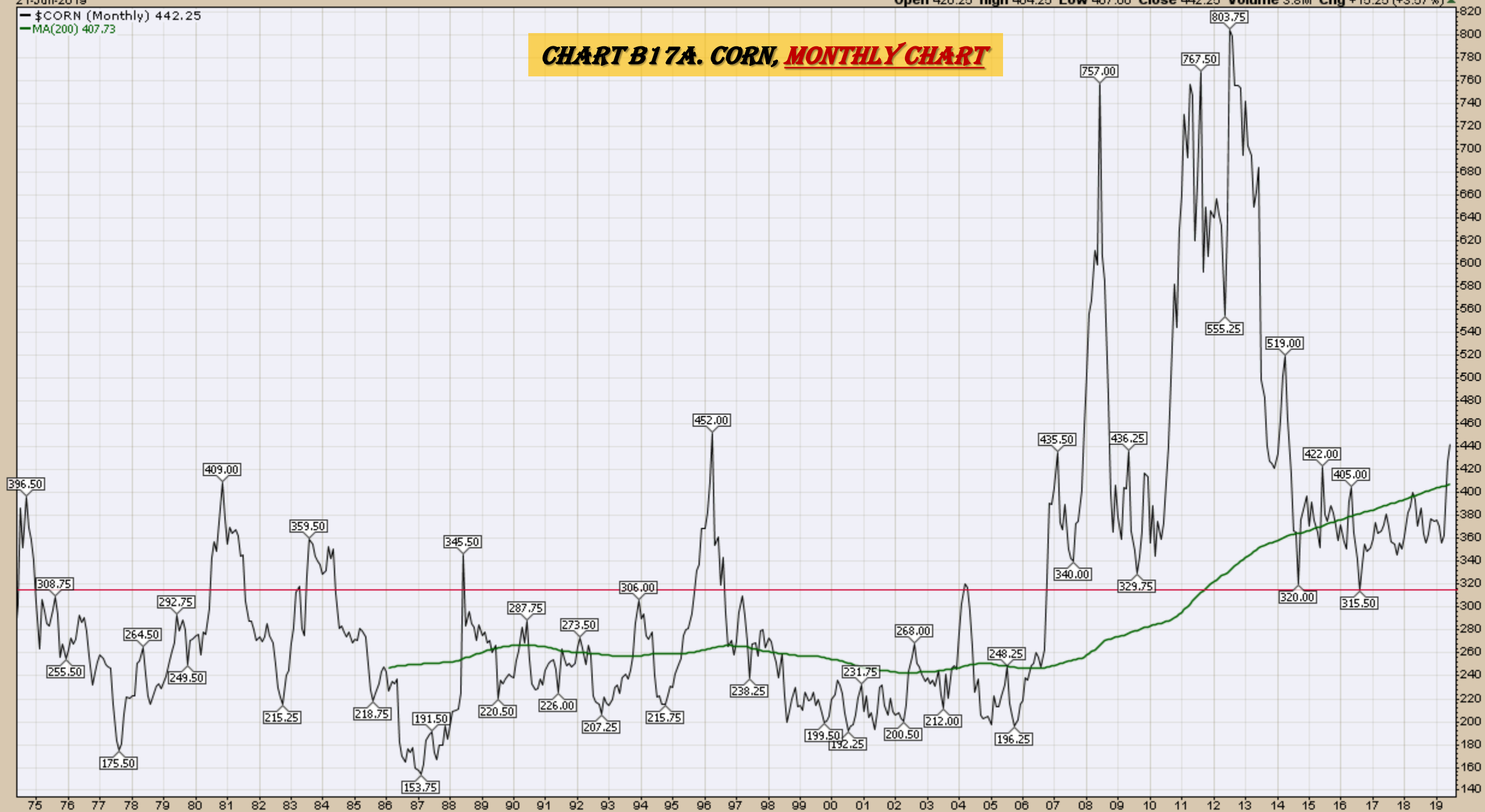
21-Jun-2019

Open 426.25 High 464.25 Low 407.00 Close 442.25 Volume 3.8M Chg +15.25 (+3.57%) ▲

— \$CORN (Monthly) 442.25

— MA(200) 407.73

### CHART B17A. CORN, MONTHLY CHART



MACD(12,26,9) -20.361, -27.944, 7.583

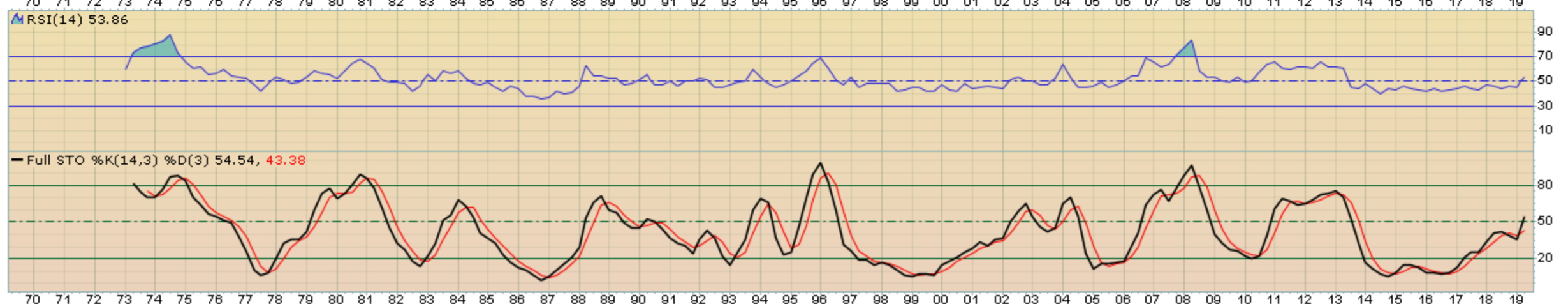
\$CORN (Quarterly) 442.25

MA(50) 459.92

MA(200) 299.04

EMA(20) 395.45

**CHART B17B. CORN, QUARTERLY CHART**





# *Rice*

**CHART B18. ROUGH RICE, 30 YEAR**



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



**CHART B20. ROUGH RICE, 1 YEAR**



*Cotton*

*Weekly, Daily, Monthly and Quarterly Charts*

▲ CMF(20) -0.096

📊 \$COTTON (Weekly) 65.56

— BB(20,2.0) 63.21 - 72.55 - 81.89

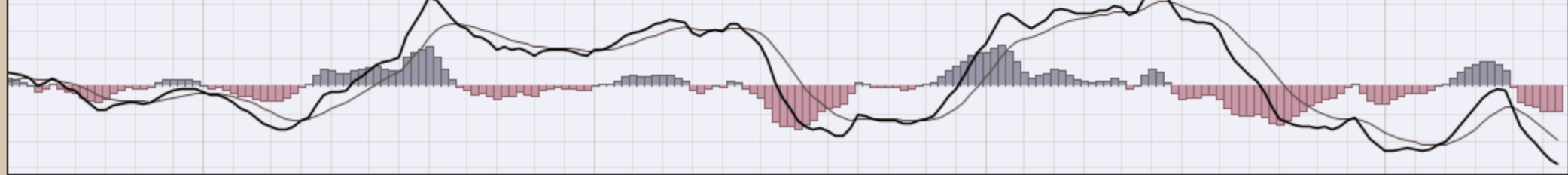
— PIVOTS 55.16, 63.84, 79.33, 88.01, 103.50

### CHART B21. COTTON, WEEKLY CHART

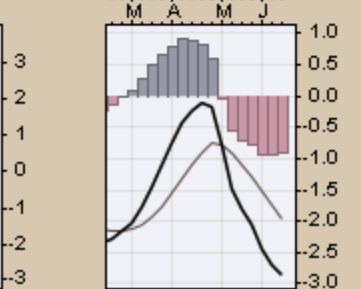
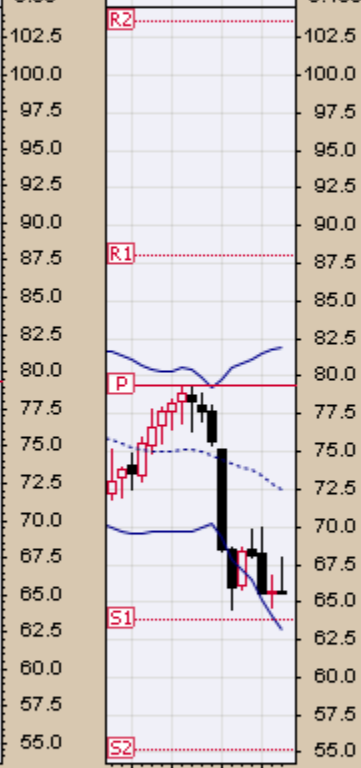
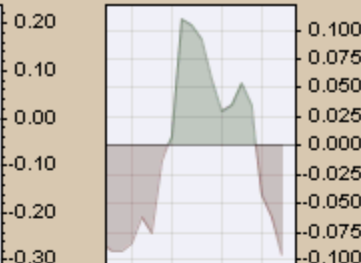


J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A M J

— MACD(12,26,9) -2.864, -1.964, -0.900



J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A M J

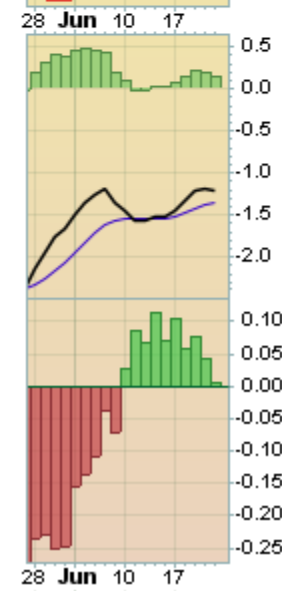
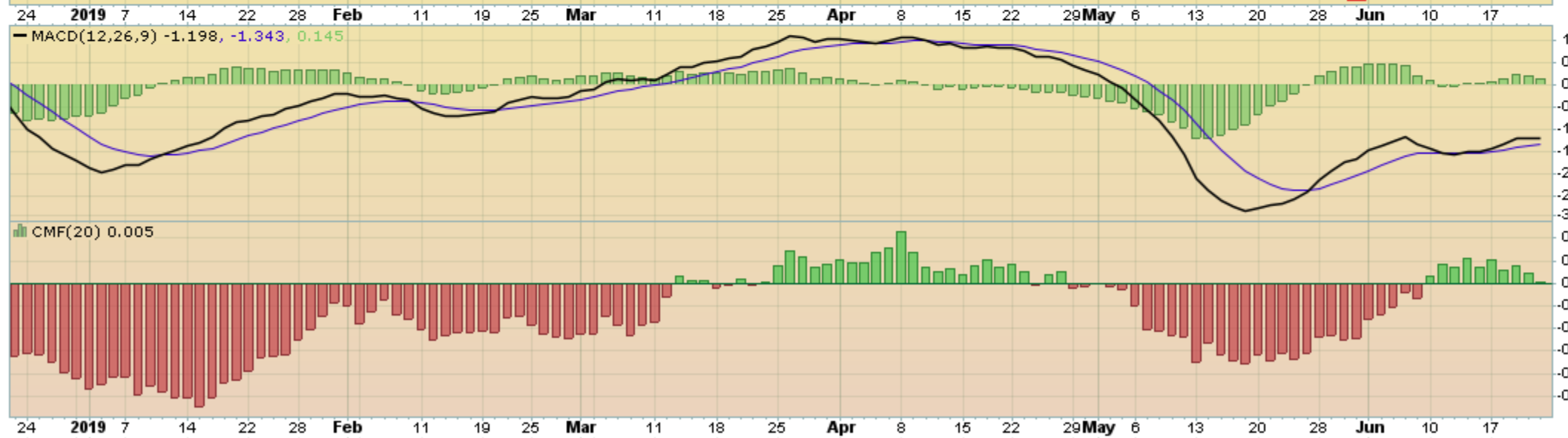


M A M J

BB(20,2.0) 64.32 - 67.33 - 70.35

PIVOTS 57.45, 62.76, 69.82, 75.13, 82.19

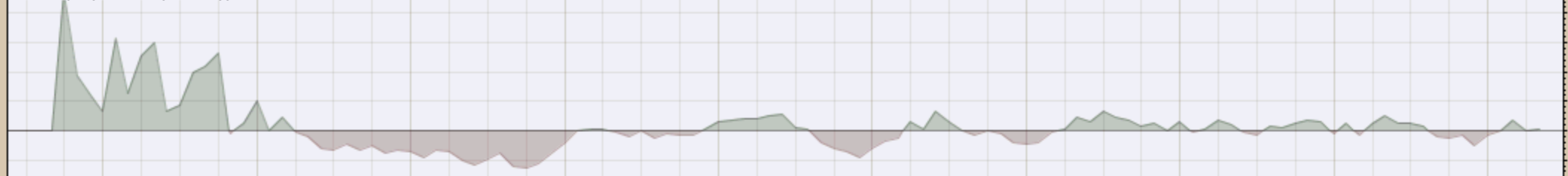
### CHART B22. COTTON, DAILY CHART



21-Jun-2019

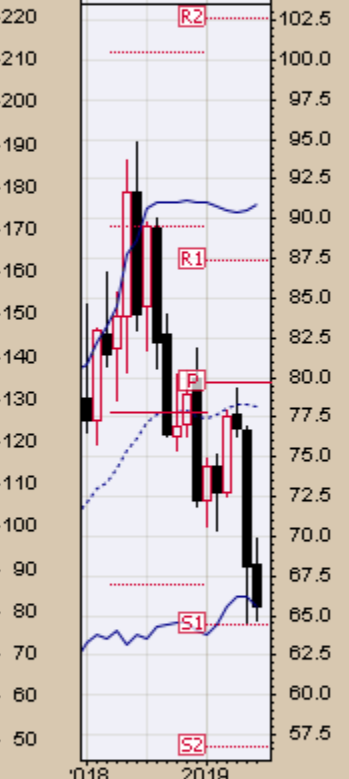
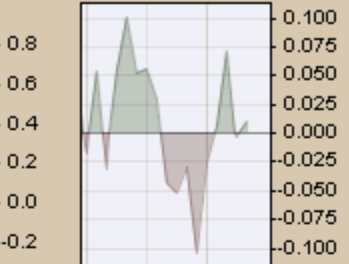
Open 68.20 High 69.91 Low 64.70 Close 65.56 Volume 350.8K Chg -2.52 (-3.70%)

▲ CMF(20) 0.010 (31 May)

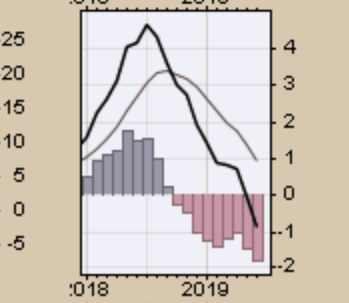
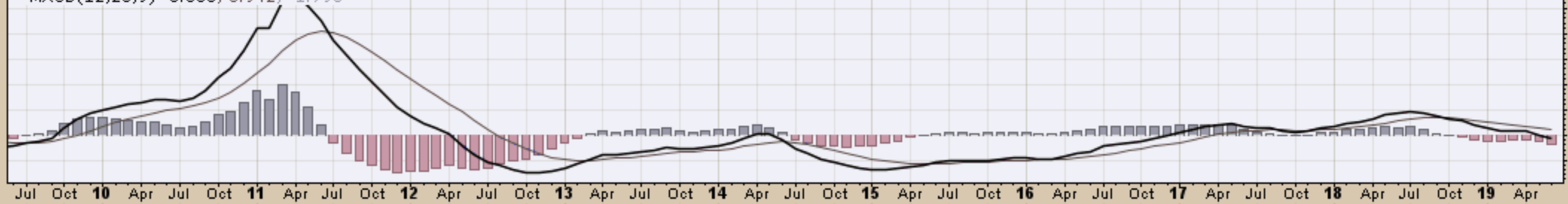


▲ \$COTTON (Monthly) 65.56  
 — BB(20,2.0) 65.52 - 78.20 - 90.87  
 — PIVOTS 56.68, 64.44, 79.63, 87.39, 102.58

**CHART B23. COTTON, MONTHLY CHART**



— MACD(12,26,9) -0.853, 0.942, -1.796





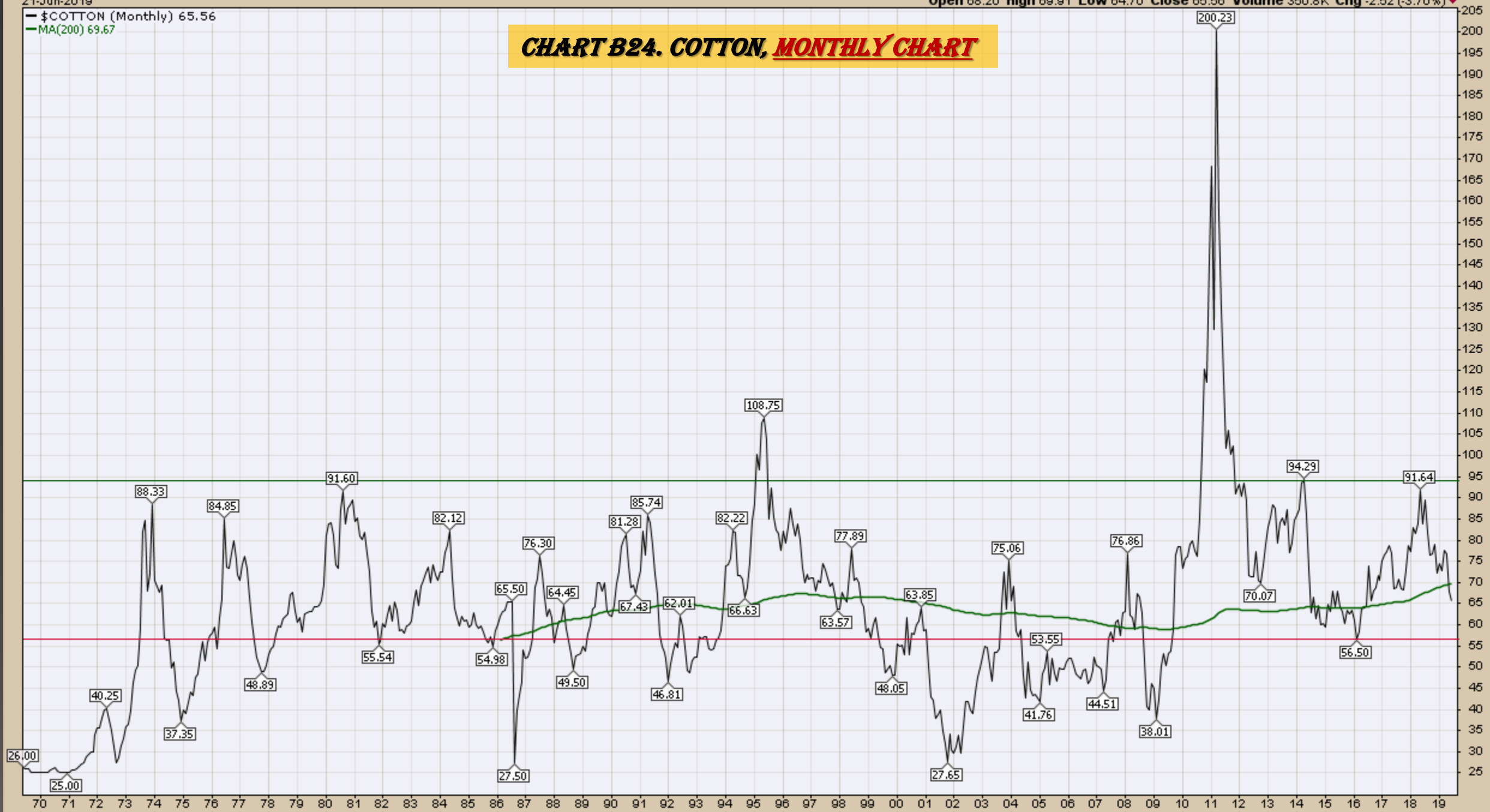
21-Jun-2019

Open 68.20 High 69.91 Low 64.70 Close 65.56 Volume 350.8K Chg -2.52 (-3.70%)

— \$COTTON (Monthly) 65.56

— MA(200) 69.67

### CHART B24. COTTON, MONTHLY CHART



MACD(12,26,9) -0.500, -0.763, 0.264

### CHART B24B. COTTON, QUARTERY CHART

\$COTTON (Quarterly) 65.56  
MA(50) 76.21  
MA(200) 63.05  
EMA(20) 73.72



RSI(14) 45.59



Full STO %K(14,3) %D(3) 42.84, 50.54

*Wheat*

*Weekly, Daily, Monthly and Quarterly Charts*

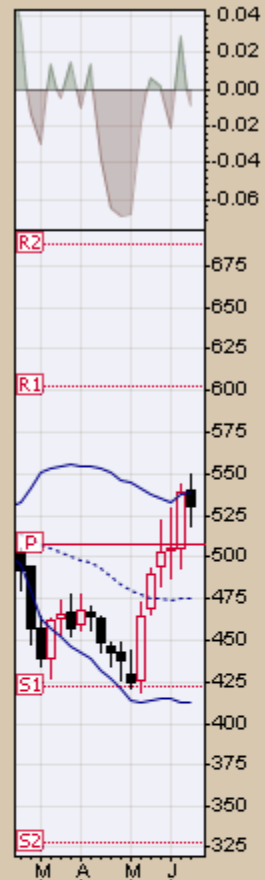
▲ CMF(20) -0.010

W \$WHEAT (Weekly) 530.75

— BB(20,2,0) 412.46 - 475.65 - 538.84

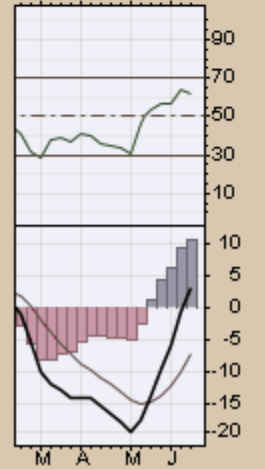
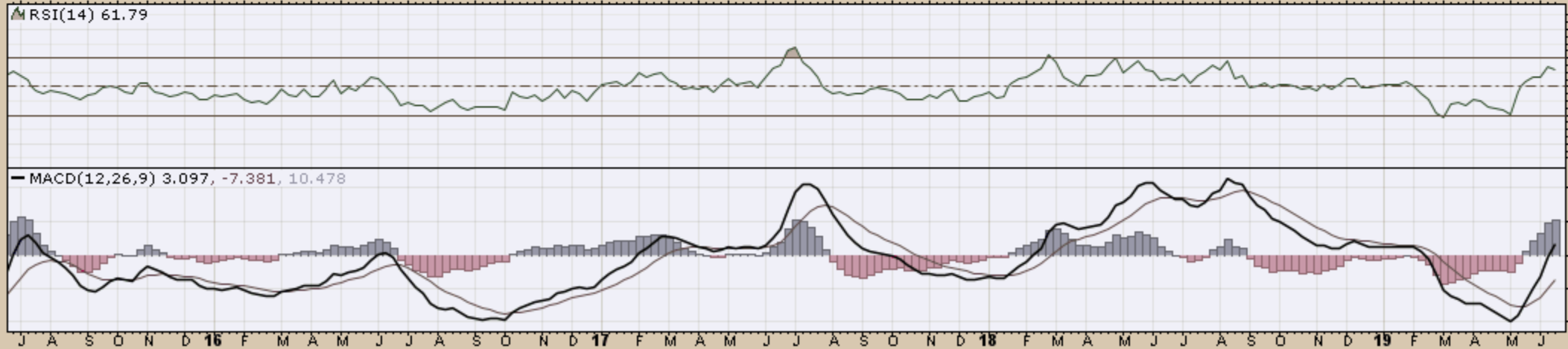
— PIVOTS 328.00, 422.50, 507.75, 602.25, 687.50

### CHART B25. WHEAT, WEEKLY CHART



▲ MRSI(14) 61.79

— MACD(12,26,9) 3.097, -7.381, 10.478

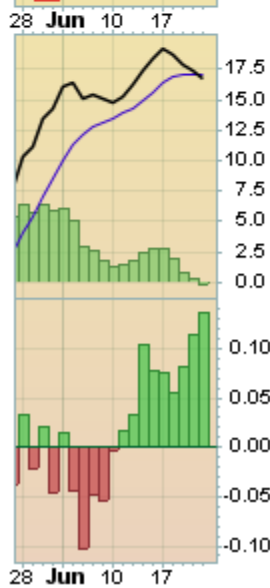
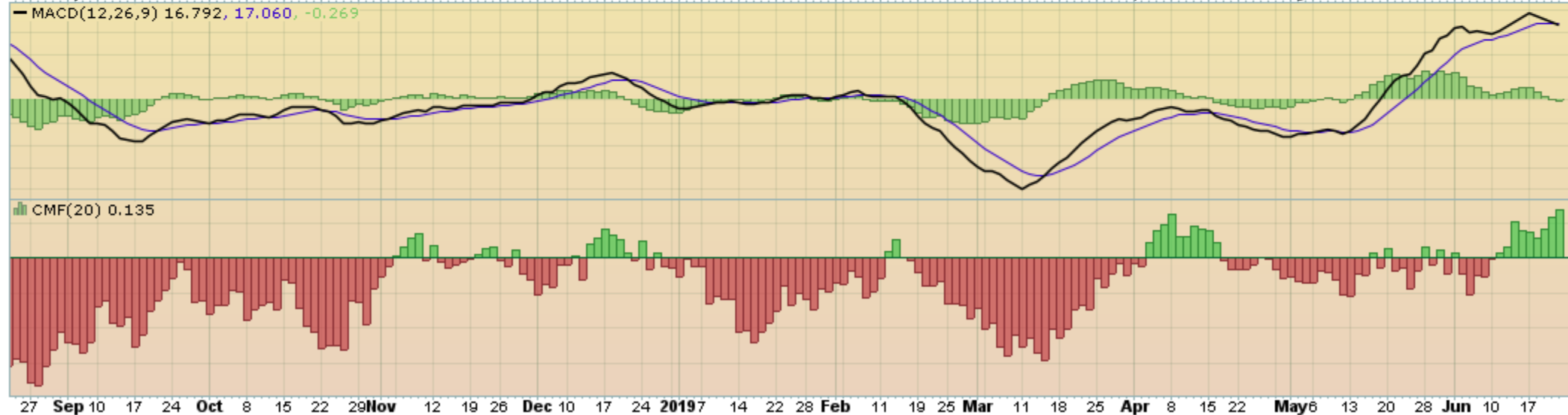


Wheat - Continuous Contract (EOD) (Daily) 530.75

BB(20,2.0) 484.44 - 516.03 - 547.61

PIVOTS 377.83, 440.42, 481.08, 543.67, 584.33

### CHART B26. WHEAT, DAILY CHART



21-Jun-2019

Open 505.75 High 549.25 Low 487.75 Close 530.75 Volume 1.2M Chg +27.75 (+5.52%) ▲

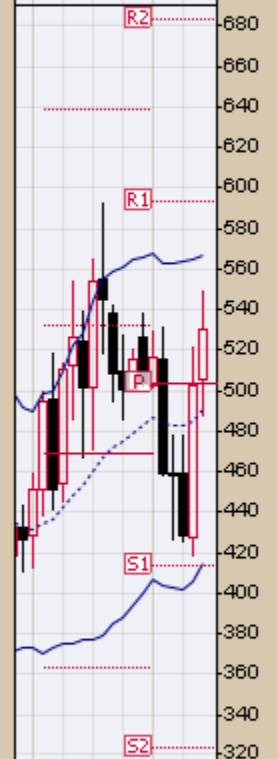
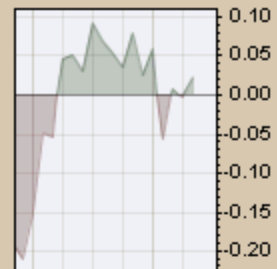
▲ CMF(20) 0.024 (31 May)

📊 \$WHEAT (Monthly) 530.75

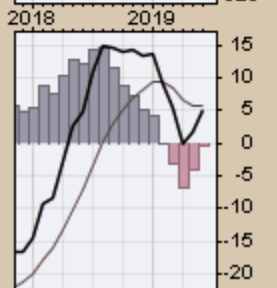
— BB(20,2.0) 415.12 - 490.99 - 566.85

— PIVOTS 323.42, 413.33, 503.17, 593.08, 682.92

### CHART B27. WHEAT, MONTHLY CHART



— MACD(12,26,9) 5.257, 5.678, -0.421



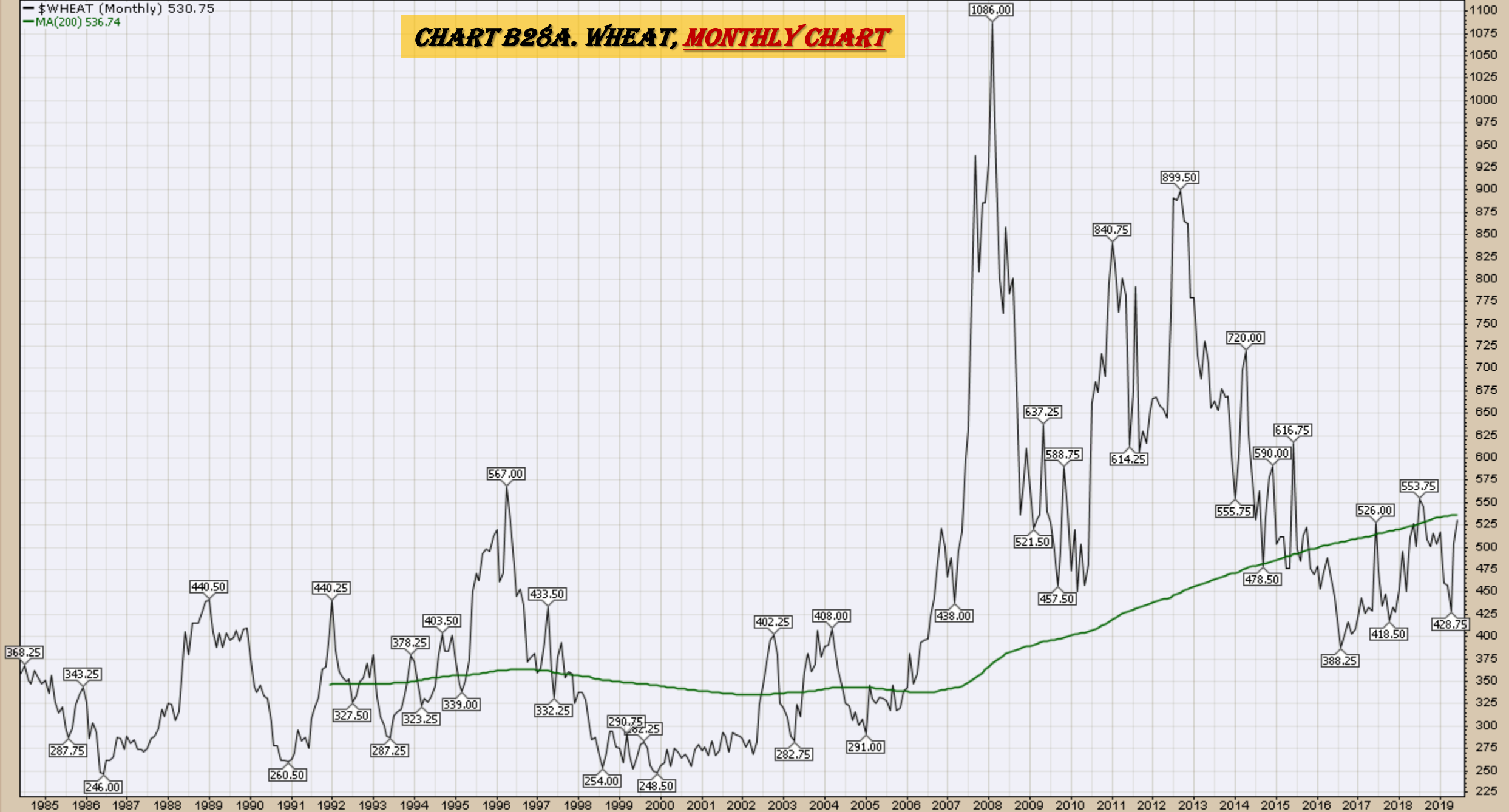
21-Jun-2019

Open 505.75 High 549.25 Low 487.75 Close 530.75 Volume 1.2M Chg +27.75 (+5.52%) ▲

— \$WHEAT (Monthly) 530.75

— MA(200) 536.74

# CHART B28A. WHEAT, MONTHLY CHART



21-Jun-2019

Open 469.50 High 549.25 Low 418.50 Close 530.75 Volume 4.2M Chg +73.00 (+15.95%) ▲

MACD(12,26,9) -24.927, -33.352, 8.425

### CHART B28B. WHEAT, QUARTERLY CHART

\$WHEAT (Quarterly) 530.75

MA(50) 594.66

MA(200) undef

EMA(20) 504.76



RSI(14) 51.05





# *S&P Sectors*

## Sector Chart Book Index

### Market Outlook Considerations for Week Beginning June 24, 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

XLF Financial Select Sector SPDR Fund NYSE

21-Jun-2019

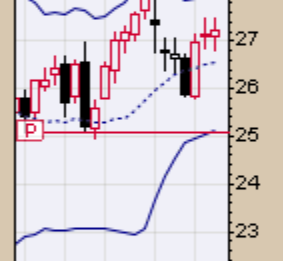
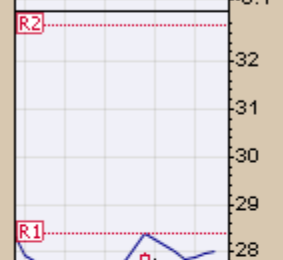
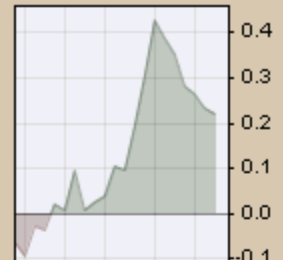
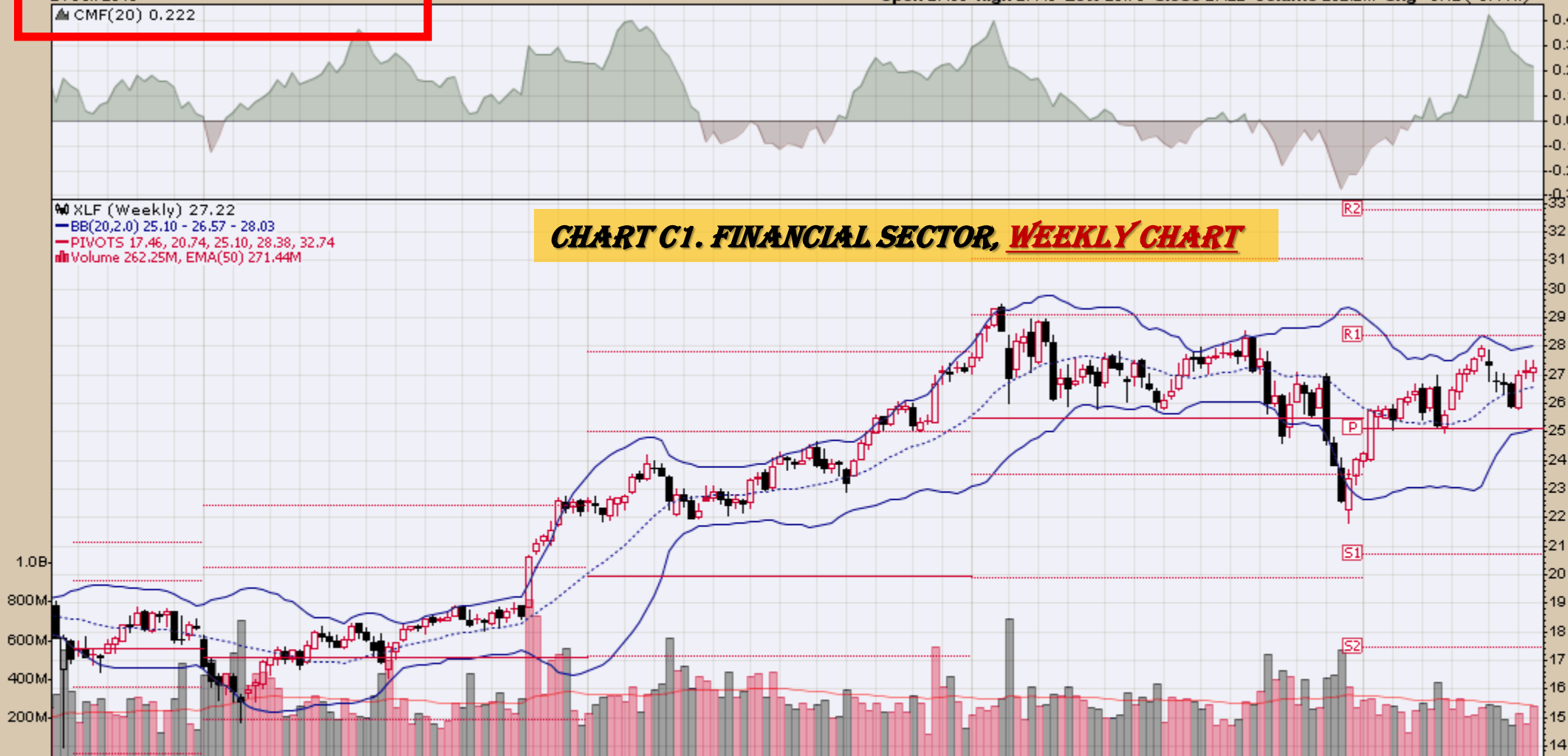
▲ CMF(20) 0.222

Open 27.09 High 27.48 Low 26.79 Close 27.22 Volume 262.2M Chg +0.12 (+0.44%) ▲

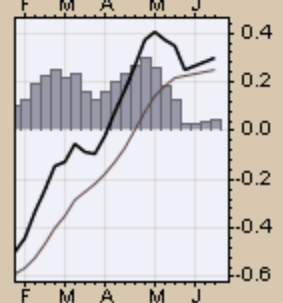
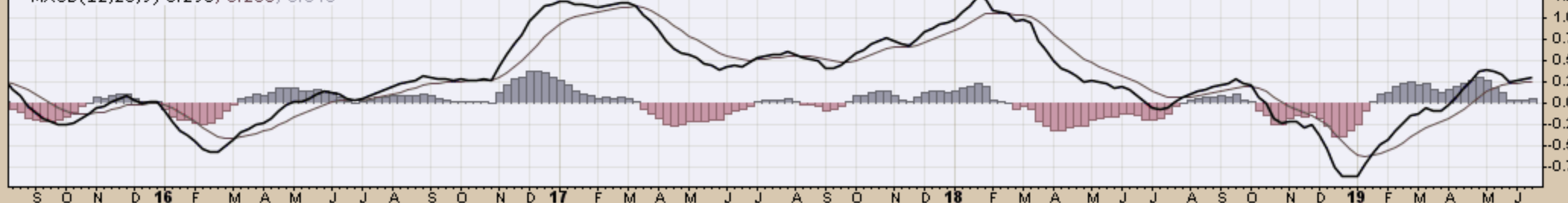
© StockCharts.com

XLF (Weekly) 27.22  
BB(20,2,0) 25.10 - 26.57 - 28.03  
PIVOTS 17.46, 20.74, 25.10, 28.38, 32.74  
Volume 262.25M, EMA(50) 271.44M

### CHART C1. FINANCIAL SECTOR, WEEKLY CHART

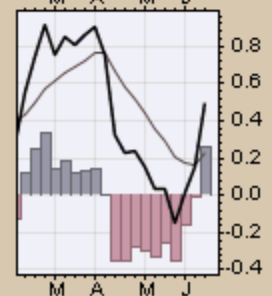
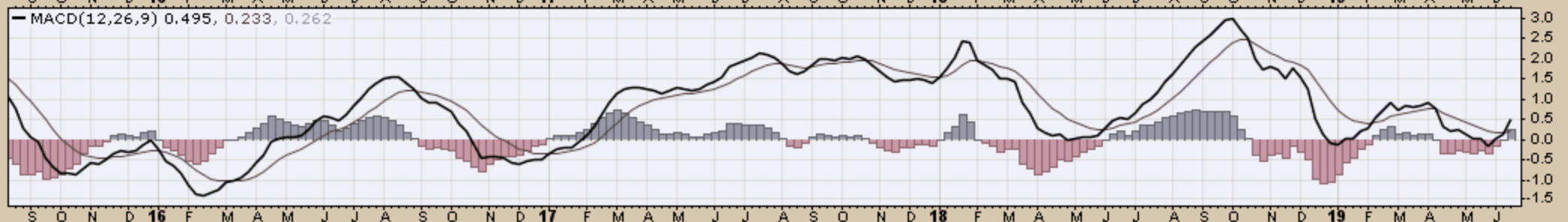
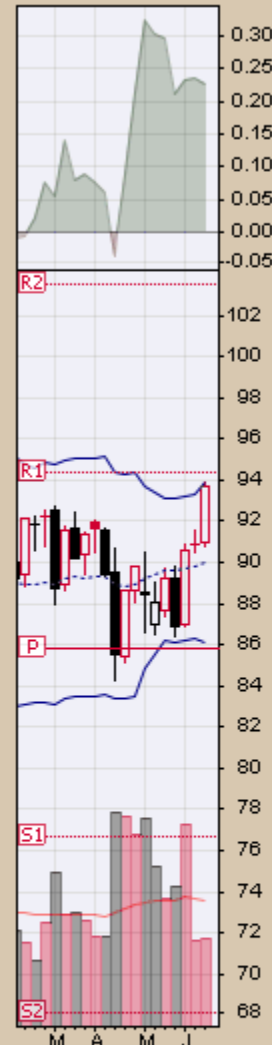


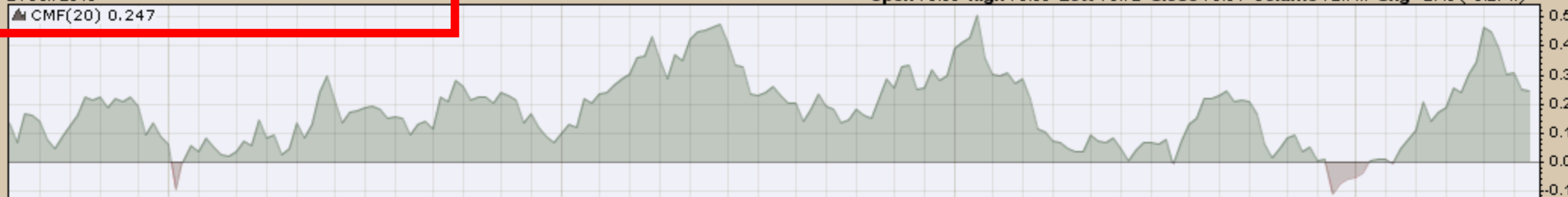
MACD(12,26,9) 0.298, 0.253, 0.045



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

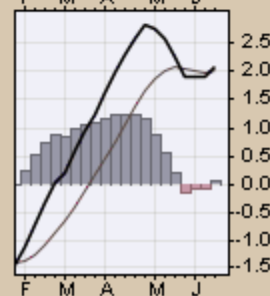
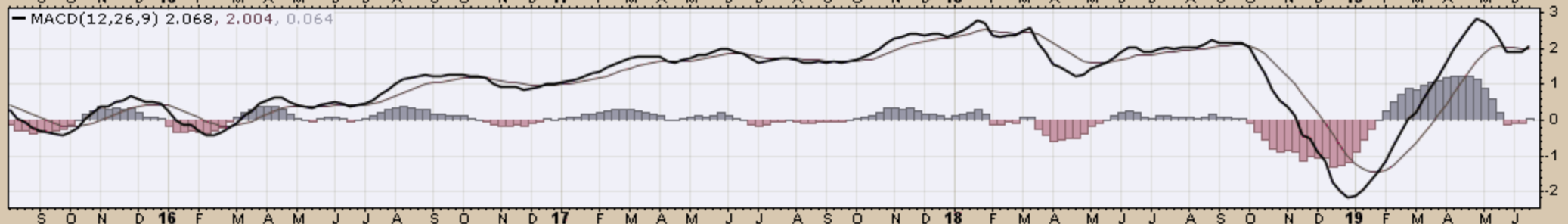
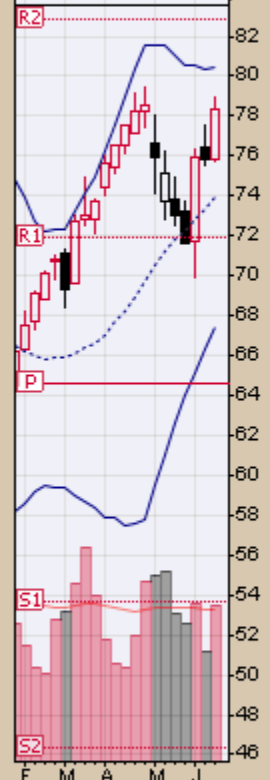
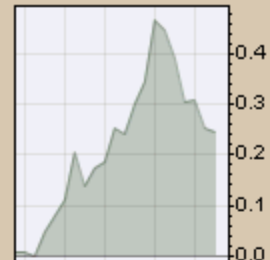
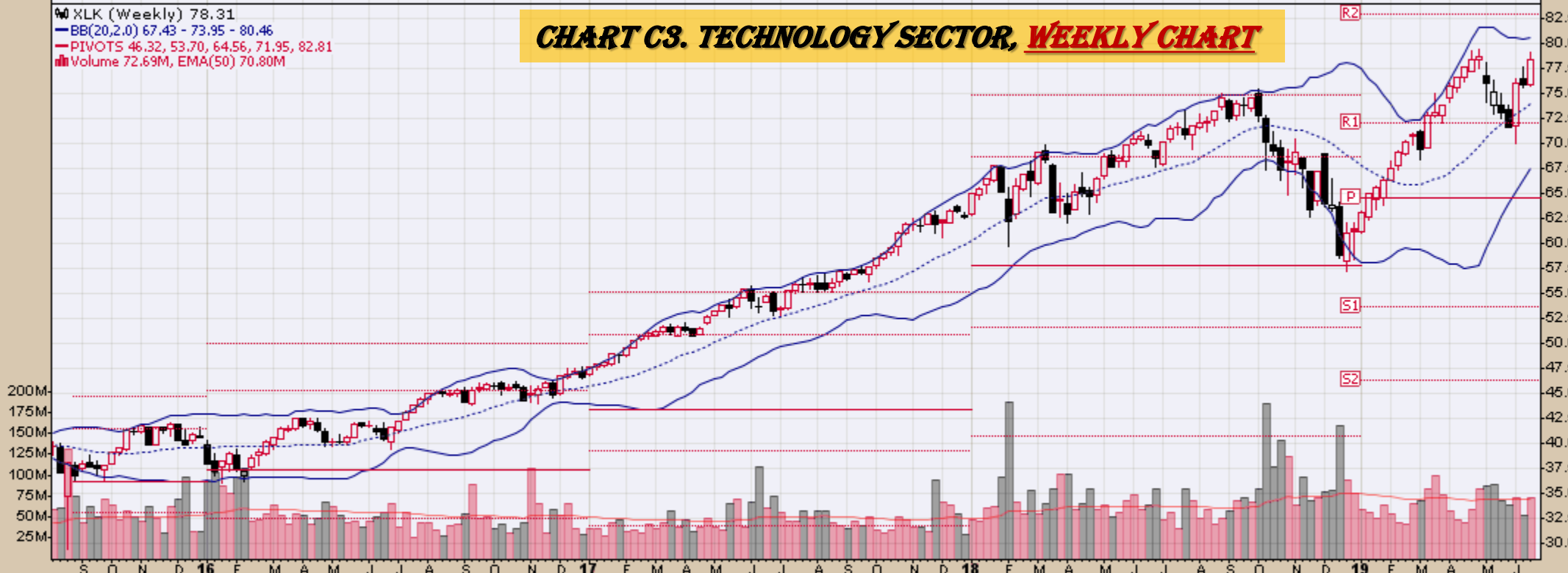
XLV (Weekly) 93.73  
BB(20,2,0) 86.13 - 90.01 - 93.89  
PIVOTS 68.08, 76.68, 85.77, 94.37, 103.47  
Volume 38.22M, EMA(50) 54.98M





▲ XLK (Weekly) 78.31  
 — BB(20,2.0) 67.43 - 73.95 - 80.46  
 — PIVOTS 46.32, 53.70, 64.56, 71.95, 82.81  
 ■ Volume 72.69M, EMA(50) 70.80M

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



XLI Industrial Select Sector SPDR Fund NYSE

21-Jun-2019

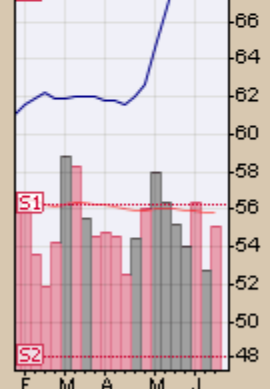
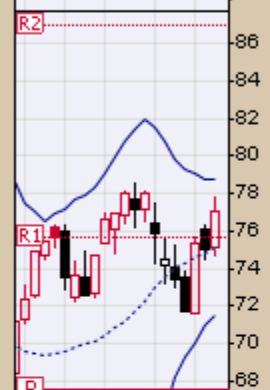
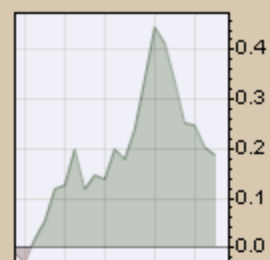
CMF(20) 0.188

Open 75.12 High 77.81 Low 74.76 Close 77.08 Volume 57.6M Chg +2.00 (+2.66%)

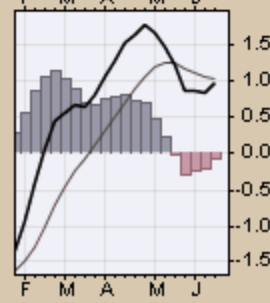
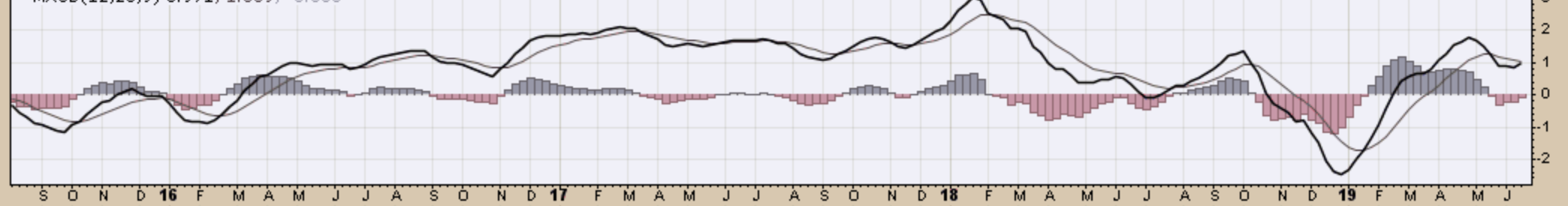
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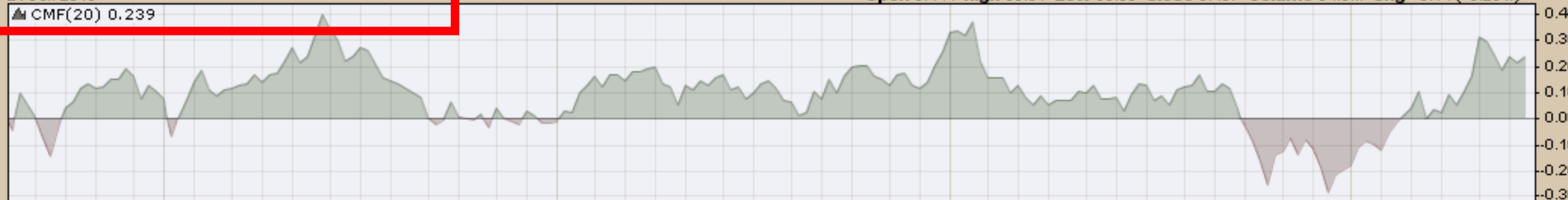
### CHART C4. INDUSTRIAL SECTOR, WEEKLY CHART

XLI (Weekly) 77.08  
BB(20,2,0) 71.54 - 75.15 - 78.75  
PIVOTS 48.10, 56.30, 67.52, 75.71, 86.93  
Volume 57.62M, EMA(50) 63.17M



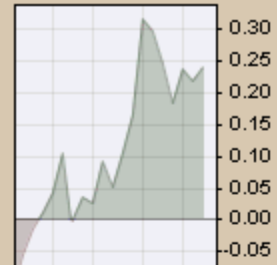
MACD(12,26,9) 0.971, 1.039, -0.068



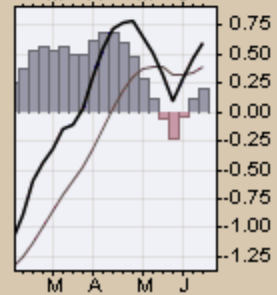
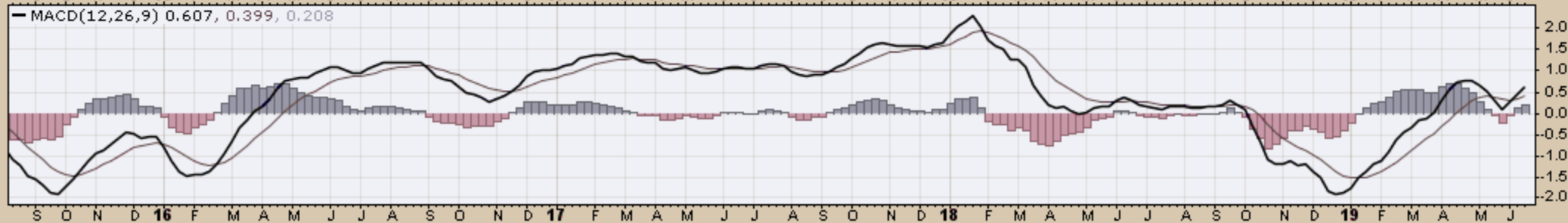


▲ XLB (Weekly) 57.67  
 — BB(20,2.0) 51.87 - 55.37 - 58.86  
 — PIVOTS 37.49, 44.12, 53.20, 59.83, 68.91  
 ■ Volume 34.30M, EMA(50) 37.04M

**CHART C5. MATERIALS SECTOR, WEEKLY CHART**



— MACD(12,26,9) 0.607, 0.399, 0.208



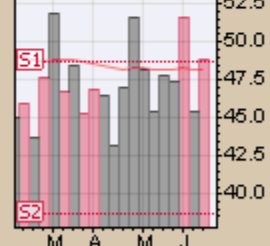
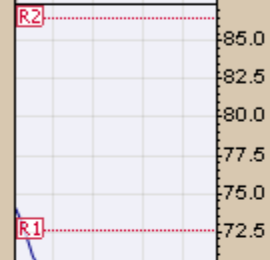
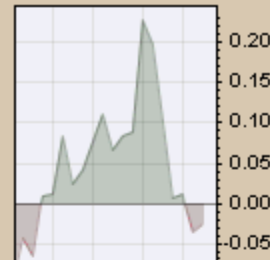
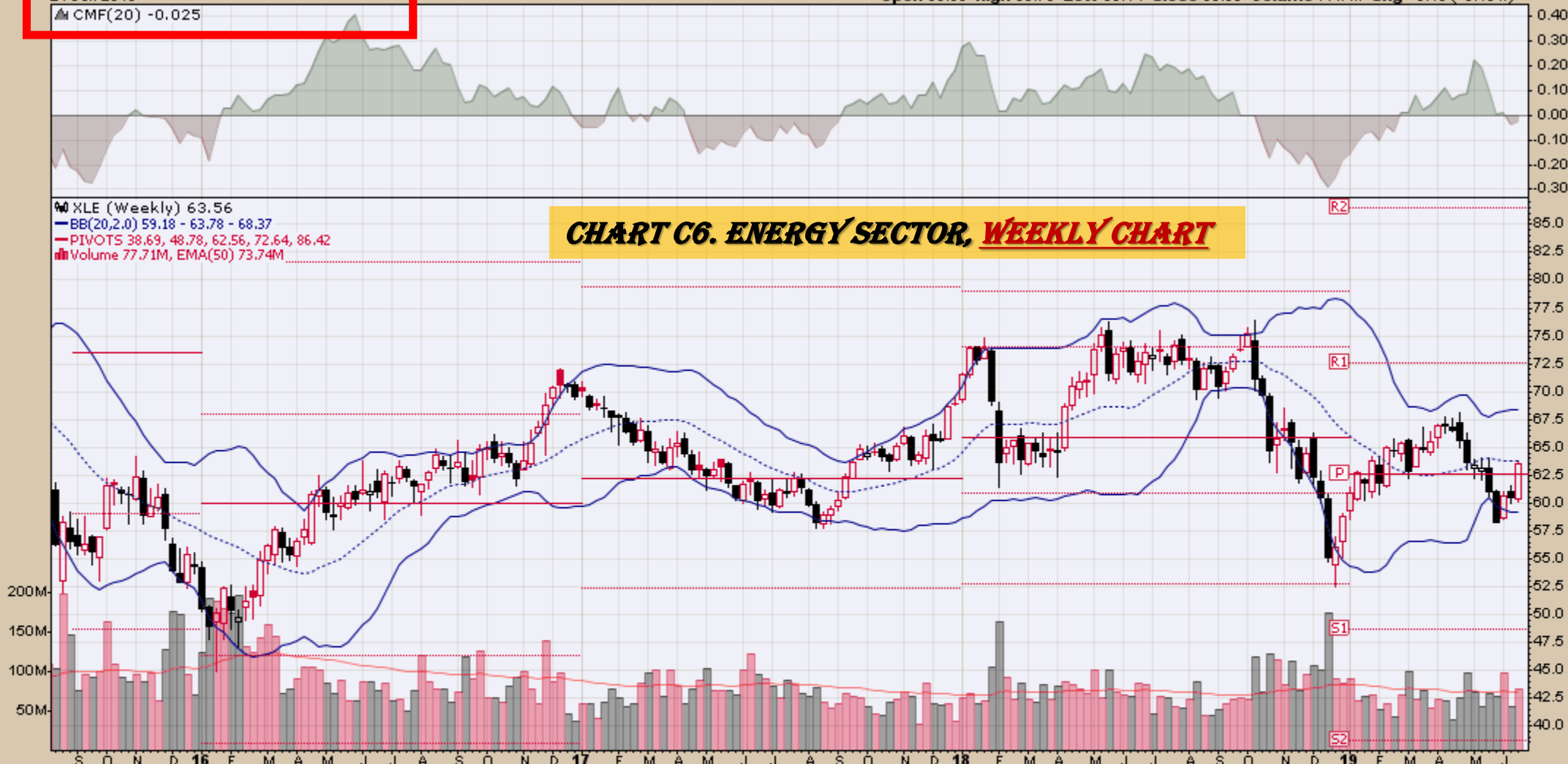
**CHART C6. ENERGY SECTOR, WEEKLY CHART**

XLE (Weekly) 63.56

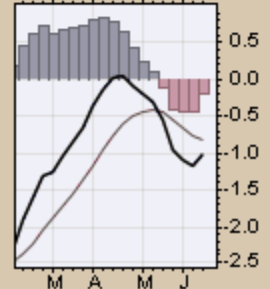
BB(20,2,0) 59.18 - 63.78 - 68.37

PIVOTS 38.69, 48.78, 62.56, 72.64, 86.42

Volume 77.71M, EMA(50) 73.74M



MACD(12,26,9) -1.002, -0.806, -0.196





XLU Utilities Select Sector SPDR Fund NYSE

21-Jun-2019

CMF(20) 0.446

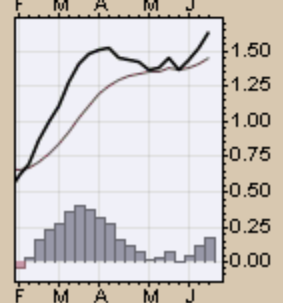
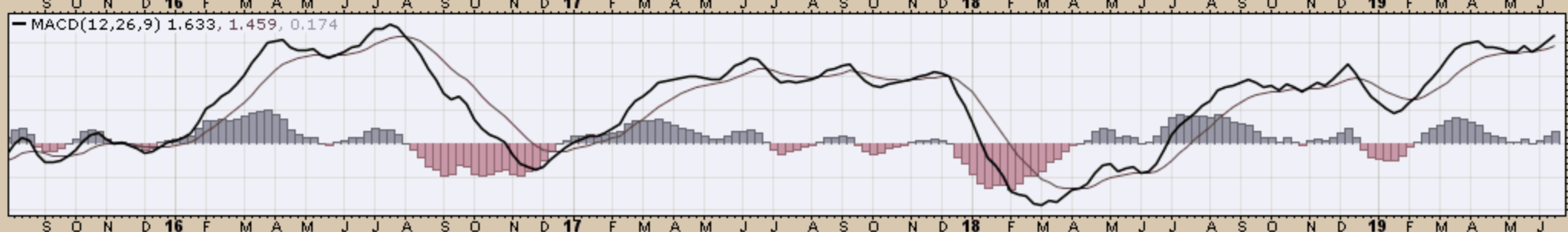
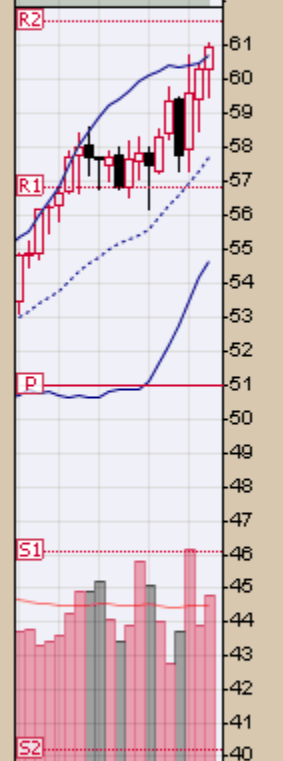
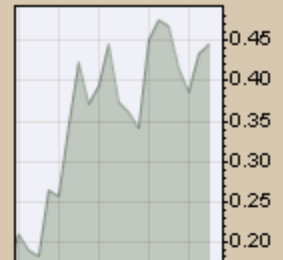
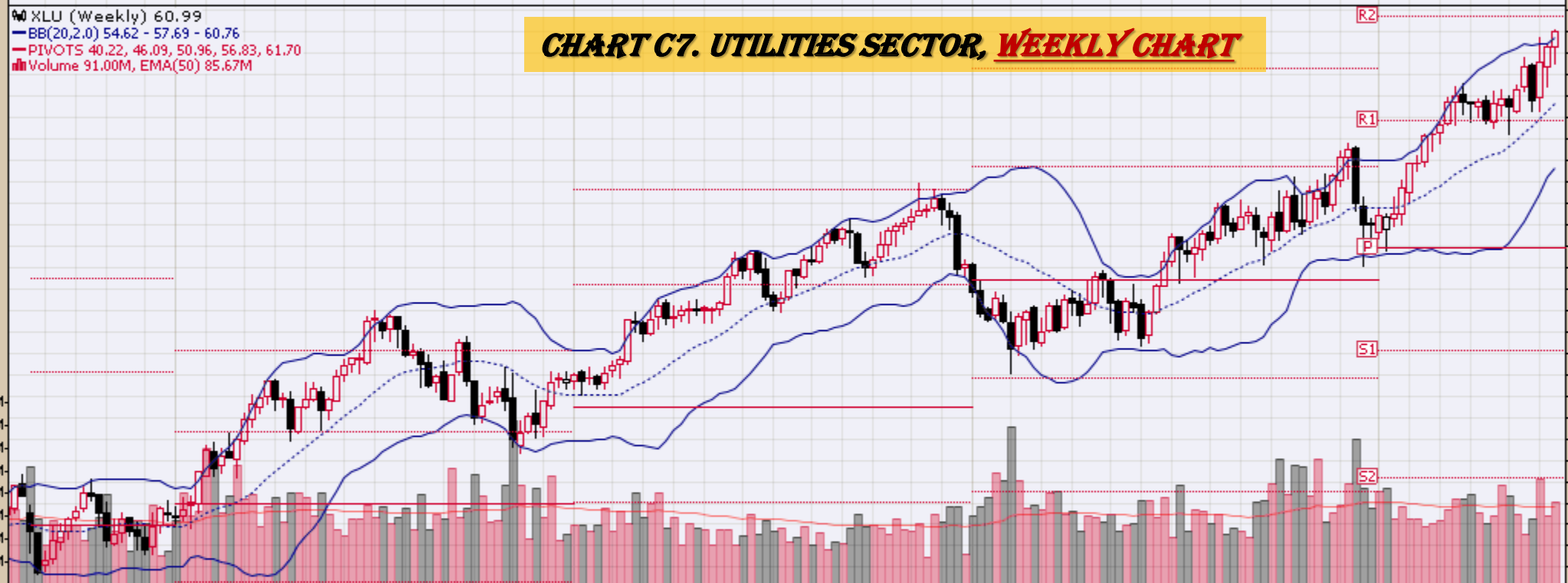
Open 60.33 High 61.10 Low 59.50 Close 60.99 Volume 91.0M Chg +0.66 (+1.10%)

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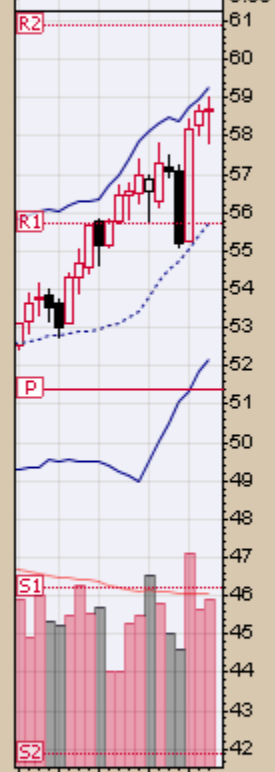
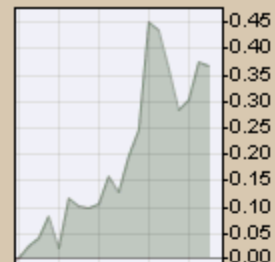
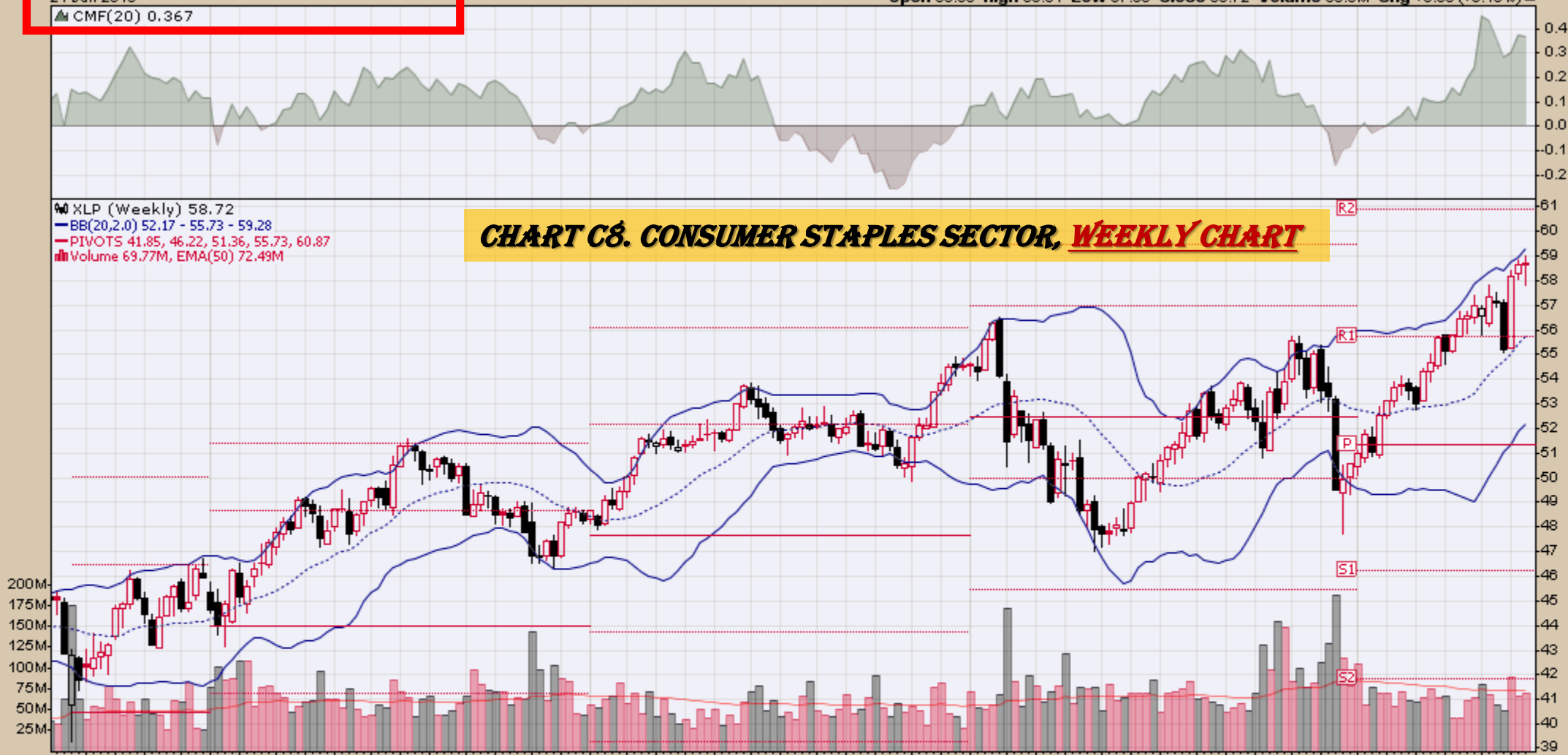
XLU (Weekly) 60.99  
 BB(20,2.0) 54.62 - 57.69 - 60.76  
 PIVOTS 40.22, 46.09, 50.96, 56.83, 61.70  
 Volume 91.00M, EMA(50) 85.67M

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

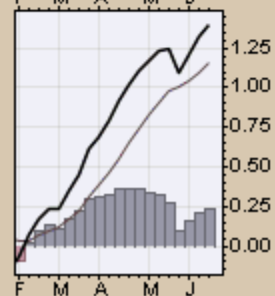


### CHART C8. CONSUMER STAPLES SECTOR, WEEKLY CHART

XLP (Weekly) 58.72  
BB(20,2.0) 52.17 - 55.73 - 59.28  
PIVOTS 41.85, 46.22, 51.36, 55.73, 60.87  
Volume 69.77M, EMA(50) 72.49M



MACD(12,26,9) 1.389, 1.154, 0.235



XLY Consumer Discretionary Select Sector SPDR Fund NYSE

21-Jun-2019

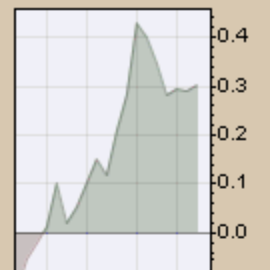
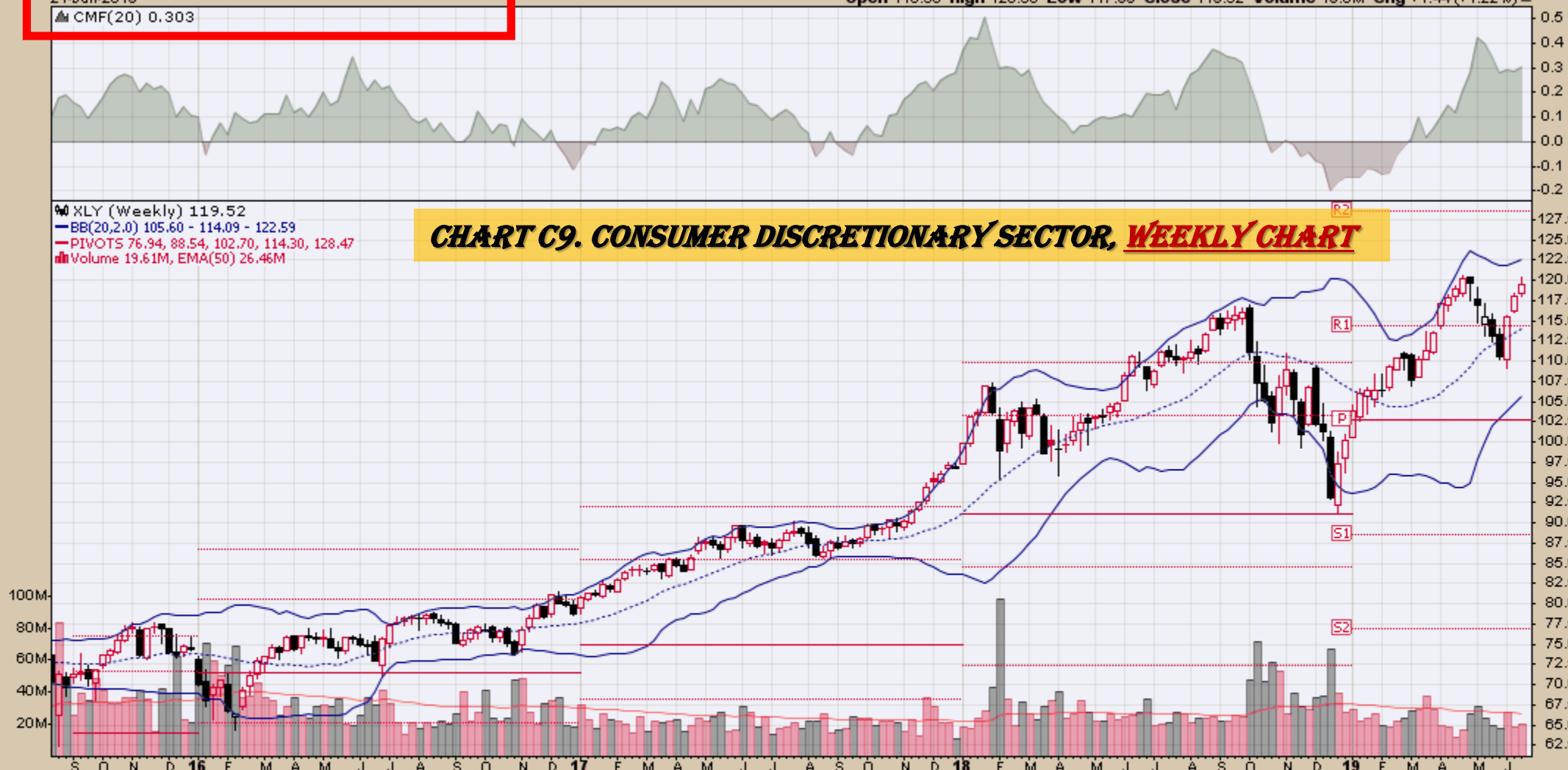
CMF(20) 0.303

Open 118.30 High 120.38 Low 117.99 Close 119.52 Volume 19.6M Chg +1.44 (+1.22%) ▲

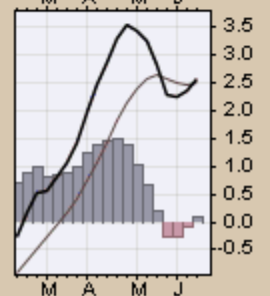
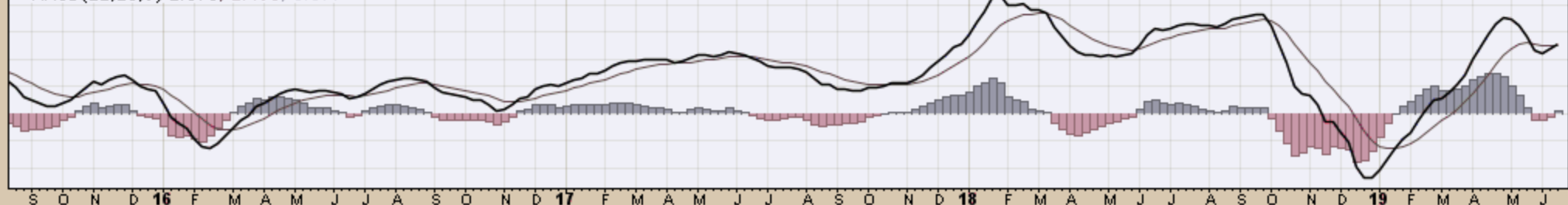
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XLY (Weekly) 119.52  
BB(20,2.0) 105.60 - 114.09 - 122.59  
PIVOTS 76.94, 88.54, 102.70, 114.30, 128.47  
Volume 19.61M, EMA(50) 26.46M

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



MACD(12,26,9) 2.570, 2.493, 0.077



# *Commodity ETFs*

## Commodity ETFs Book Index

### Market Outlook Considerations for Week Beginning June 24, 2019

#### 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

### Market Outlook Considerations for Week Beginning June 24, 2019

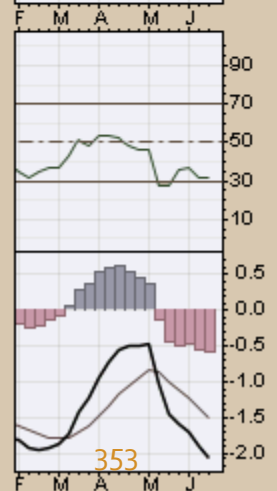
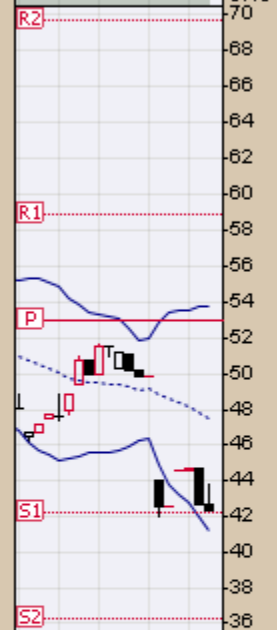
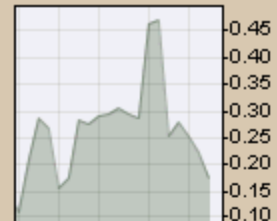
#### Chart Book Index – Commodity ETFs

- 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

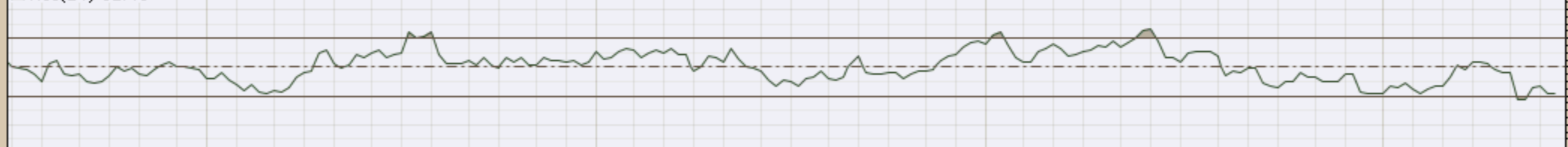
Continued Next Slide

▲ BALTF (Weekly) 42.41  
— BB(20,2,0) 41.28 - 47.53 - 53.79  
— PIVOTS 36.31, 42.26, 52.96, 58.91, 69.61

### CHART D1. COTTON, WEEKLY CHART



▲ RSI(14) 31.48

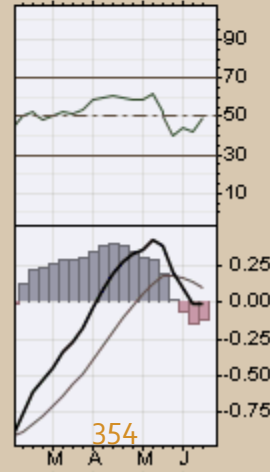
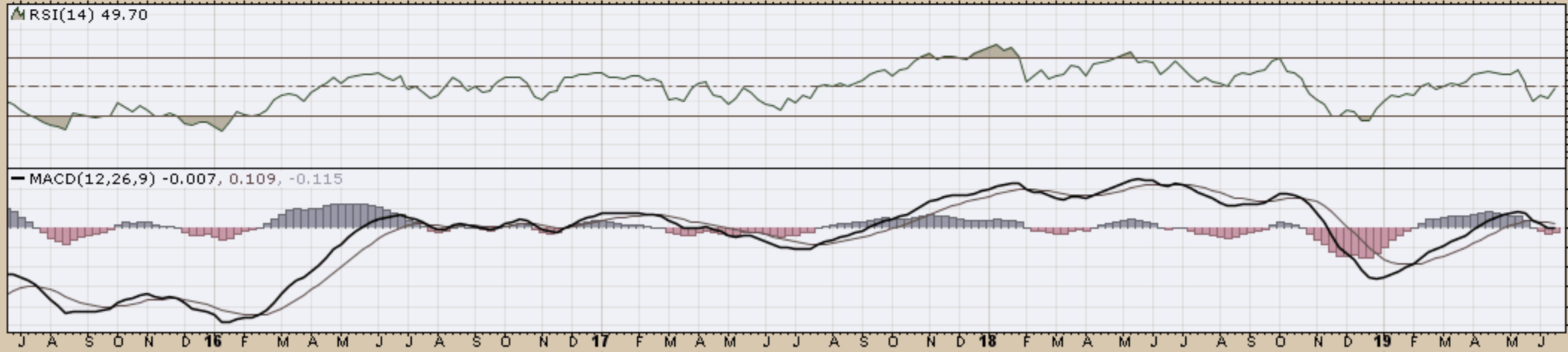
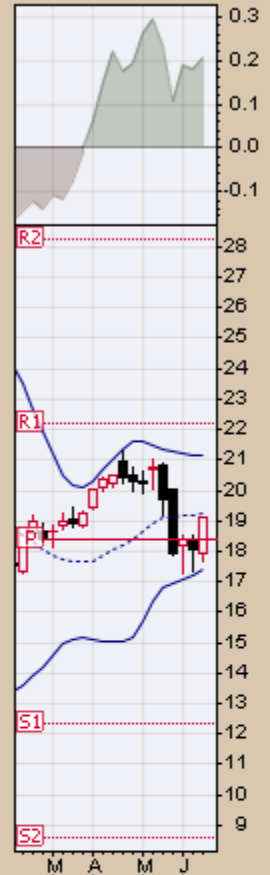
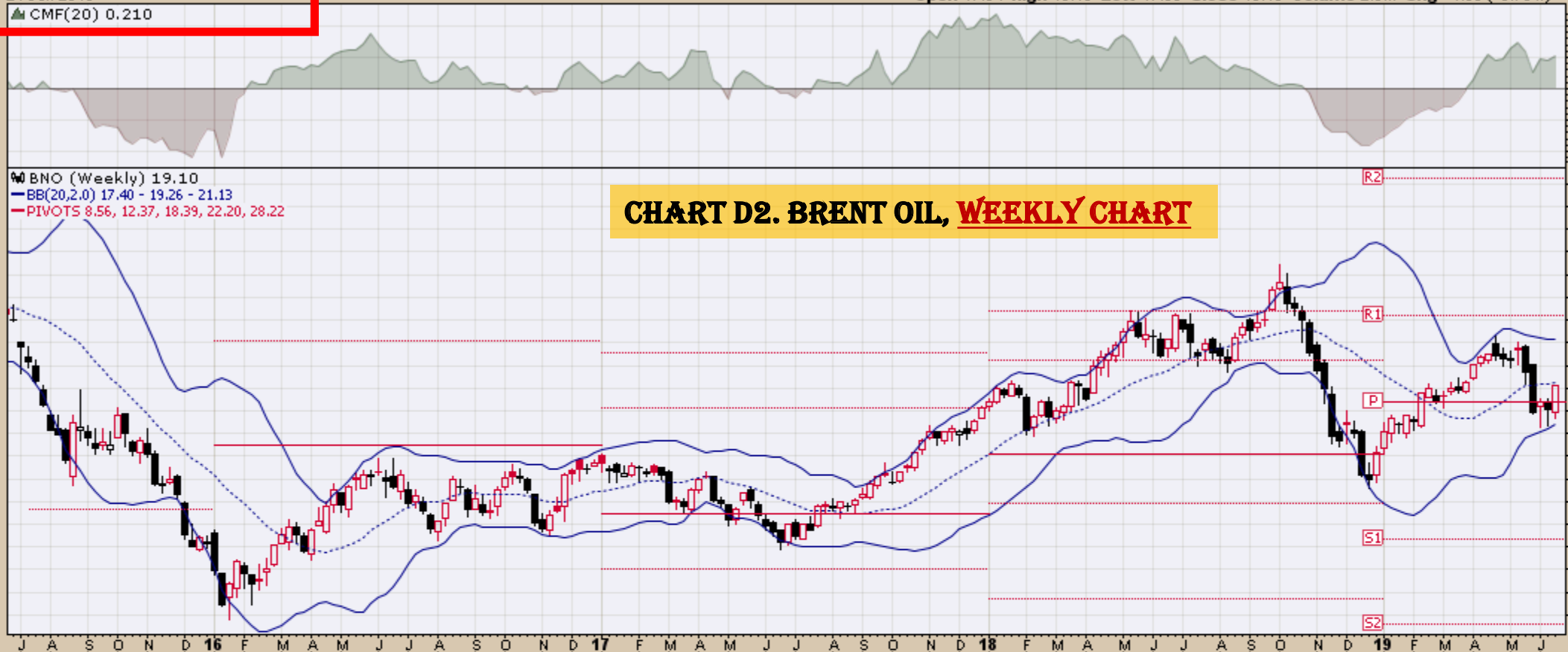


— MACD(12,26,9) -2.072, -1.500, -0.572



▲ BNO (Weekly) 19.10  
— BB(20,2,0) 17.40 - 19.26 - 21.13  
— PIVOTS 8.56, 12.37, 18.39, 22.20, 28.22

**CHART D2. BRENT OIL, WEEKLY CHART**



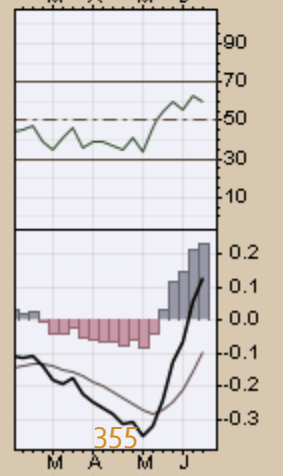
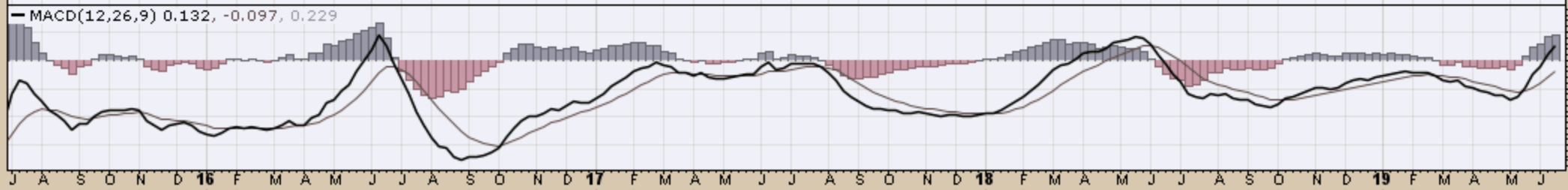


▲ CORN (Weekly) 17.02  
— BB(20,2,0) 14.52 - 15.83 - 17.13  
— PIVOTS 13.59, 14.99, 16.80, 18.20, 20.01

**CHART D3. CORN, WEEKLY CHART**

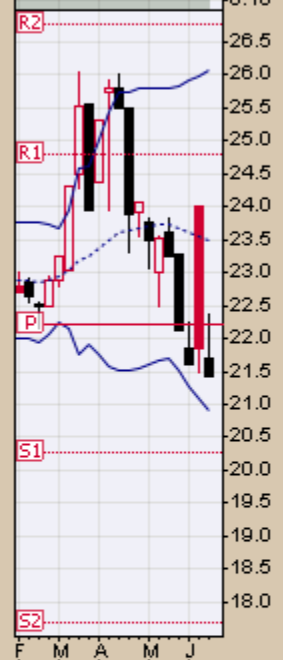
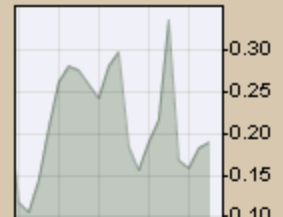


J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A M J



# CHART D4. LIVESTOCK, WEEKLY CHART

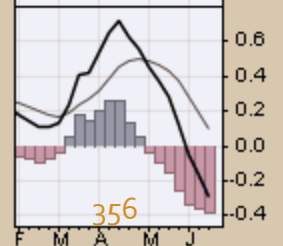
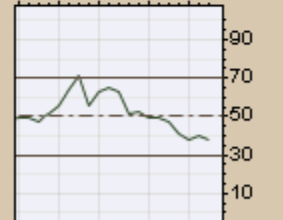
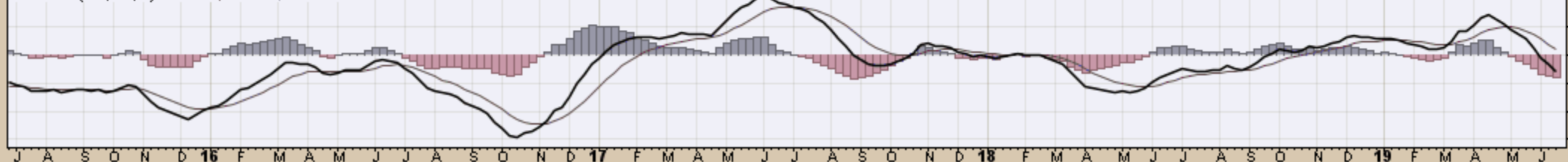
COWTF (Weekly) 21.44  
BB(20,2,0) 20.90 - 23.48 - 26.07  
PIVOTS 17.67, 20.26, 22.21, 24.80, 26.75



MRSI(14) 37.99

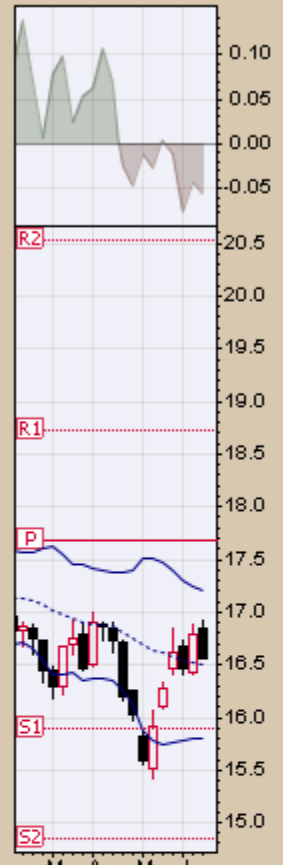


MACD(12,26,9) -0.284, 0.100, -0.384

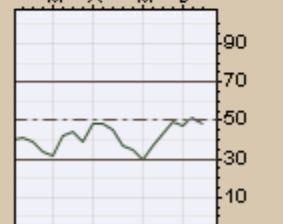
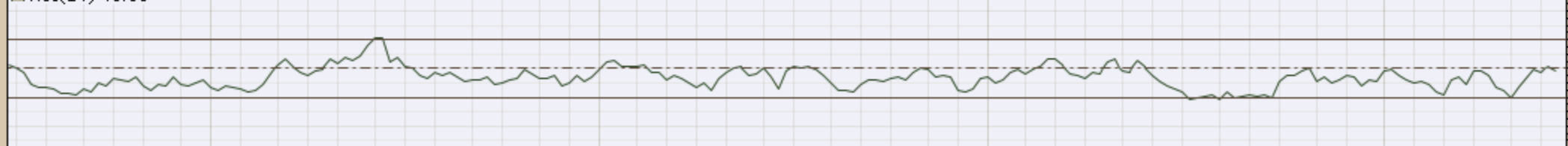


### CHART D5. AGRICULTURE, WEEKLY CHART

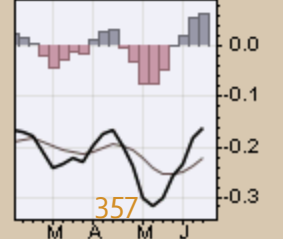
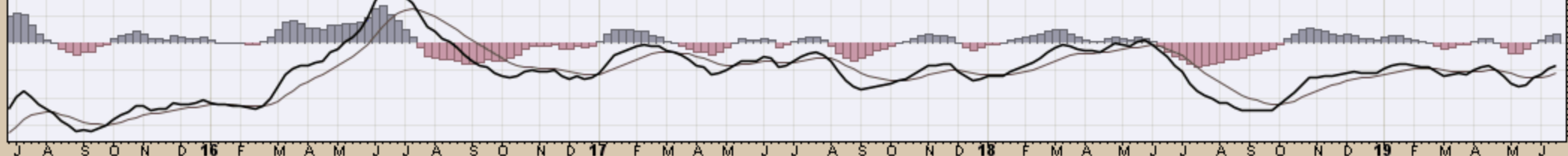
DBA (Weekly) 16.57  
BB(20,2,0) 15.80 - 16.50 - 17.20  
PIVOTS 14.84, 15.89, 17.68, 18.73, 20.52



▲ RSI(14) 48.80



MACD(12,26,9) -0.160, -0.220, 0.061

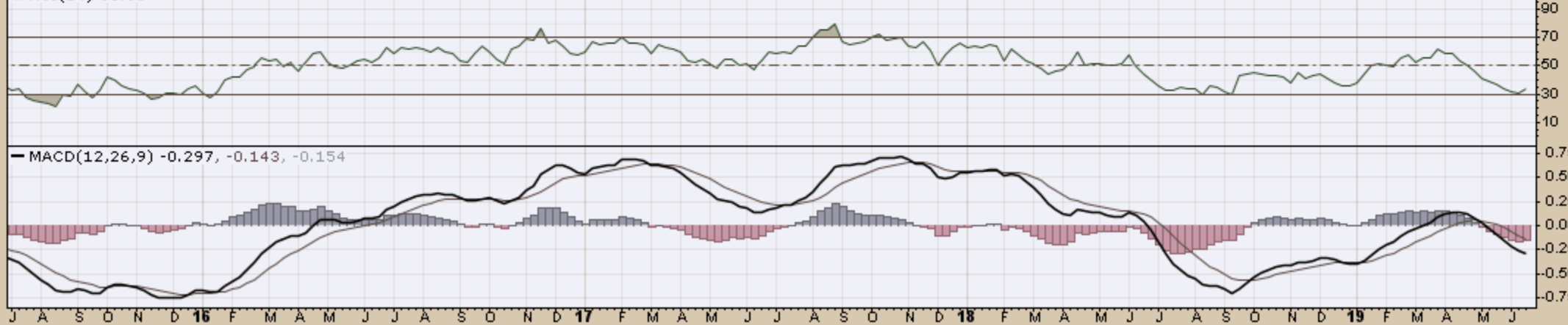


DBB (Weekly) 15.19  
BB(20,2.0) 14.93 - 16.18 - 17.42  
PIVOTS 11.92, 13.66, 16.65, 18.39, 21.37

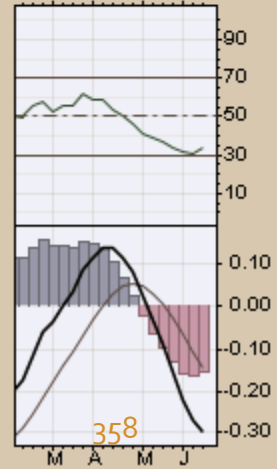
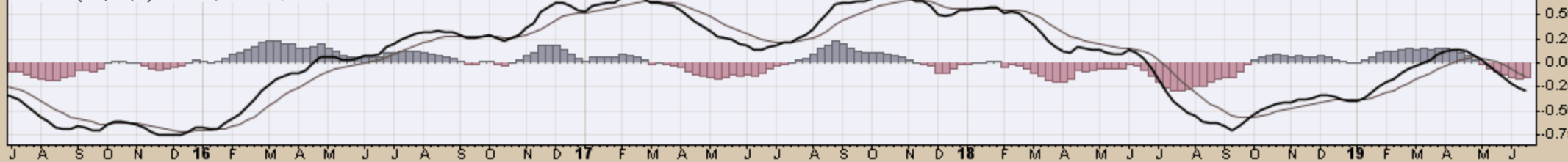
### CHART D6. BASE METALS, WEEKLY CHART



▲ RSI(14) 33.53



MACD(12,26,9) -0.297, -0.143, -0.154





▲ DBC (Weekly) 15.70  
 — BB(20,2,0) 15.15 - 15.79 - 16.43  
 — PIVOTS 11.77, 13.31, 15.86, 17.40, 19.95

**CHART D7. COMMODITY INDEX, WEEKLY CHART**

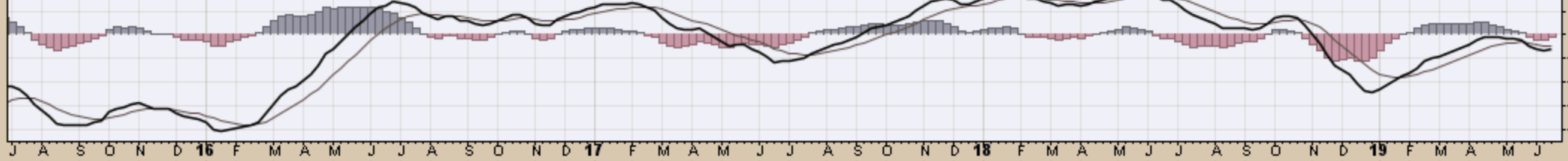


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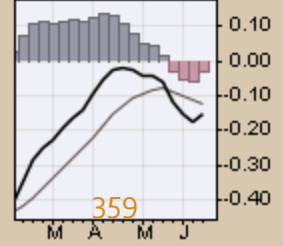
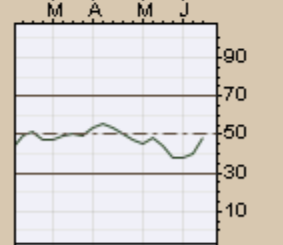
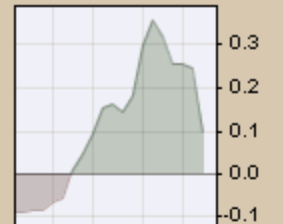
▲ RSI(14) 48.59



— MACD(12,26,9) -0.153, -0.122, -0.031

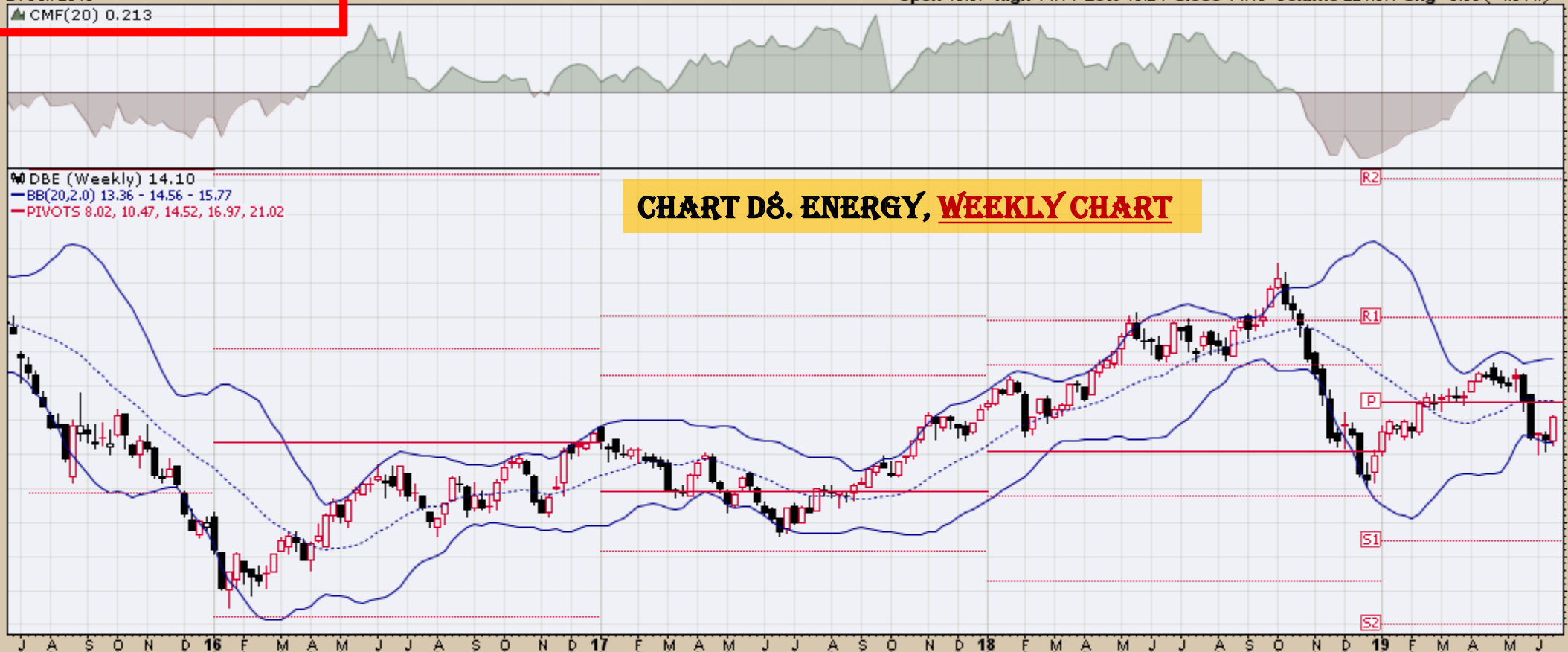


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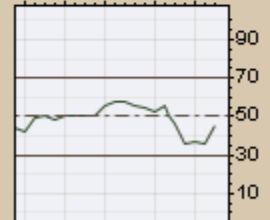
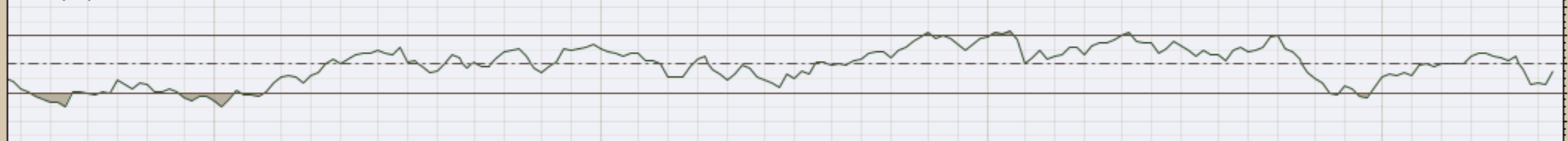


# CHART D8. ENERGY, WEEKLY CHART

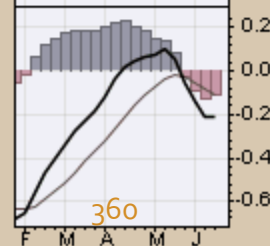
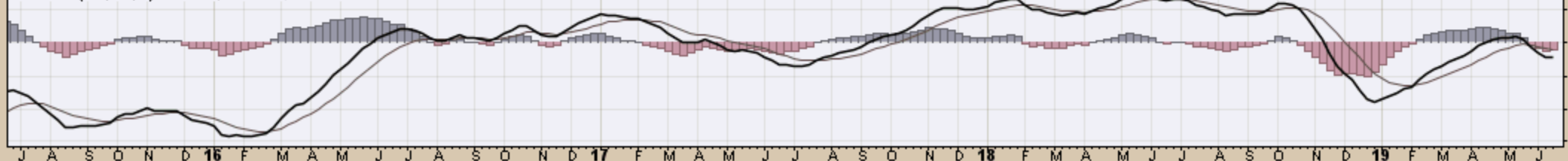
DBE (Weekly) 14.10  
BB(20,2.0) 13.36 - 14.56 - 15.77  
PIVOTS 8.02, 10.47, 14.52, 16.97, 21.02

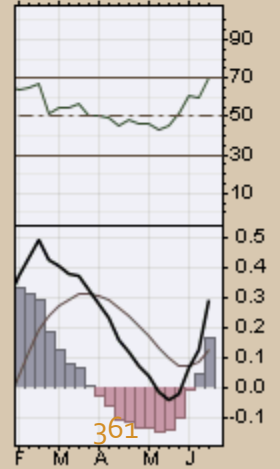
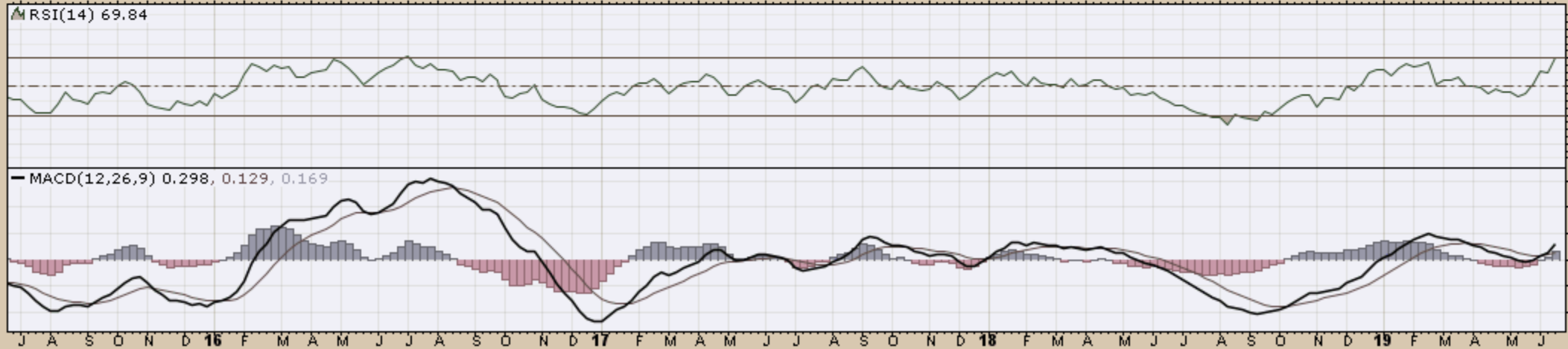
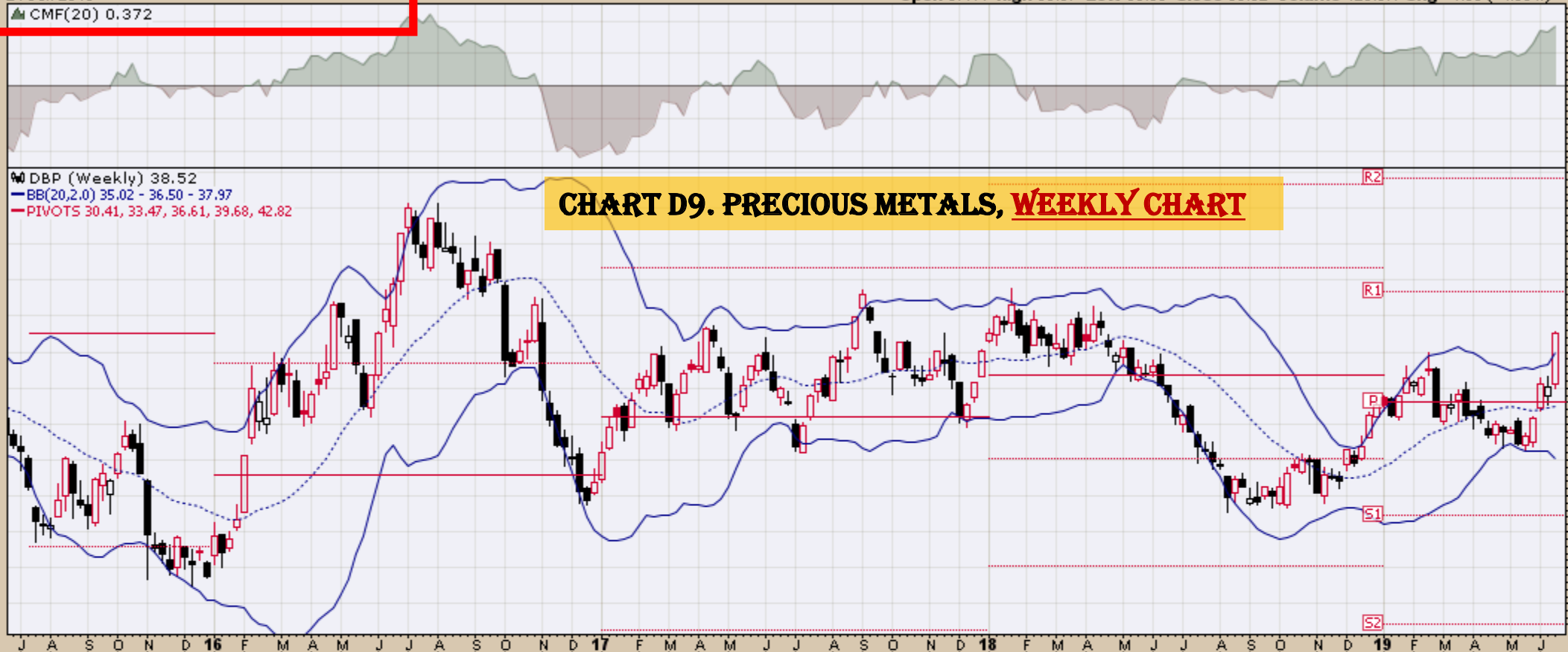


▲ RSI(14) 45.26



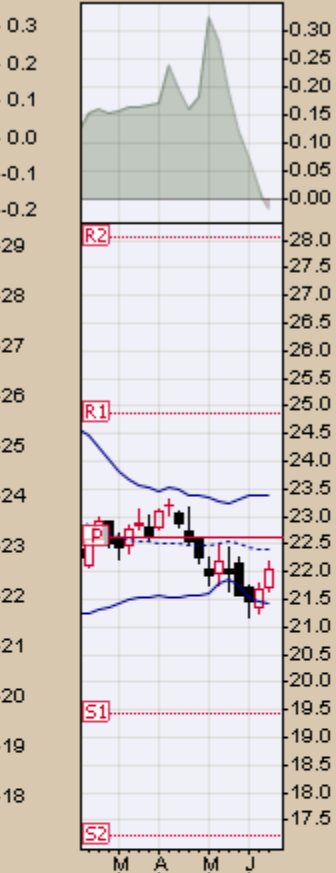
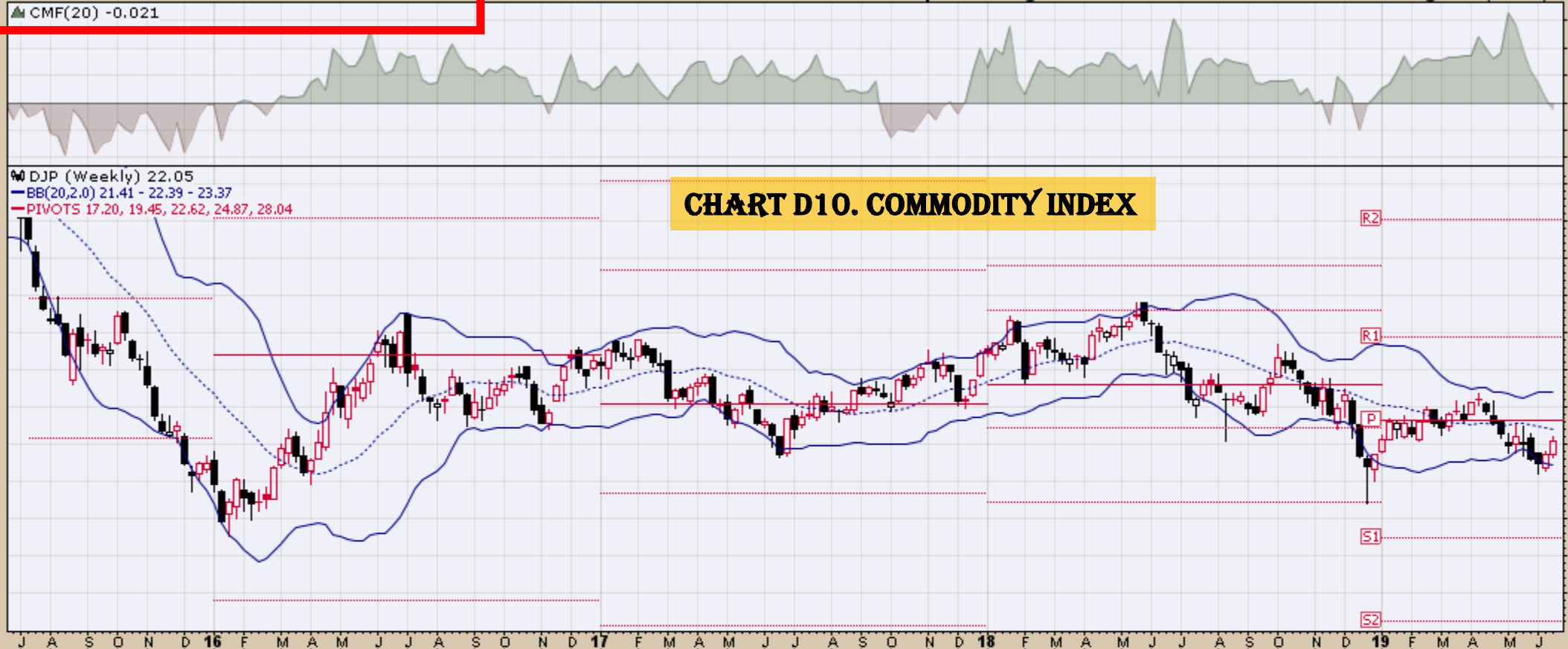
MACD(12,26,9) -0.216, -0.110, -0.106



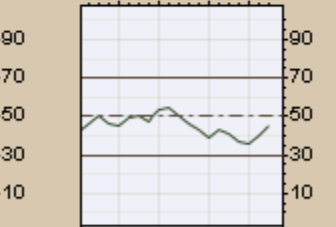


# CHART D10. COMMODITY INDEX

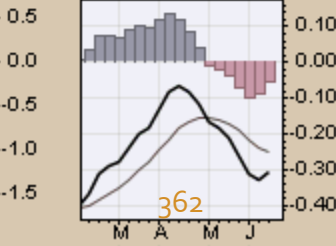
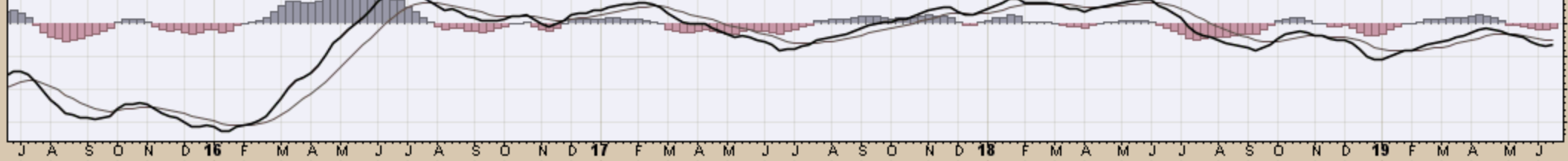
DJP (Weekly) 22.05  
BB(20,2.0) 21.41 - 22.39 - 23.37  
PIVOTS 17.20, 19.45, 22.62, 24.87, 28.04



MRSI(14) 45.17



MACD(12,26,9) -0.305, -0.250, -0.055





GLD SPDR Gold Shares NYSE

21-Jun-2019

▲ CMF(20) 0.158

Open 126.70 High 132.17 Low 126.17 Close 131.98 Volume 60.4M Chg +5.42 (+4.28%) ▲

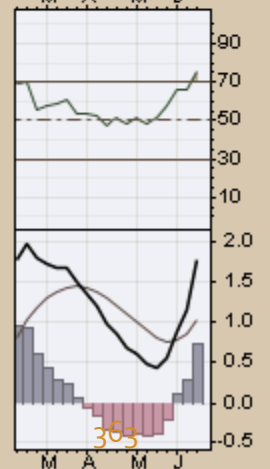
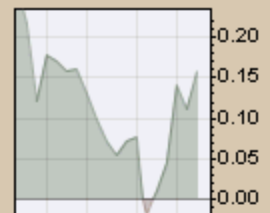
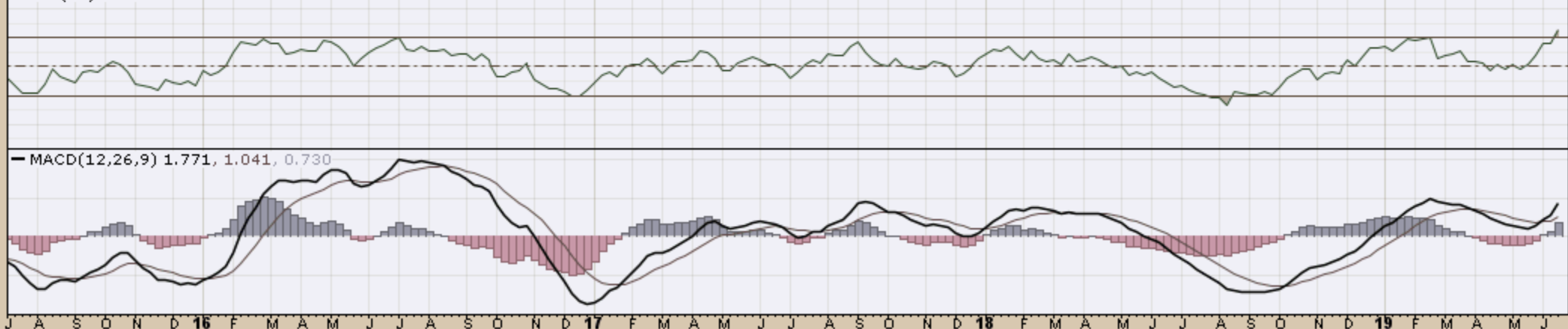
© StockCharts.com

### CHART D11. GOLD, WEEKLY CHART

GLD (Weekly) 131.98  
BB(20,2,0) 117.89 - 123.31 - 128.73  
PIVOTS 102.22, 111.83, 120.67, 130.28, 139.13



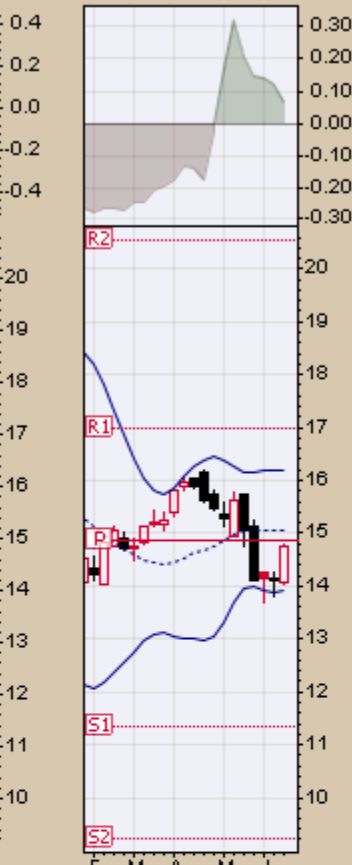
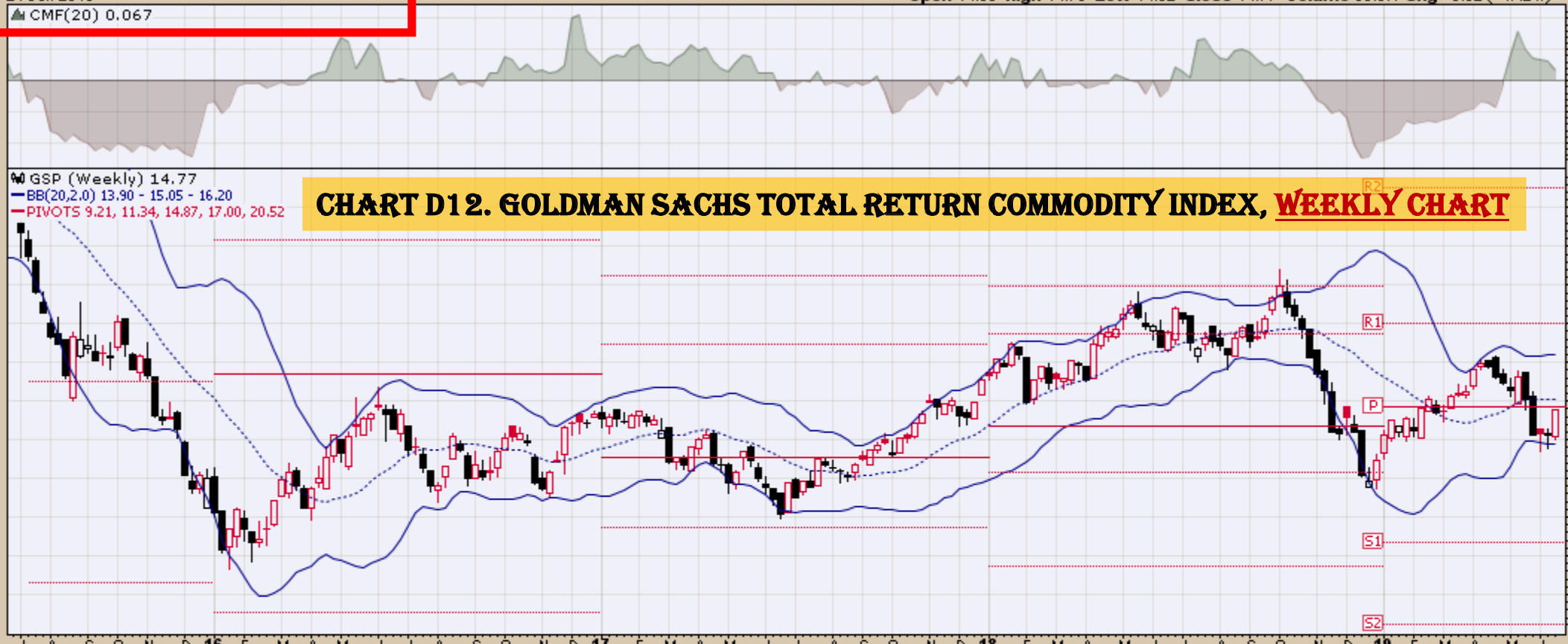
▲ RSI(14) 75.25



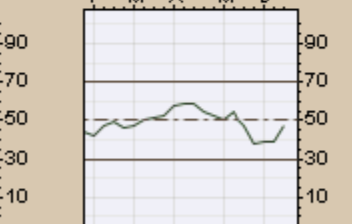
363

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

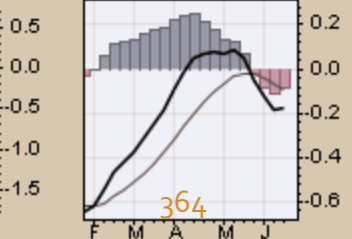
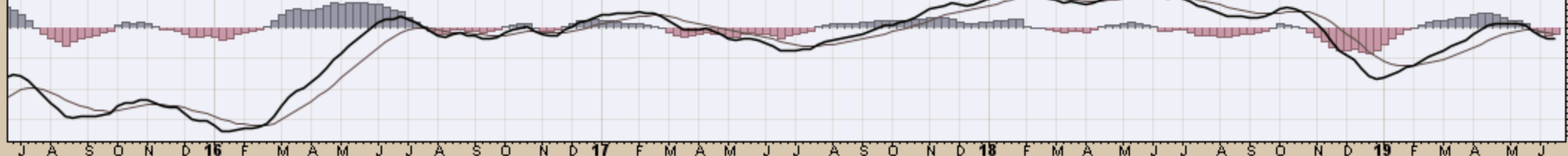
W GSP (Weekly) 14.77  
BB(20,2,0) 13.90 - 15.05 - 16.20  
PIVOTS 9.21, 11.34, 14.87, 17.00, 20.52



▲ RSI(14) 47.02



MACD(12,26,9) -0.173, -0.090, -0.083



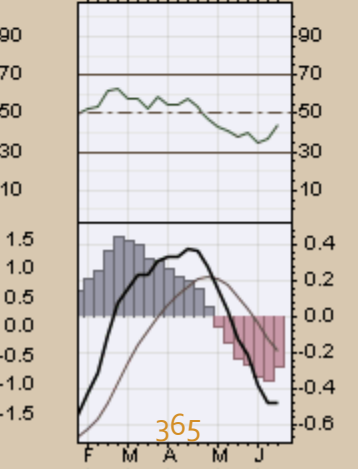
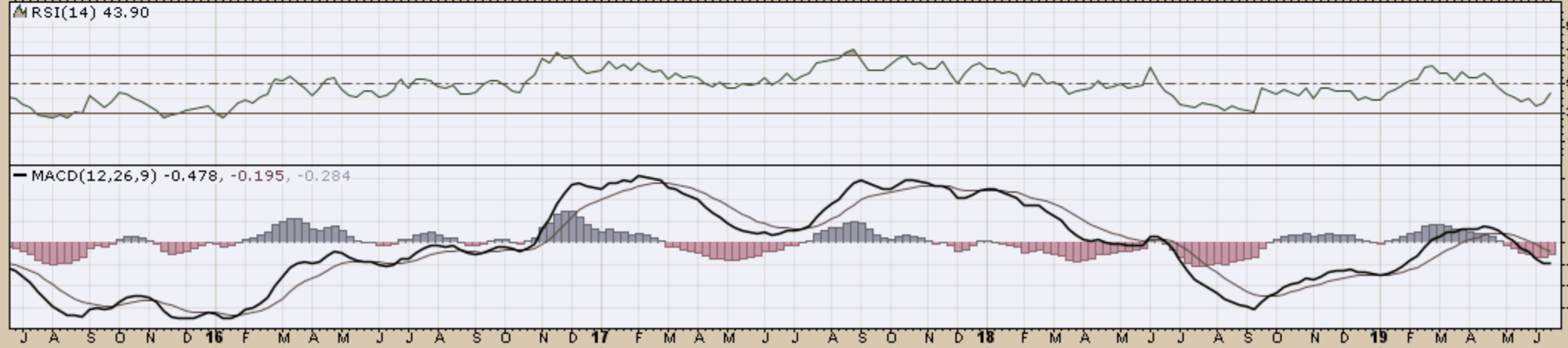
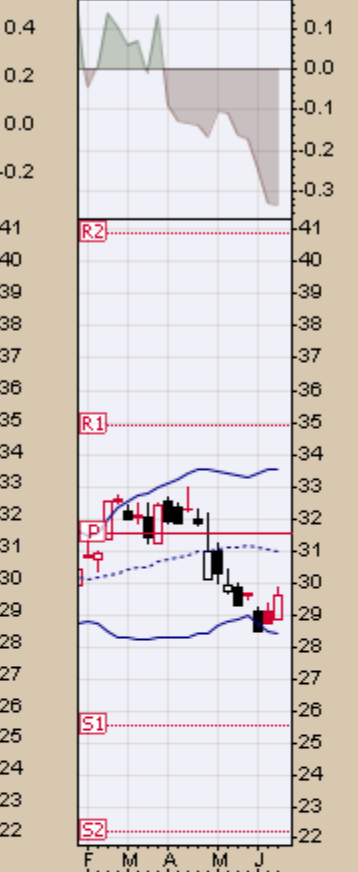
21-Jun-2019

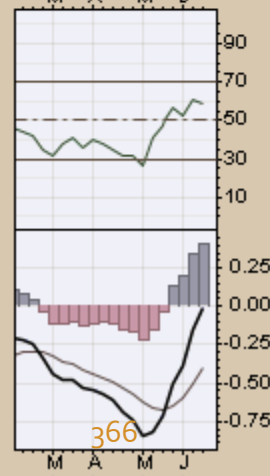
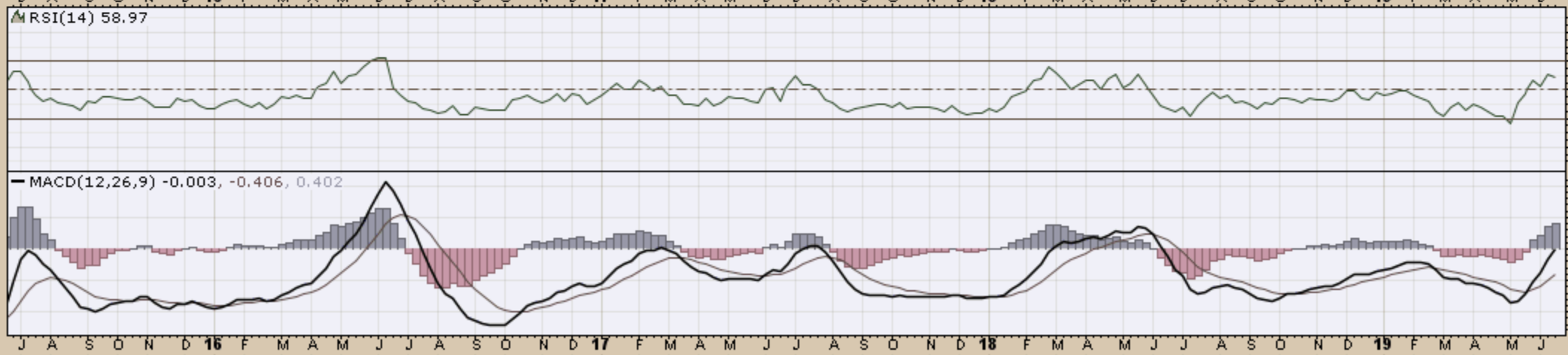
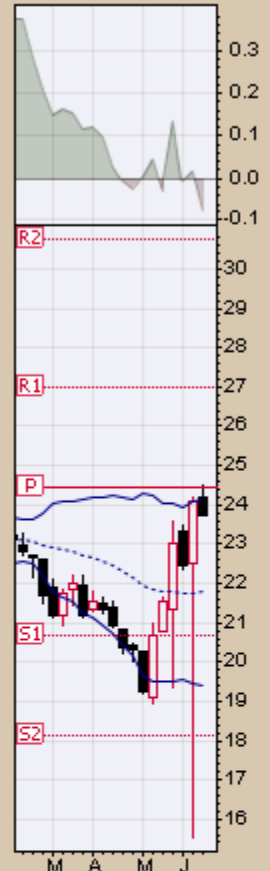
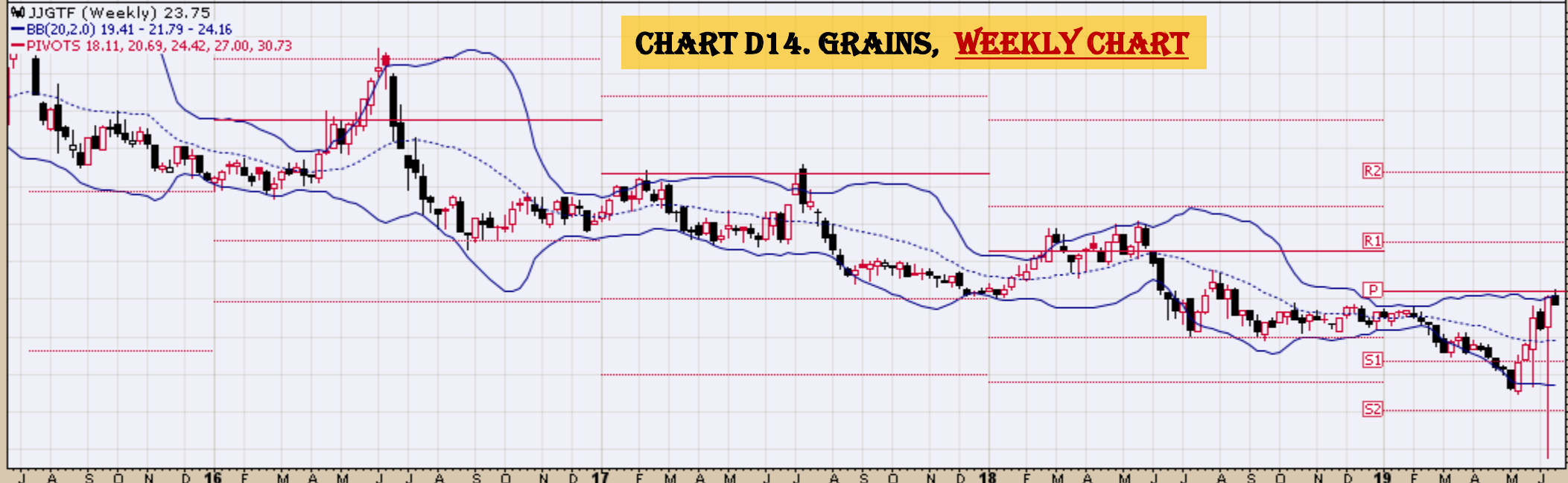
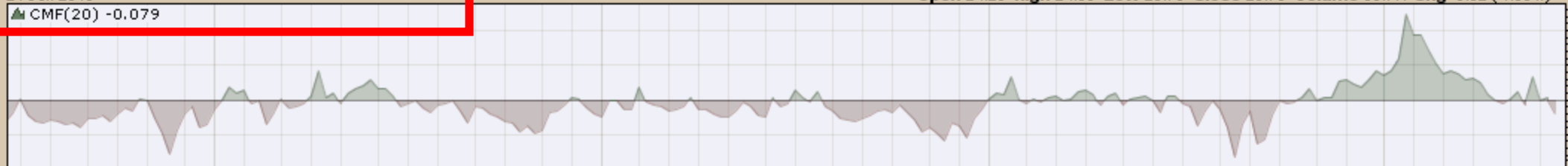
Open 28.87 High 29.83 Low 28.87 Close 29.60 Volume 8,911 Chg +0.89 (+3.10%) ▲

▲ CMF(20) -0.338

▲ JJCTF (Weekly) 29.60  
— BB(20,2,0) 28.39 - 30.98 - 33.56  
— PIVOTS 22.19, 25.57, 31.53, 34.91, 40.87

### CHART D13. COPPER SUBINDEX, WEEKLY CHART



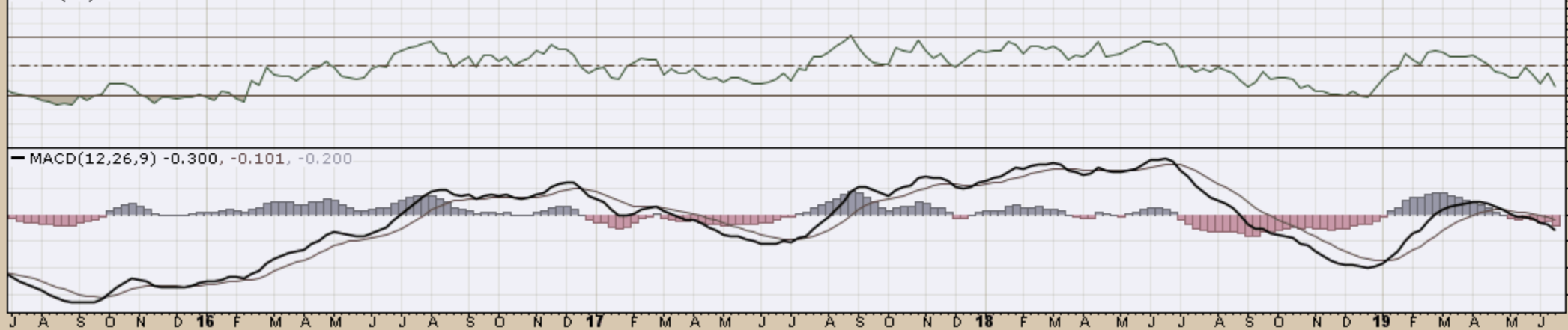


▲ JJNTF (Weekly) 12.75  
— BB(20,2,0) 13.19 - 14.83 - 16.46  
— PIVOTS 7.59, 10.25, 14.90, 17.56, 22.21

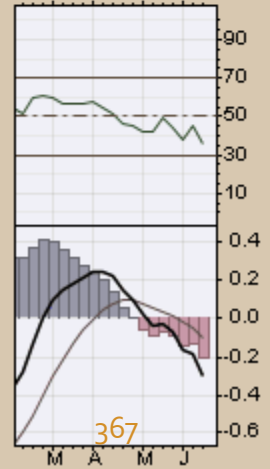
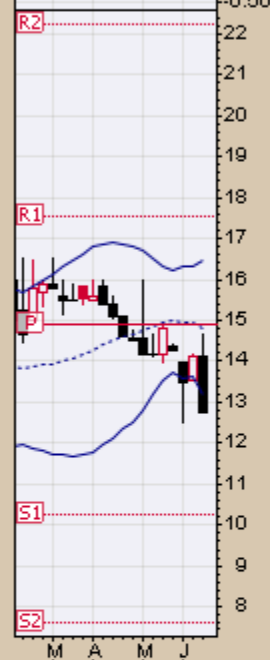
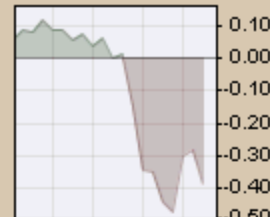
### CHART D15. NICKEL, WEEKLY CHART



▲ RSI(14) 35.69

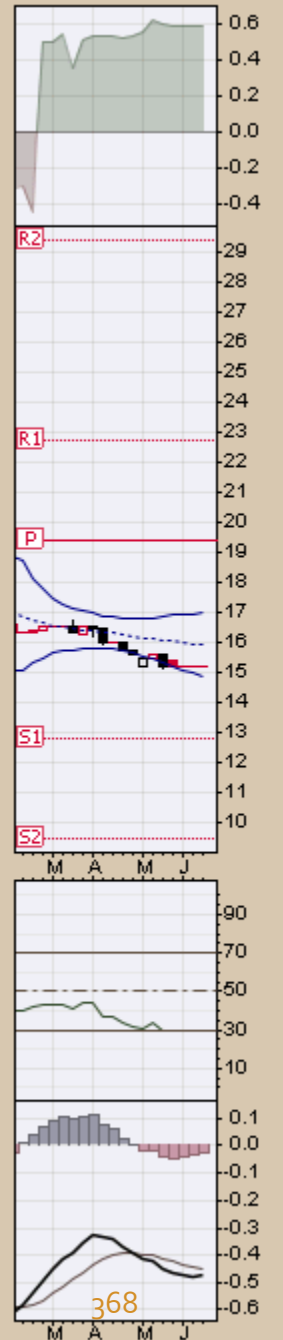
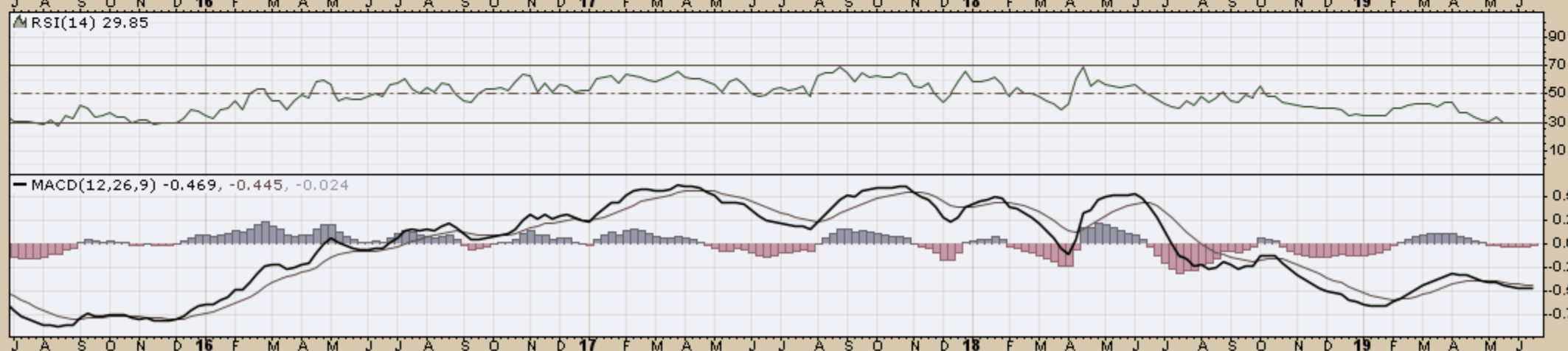


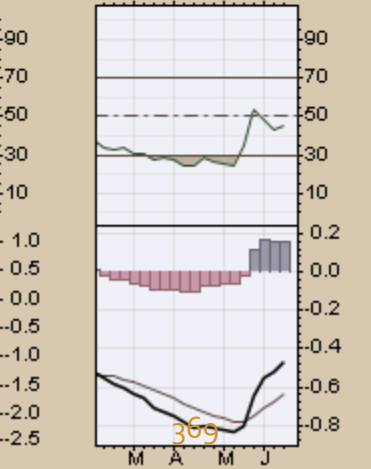
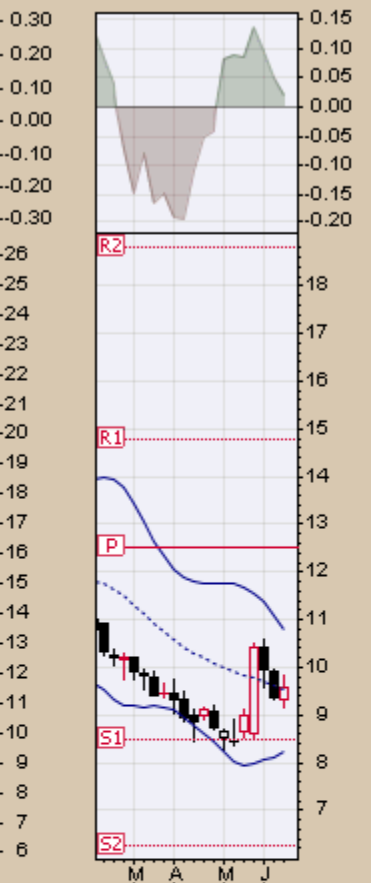
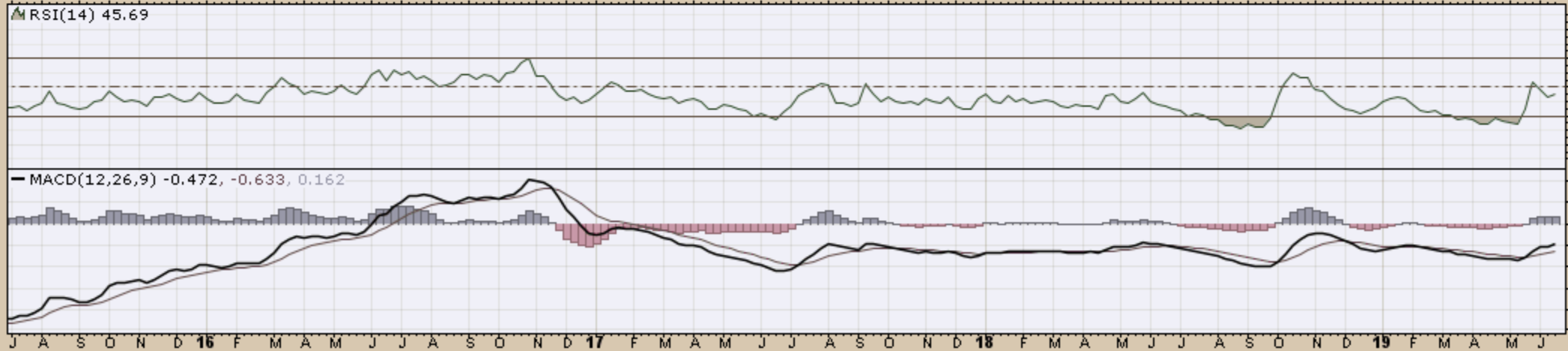
— MACD(12,26,9) -0.300, -0.101, -0.200



▲ JJUFF (Weekly) 15.20  
— BB(20,2,0) 14.86 - 15.90 - 16.95  
— PIVOTS 9.40, 12.77, 19.38, 22.75, 29.36

### CHART D16. ALUMINUM, WEEKLY CHART





LD iPath Bloomberg Lead Subindex Total Return ETN NYSE

21-Jun-2019

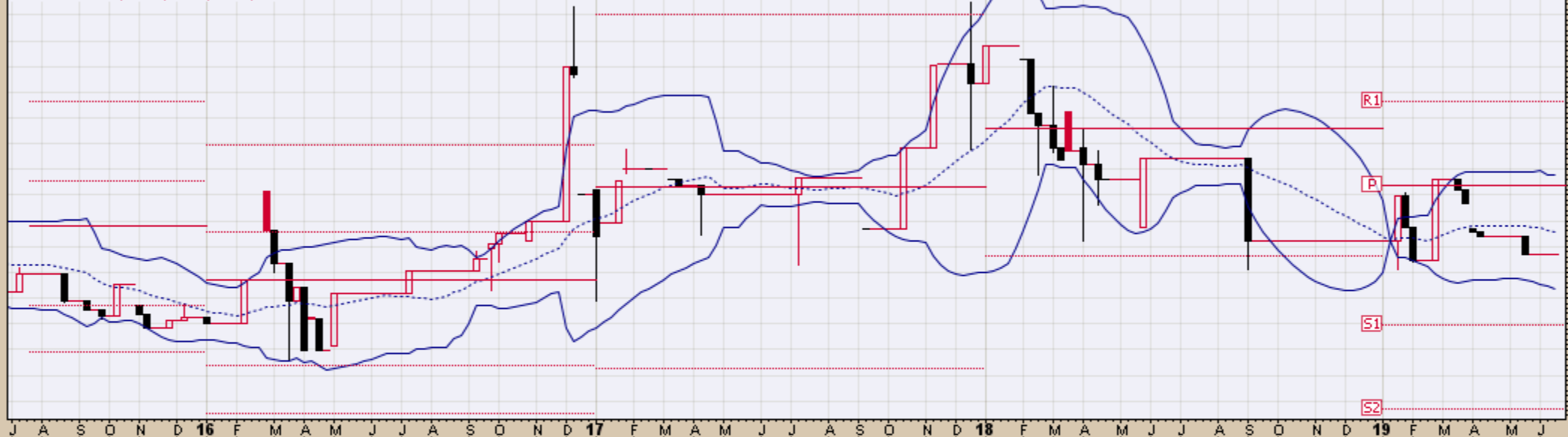
▲ CMF(20) -0.651

Open 41.69 High 41.69 Low 41.69 Close 41.69 Chg +0.00 (+0.00%) -

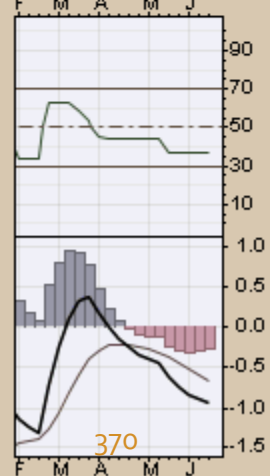
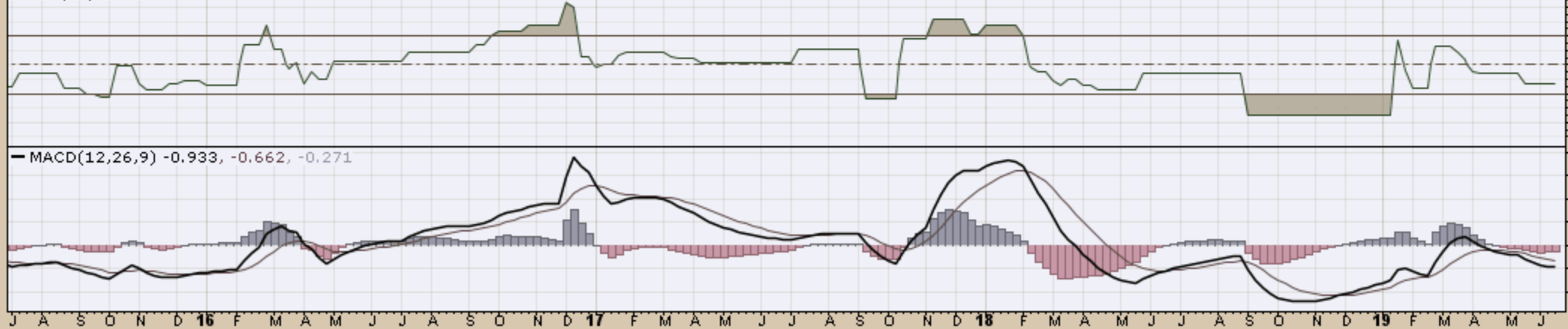
© StockCharts.com

### CHART D18. LEAD, WEEKLY CHART

LD (Weekly) 41.69  
BB(20,2.0) 38.44 - 43.94 - 49.44  
PIVOTS 26.66, 34.89, 48.44, 56.67, 70.22



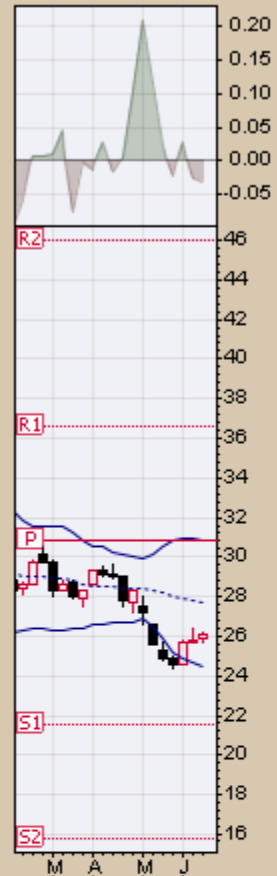
▲ RSI(14) 37.46



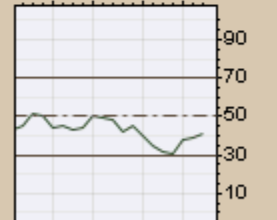
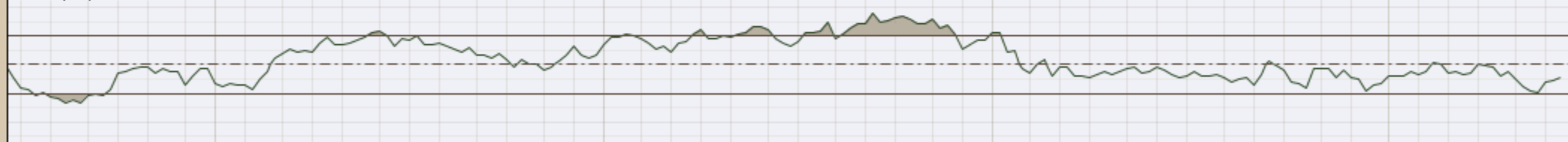


LIT (Weekly) 26.11  
BB(20,2,0) 24.49 - 27.66 - 30.84  
PIVOTS 15.74, 21.50, 30.85, 36.61, 45.95

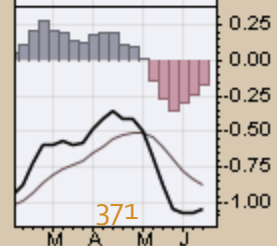
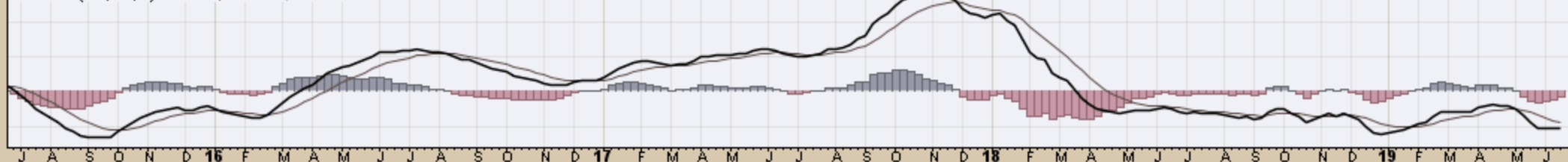
### CHART D19. LITHIUM, WEEKLY CHART

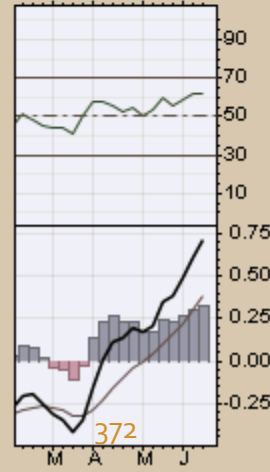
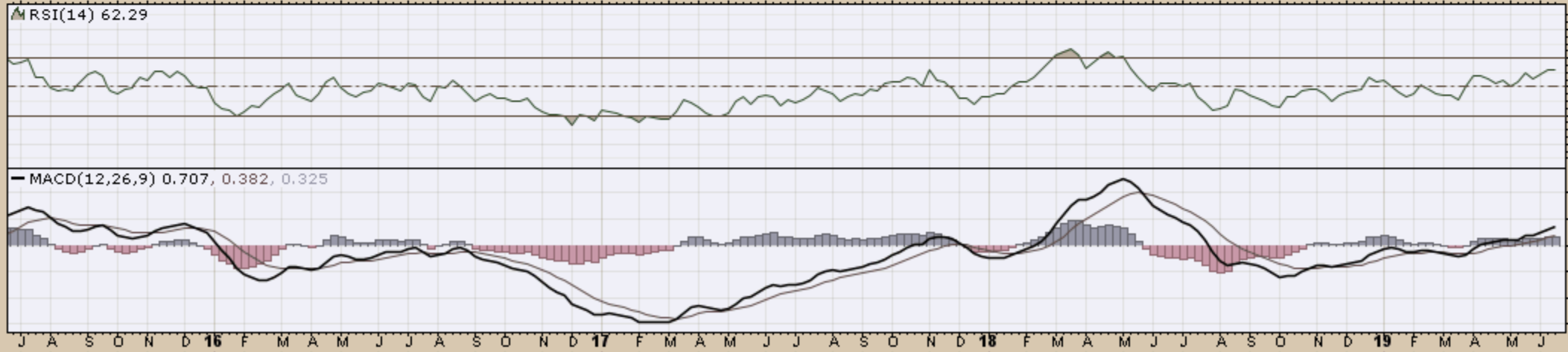
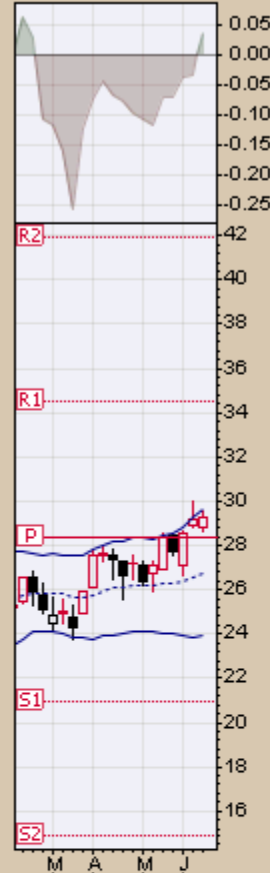


▲ RSI(14) 40.89



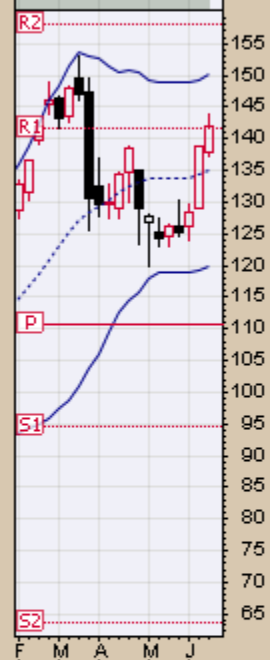
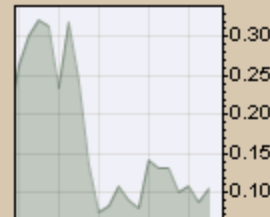
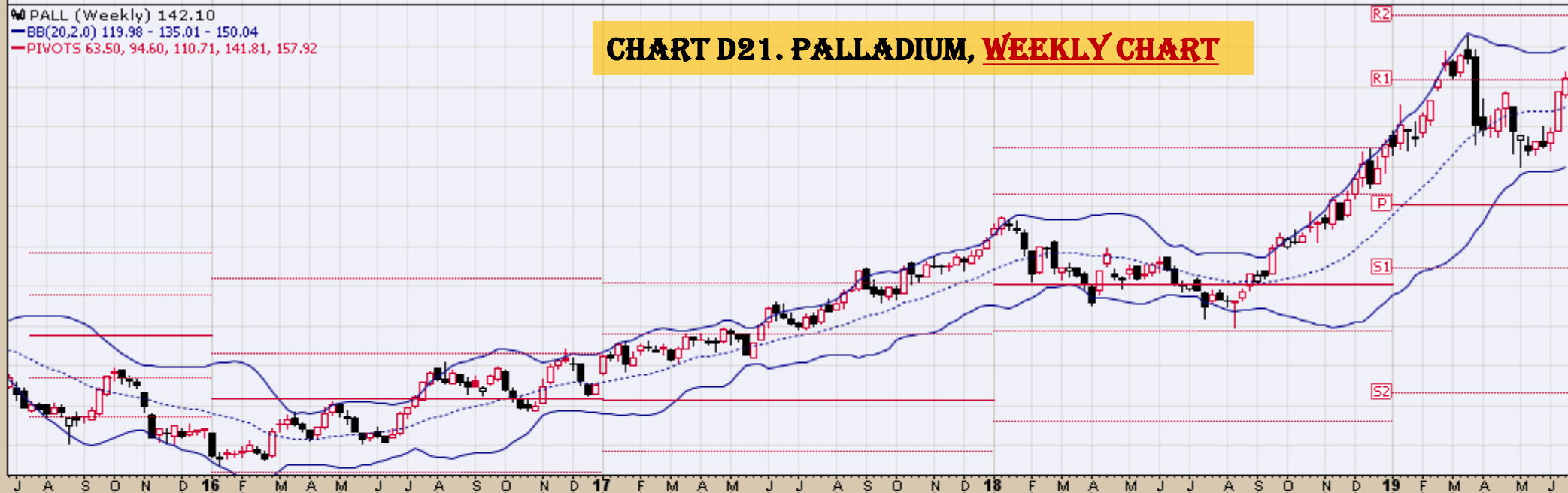
MACD(12,26,9) -1.042, -0.873, -0.169



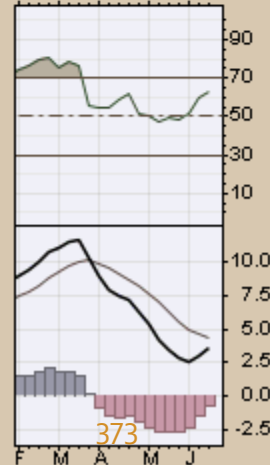
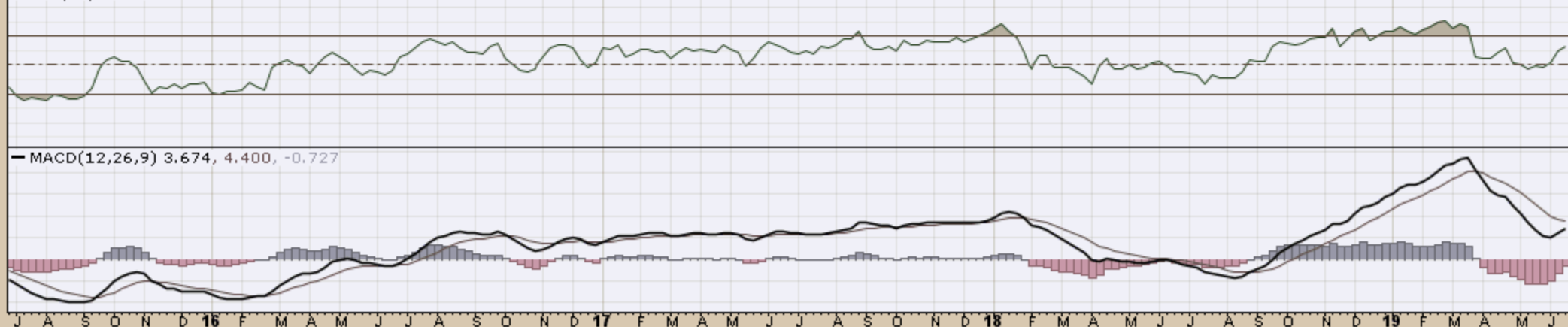


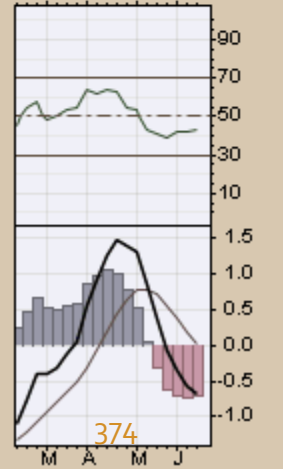
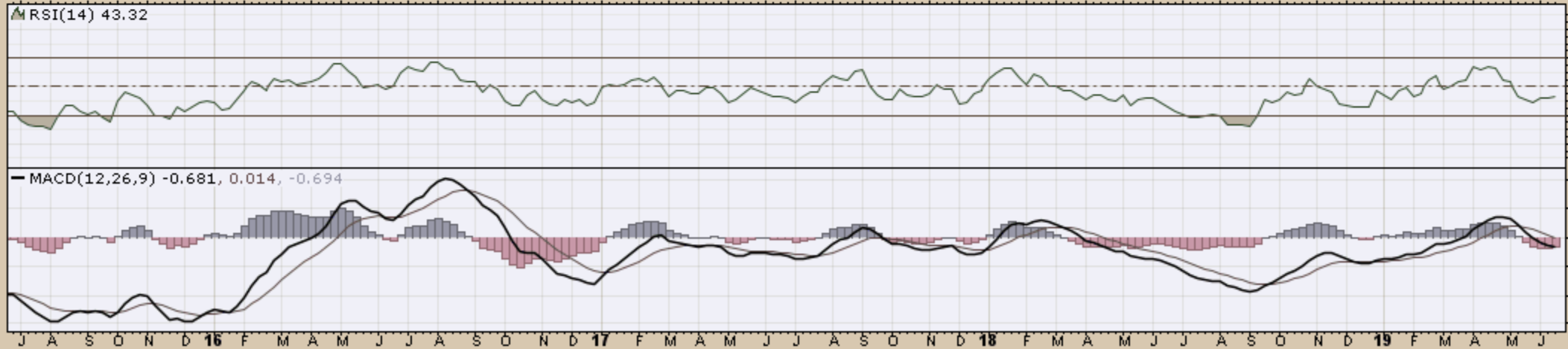
PALL (Weekly) 142.10  
BB(20,2,0) 119.98 - 135.01 - 150.04  
PIVOTS 63.50, 94.60, 110.71, 141.81, 157.92

CHART D21. PALLADIUM, WEEKLY CHART



MRSI(14) 62.71

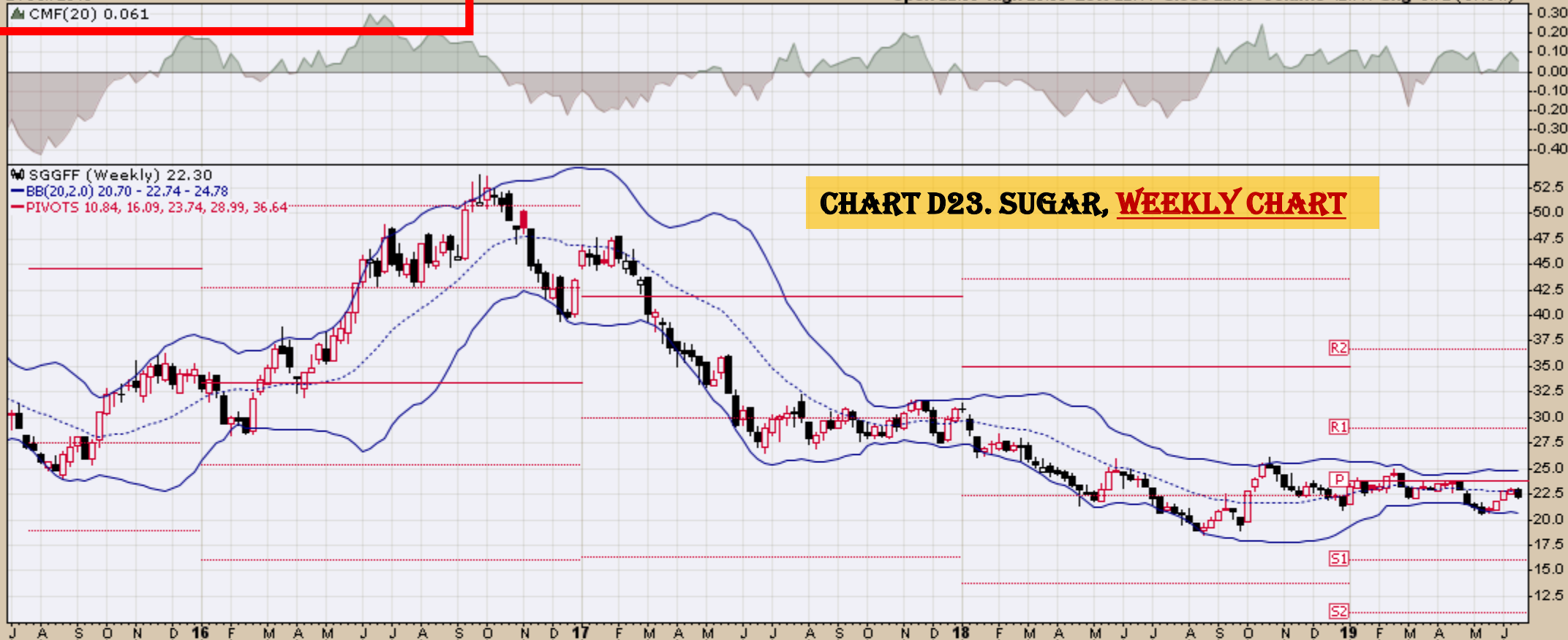




▲ CMF(20) 0.061

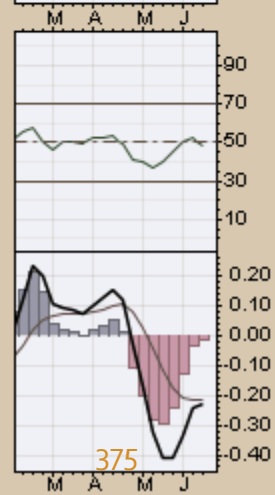
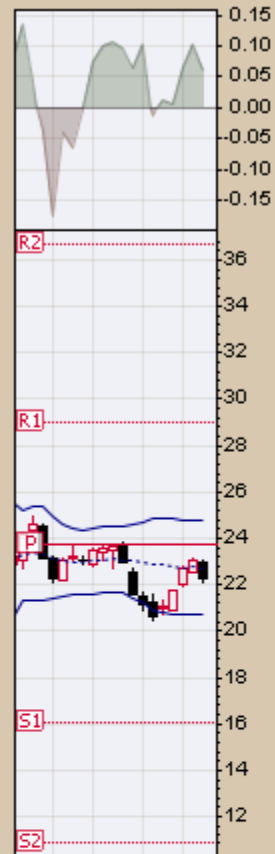
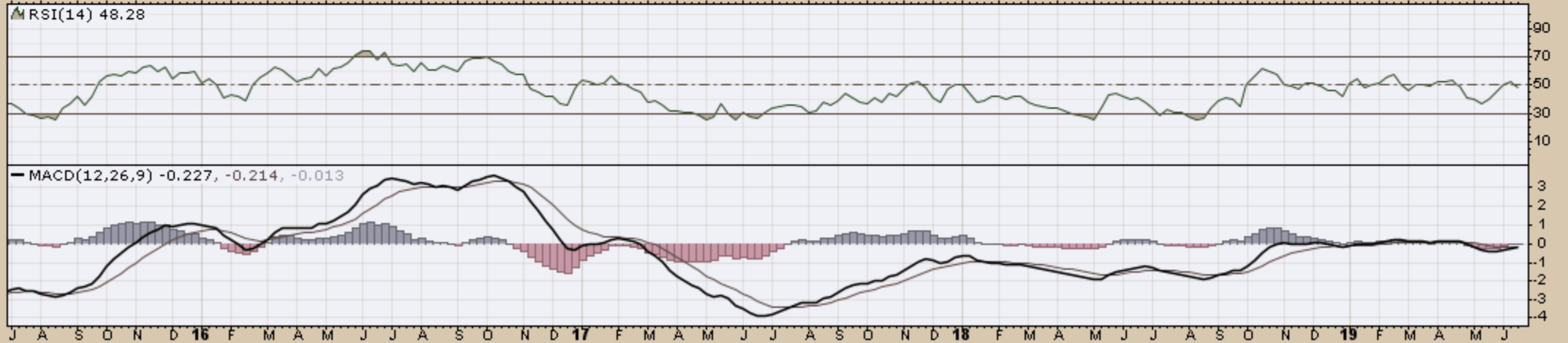
SGGFF (Weekly) 22.30  
BB(20,2.0) 20.70 - 22.74 - 24.78  
PIVOTS 10.84, 16.09, 23.74, 28.99, 36.64

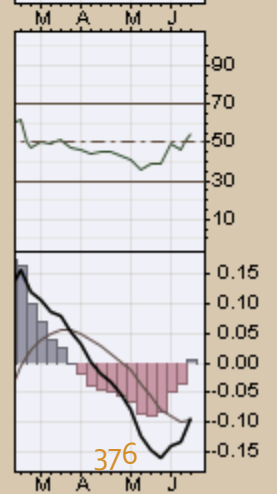
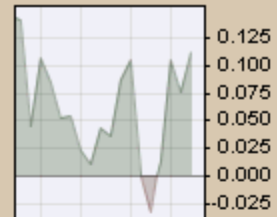
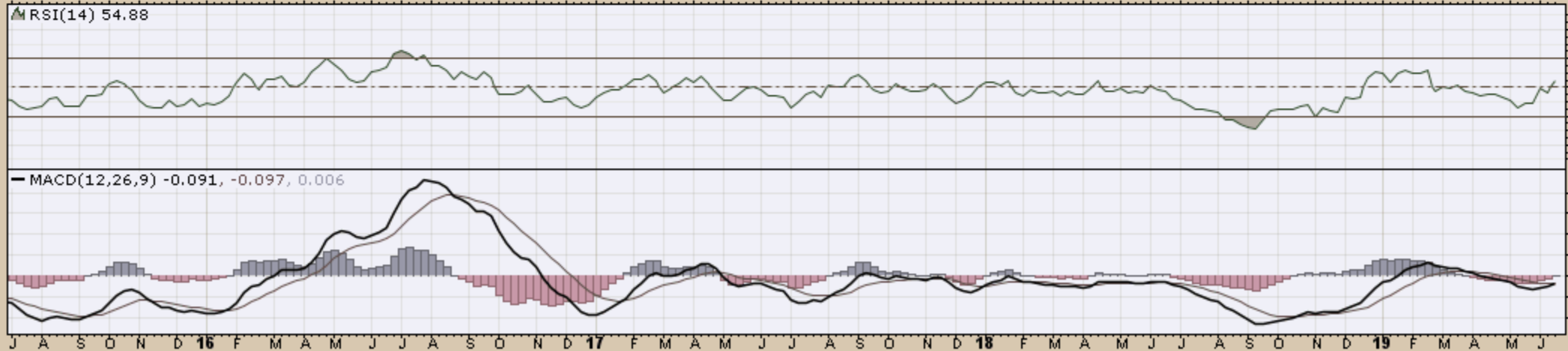
### CHART D23. SUGAR, WEEKLY CHART



▲ RSI(14) 48.28

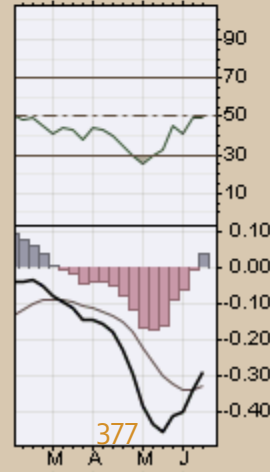
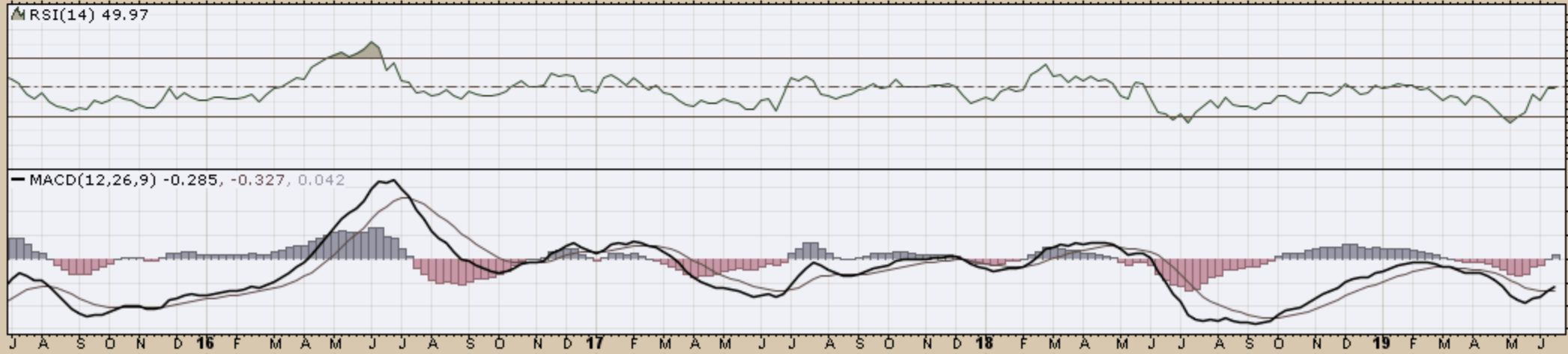
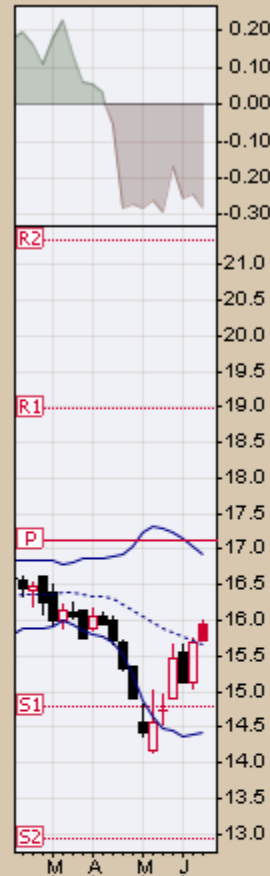
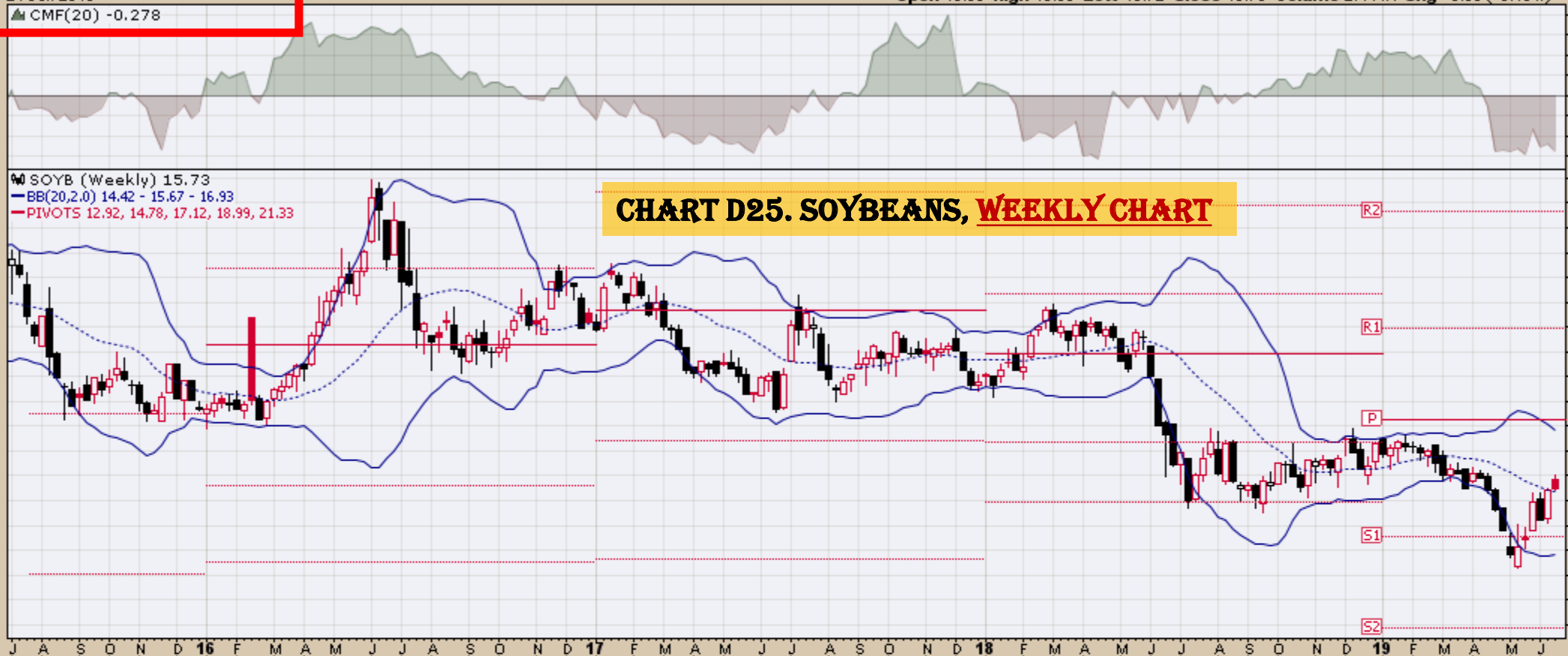
MACD(12,26,9) -0.227, -0.214, -0.013

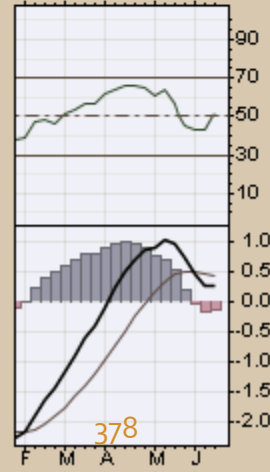
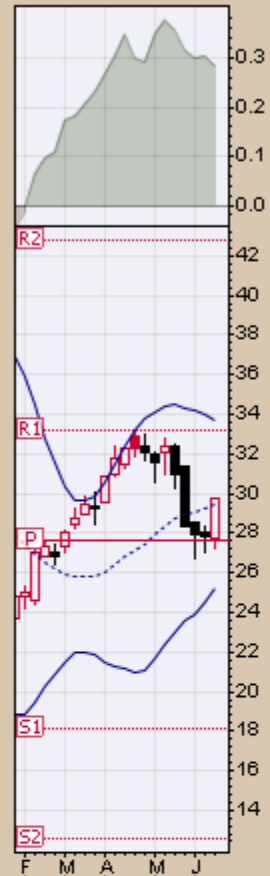
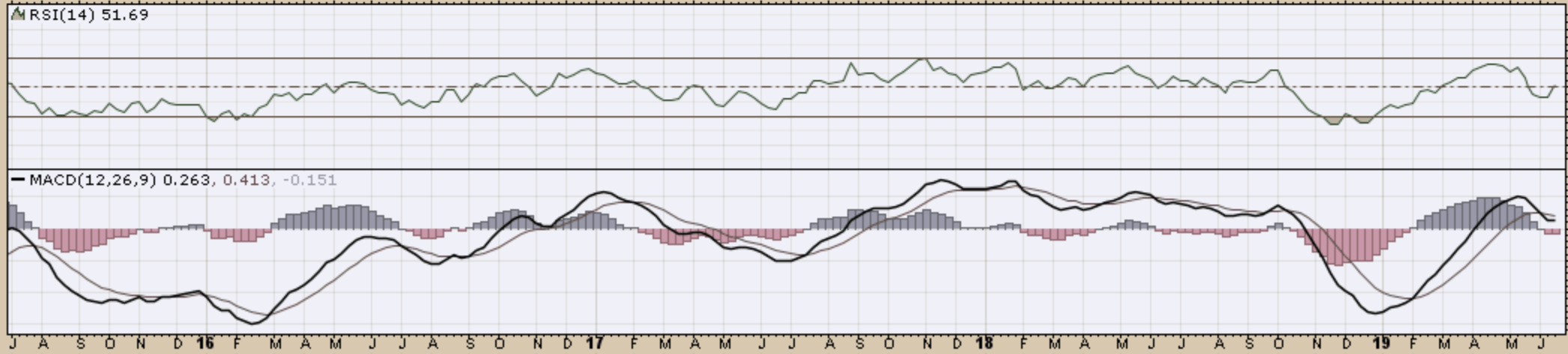
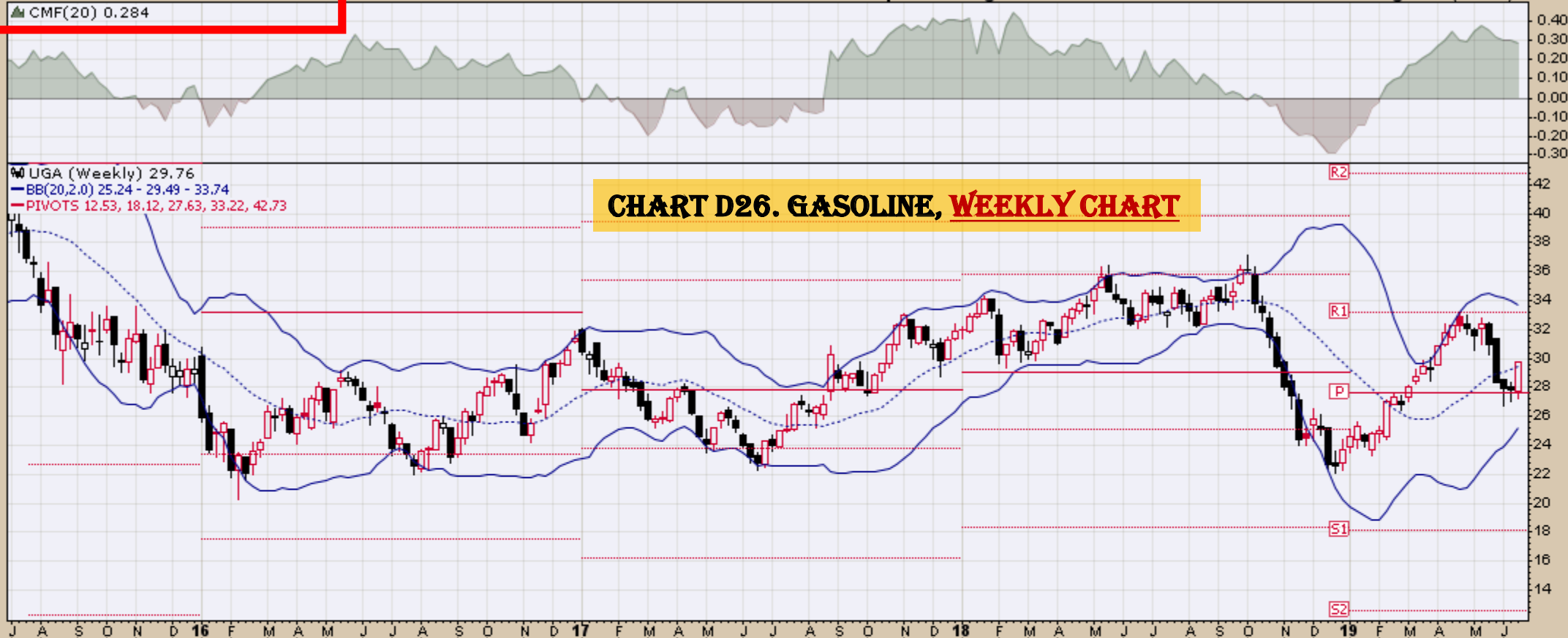




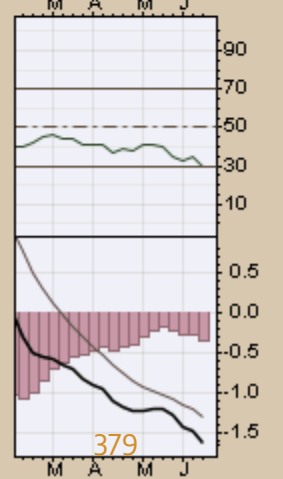
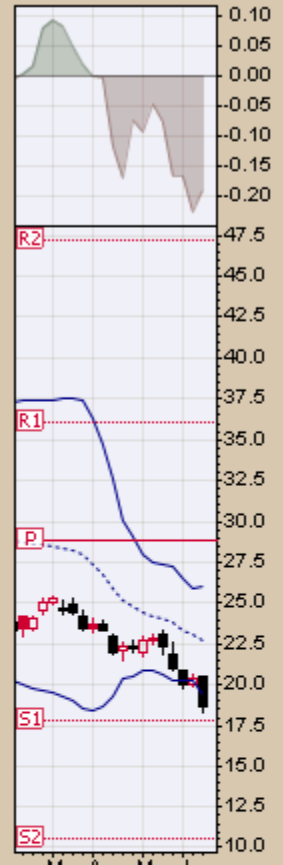
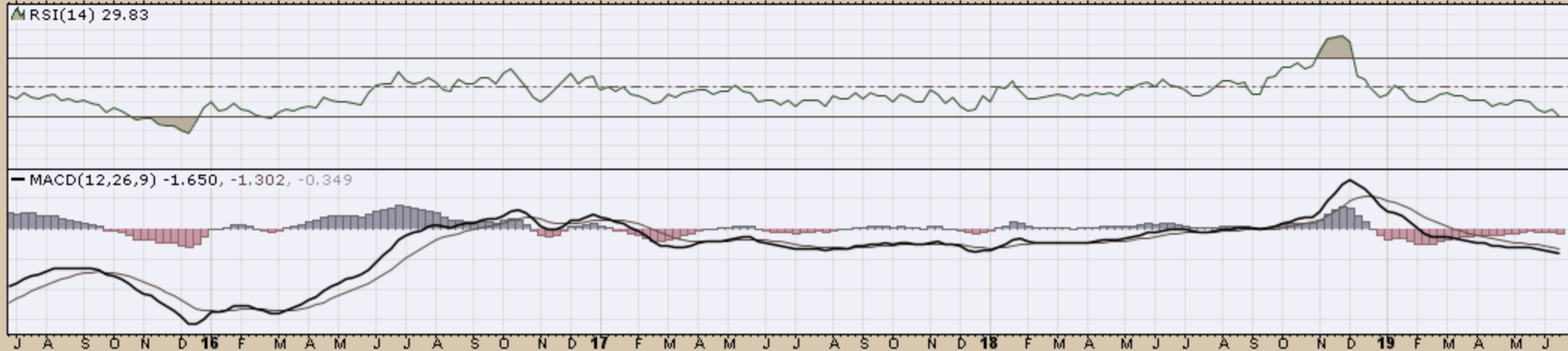
SOYB (Weekly) 15.73  
BB(20,2,0) 14.42 - 15.67 - 16.93  
PIVOTS 12.92, 14.78, 17.12, 18.99, 21.33

**CHART D25. SOYBEANS, WEEKLY CHART**









USL United States 12 Month Oil Fund, LP NYSE

21-Jun-2019

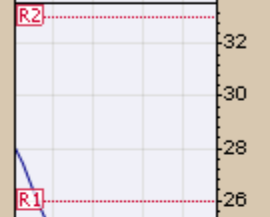
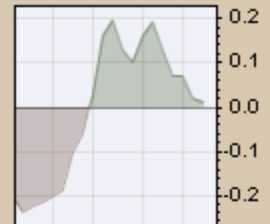
▲ CMF(20) 0.012

Open 19.86 High 21.53 Low 19.74 Close 21.50 Volume 46.2K Chg +1.49 (+7.42%) ▲

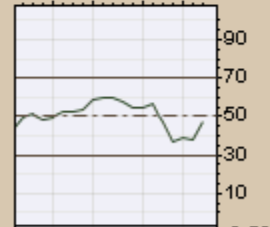
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USL (Weekly) 21.50  
BB(20,2,0) 19.74 - 22.09 - 24.44  
PIVOTS 10.02, 14.47, 21.51, 25.96, 33.00

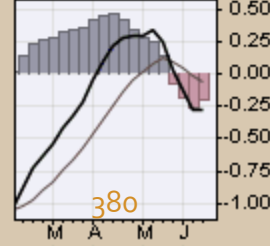
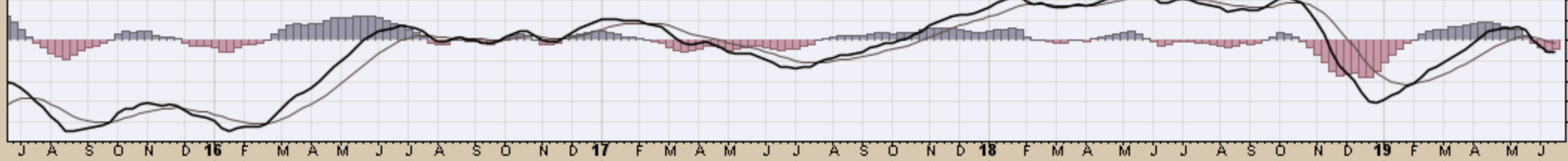
### CHART D28. US 12 MONTH OIL FUND, WEEKLY CHART



▲ RSI(14) 47.51



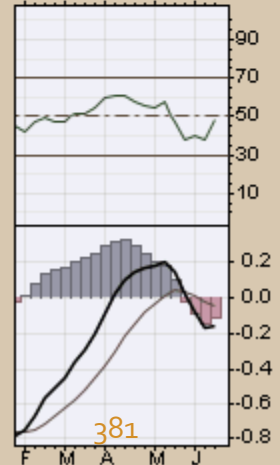
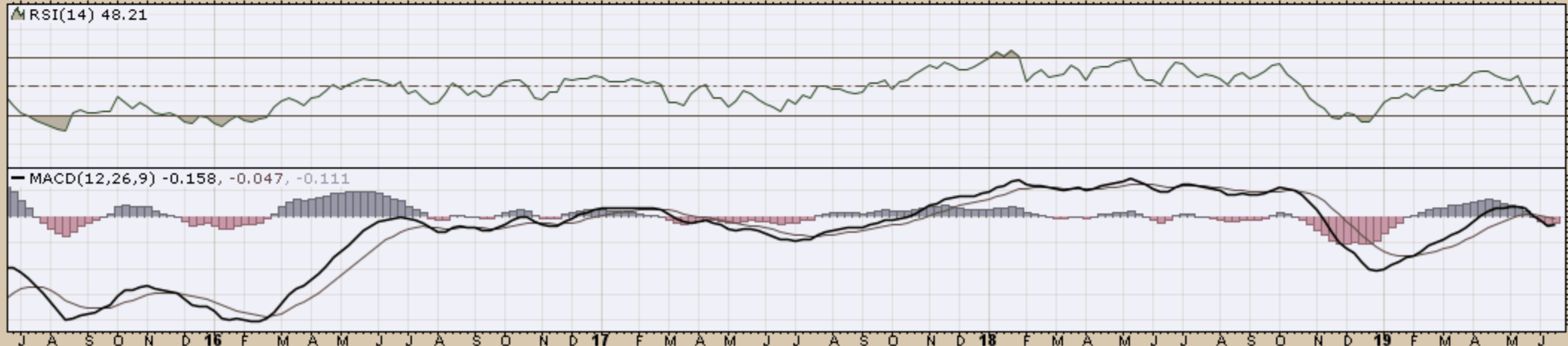
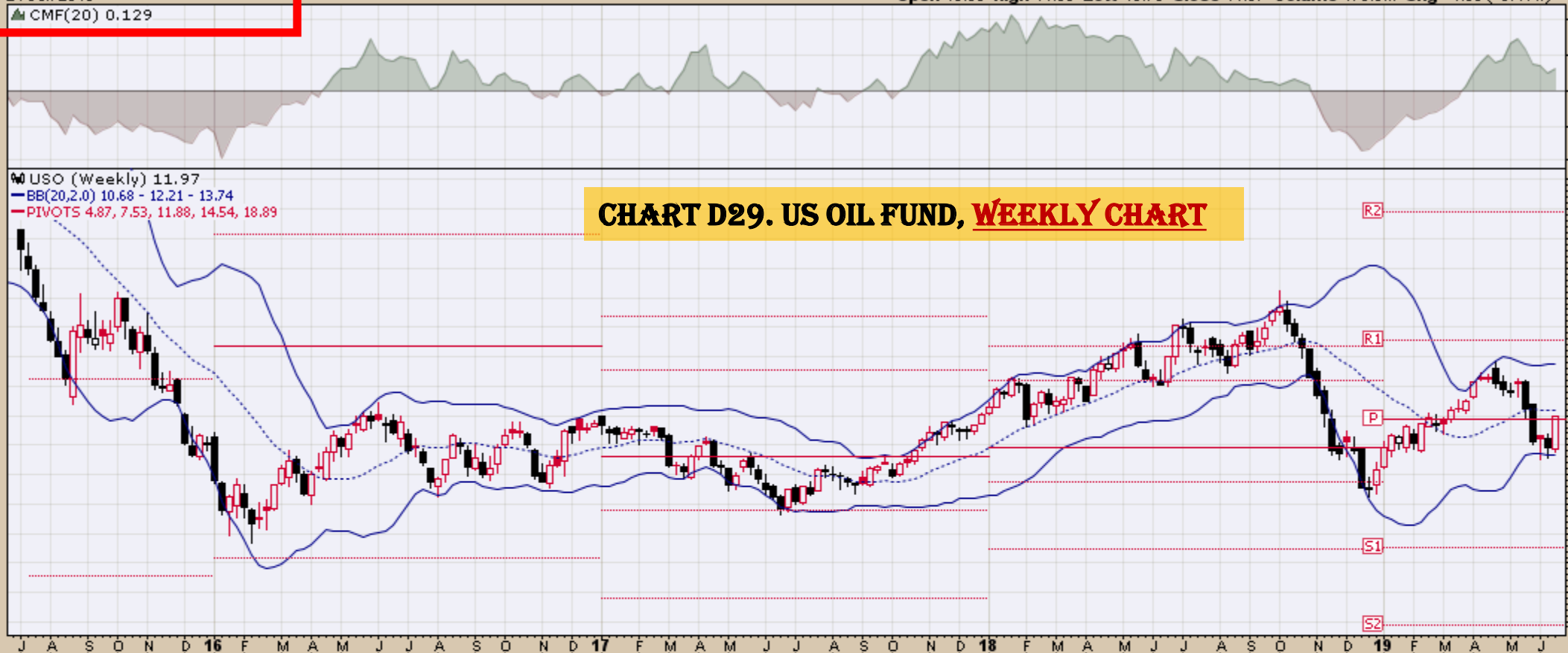
MACD(12,26,9) -0.271, -0.064, -0.207

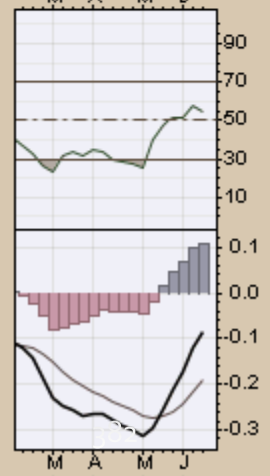
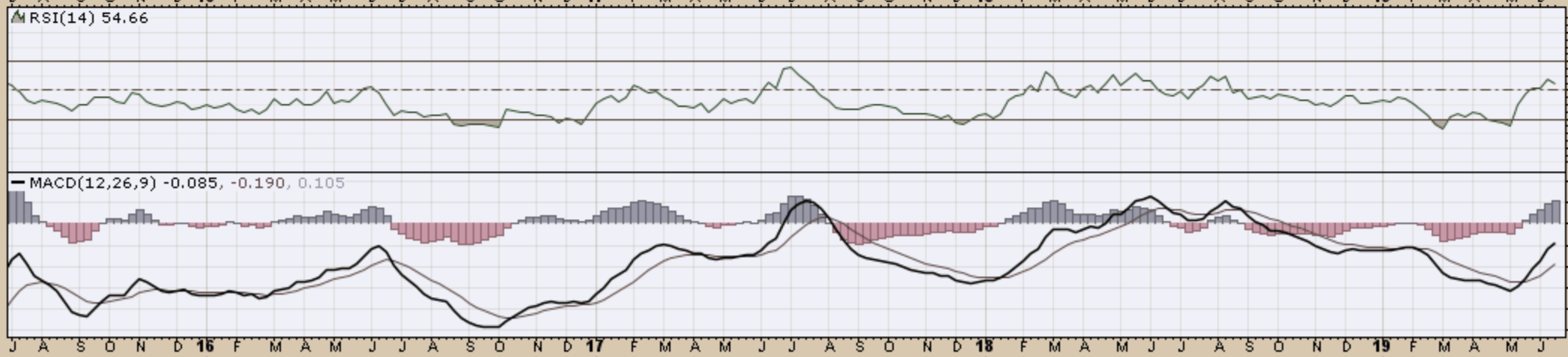
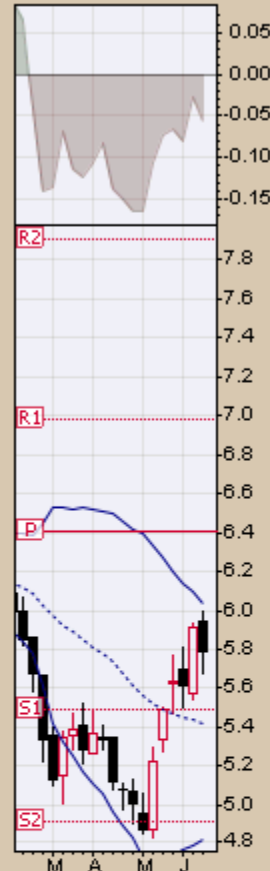
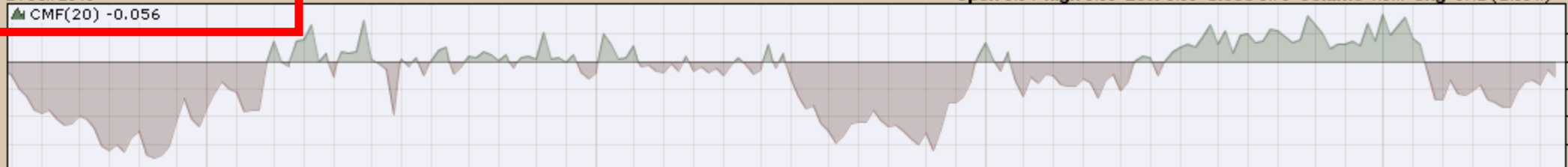


380

USO (Weekly) 11.97  
BB(20,2.0) 10.68 - 12.21 - 13.74  
PIVOTS 4.87, 7.53, 11.88, 14.54, 18.89

### CHART D29. US OIL FUND, WEEKLY CHART





*End*