

***Market Outlook Considerations
Chart Book, Week Beginning
July 8, 2019***

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Market Outlook Considerations for Week Beginning July 8, 2019

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

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Market Outlook Considerations for Week Beginning July 8, 2019

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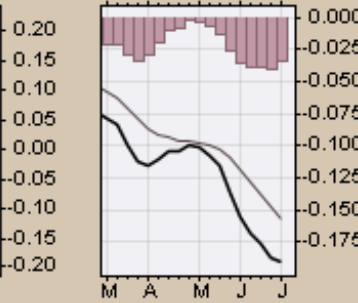
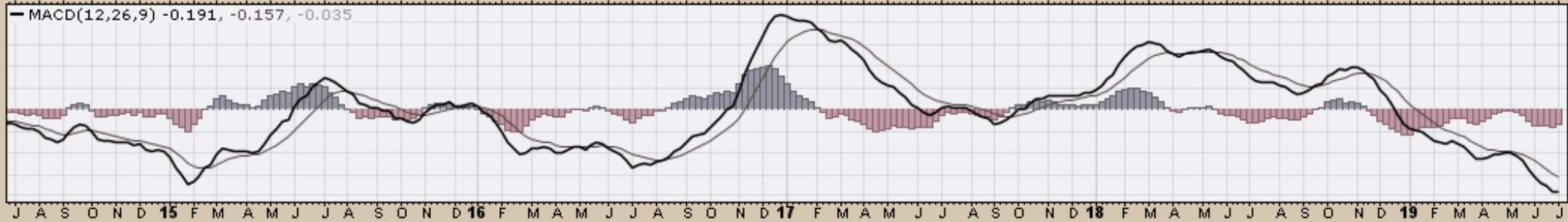
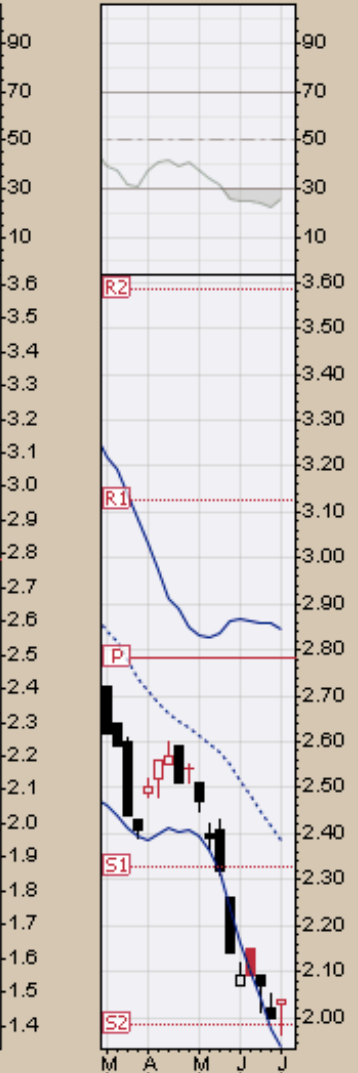
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***\$UST10Y – 10 Year US Treasury Yield
Weekly, Daily and Monthly Charts***

▲ RSI(14) 26.05

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

▲ \$UST10Y (Weekly) 2.04
— BB(20,2,0) 1.93 - 2.39 - 2.84
— PIVOTS 1.98, 2.33, 2.78, 3.13, 3.58
■ Volume undef



5-Jul-2019

Open 2.04 High 2.04 Low 2.04 Close 2.04 Chg +0.08 (+4.08%) ▲

— \$UST10Y (Daily) 2.04
— MA(200) 2.68
▒ Volume undef

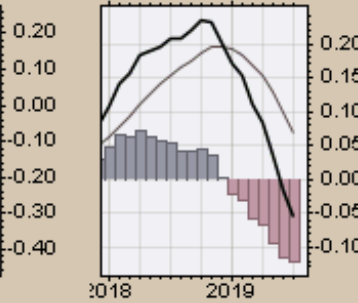
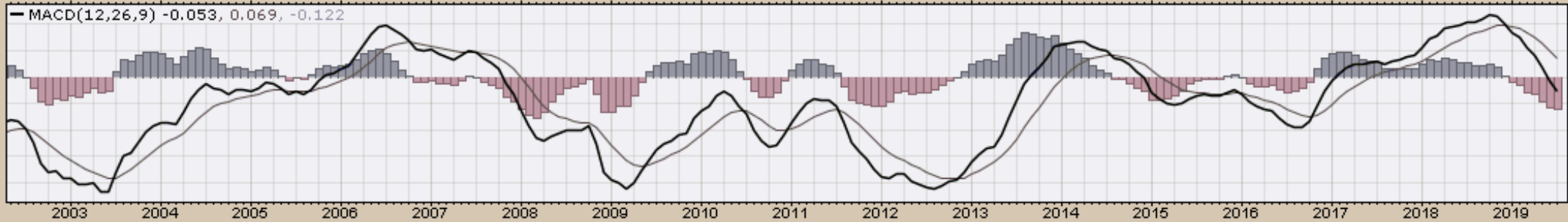
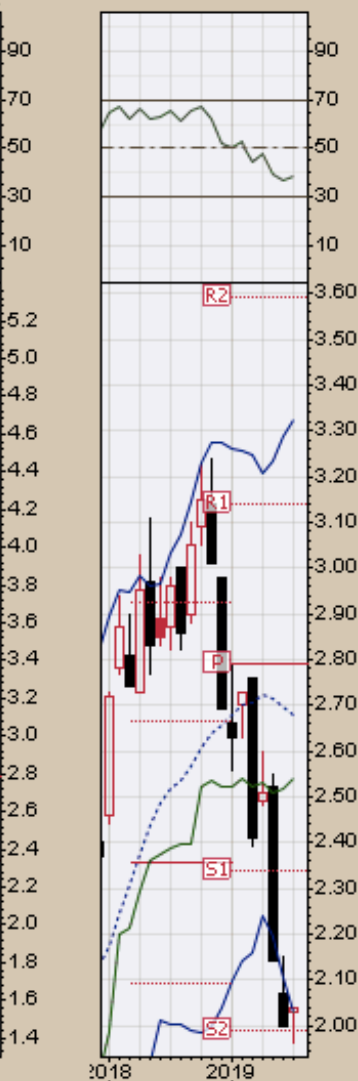
CHART A2. \$UST10Y - 10-YEAR US TREASURY YIELD, DAILY CHART



▲ RSI(14) 38.26

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

▲ \$UST10Y (Monthly) 2.04
 — BB(20,2,0) 2.03 - 2.68 - 3.32
 — PIVOTS 1.99, 2.34, 2.79, 3.14, 3.59
 — CHANDLR(22,3,0) 2.54
 ■ Volume undef



5-Jul-2019

— \$UST10Y (Monthly) 2.04
— MA(200) 3.13



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

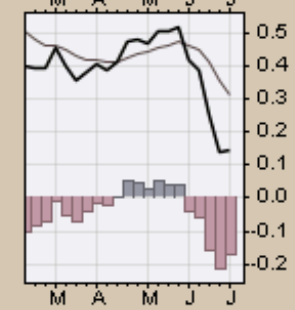
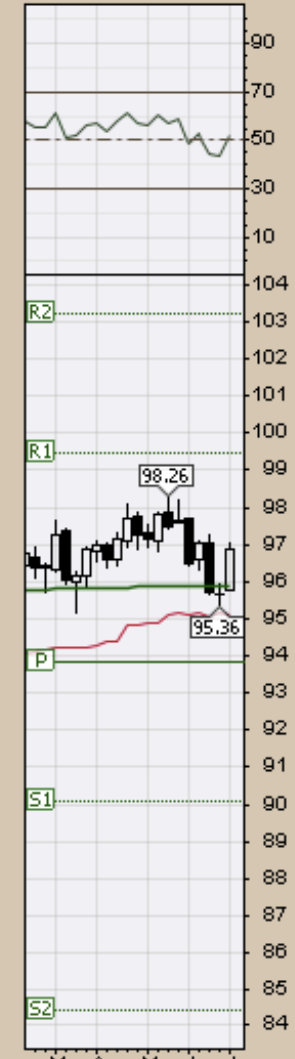
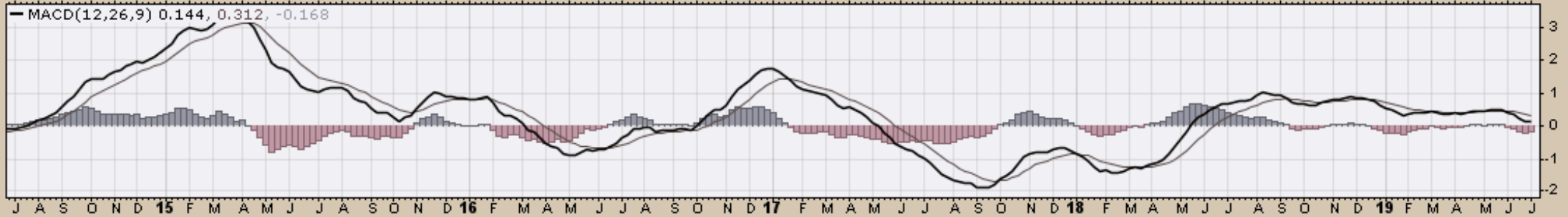
US Dollar Index
Weekly, Daily and Monthly Charts

RSI(14) 52.24

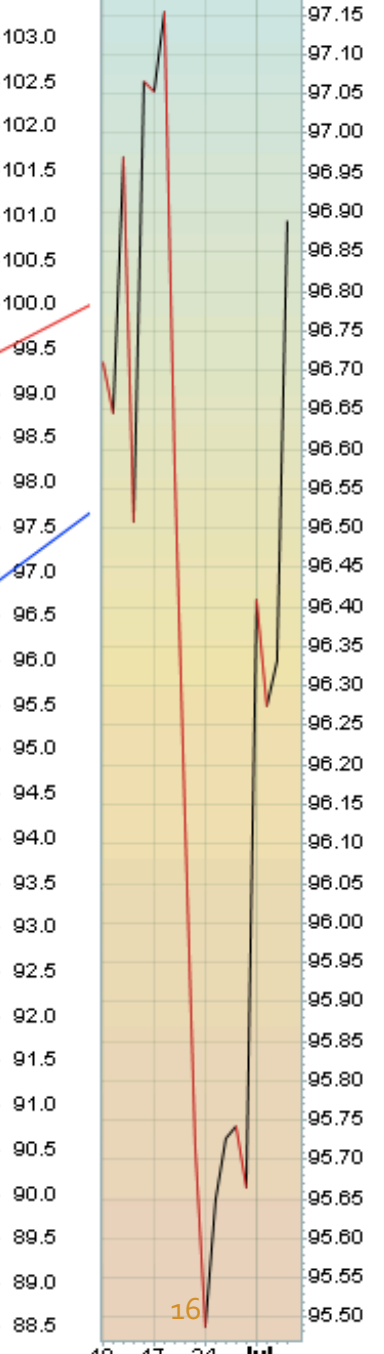
CHART A5. U.S. DOLLAR INDEX, WEEKLY CHART

\$USD (Weekly) 96.89

MA(200) 95.86
CHANDLR(22,3,0) 95.09
PIVOTS 84.43, 90.09, 93.81, 99.47, 103.19



— US Dollar Index - Cash Settle (EOD) (Daily) 96.89

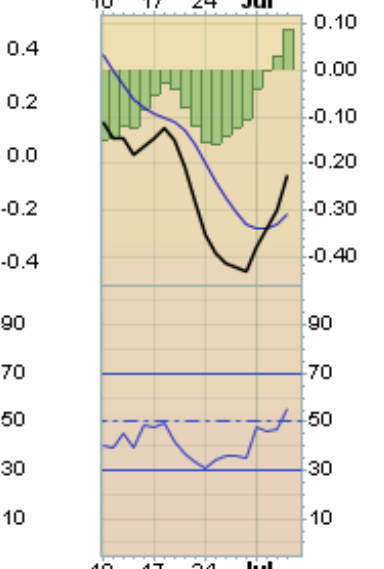
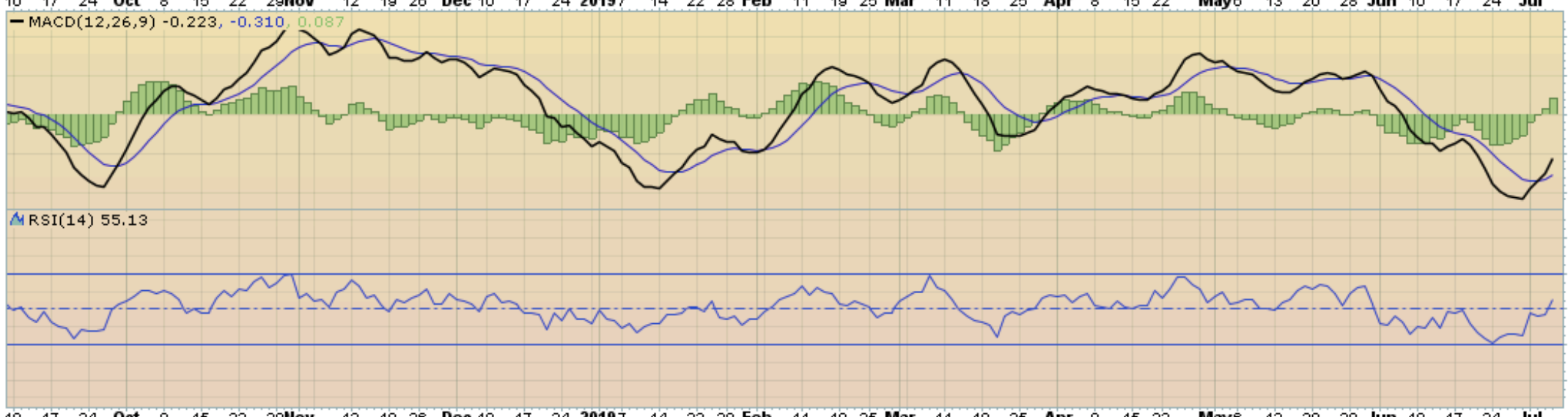
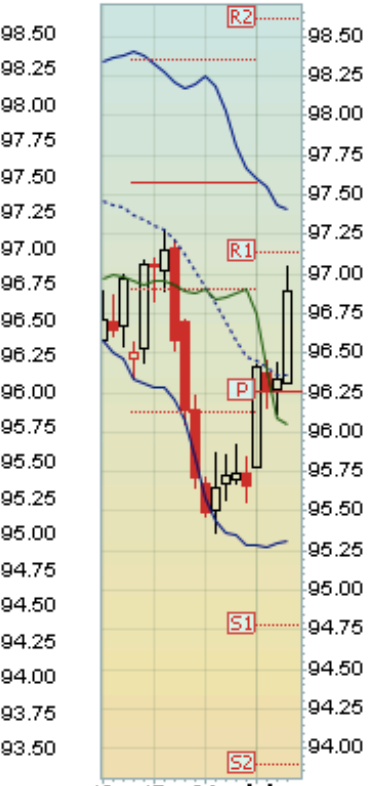


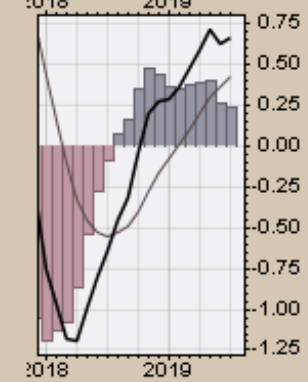
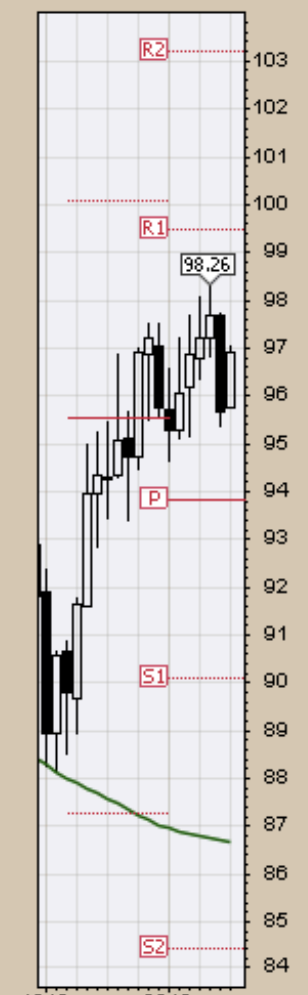
A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 19 F M A M J J

10 17 24 Jul

US Dollar Index - Cash Settle (EOD) (Daily) 96.89
BB(20,2,0) 95.31 - 96.36 - 97.41
PIVOTS 93.90, 94.78, 96.25, 97.14, 98.61
CHANDLR(22,3,0) 96.05
Volume undef

CHART A6. US DOLLAR INDEX, DAILY CHART





— \$USD (Monthly) 96.89
— MA(200) 86.65

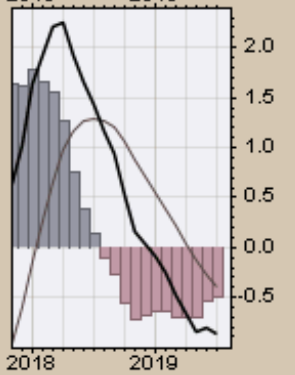
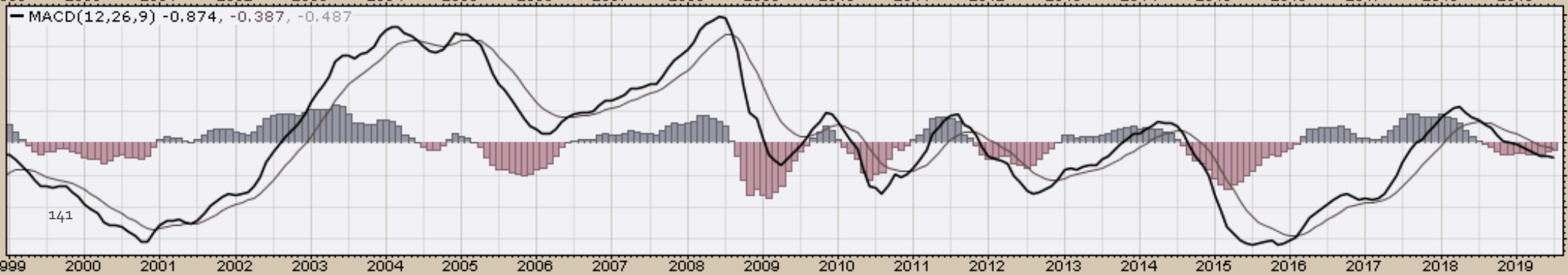
CHART A8. US DOLLAR INDEX, MONTHLY CHART



Select Currency Charts
Monthly Charts



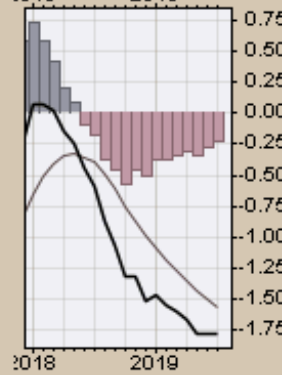
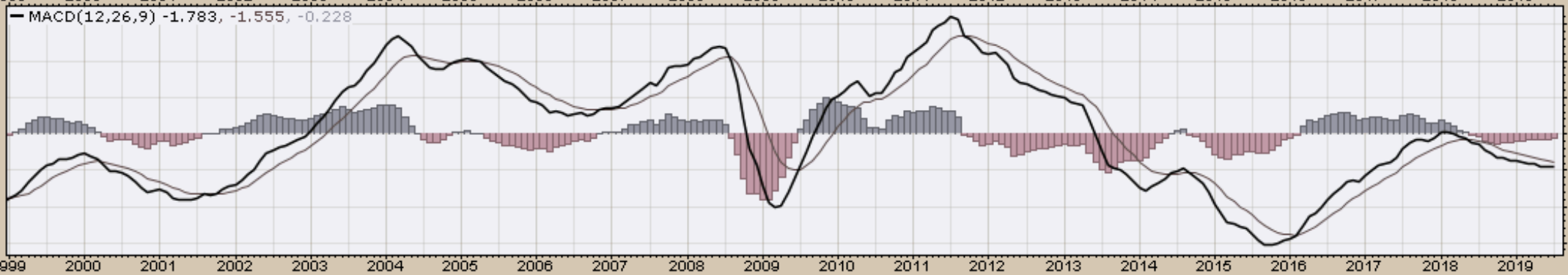
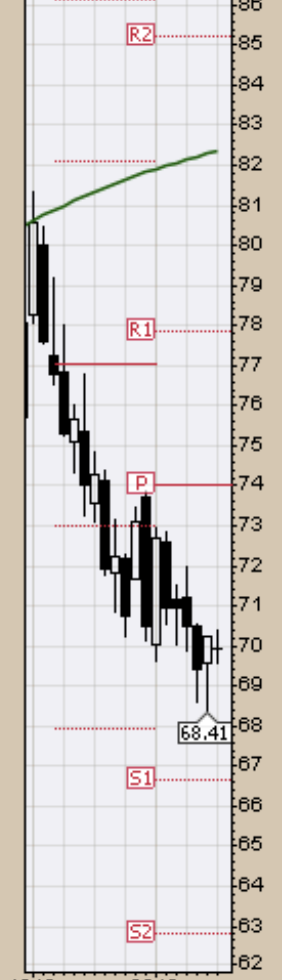
CHART A9. EURO, MONTHLY CHART

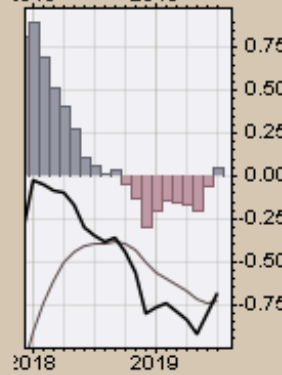
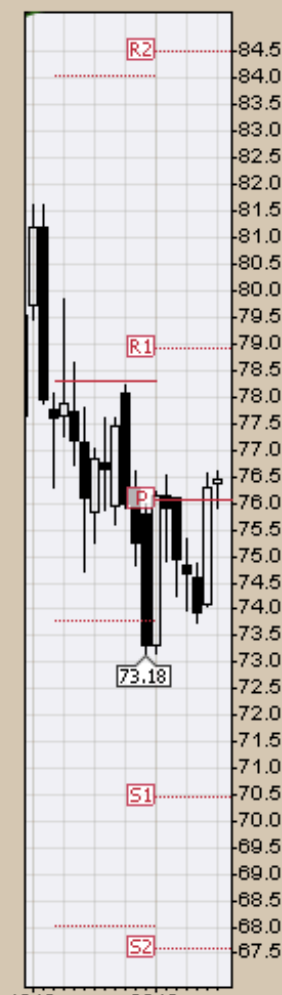
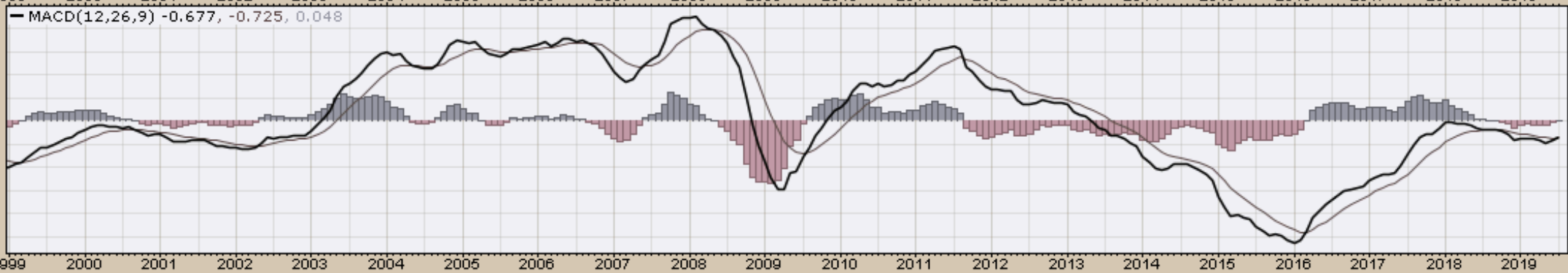


5-Jul-2019

\$XAD (Monthly) 69.94
MA(200) 82.37
PIVOTS 62.80, 66.64, 74.00, 77.84, 85.20

CHART A10. AUSTRALIAN DOLLAR, MONTHLY CHART



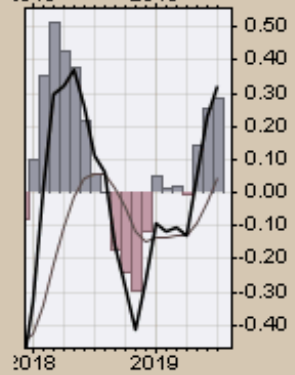
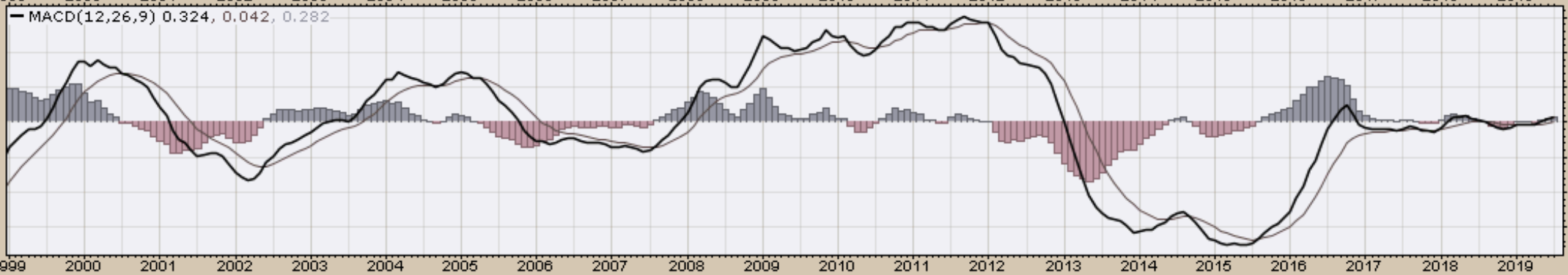
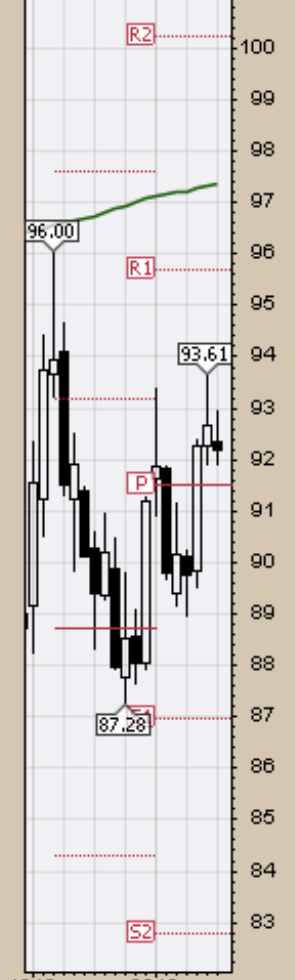


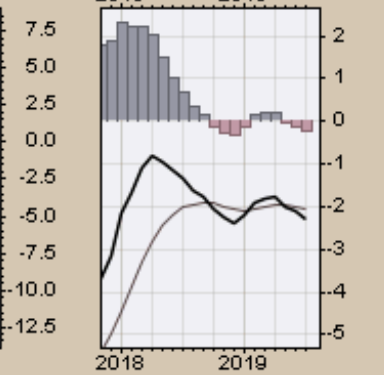
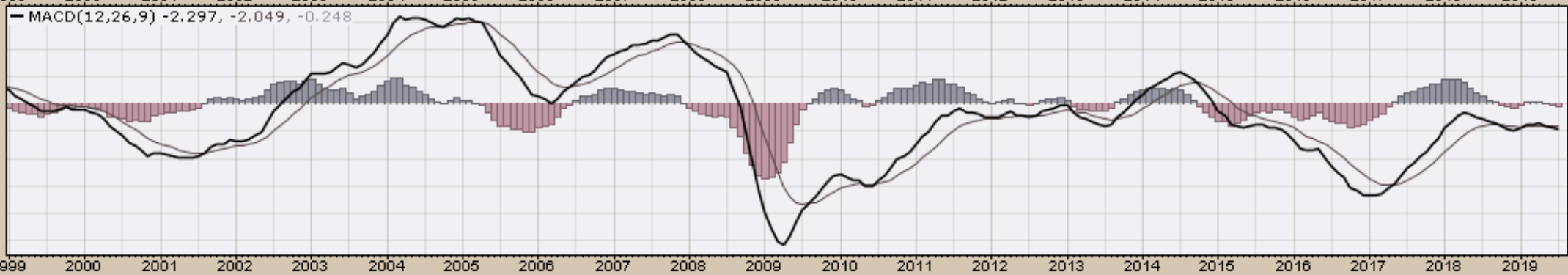
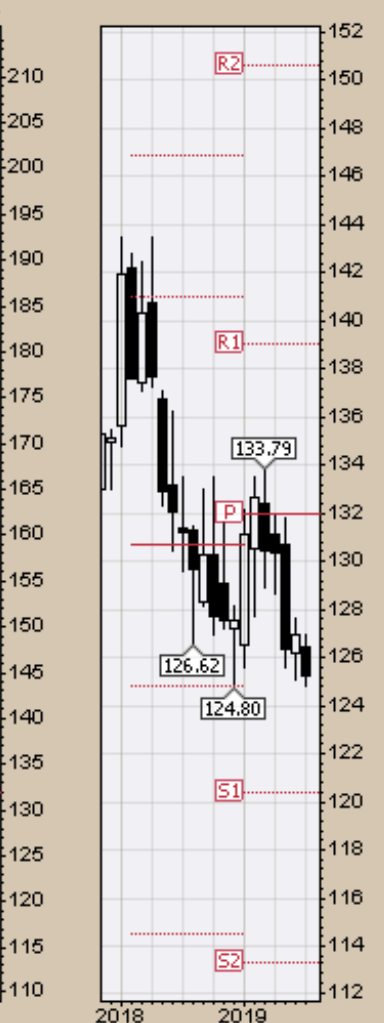
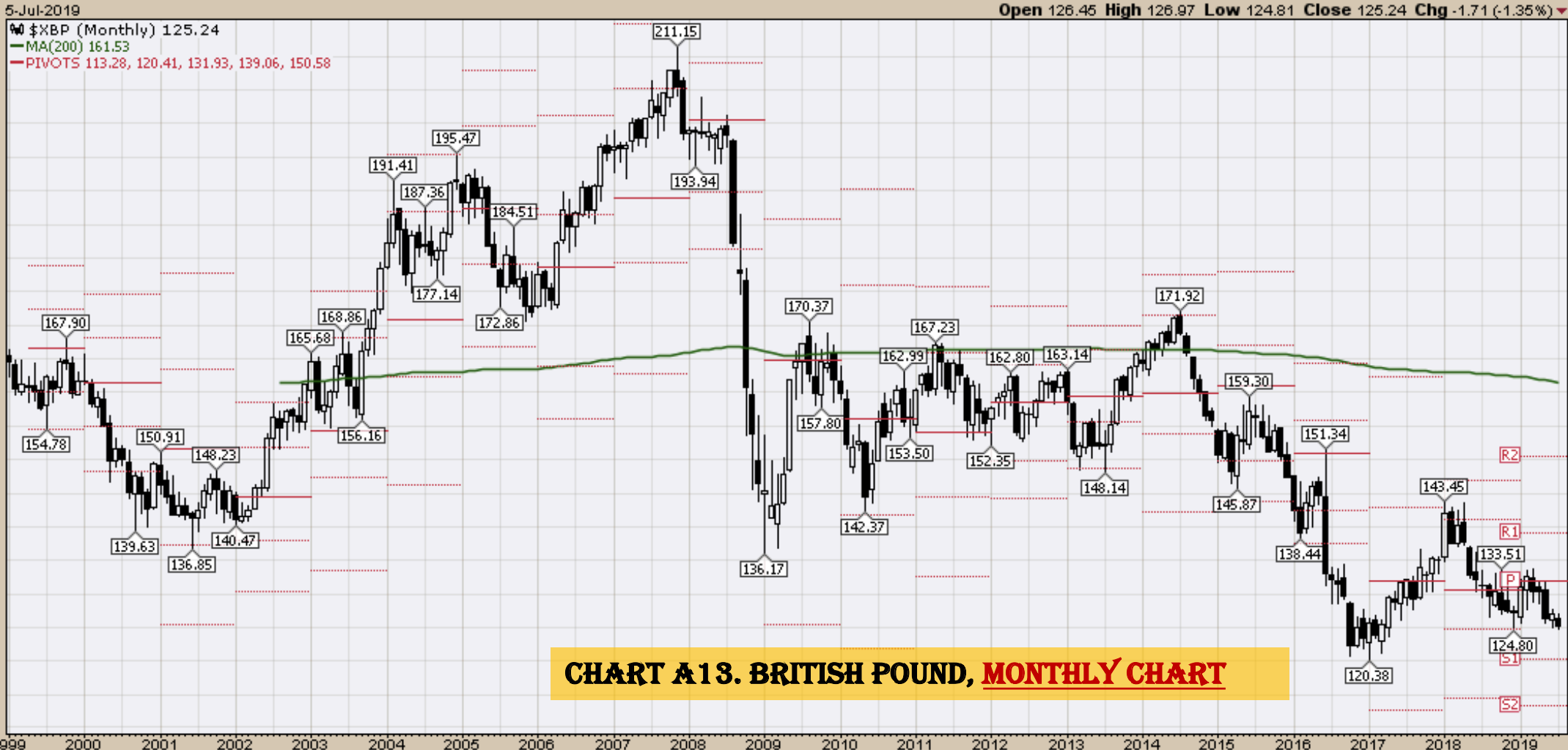
5-Jul-2019

Open 92.34 High 92.95 Low 91.89 Close 92.20 Chg -0.49 (-0.53%)

\$XJY (Monthly) 92.20
MA(200) 97.38
PIVOTS 82.77, 86.98, 91.49, 95.70, 100.21

CHART A12. JAPANESE YEN, MONTHLY CHART





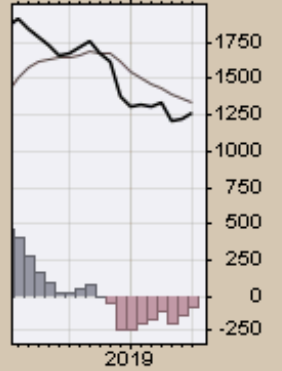
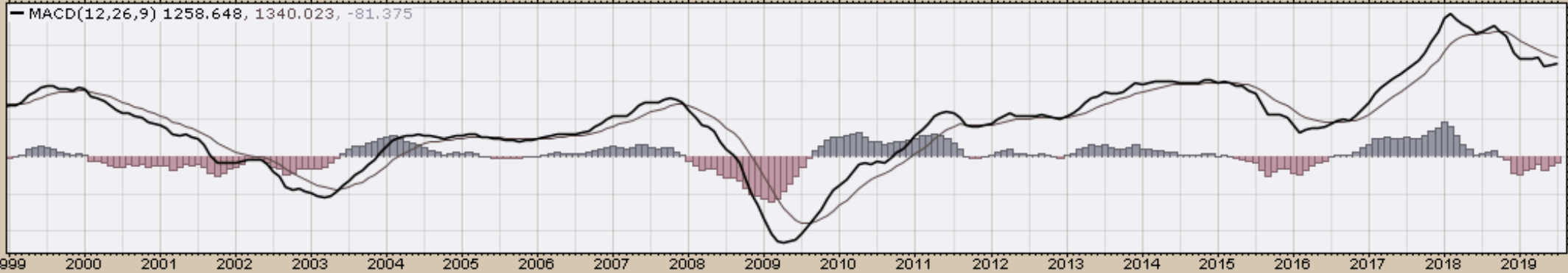
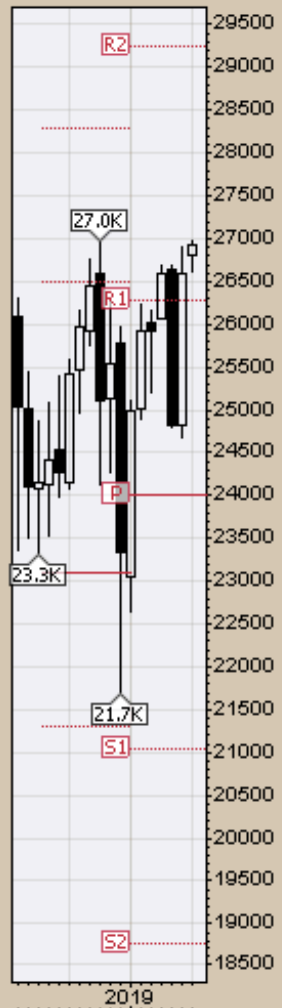
Select Equity and Transportation Charts
Monthly Charts

\$INDU (Monthly) 26922.12

MA(200) 14435.14

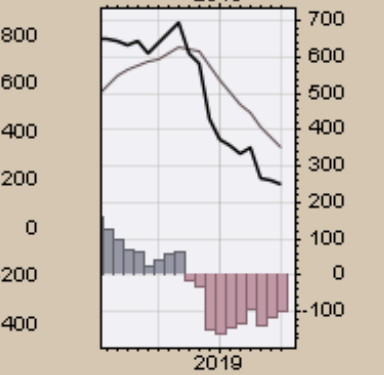
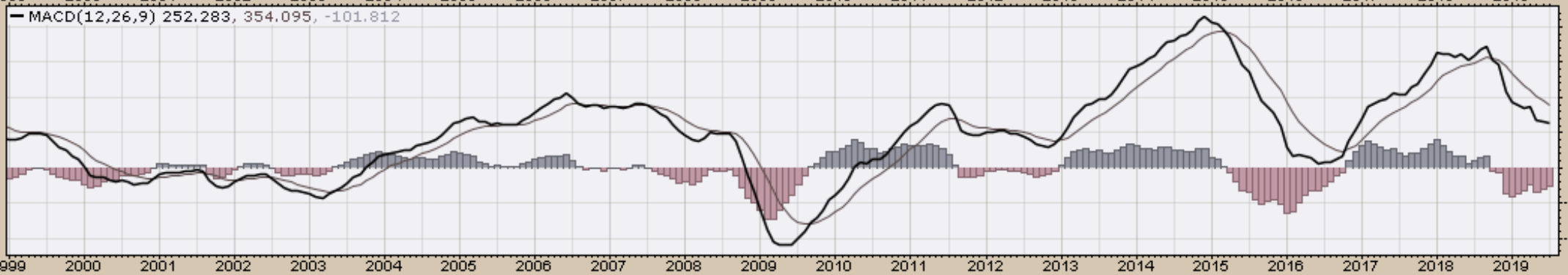
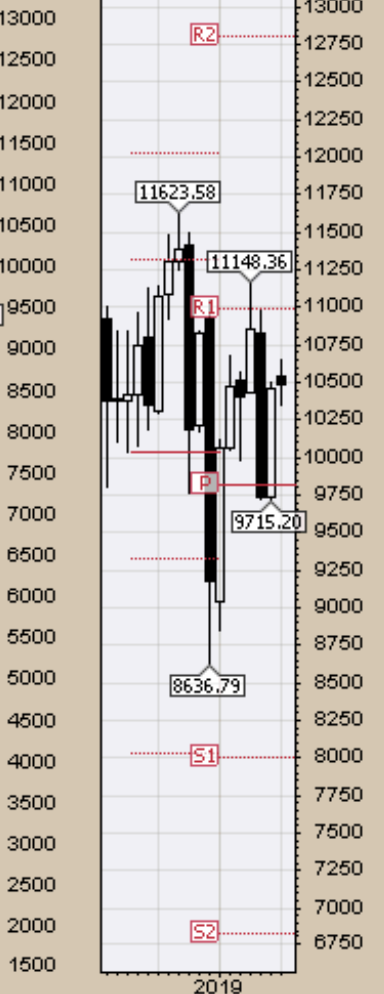
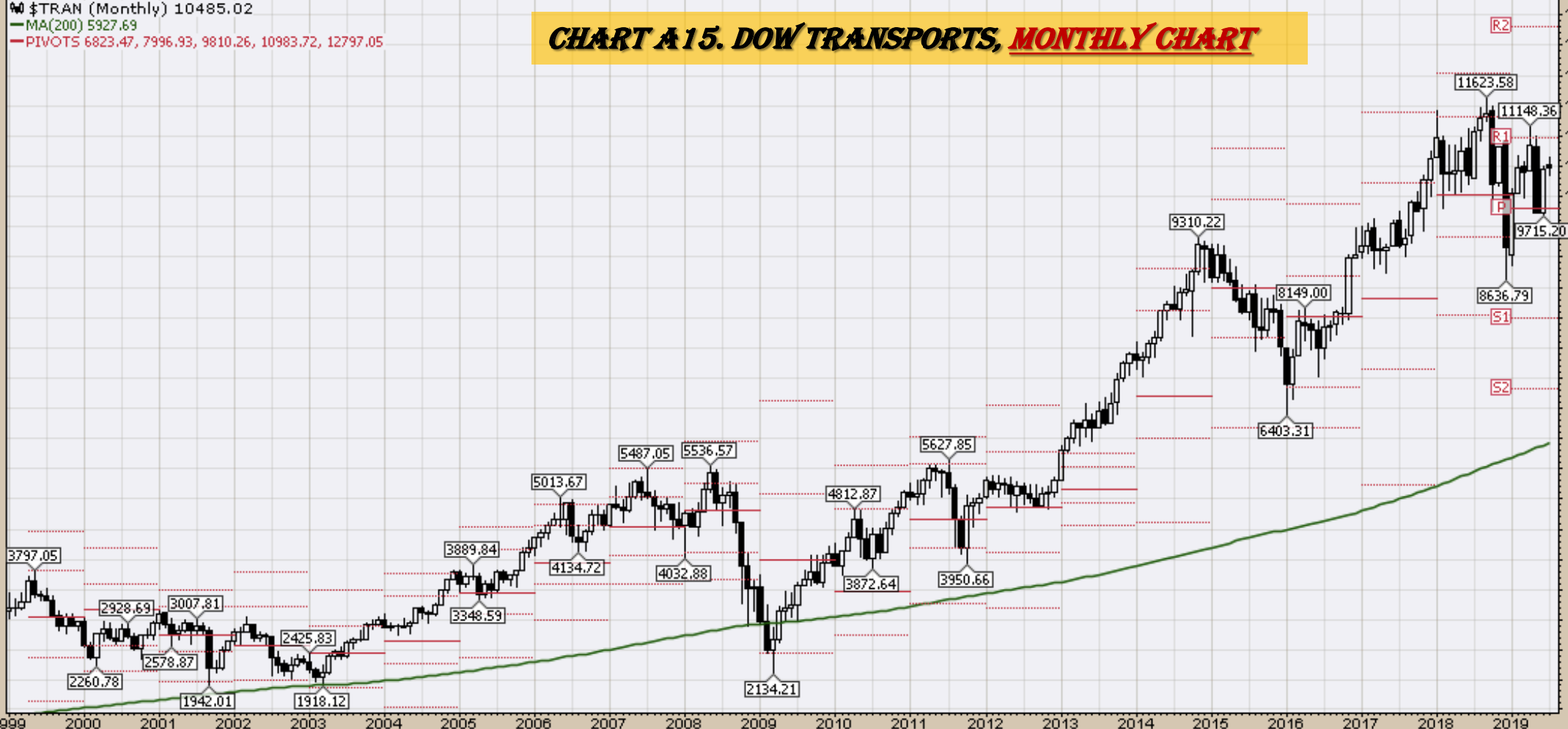
PIVOTS 18757.99, 21042.72, 23997.27, 26282.01, 29236.55

CHART A14. DOW JONES, MONTHLY CHART



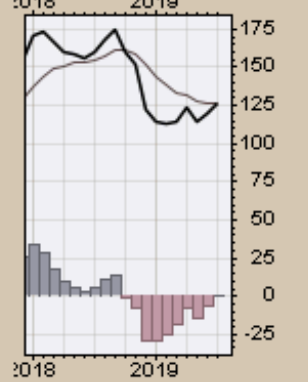
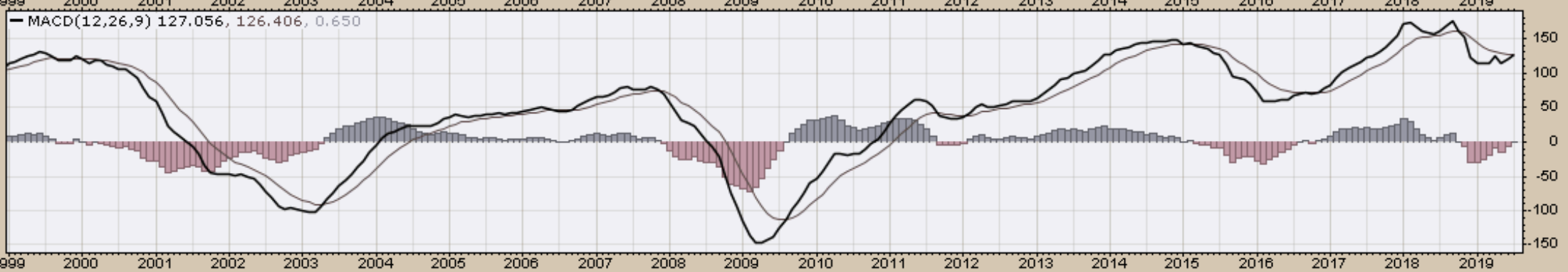
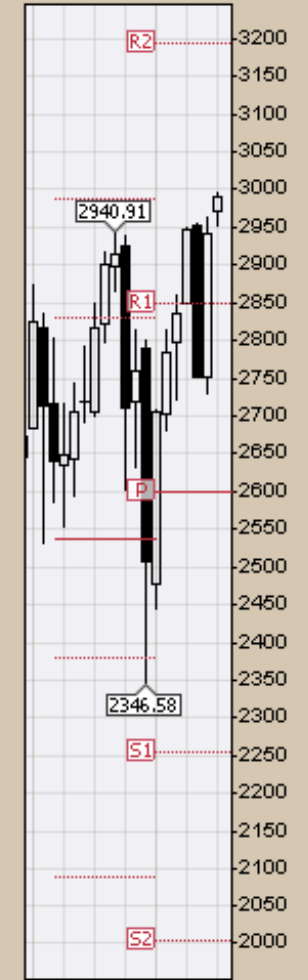
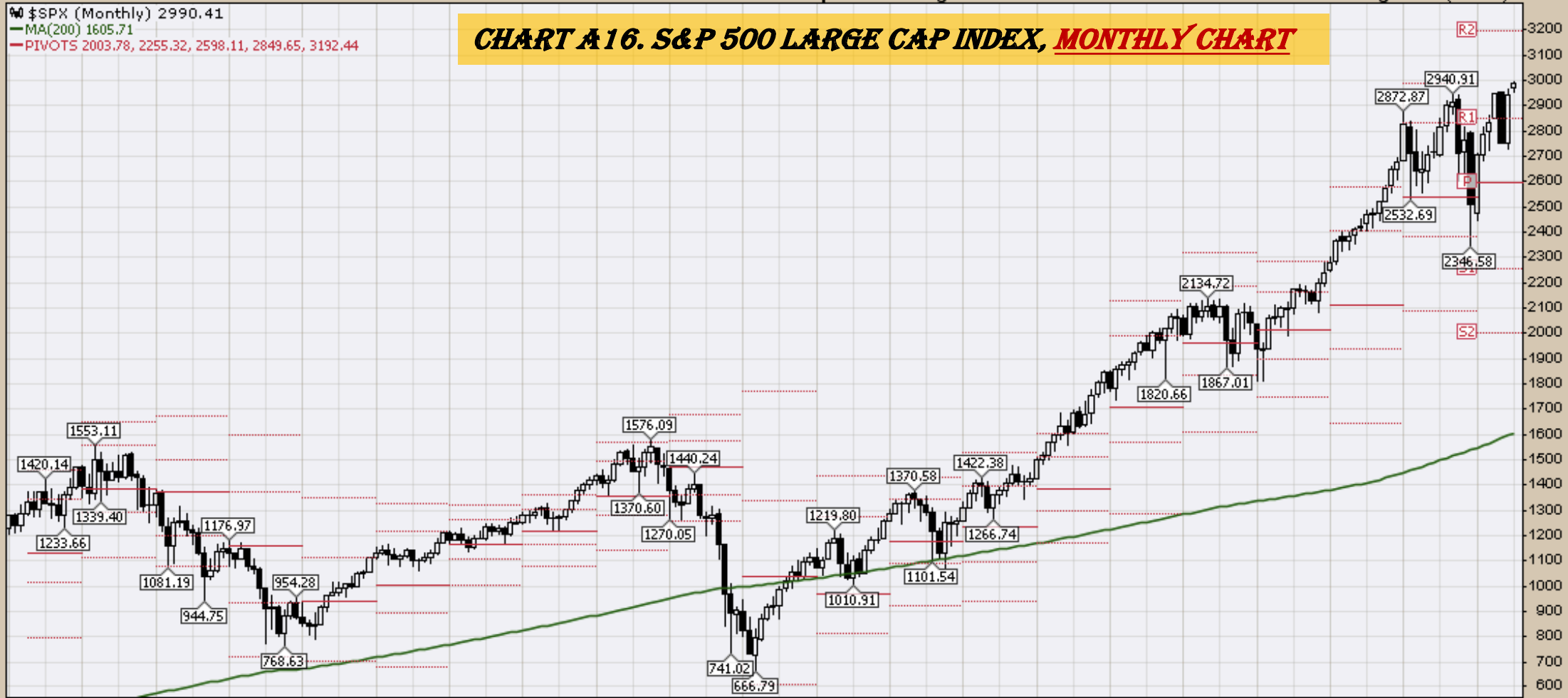
\$TRAN (Monthly) 10485.02
MA(200) 5927.69
PIVOTS 6823.47, 7996.93, 9810.26, 10983.72, 12797.05

CHART A15. DOW TRANSPORTS, MONTHLY CHART



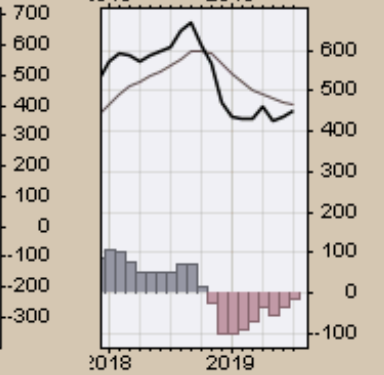
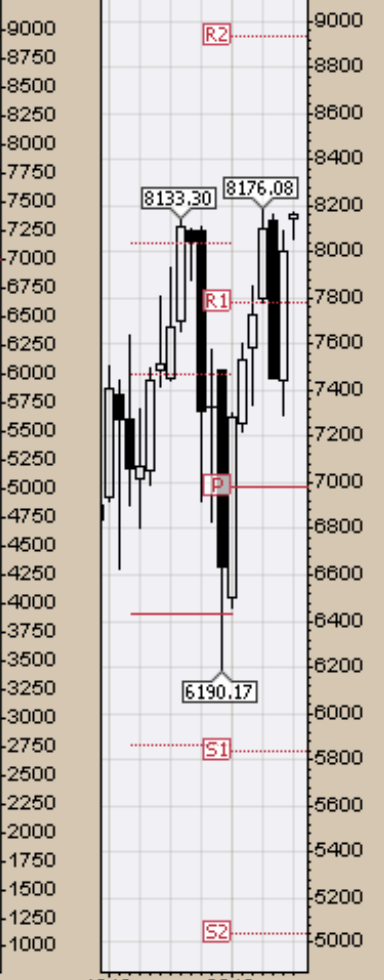
\$SPX (Monthly) 2990.41
MA(200) 1605.71
PIVOTS 2003.78, 2255.32, 2598.11, 2849.65, 3192.44

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



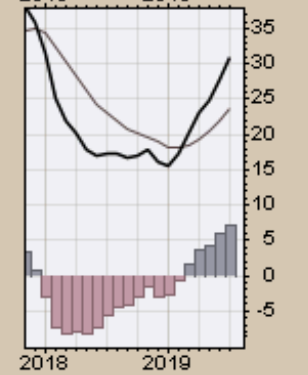
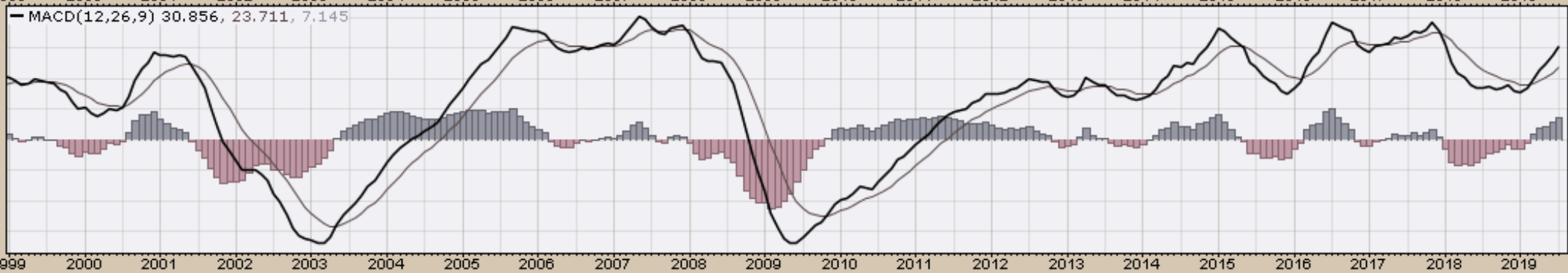
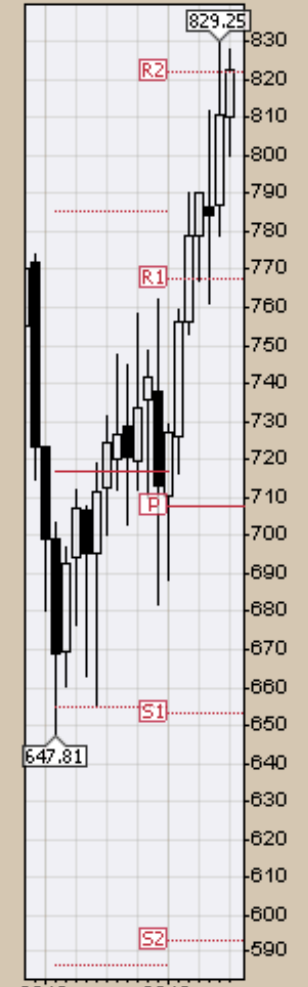
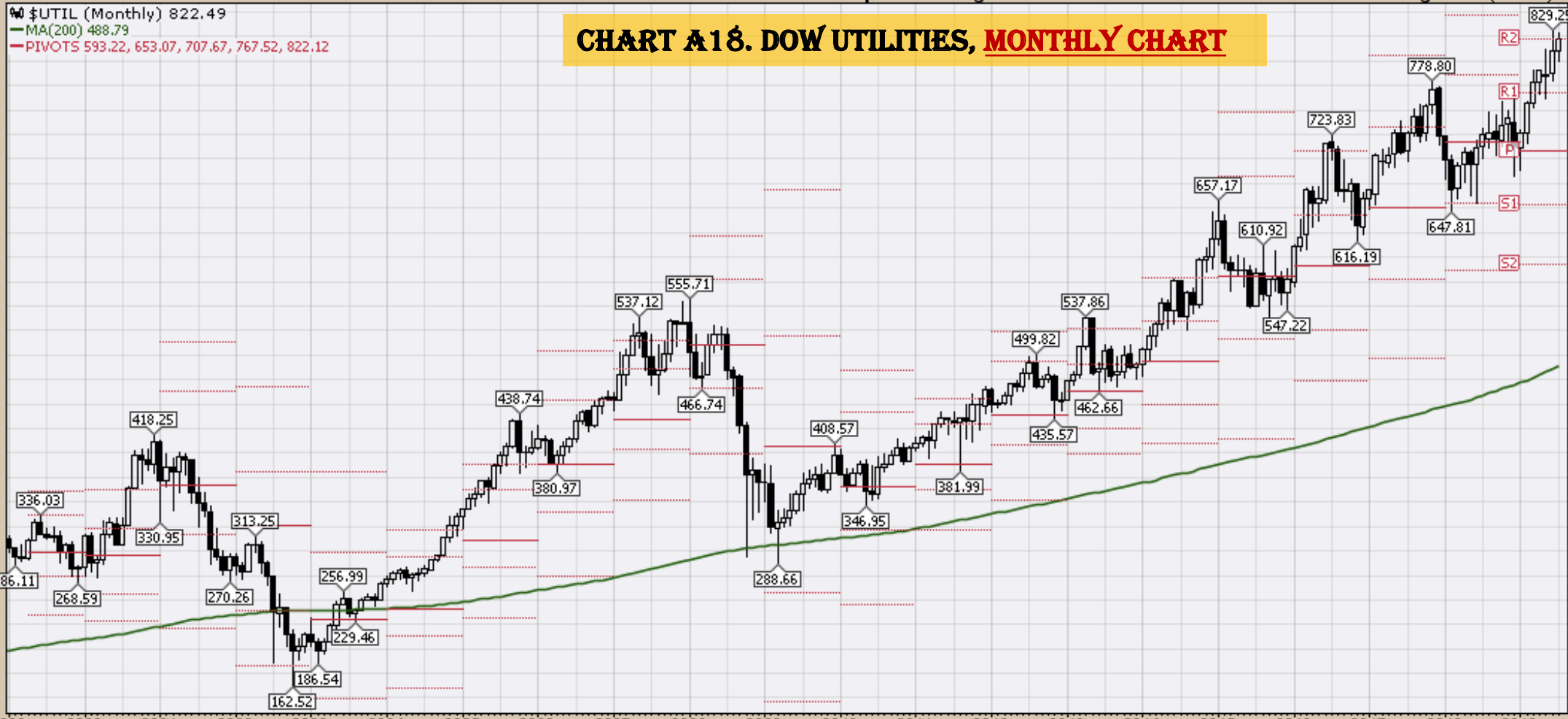
\$COMPQ (Monthly) 8161.79
MA(200) 3534.77
PIVOTS 5043.11, 5839.20, 6986.25, 7782.33, 8929.38

CHART A 17. NASDAQ COMPOSITE, MONTHLY CHART



\$UTIL (Monthly) 822.49
MA(200) 488.79
PIVOTS 593.22, 653.07, 707.67, 767.52, 822.12

CHART A18. DOW UTILITIES, MONTHLY CHART



Select Global Equity Charts

▲ EFA (Monthly) 66.17
— MA(200) 46.65
— PIVOTS 45.62, 51.58, 61.53, 67.49, 77.43

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

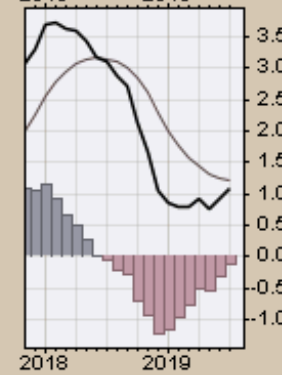
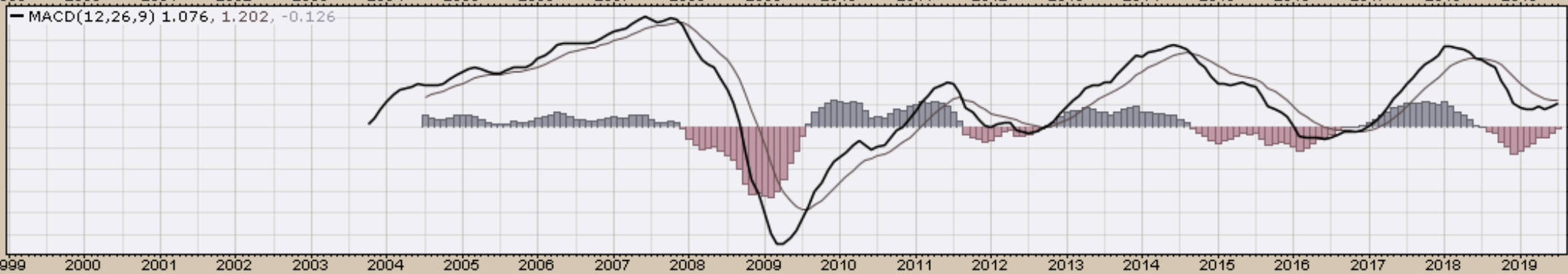
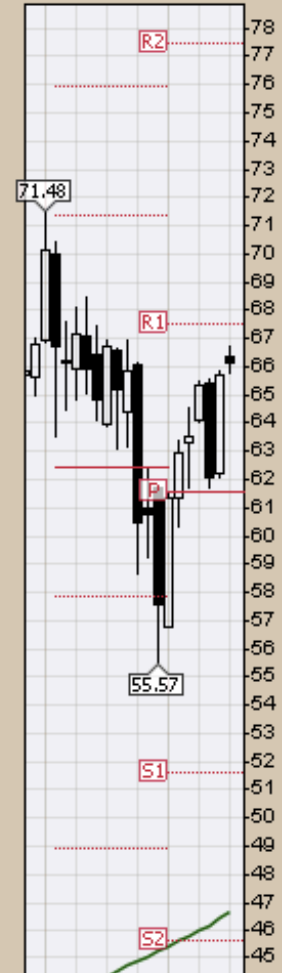
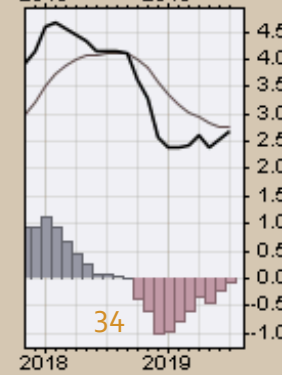
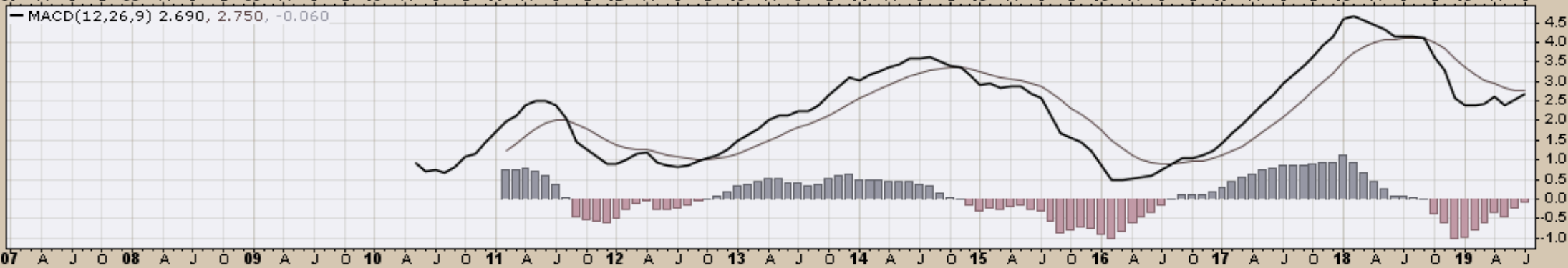
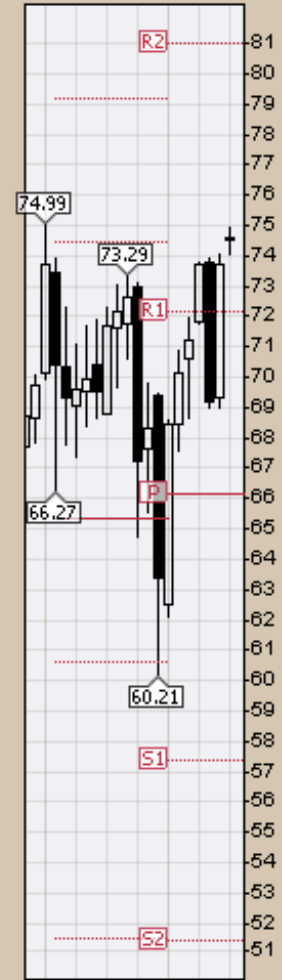
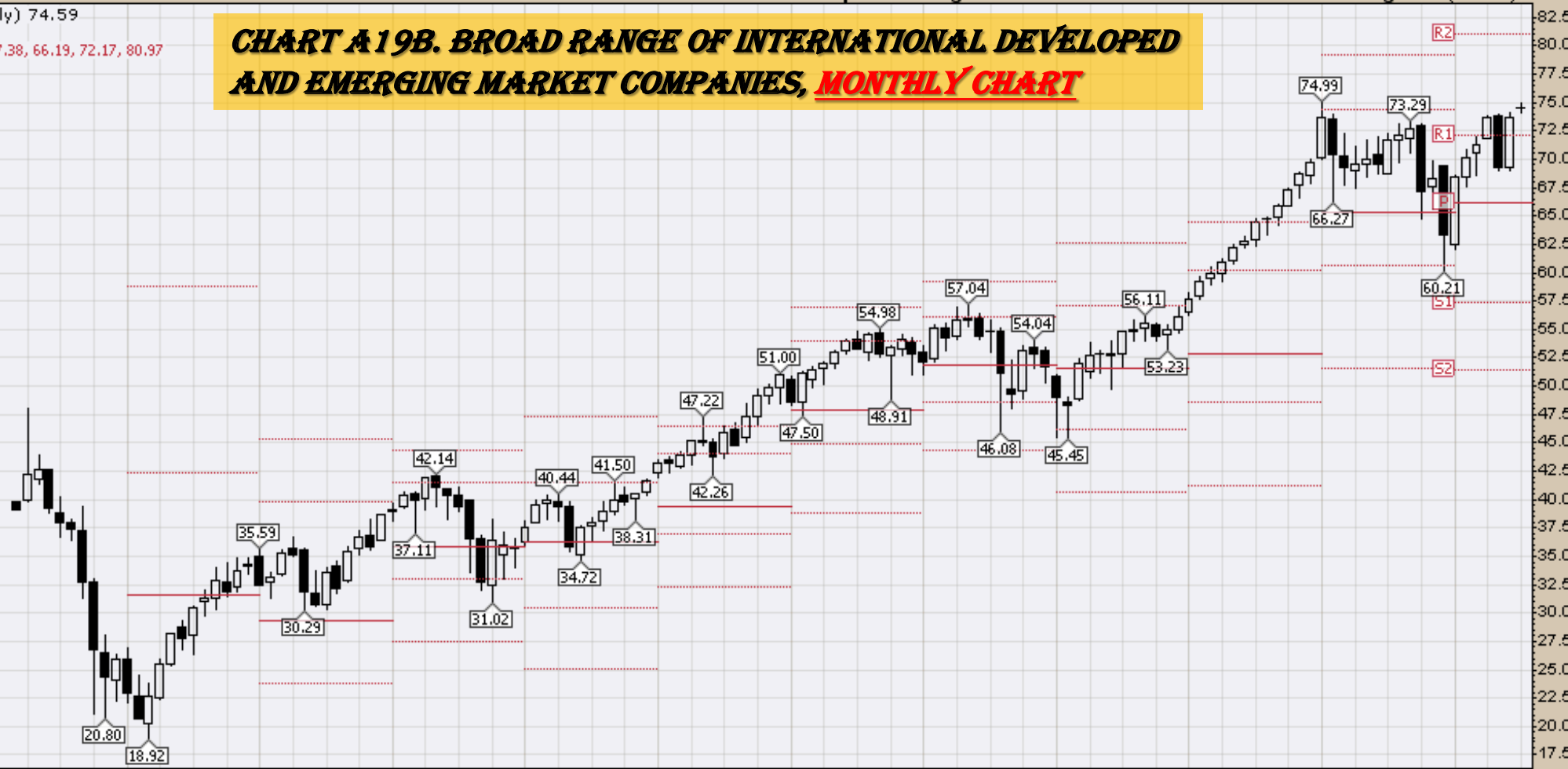


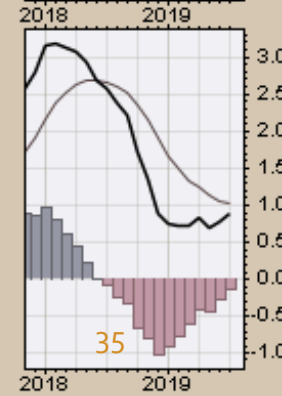
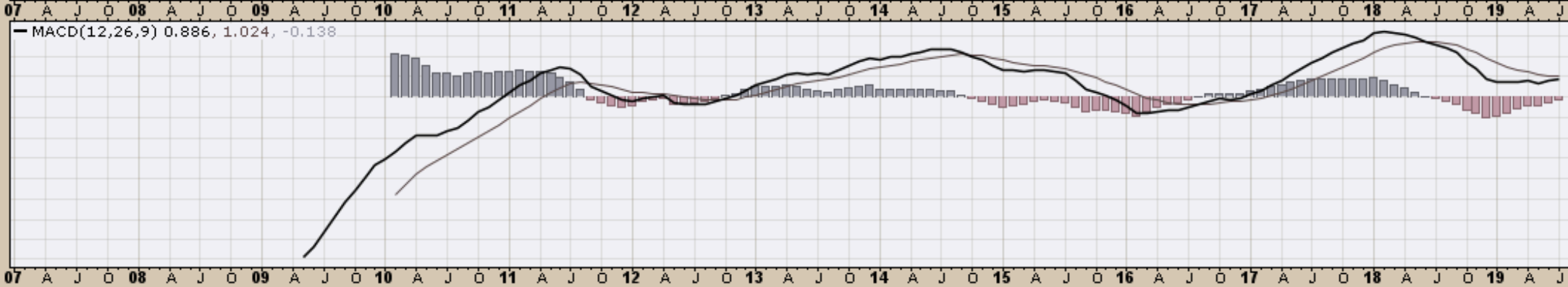
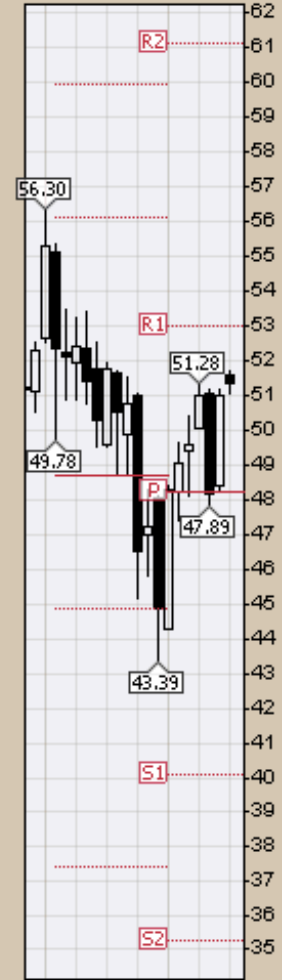
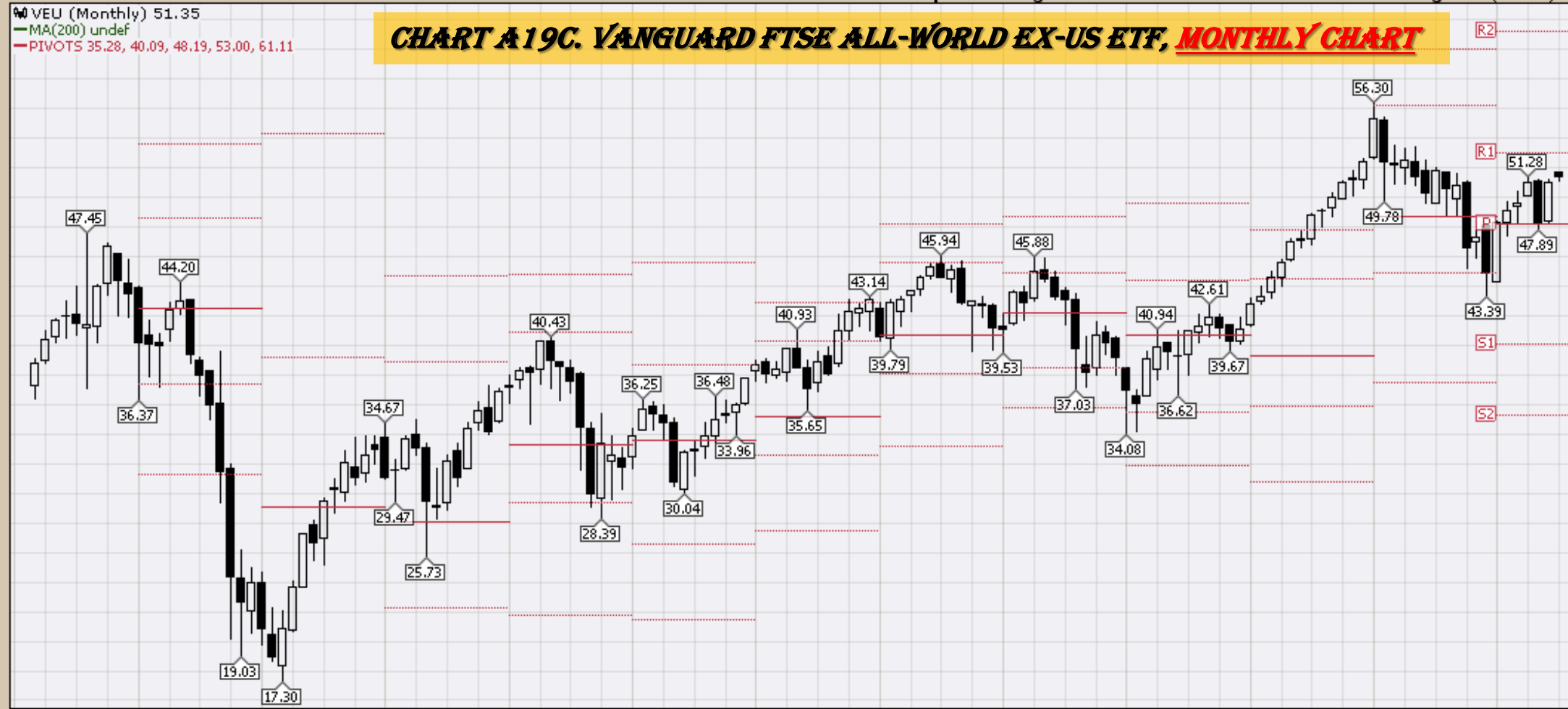
CHART A19B. BROAD RANGE OF INTERNATIONAL DEVELOPED AND EMERGING MARKET COMPANIES, MONTHLY CHART

ACWI (Monthly) 74.59
MA(200) undef
PIVOTS 51.40, 57.38, 66.19, 72.17, 80.97



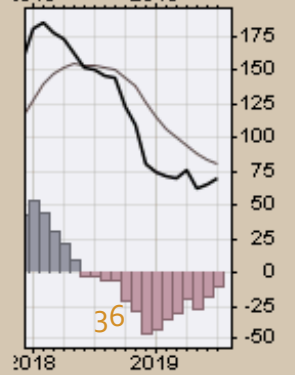
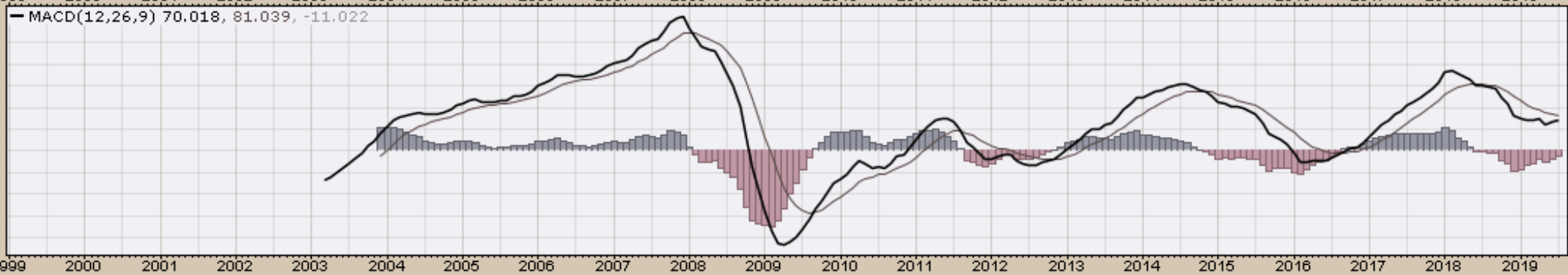
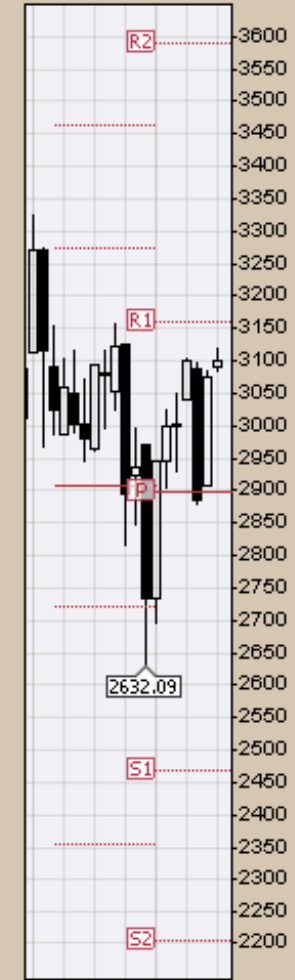
VEU (Monthly) 51.35
MA(200) undef
PIVOTS 35.28, 40.09, 48.19, 53.00, 61.11

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



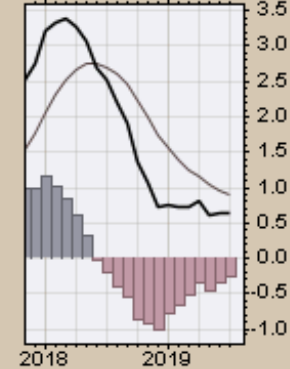
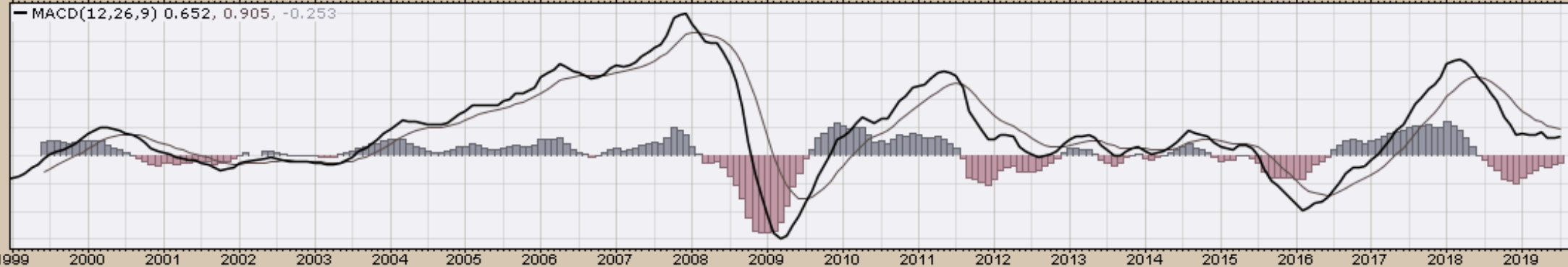
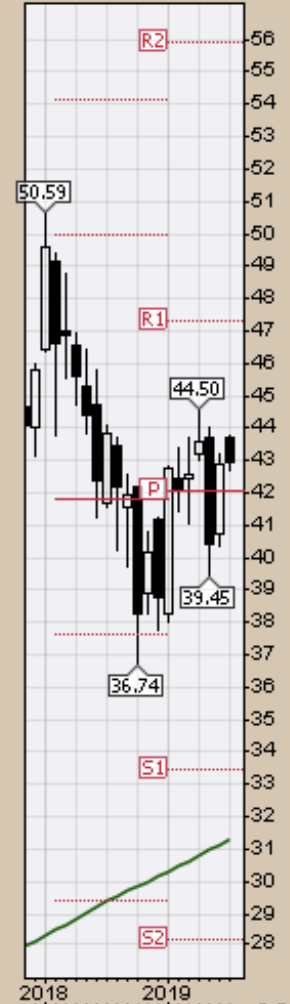
\$GDOW (Monthly) 3101.47
MA(200) 2104.87
PIVOTS 2205.09, 2469.75, 2896.74, 3161.40, 3588.39

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



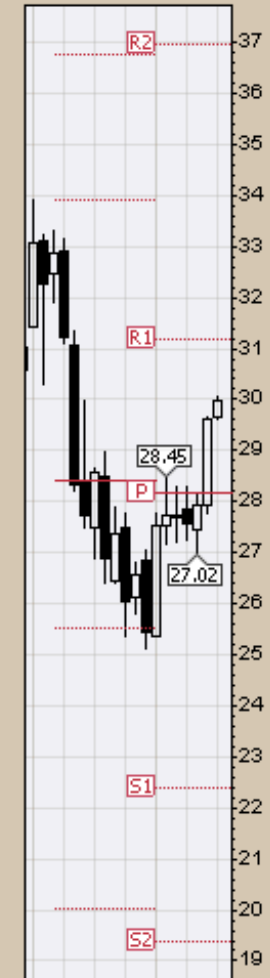
▲ EEM (Monthly) 42.93
— MA(200) 31.31
— PIVOTS 28.18, 33.47, 42.03, 47.32, 55.88

CHART A20A. EMERGING MARKETS, MONTHLY CHART



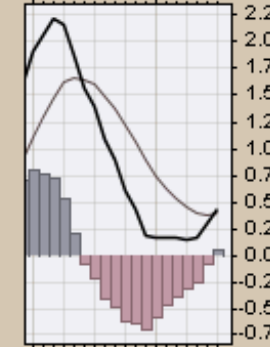
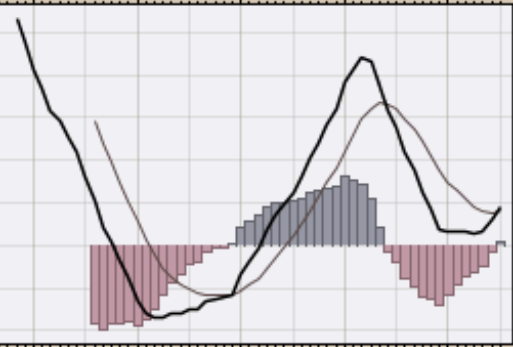
FM (Monthly) 29.99
MA(200) undef
PIVOTS 19.37, 22.41, 28.15, 31.20, 36.94

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

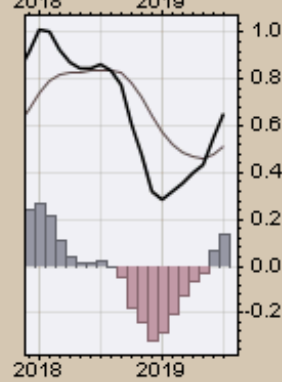
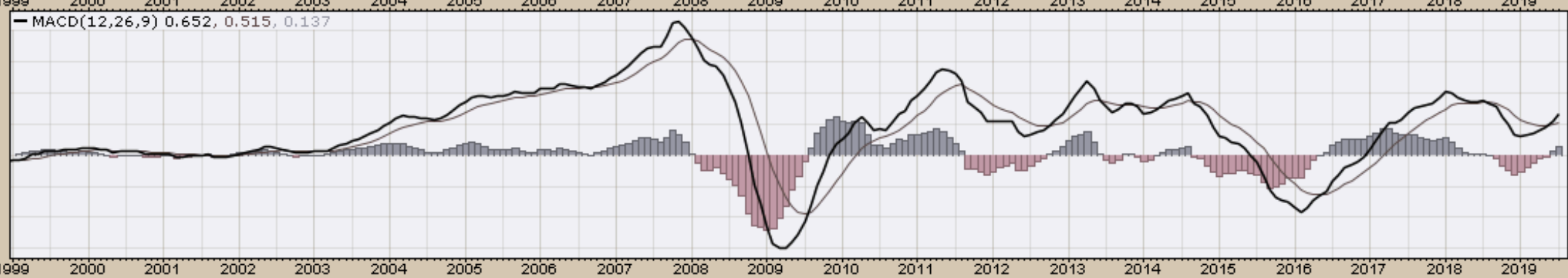
MACD(12,26,9) 0.447, 0.396, 0.051



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

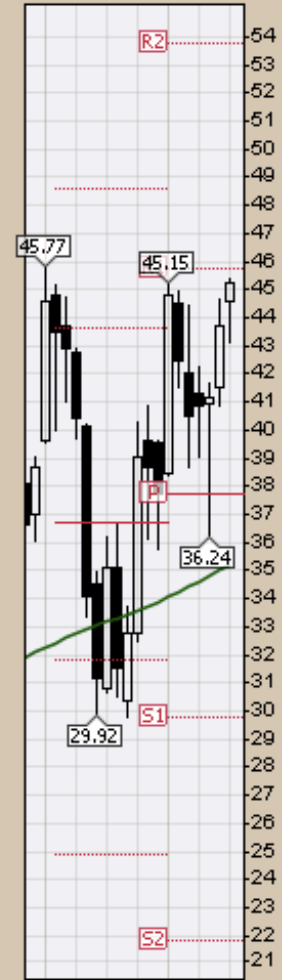
▲ EWA (Monthly) 22.78
— MA(200) 14.78
— PIVOTS 15.34, 17.10, 19.75, 21.51, 24.15

CHART A21. AUSTRALIA, MONTHLY CHART

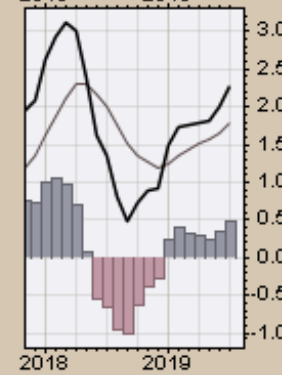


EWZ (Monthly) 45.24
MA(200) 35.21
PIVOTS 21.80, 29.76, 37.77, 45.73, 53.73

CHART A22. BRAZIL, MONTHLY CHART



MACD(12,26,9) 2.266, 1.777, 0.489



5-Jul-2019

Open 28.89 High 29.01 Low 28.61 Close 28.96 Volume 7.2M Chg +0.34 (+1.19%)▲

▲ EWC (Monthly) 28.96
— MA(200) 21.40
— PIVOTS 18.43, 21.09, 25.34, 28.00, 32.25

CHART A23. CANADA, MONTHLY CHART

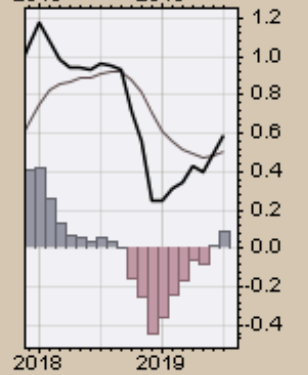
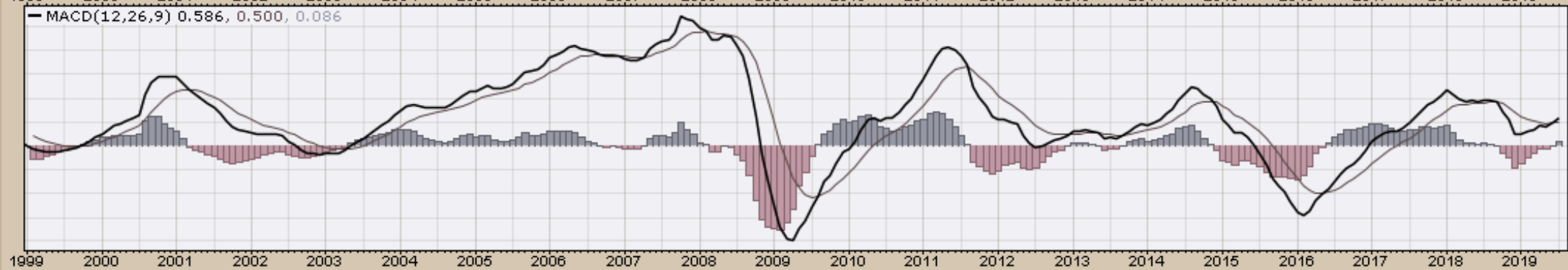
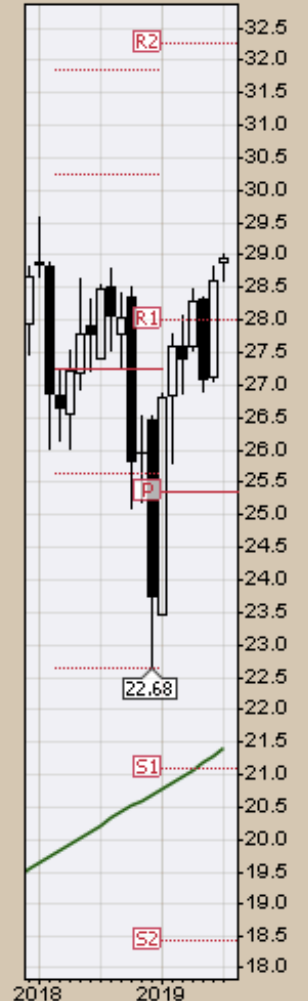
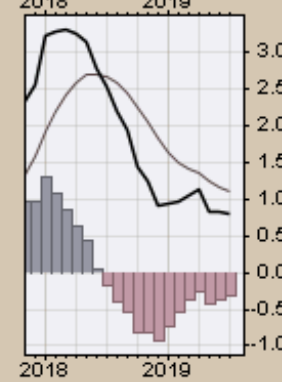
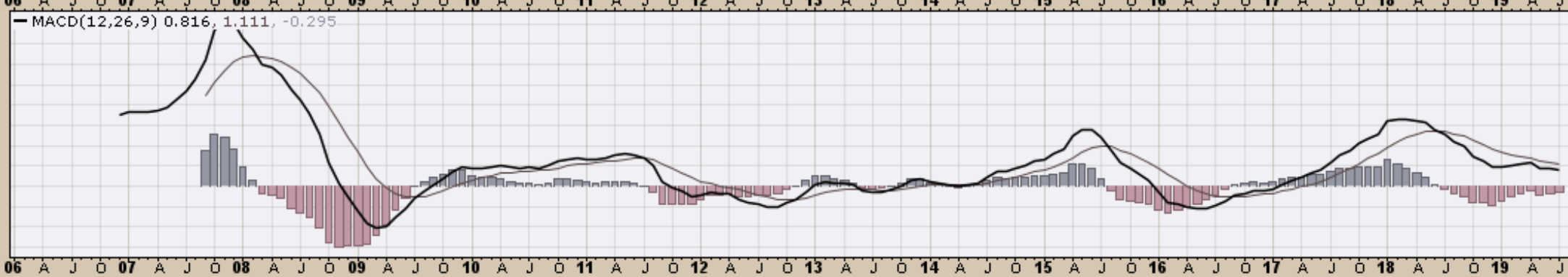
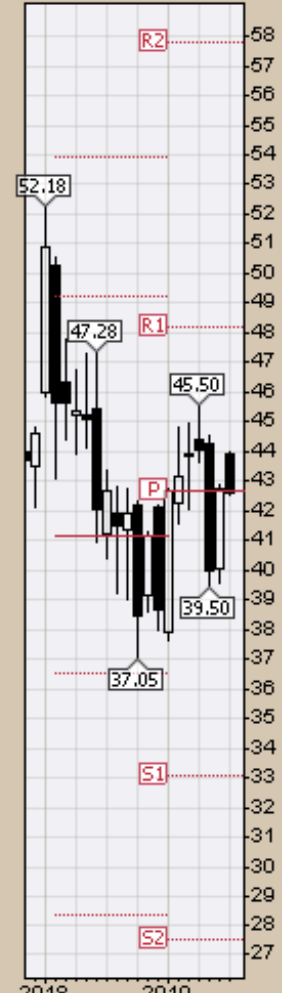


CHART A24. CHINA, MONTHLY CHART

FXI (Monthly) 42.63
MA(200) undef
PIVOTS 27.51, 33.10, 42.64, 48.23, 57.76



EWJ (Monthly) 55.45
MA(200) 40.91
PIVOTS 39.38, 44.80, 53.98, 59.40, 68.57

CHART A25. MEXICO, MONTHLY CHART

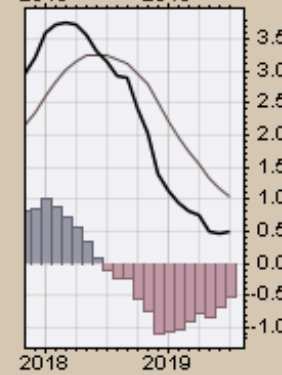
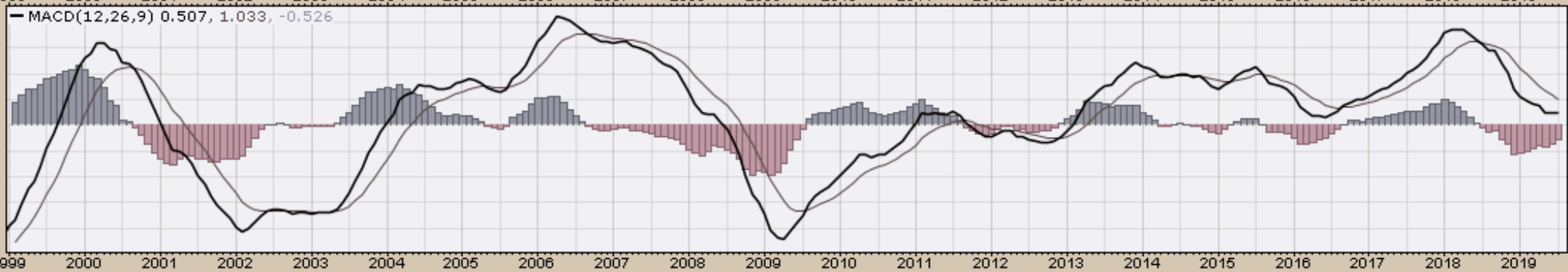
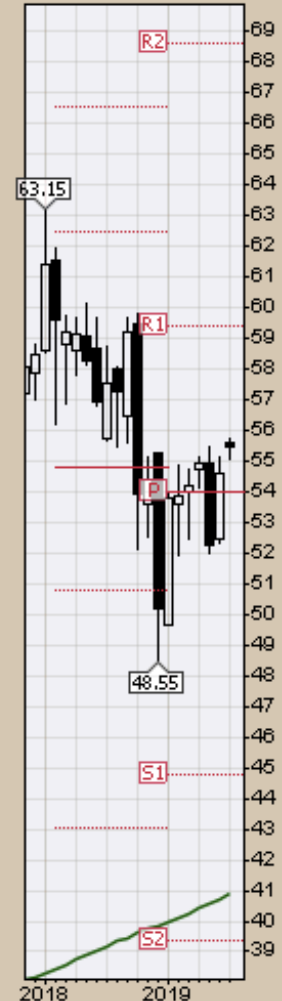
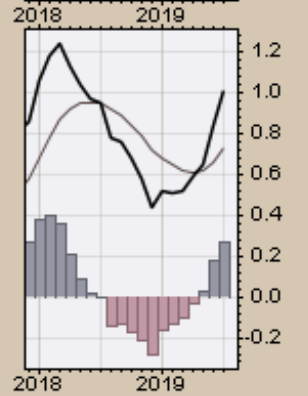
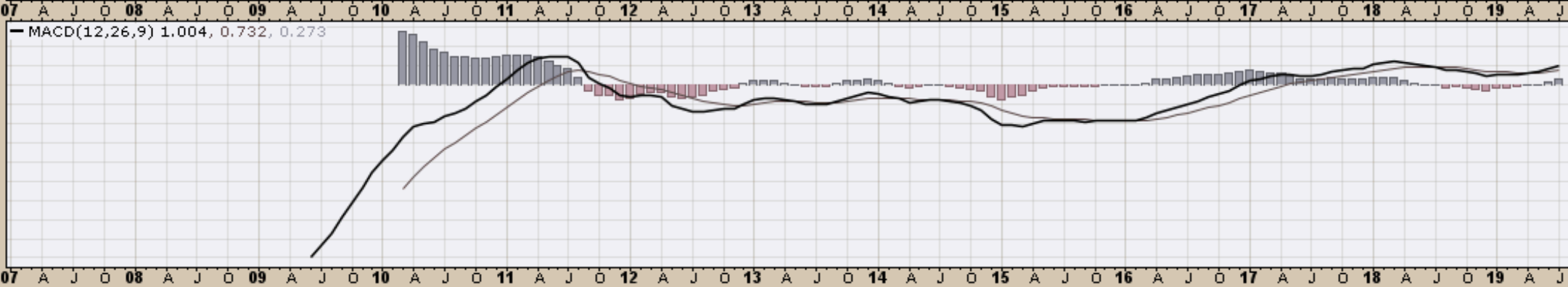
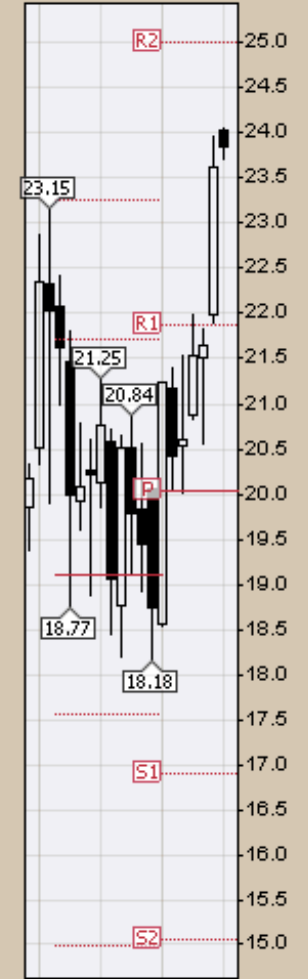


CHART A26. JAPAN, MONTHLY CHART



RSX (Monthly) 23.85
MA(200) undef
PIVOTS 15.06, 16.90, 20.03, 21.87, 24.99

CHART A27. RUSSIA, MONTHLY CHART

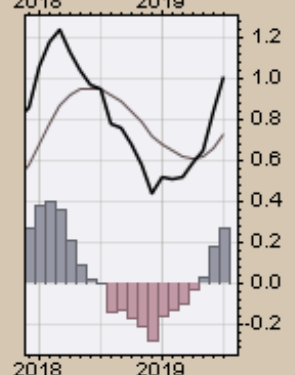
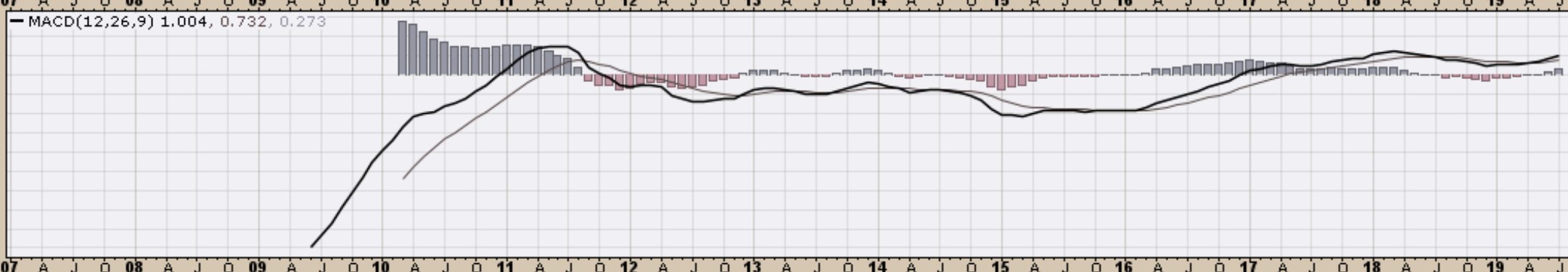
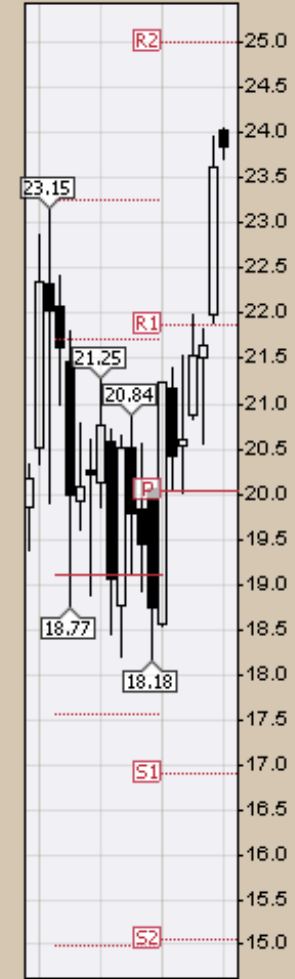
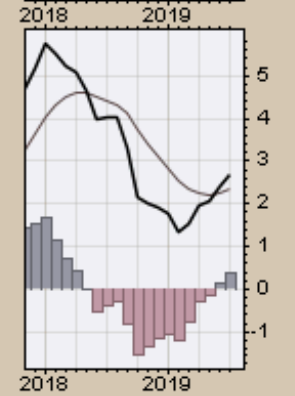
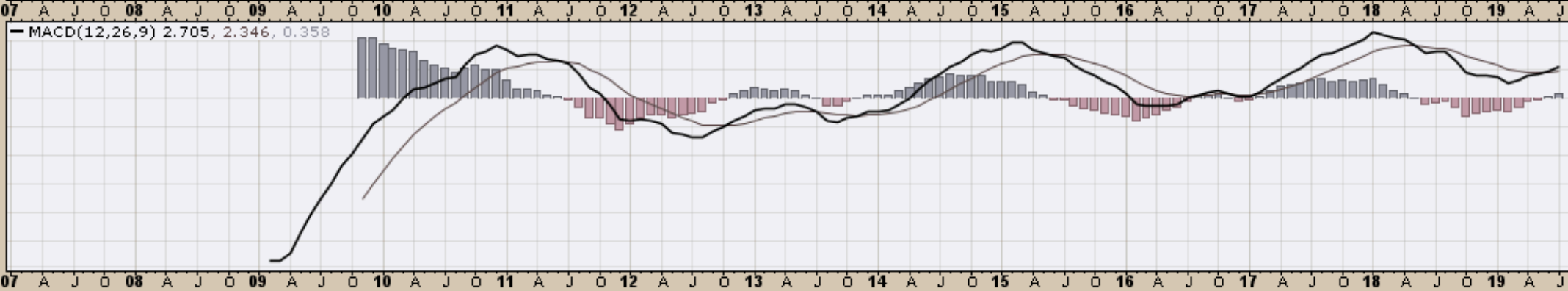
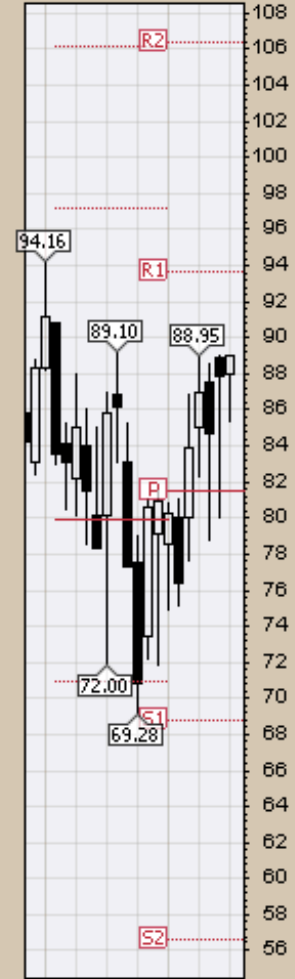
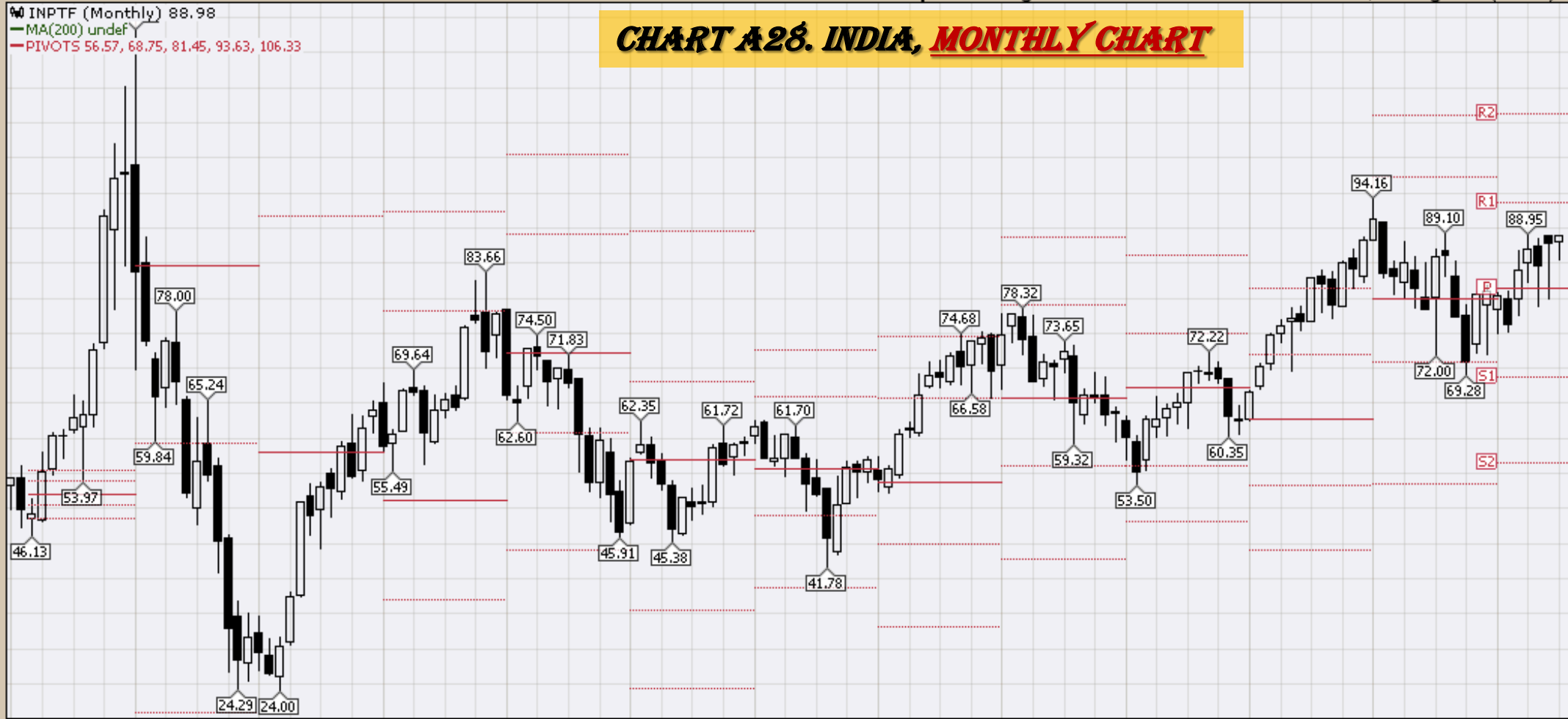


CHART A28. INDIA, MONTHLY CHART

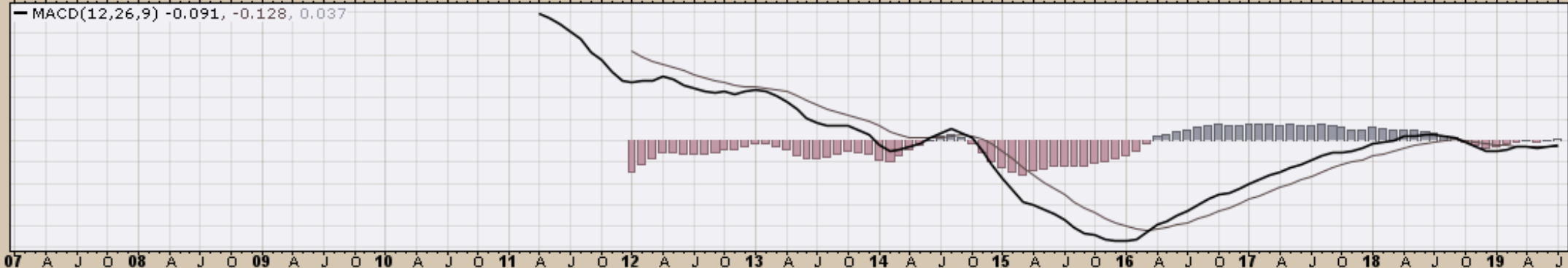
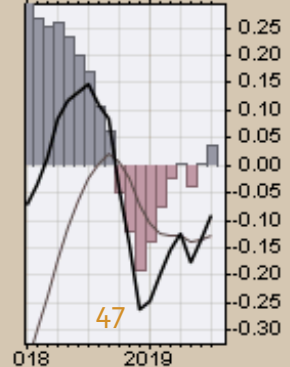
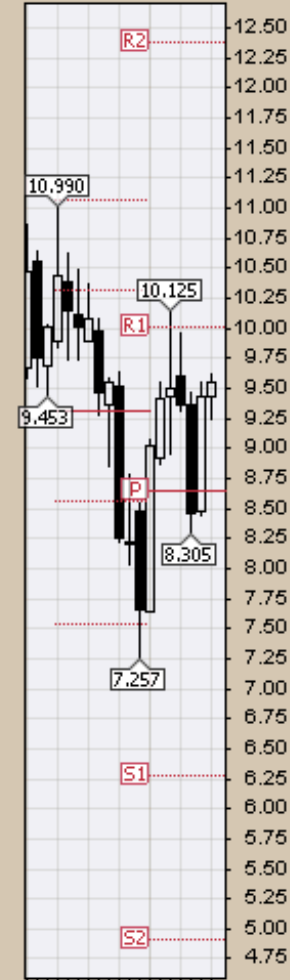
INPTF (Monthly) 88.98
MA(200) undef
PIVOTS 56.57, 68.75, 81.45, 93.63, 106.33

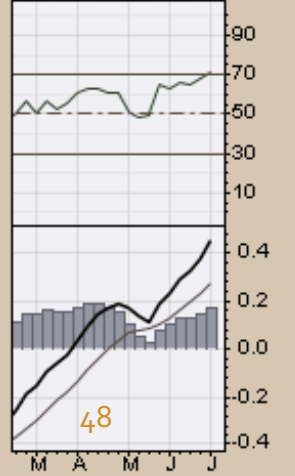
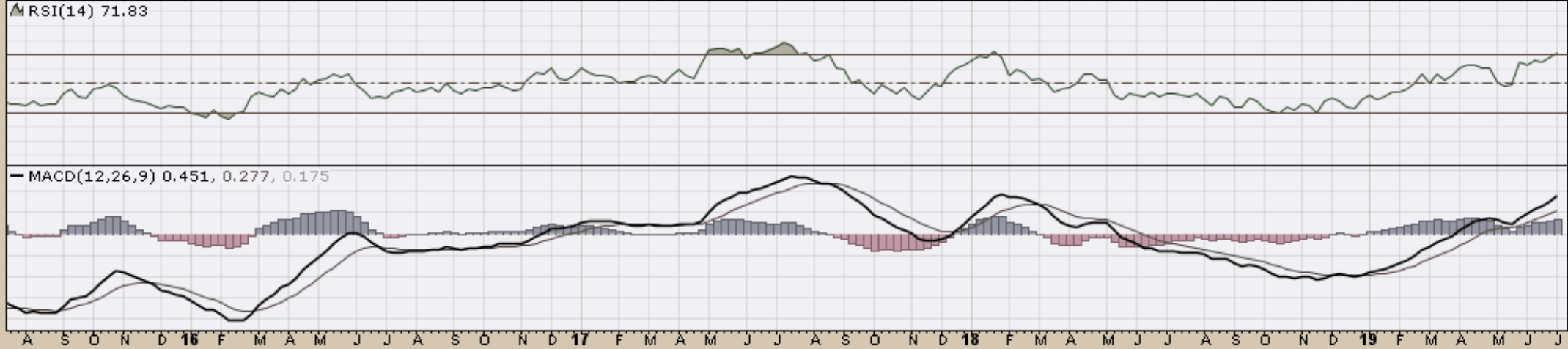
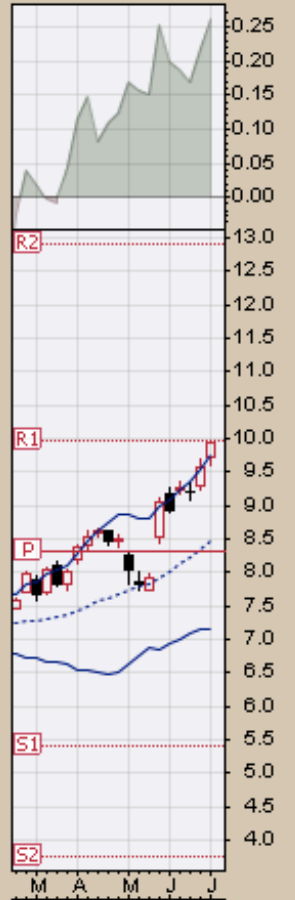


5-Jul-2019

Open 9.43 High 9.62 Low 9.24 Close 9.55 Volume 420.9K Chg +0.12 (+1.27%) ▲

▲ GXG (Monthly) 9.55
— MA(200) undef
— PIVOTS 4.90, 6.28, 8.64, 10.02, 12.37



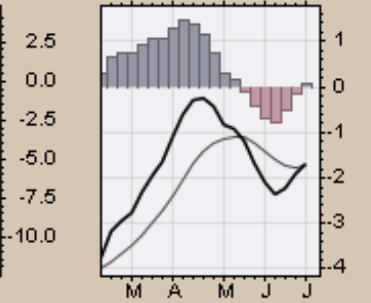
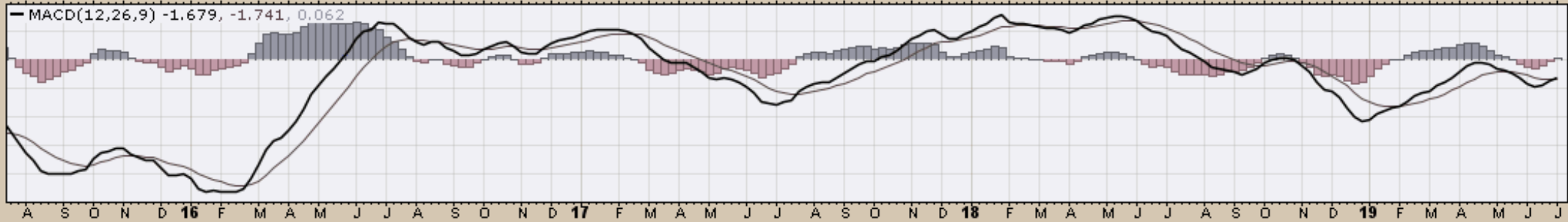
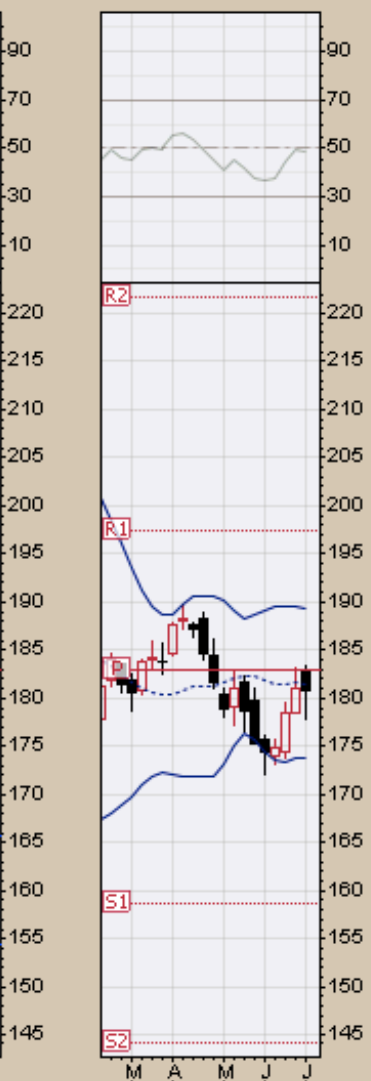


CRB Commodity Index
Weekly, Daily, Monthly and Quarterly Charts

RSI(14) 48.74

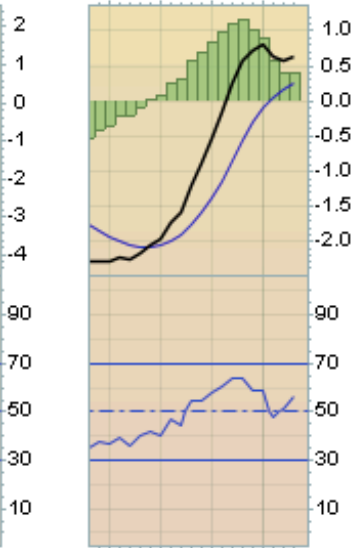
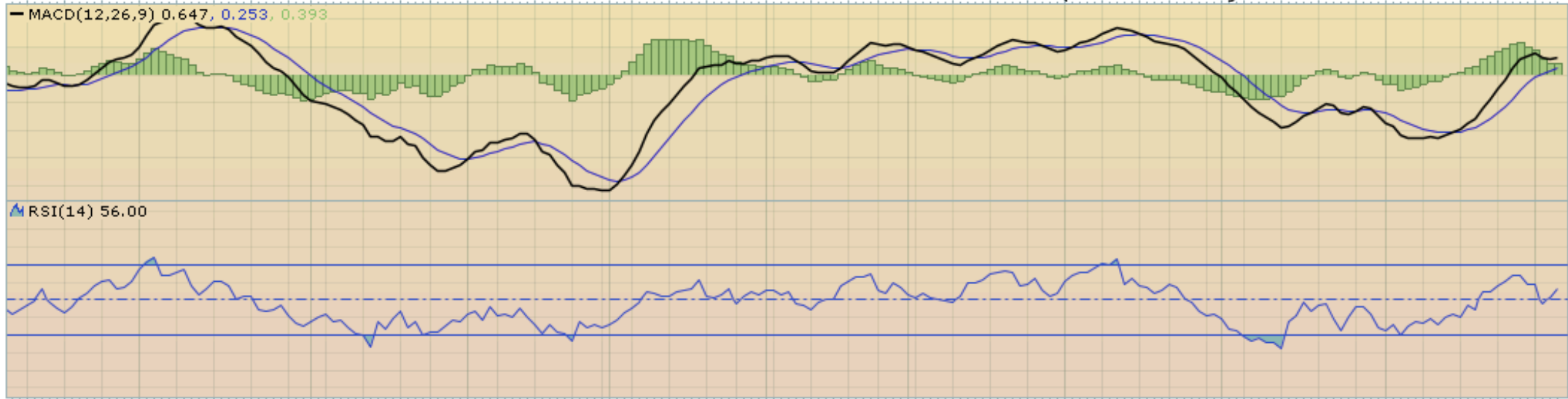
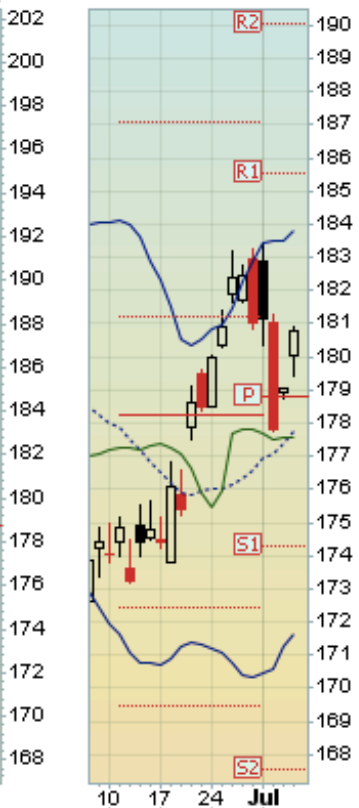
CHART B1. \$CRB REUTERS/JEFFERIES CRB INDEX WEEKLY CHART

\$CRB (Weekly) 180.78
BB(20,2,0) 173.69 - 181.56 - 189.42
PIVOTS 144.10, 158.73, 182.84, 197.47, 221.58
Volume undef



Reuters/Jefferies CRB Index (EOD) (Daily) 180.78
BB(20,2,0) 171.64 - 177.73 - 183.81
PIVOTS 167.53, 174.28, 178.77, 185.53, 190.02
CHANDLR(22,3,0) 177.60
Volume undef

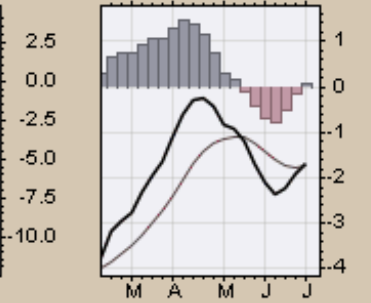
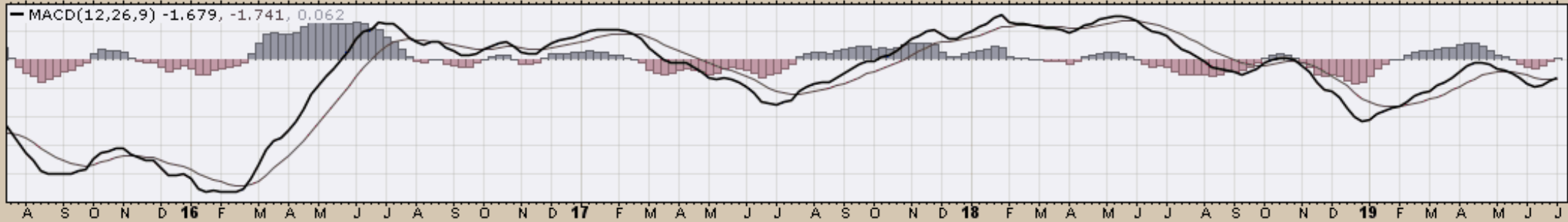
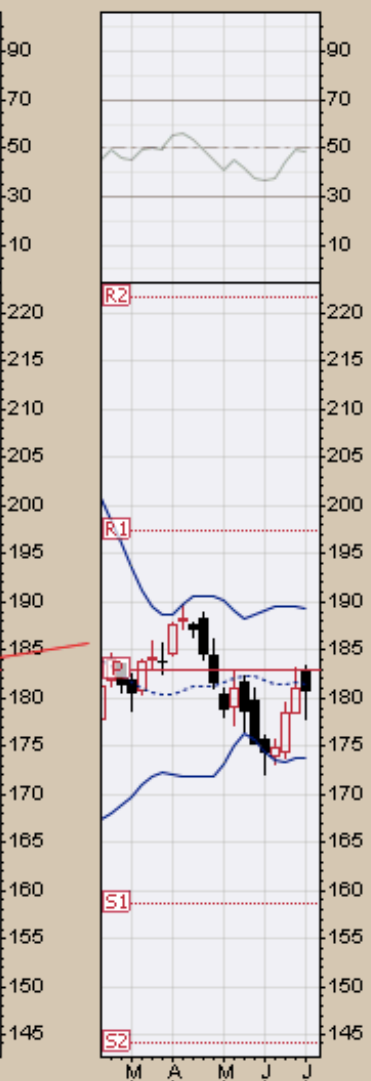
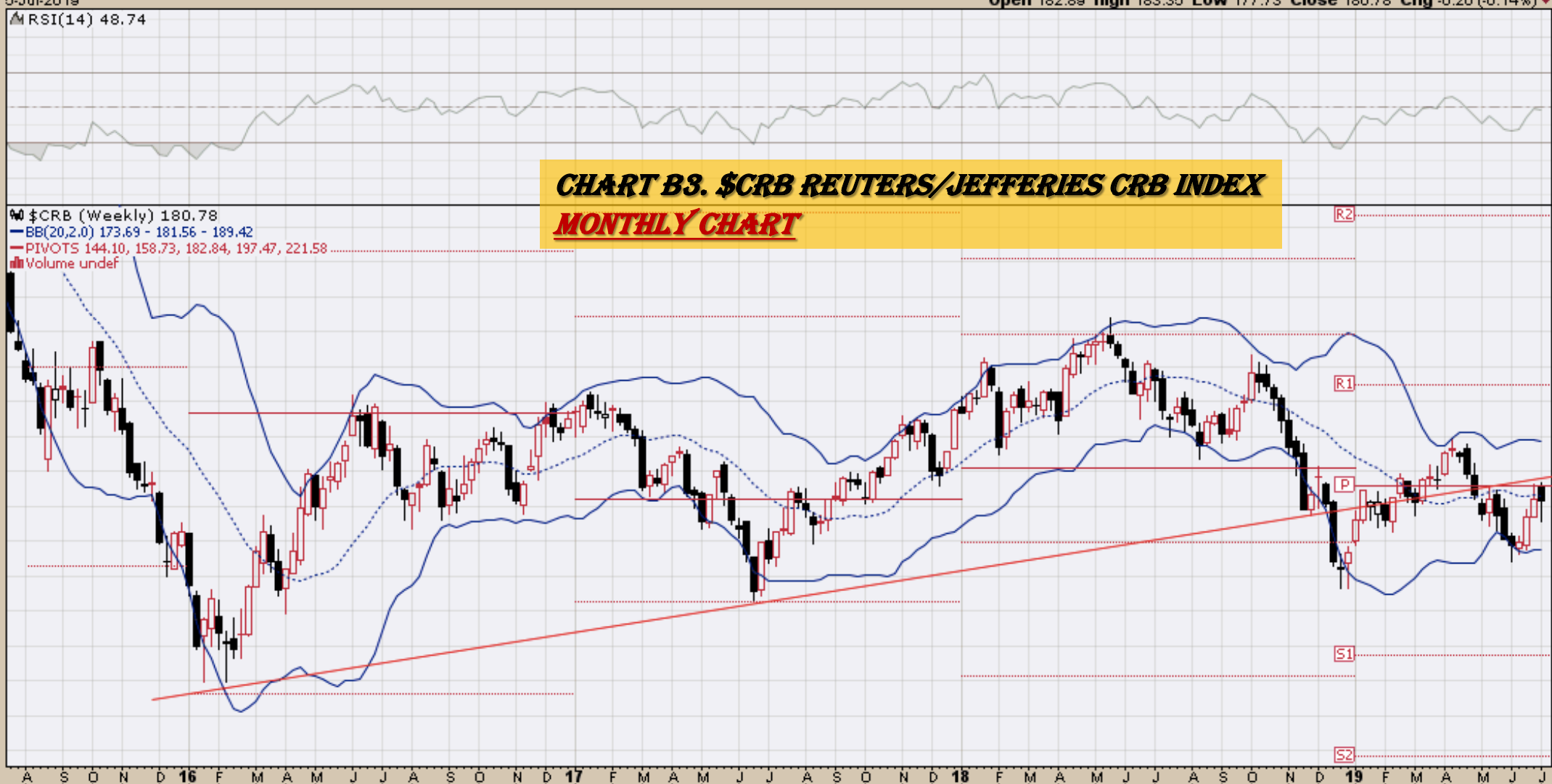
CHART B2. \$CRB REUTERS/JEFFERIES CRB INDEX DAILY CHART



RSI(14) 48.74

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

\$CRB (Weekly) 180.78
BB(20,2,0) 173.69 - 181.56 - 189.42
PIVOTS 144.10, 158.73, 182.84, 197.47, 221.58
Volume undef



MACD(12,26,9) -21.674, -24.015, 2.341

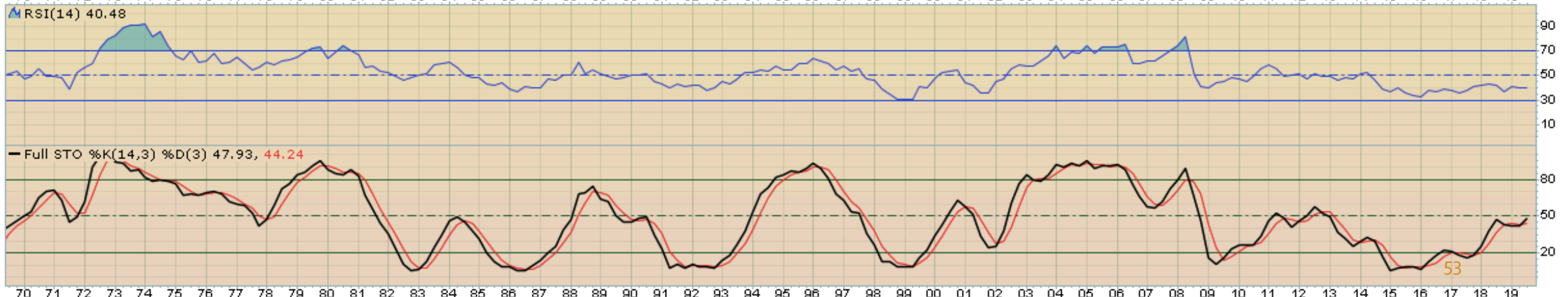
% \$CRB (Quarterly) 180.78

MA(50) 258.99

MA(200) 232.79

EMA(20) 202.08

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



— \$CRB (Monthly) 180.78

— MA(200) 268.77

■ Volume undef

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



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

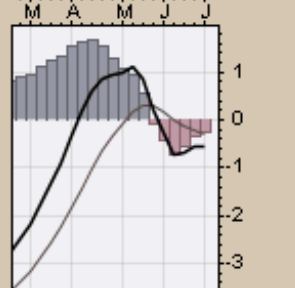
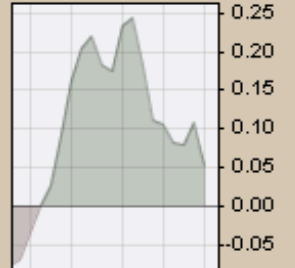
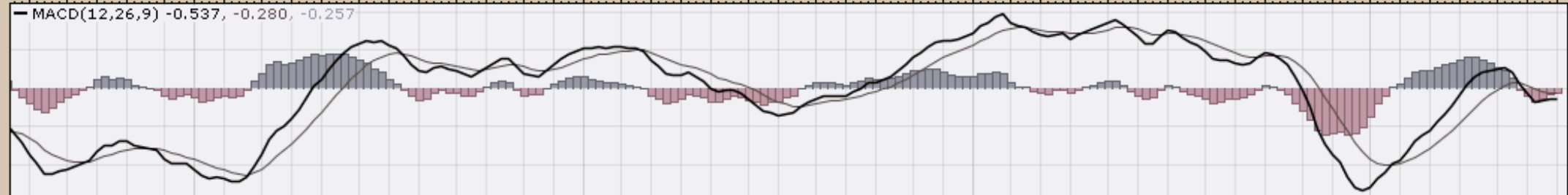
5-Jul-2019

Open 59.27 High 60.28 Low 56.04 Close 57.51 Volume 281.8M Chg -0.96 (-1.64%)

▲ CMF(20) 0.053

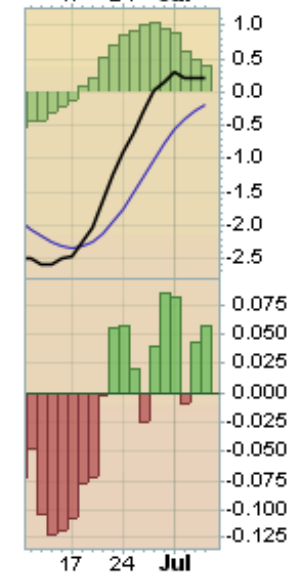
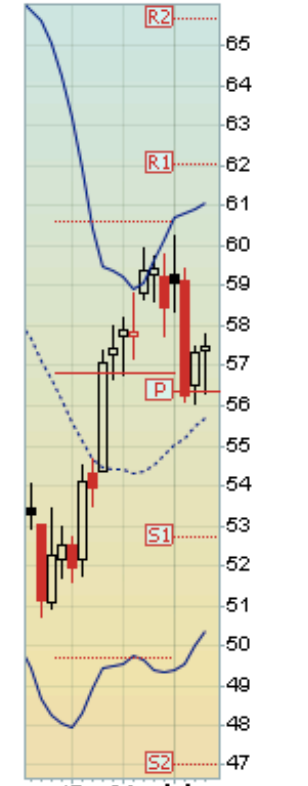
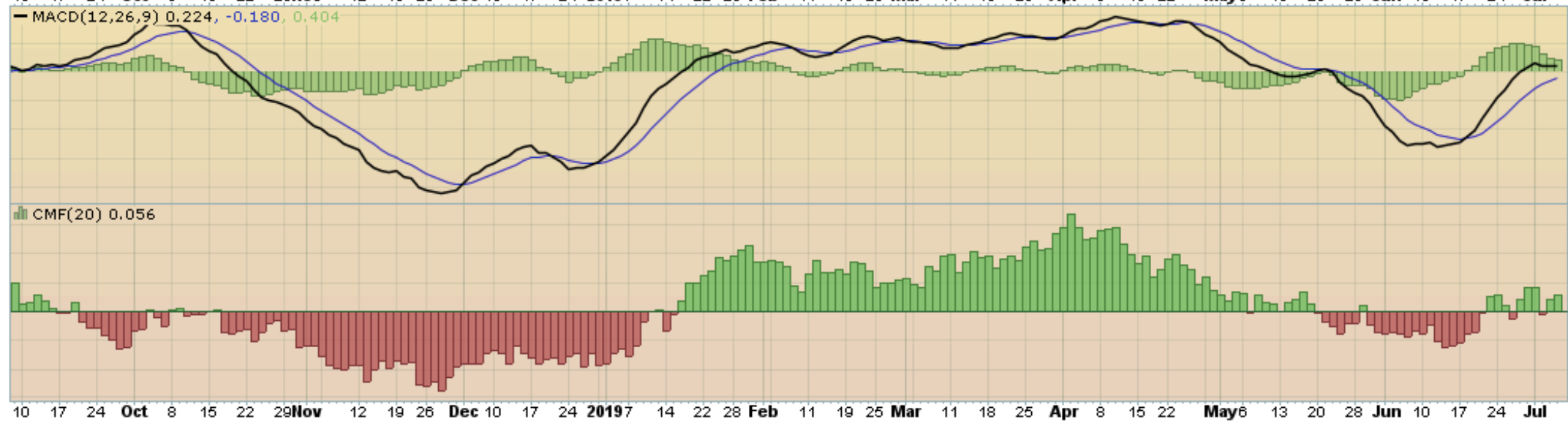
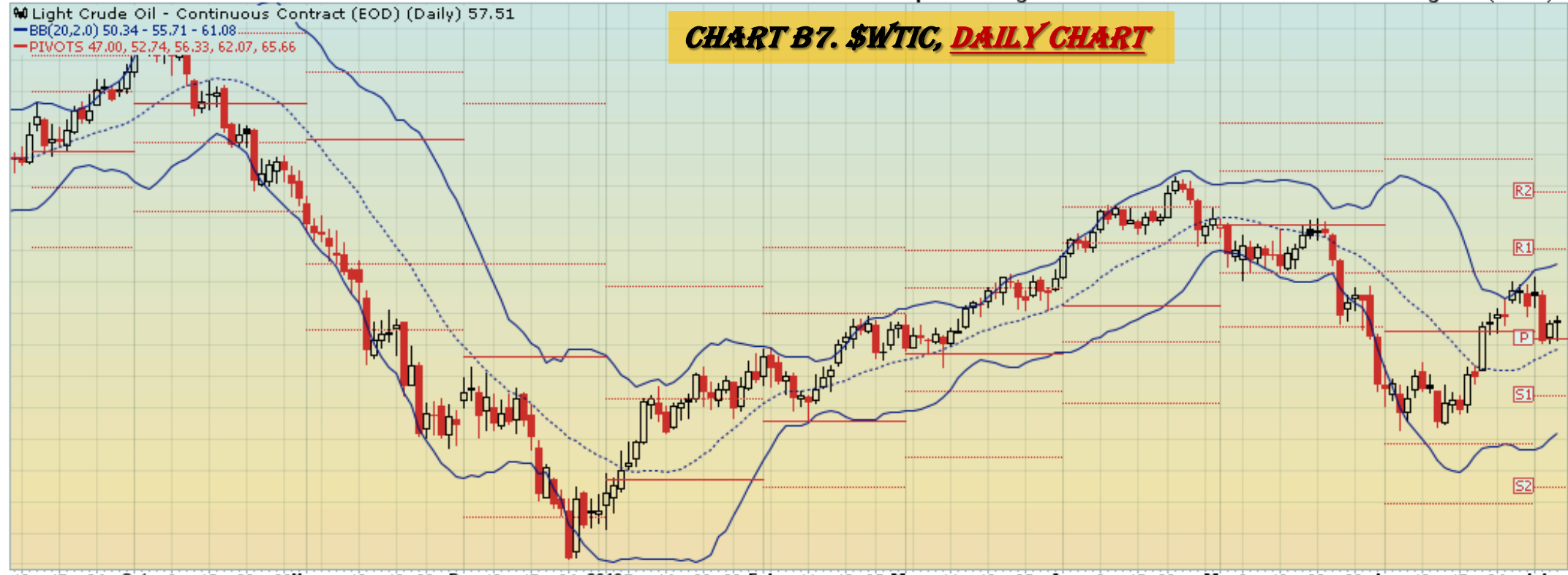
▲ \$WTIC (Weekly) 57.51
— BB(20,2.0) 52.03 - 58.99 - 65.94
— PIVOTS 21.20, 34.58, 55.74, 69.12, 90.28

CHART B6. \$WTIC, WEEKLY CHART



Light Crude Oil - Continuous Contract (EOD) (Daily) 57.51
BB(20,2,0) 50.34 - 55.71 - 61.08
PIVOTS 47.00, 52.74, 56.33, 62.07, 65.66

CHART B7. \$WTIC, DAILY CHART



5-Jul-2019

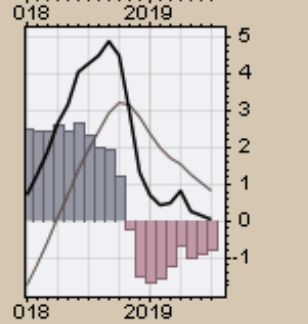
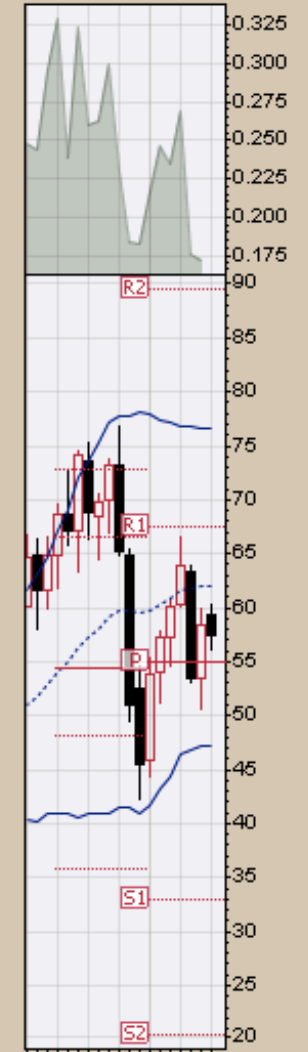
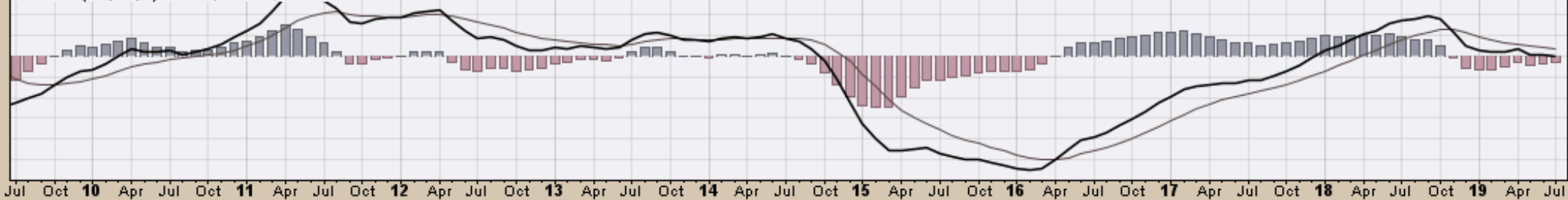
▲ CMF(20) 0.171 (28 Jun)

CHART B8. \$WTIC, MONTHLY CHART

▲ \$WTIC (Monthly) 57.51
— BB(20,2,0) 47.28 - 61.97 - 76.66
— PIVOTS 20.35, 32.88, 54.89, 67.42, 89.43



— MACD(12,26,9) 0.058, 0.857, -0.799



— \$WTIC (Monthly) 57.51
— MA(200) 68.41

CHART B9A. \$WTIC, MONTHLY CHART



MACD(12,26,9) -3.835, -4.998, 1.163

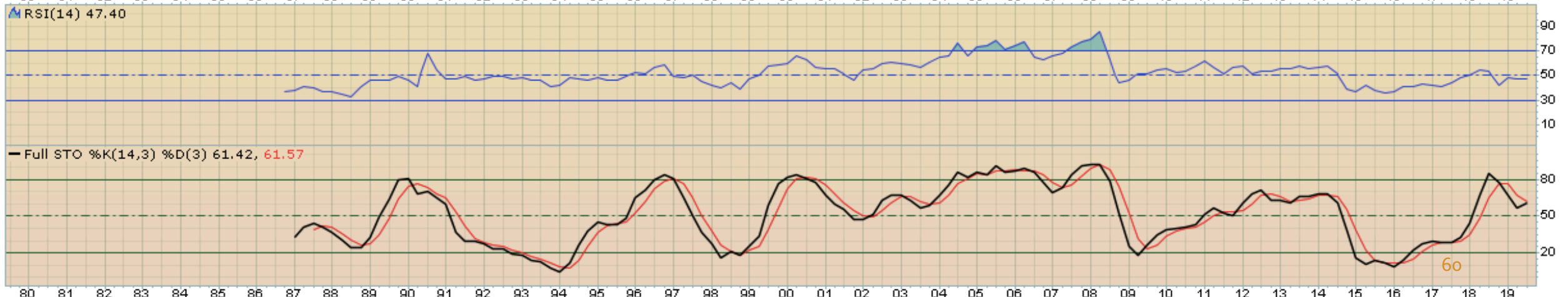
\$WTIC (Quarterly) 57.51

MA(50) 75.08

MA(200) undef

EMA(20) 61.22

CHART B9B. \$WTIC, QUARTERLY CHART



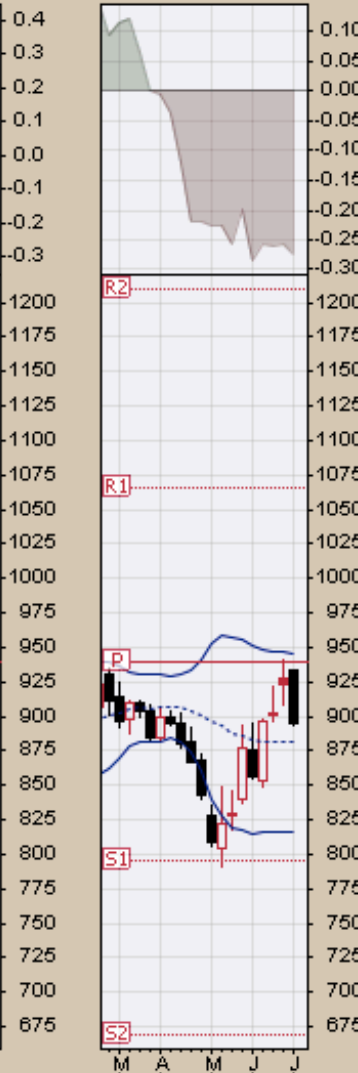
Soybeans

Weekly, Daily, Monthly and Quarterly Charts

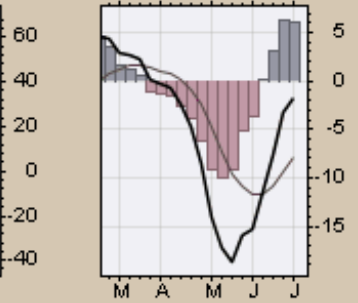
▲ CMF(20) -0.273

▲ \$SOYB (Weekly) 894.50
— BB(20,2,0) 816.24 - 881.20 - 946.16
— PIVOTS 668.50, 795.00, 938.75, 1065.25, 1209.00

CHART B10. SOYBEANS, WEEKLY CHART

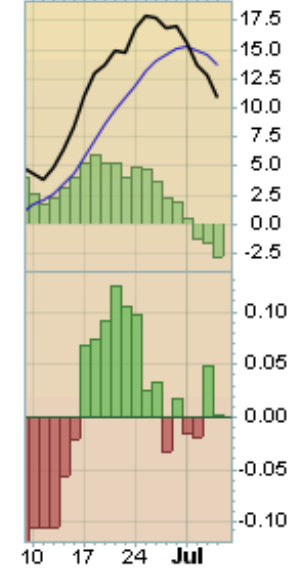
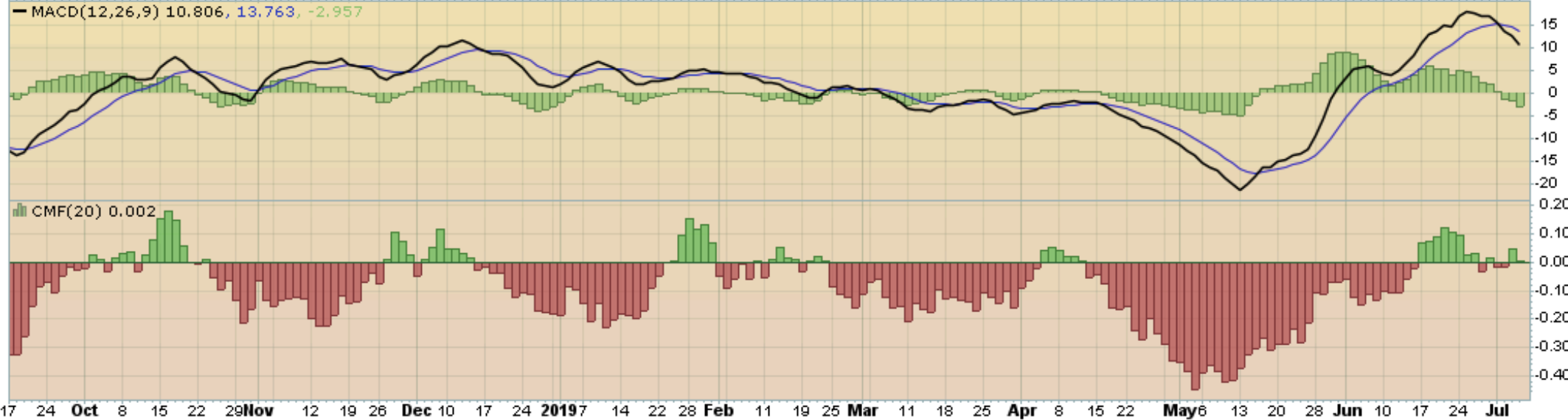


— MACD(12,26,9) -1.858, -7.866, 6.008



SOYB Soybeans - Continuous Contract (EOD) (Daily) 894.50
BB(20,2,0) 856.79 - 900.39 - 943.98
PIVOTS 811.17, 867.08, 904.17, 960.08, 997.17
Volume 61,629

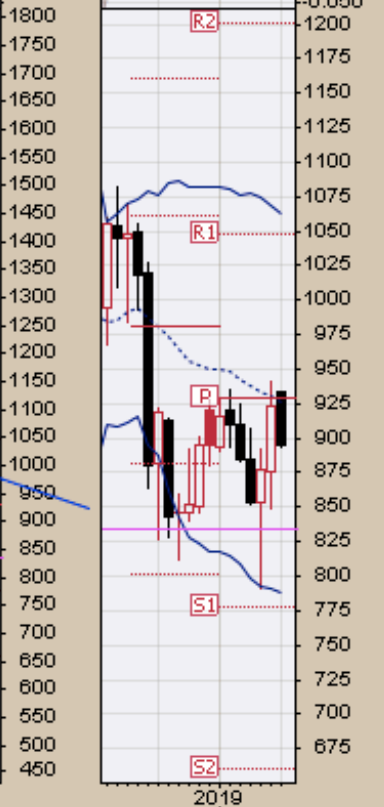
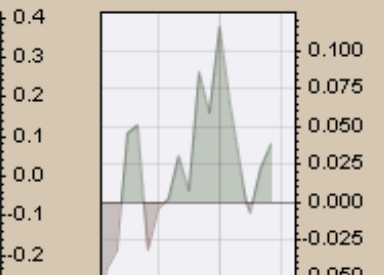
CHART B11. SOYBEANS, DAILY CHART



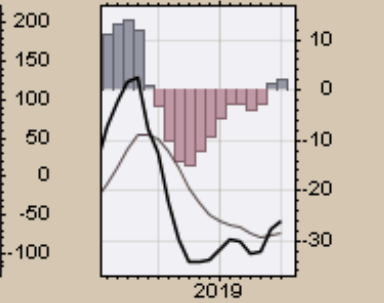
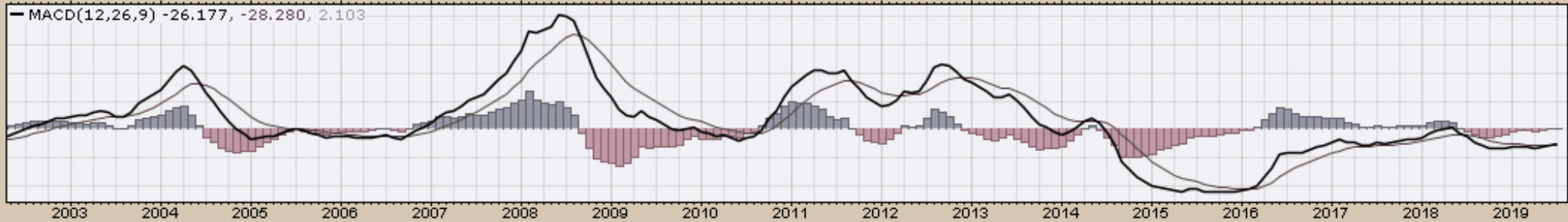
▲ CMF(20) 0.038 (28 Jun)

CHART B12. SOYBEANS, MONTHLY CHART

▲ \$SOYB (Monthly) 894.50
— BB(20,2,0) 788.48 - 925.66 - 1062.85
— PIVOTS 659.67, 777.33, 929.92, 1047.58, 1200.17



— MACD(12,26,9) -26.177, -28.280, 2.103



— \$SOYB (Monthly) 894.50
— MA(200) 994.73

CHART B13A. SOYBEANS, MONTHLY CHART



MACD(12,26,9) -59.421, -53.256, -6.164

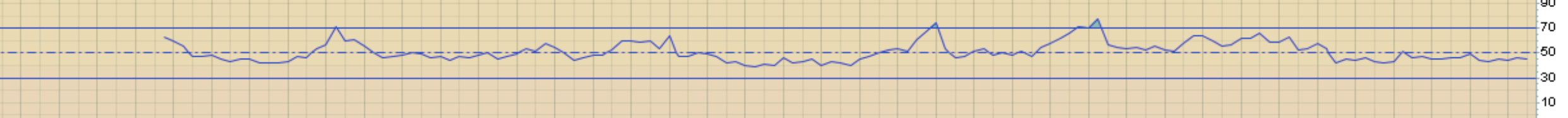


% \$SOYB (Quarterly) 894.50

CHART B13B. SOYBEANS, QUARTERLY CHART



RSI(14) 45.24



Full STO %K(14,3) %D(3) 24.86, 21.41



Corn

Weekly, Daily, Monthly and Quarterly Charts

5-Jul-2019

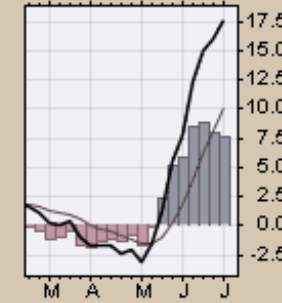
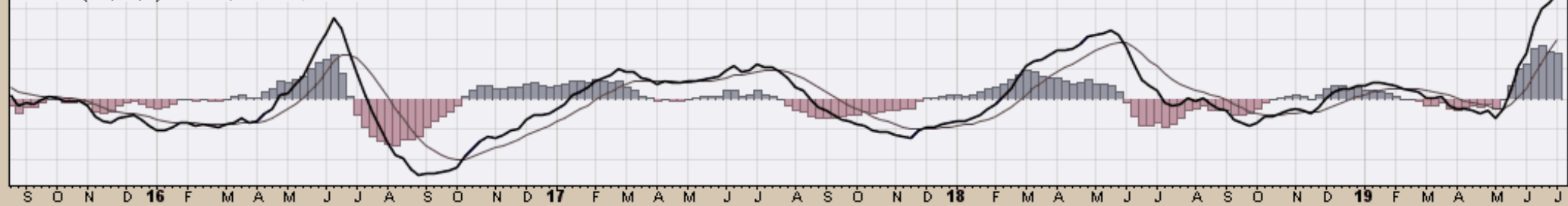
▲ CMF(20) 0.216

90 \$CORN (Weekly) 442.25
— BB(20,2,0) 326.11 - 390.14 - 454.16
— PIVOTS 304.50, 343.75, 378.00, 417.25, 451.50
■ Volume 652.71K, EMA(50) 961.77K

CHART B14. CORN, WEEKLY CHART

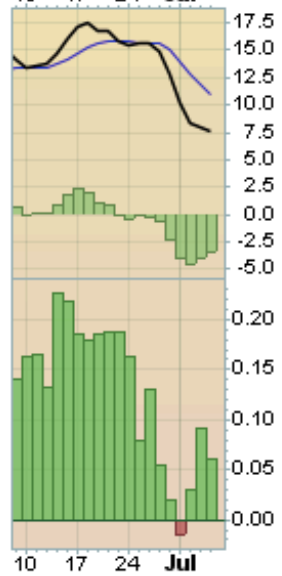
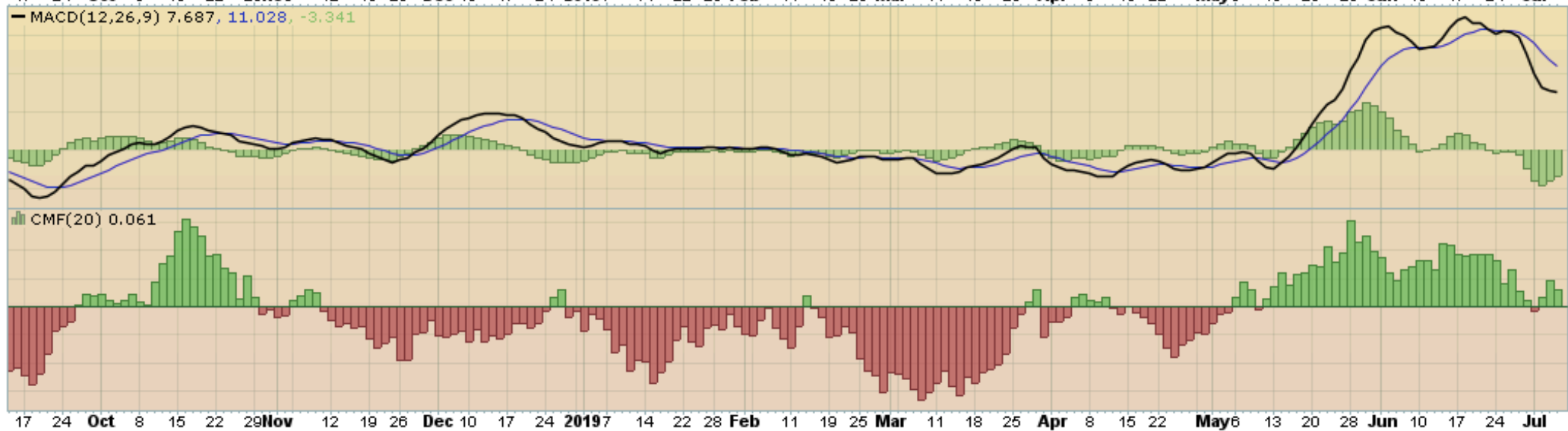


— MACD(12,26,9) 17.555, 10.010, 7.545



Corn - Continuous Contract (EOD) (Daily) 442.25
 BB(20,2,0) 414.15 - 439.76 - 465.38
 PIVOTS 374.50, 403.00, 435.50, 464.00, 496.50
 CHANDLR(22,3,0) 430.29
 Volume 99,585

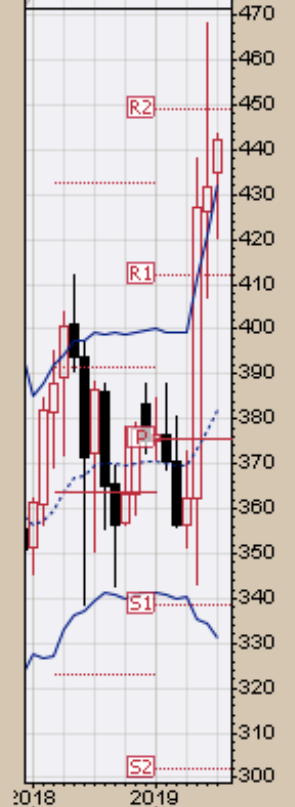
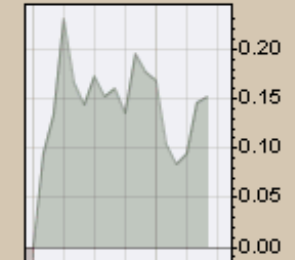
CHART B15. CORN, DAILY CHART



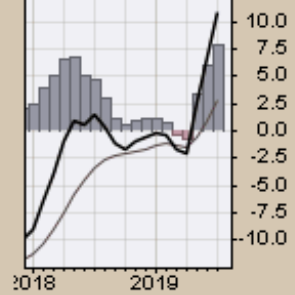
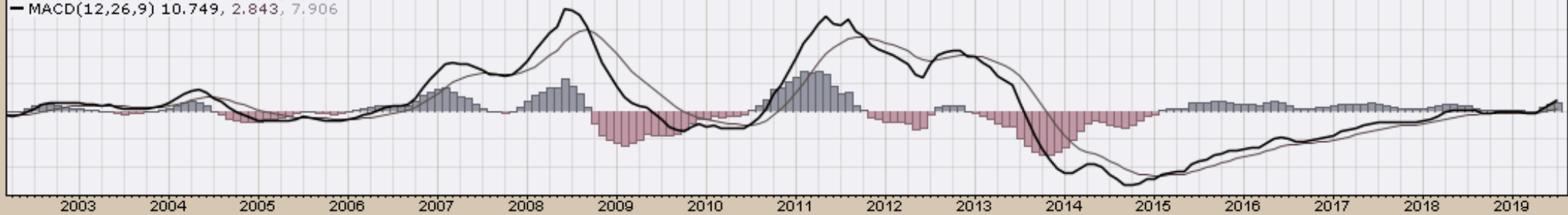
▲ CMF(20) 0.153 (28 Jun)

CHART B16. CORN, MONTHLY CHART

▲ \$CORN (Monthly) 442.25
— BB(20,2,0) 331.49 - 381.94 - 432.38
— PIVOTS 301.83, 338.42, 375.33, 411.92, 448.83

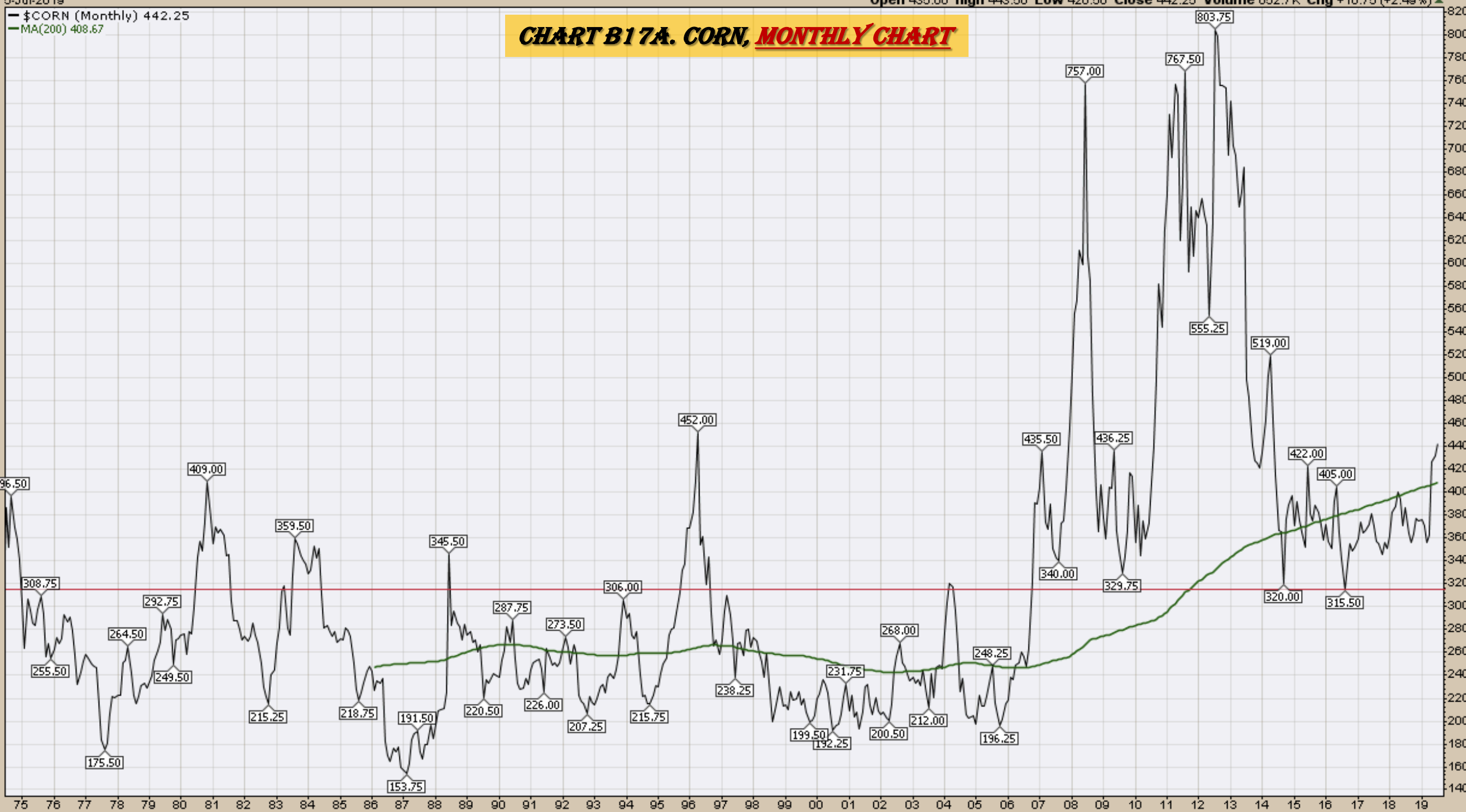


— MACD(12,26,9) 10.749, 2.843, 7.906



— \$CORN (Monthly) 442.25
— MA(200) 408.67

CHART B17A. CORN, MONTHLY CHART



MACD(12,26,9) -14.806, -25.454, 10.648

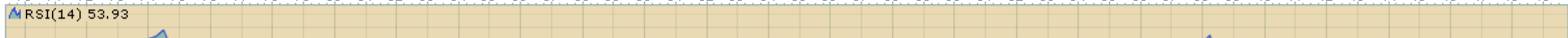
% \$CORN (Quarterly) 442.25

MA(50) 461.05

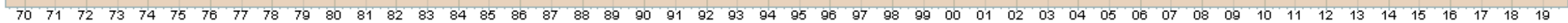
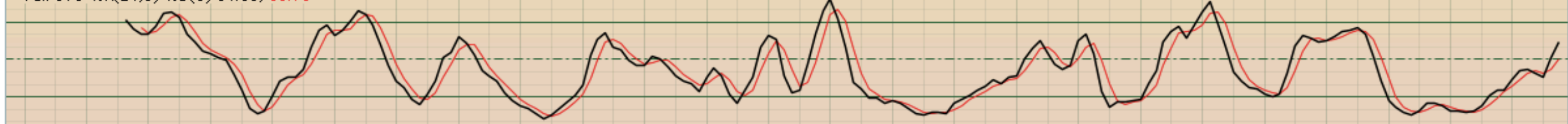
MA(200) 300.60

EMA(20) 398.98

CHART B17B. CORN, QUARTERLY CHART



Full STO %K(14,3) %D(3) 64.30, 50.73



Rice

CHART B18. ROUGH RICE, 30 YEAR





CHART B20. ROUGH RICE, 1 YEAR



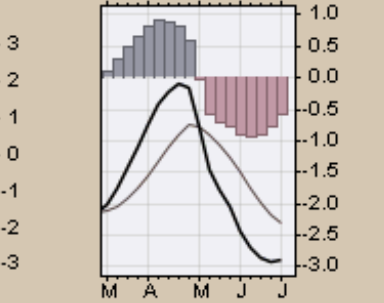
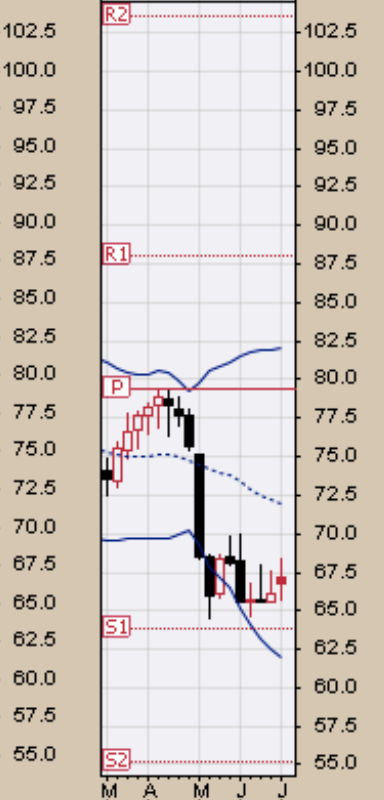
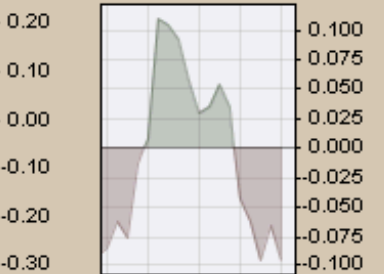
Cotton

Weekly, Daily, Monthly and Quarterly Charts

▲ CMF(20) -0.095

▲ \$COTTON (Weekly) 66.82
— BB(20,2,0) 61.94 - 71.98 - 82.01
— PIVOTS 55.16, 63.84, 79.33, 88.01, 103.50

CHART B21. COTTON, WEEKLY CHART



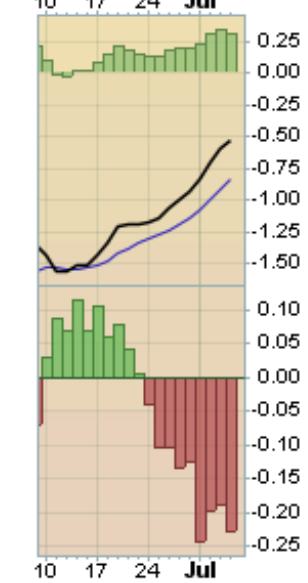
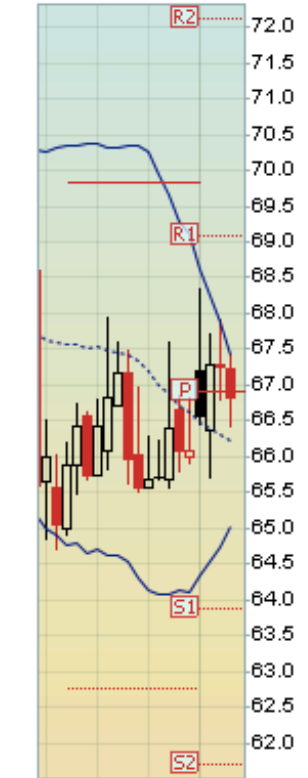
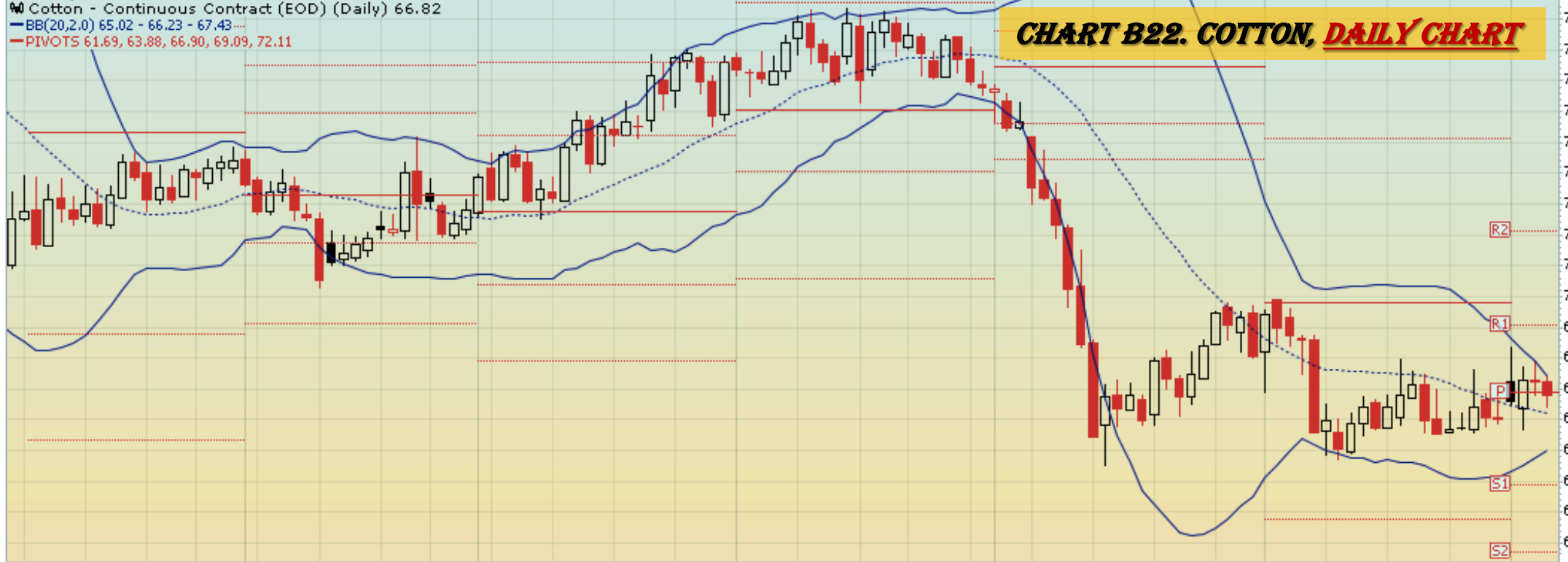
5-Jul-2019

Open 67.22 High 67.43 Low 66.43 Close 66.82 Volume 10.9K Chg -0.43 (-0.64%)

Cotton - Continuous Contract (EOD) (Daily) 66.82

BB(20,2,0) 65.02 - 66.23 - 67.43
PIVOTS 61.69, 63.88, 66.90, 69.09, 72.11

CHART B22. COTTON, DAILY CHART



5-Jul-2019

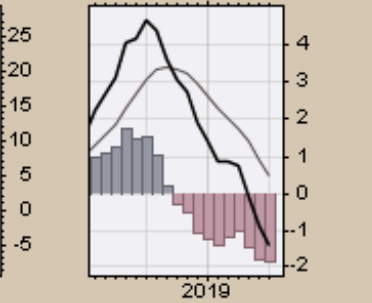
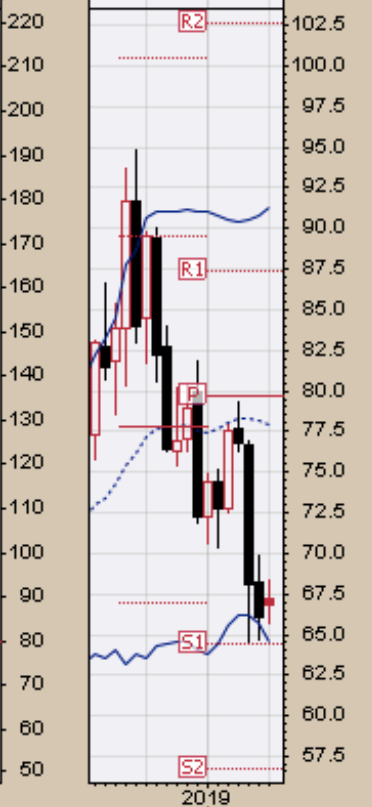
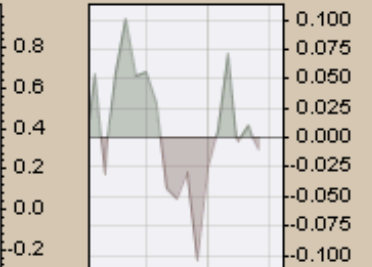
▲ CMF(20) -0.010 (28 Jun)

CHART B23. COTTON, MONTHLY CHART

▲ \$COTTON (Monthly) 66.82
— BB(20,2,0) 64.58 - 77.92 - 91.26
— PIVOTS 56.68, 64.44, 79.63, 87.39, 102.58

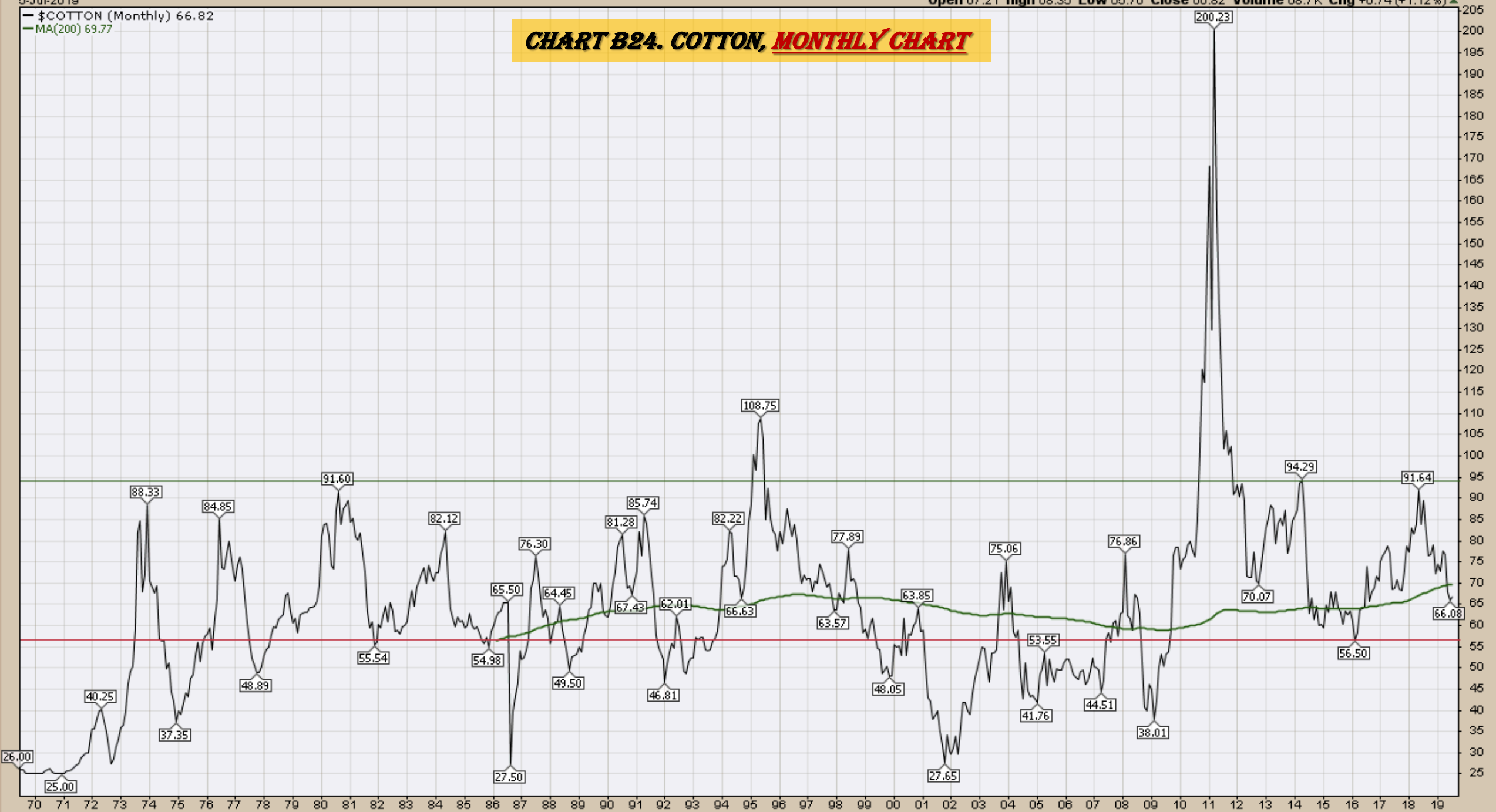


— MACD(12,26,9) -1.350, 0.490, -1.841



5-Jul-2019
- \$COTTON (Monthly) 66.82
- MA(200) 69.77

CHART B24. COTTON, MONTHLY CHART



MACD(12,26,9) -0.956, -0.795, -0.160

CHART B24B. COTTON, QUARTERLY CHART

% \$COTTON (Quarterly) 66.82

MA(50) 76.56
MA(200) 63.26
EMA(20) 73.11



RSI(14) 46.24

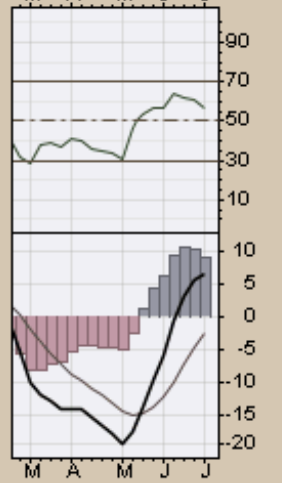
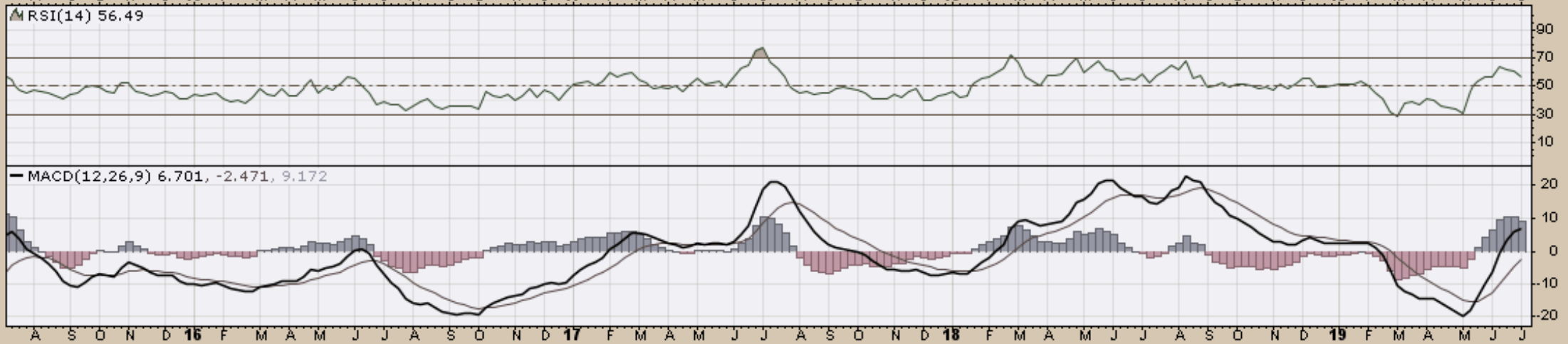
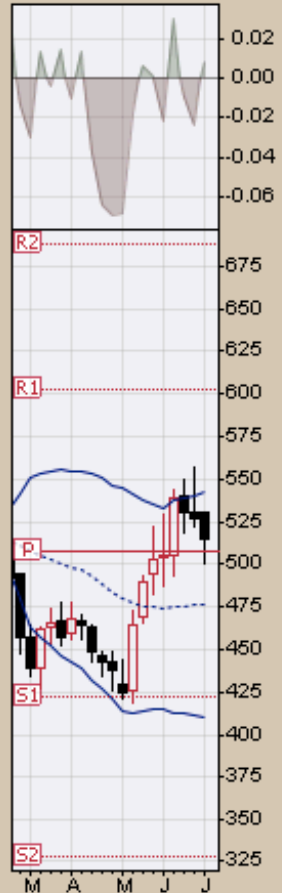


Full STO %K(14,3) %D(3) 36.53, 43.86



Wheat

Weekly, Daily, Monthly and Quarterly Charts

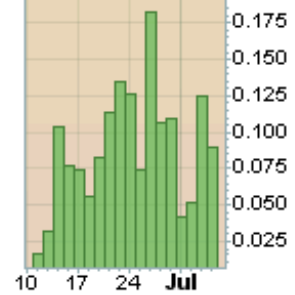
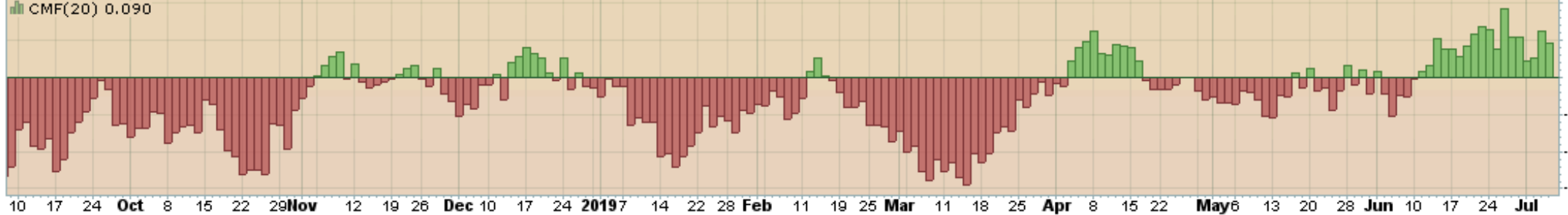
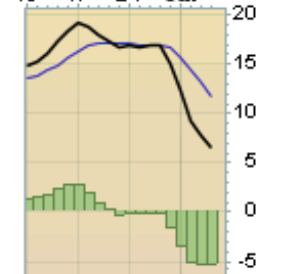
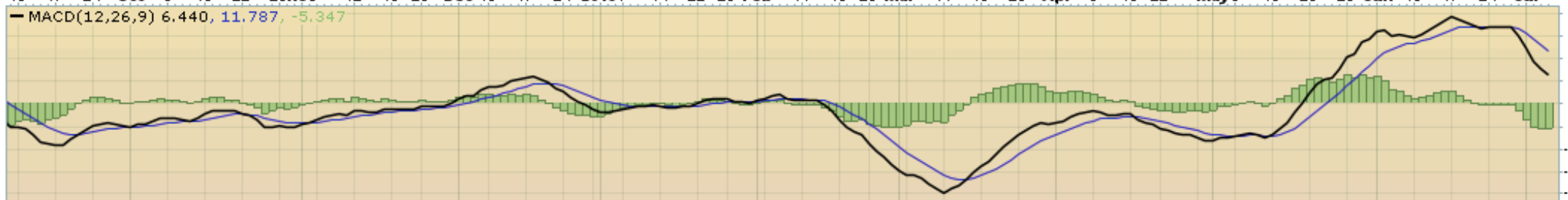
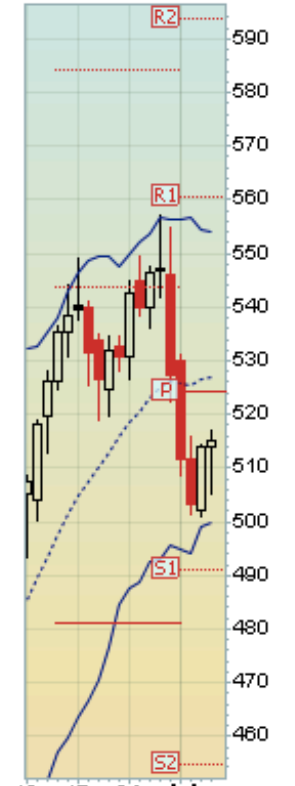


Wheat - Continuous Contract (EOD) (Daily) 515.00

BB(20,2,0) 499.77 - 526.88 - 553.98

PIVOTS 454.58, 490.92, 524.08, 560.42, 593.58

CHART B26. WHEAT, DAILY CHART



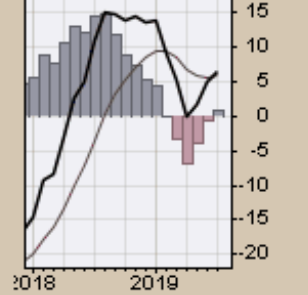
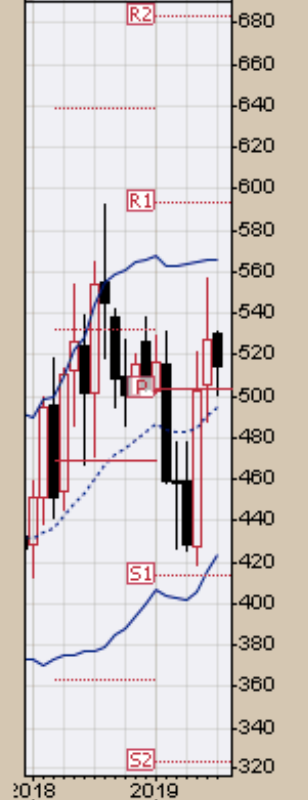
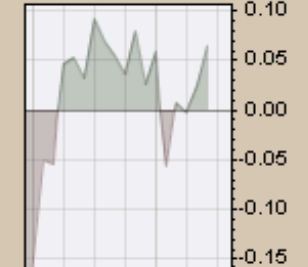
▲ CMF(20) 0.066 (28 Jun)

WHEAT (Monthly) 515.00
BB(20,2,0) 423.62 - 494.91 - 566.21
PIVOTS 323.42, 413.33, 503.17, 593.08, 682.92

CHART B27. WHEAT, MONTHLY CHART



MACD(12,26,9) 6.511, 5.800, 0.711



5-Jul-2019

Open 530.00 High 531.00 Low 501.00 Close 515.00 Volume 217.5K Chg -12.25 (-2.32%)

— \$WHEAT (Monthly) 515.00
— MA(200) 537.40

CHART B28A. WHEAT, MONTHLY CHART



MACD(12,26,9) -21.301, -30.986, 9.686

CHART B28B. WHEAT, QUARTERLY CHART

% \$WHEAT (Quarterly) 515.00

MA(50) 596.12

MA(200) undef

EMA(20) 505.43

RSI(14) 49.93

Full STO %K(14,3) %D(3) 54.91, 50.75



S&P Sectors

Sector Chart Book Index

Market Outlook Considerations for Week Beginning July 1, 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) 28.16
— BB(20,2,0) 25.23 - 26.78 - 28.32
— PIVOTS 17.46, 20.74, 25.10, 28.38, 32.74
■ Volume 170.16M, EMA(50) 267.18M

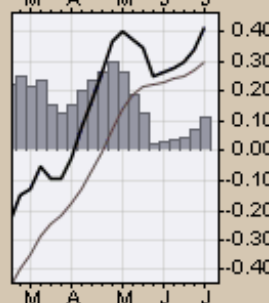
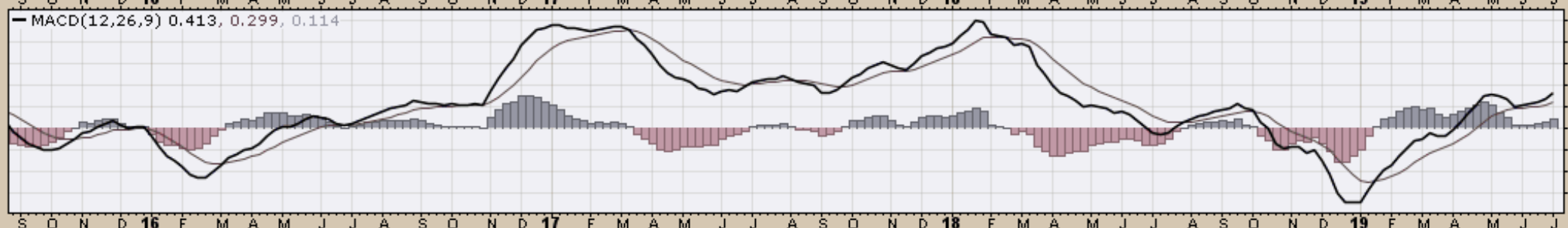
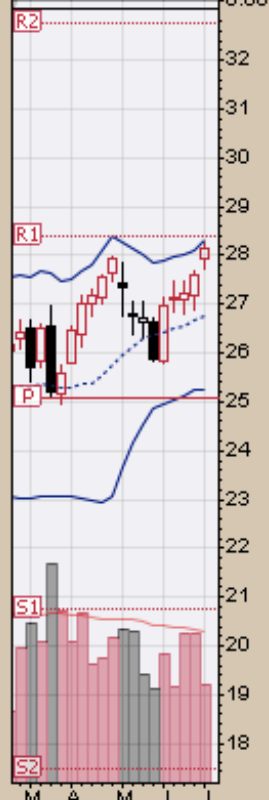
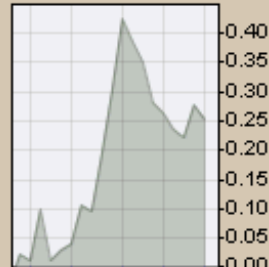
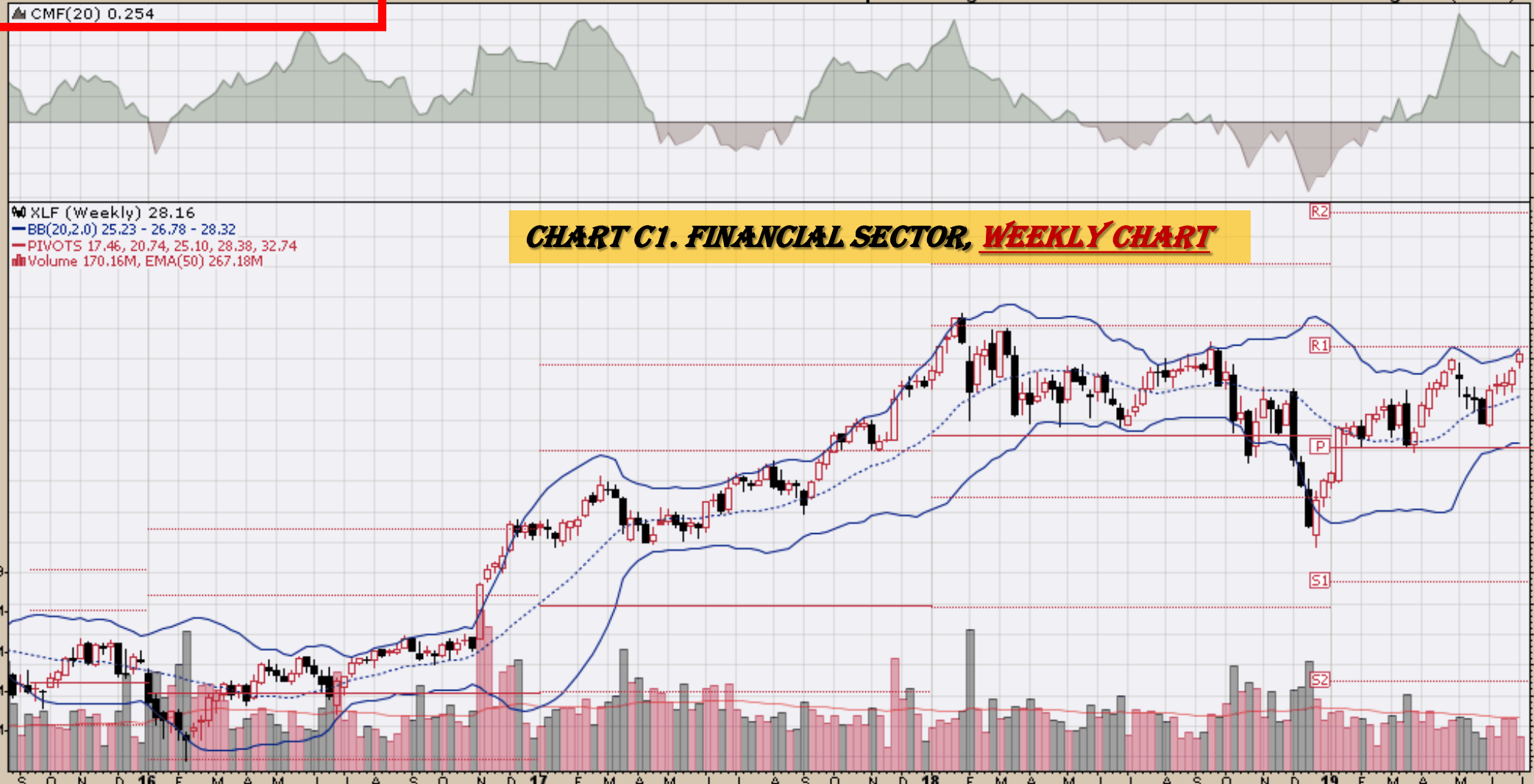
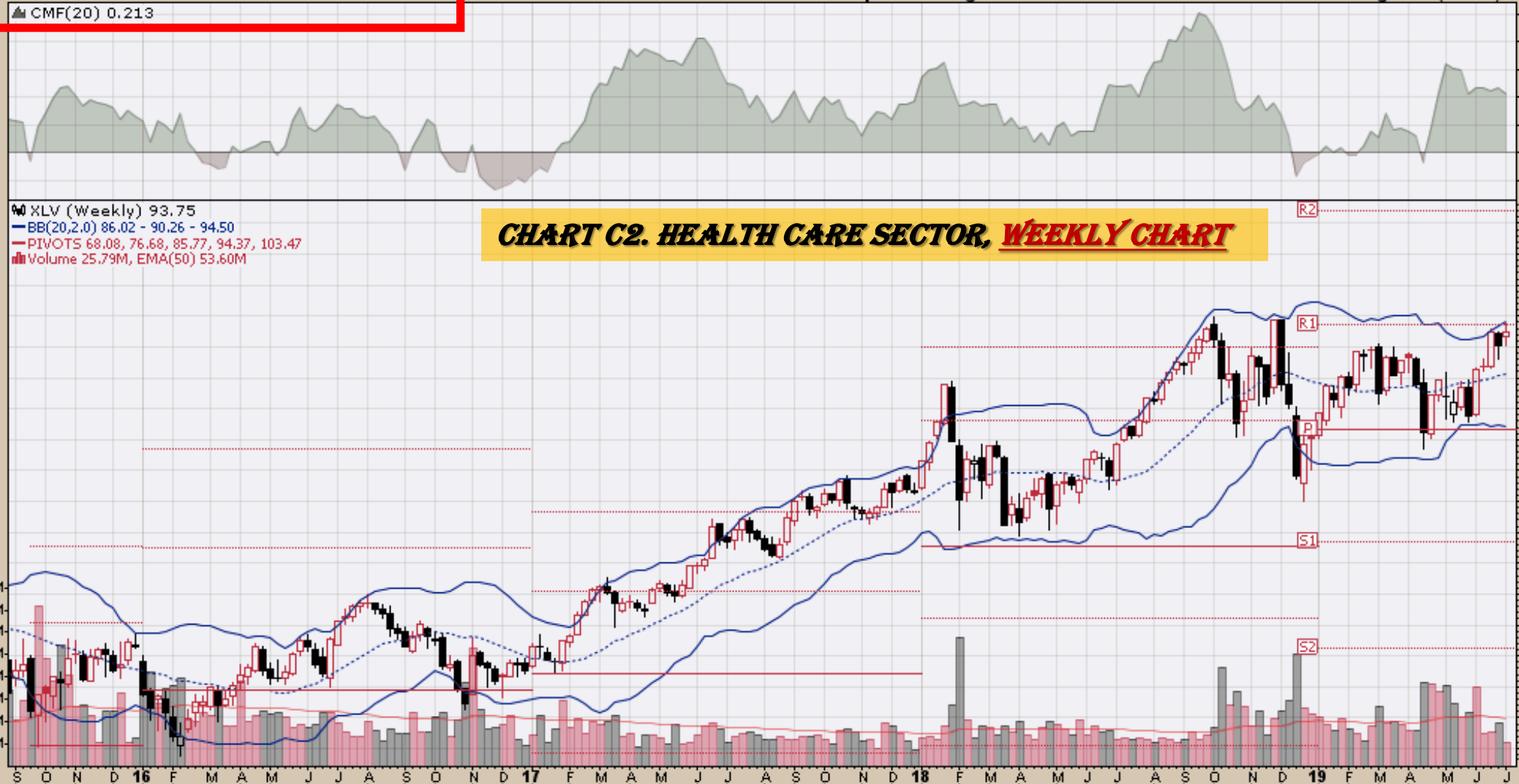
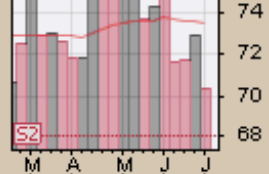
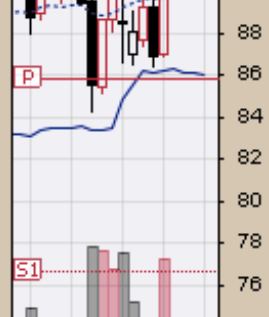
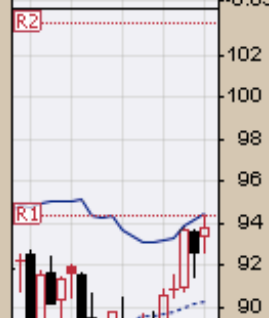
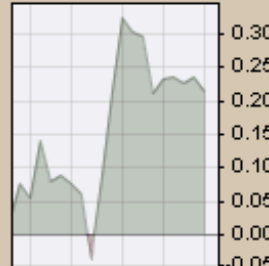
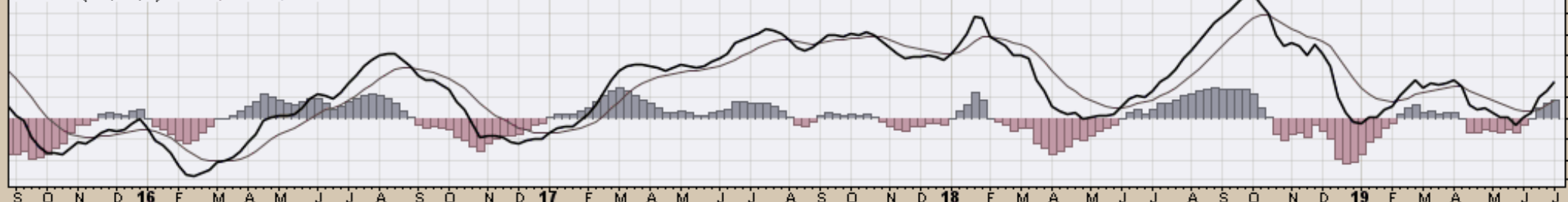


CHART C2. HEALTH CARE SECTOR, WEEKLY CHART

XLV (Weekly) 93.75
BB(20,2,0) 86.02 - 90.26 - 94.50
PIVOTS 68.08, 76.68, 85.77, 94.37, 103.47
Volume 25.79M, EMA(50) 53.60M



MACD(12,26,9) 0.883, 0.433, 0.450



XLK (Weekly) 79.95
BB(20,2.0) 69.04 - 75.01 - 80.98
PIVOTS 46.32, 53.70, 64.56, 71.95, 82.81
Volume 33.34M, EMA(50) 68.74M

CHART C3. TECHNOLOGY SECTOR, WEEKLY CHART

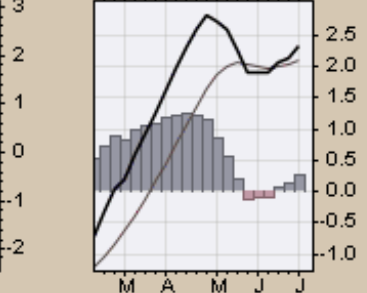
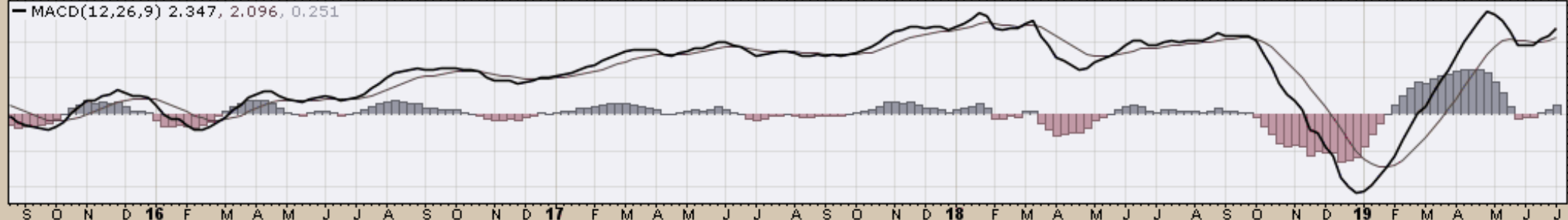
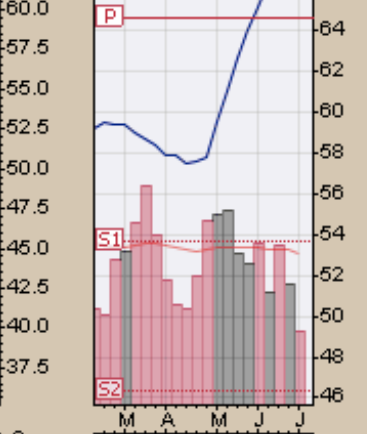
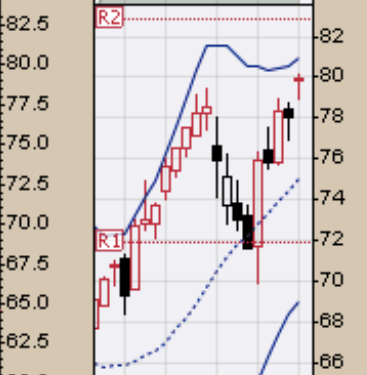
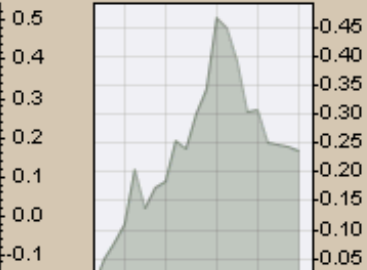
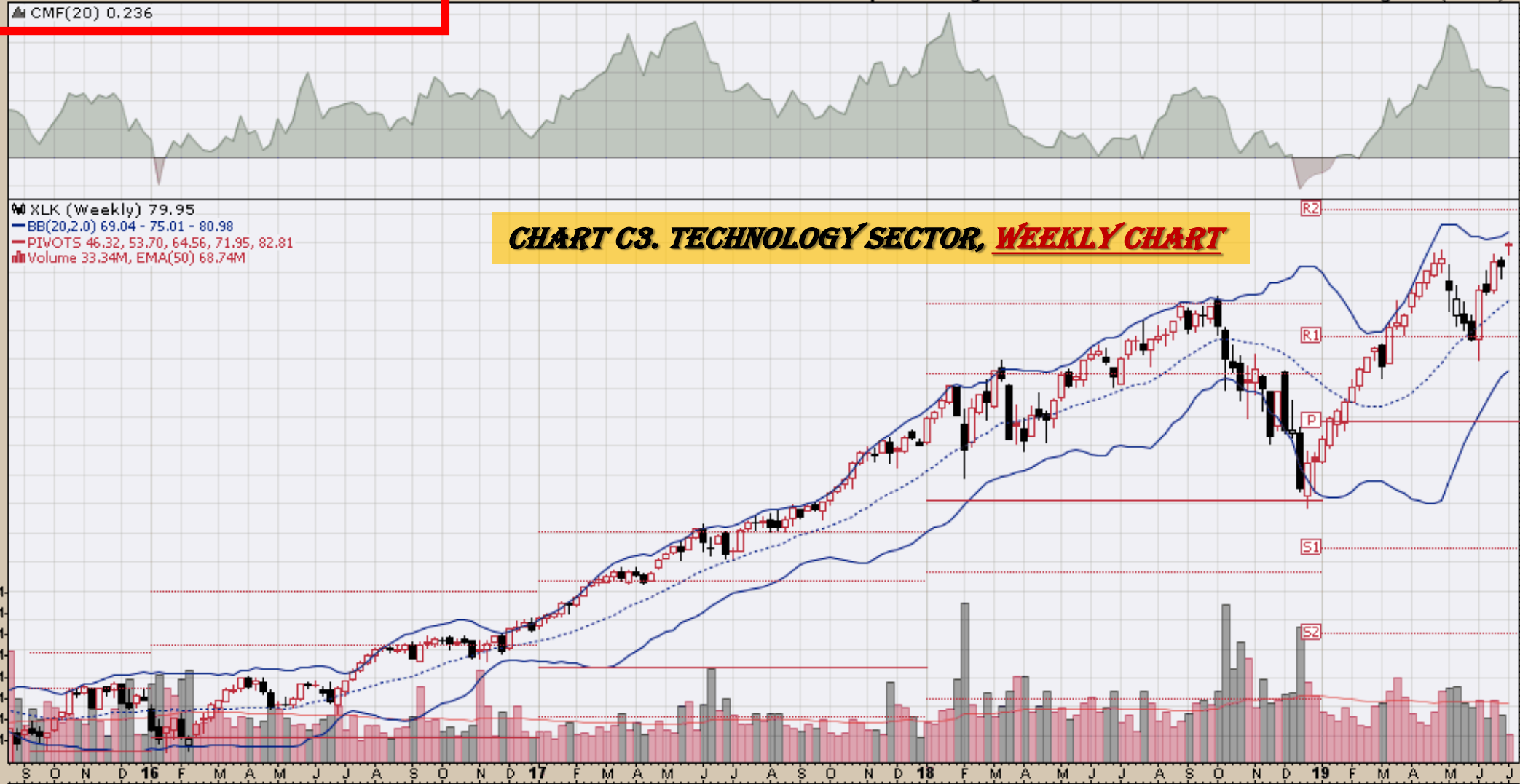
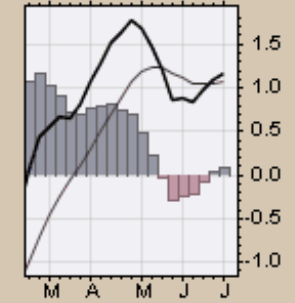
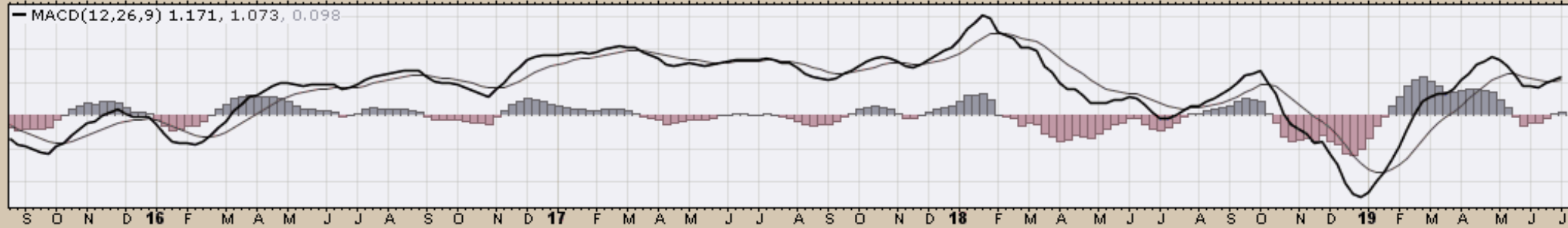
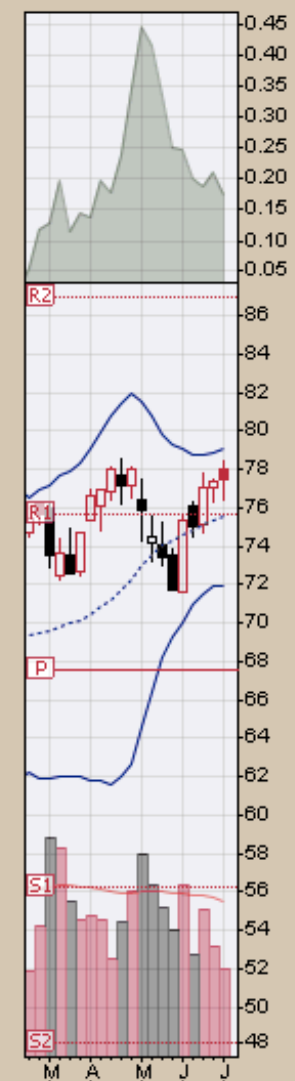
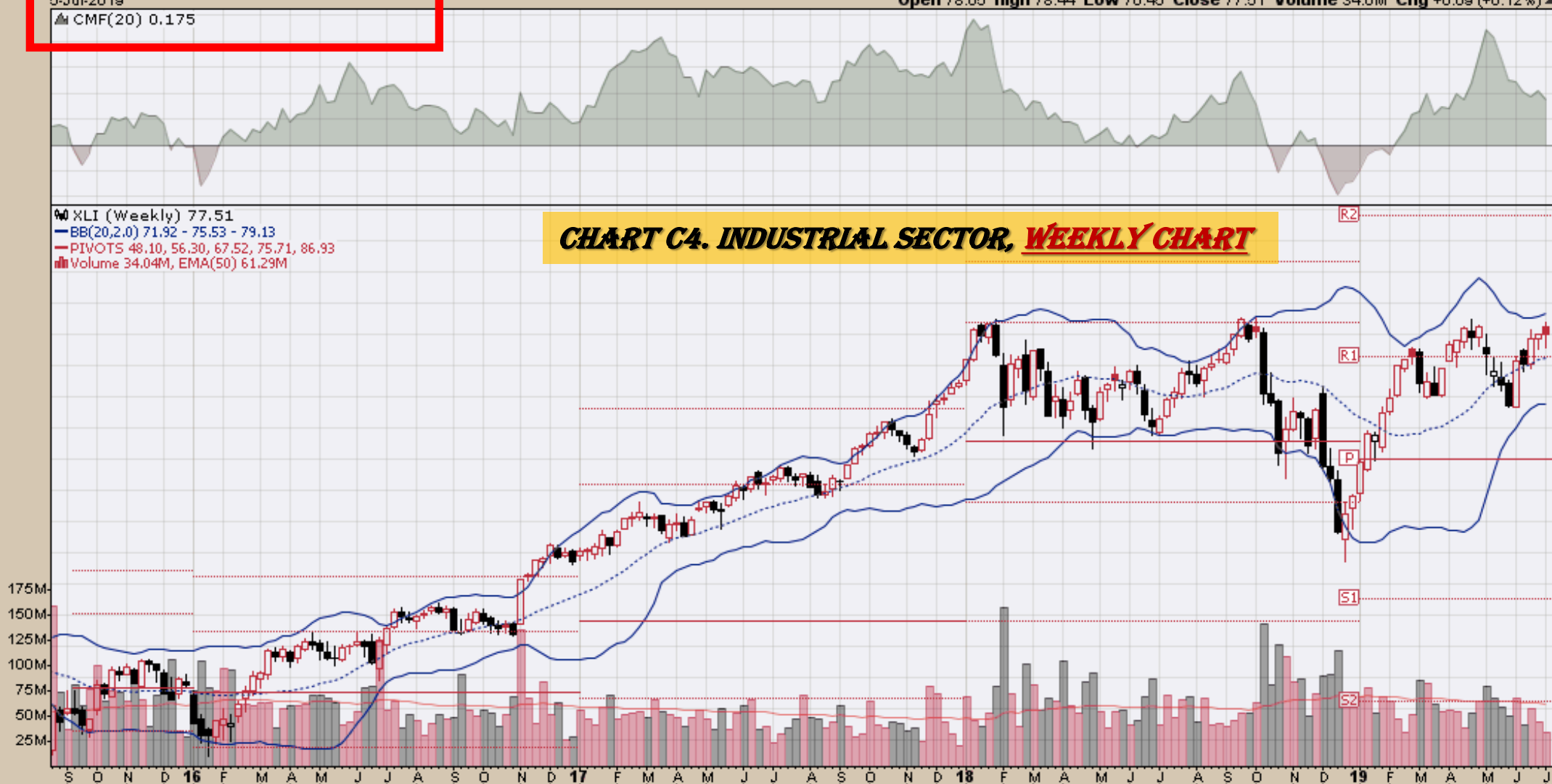


CHART C4. INDUSTRIAL SECTOR, WEEKLY CHART

XLI (Weekly) 77.51
— BB(20,2,0) 71.92 - 75.53 - 79.13
— PIVOTS 48.10, 56.30, 67.52, 75.71, 86.93
■ Volume 34.04M, EMA(50) 61.29M



▲ CMF(20) 0.251

XLB (Weekly) 58.92
BB(20,2,0) 52.34 - 55.93 - 59.53
PIVOTS 37.49, 44.12, 53.20, 59.83, 68.91
Volume 18.58M, EMA(50) 35.79M

CHART C5. MATERIALS SECTOR, WEEKLY CHART



MACD(12,26,9) 0.939, 0.568, 0.372

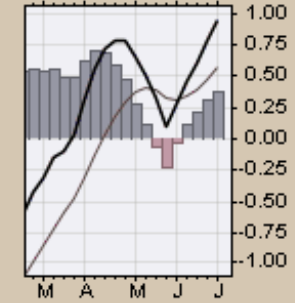
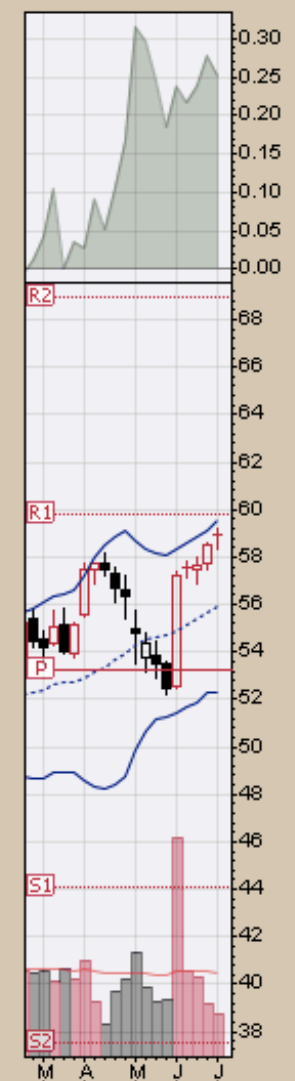
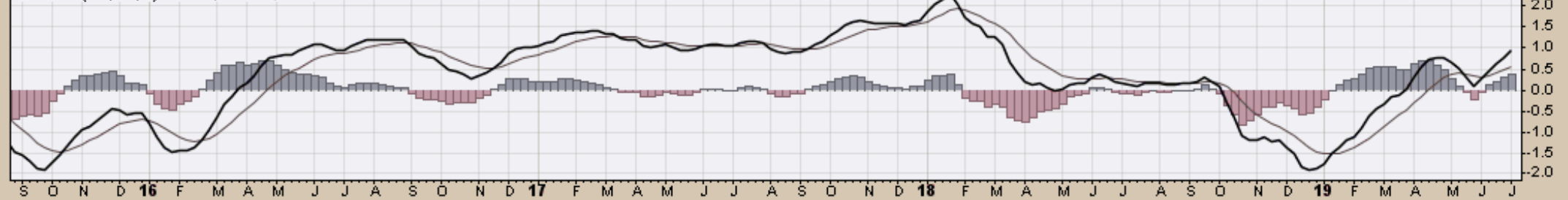
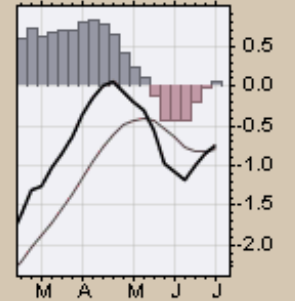
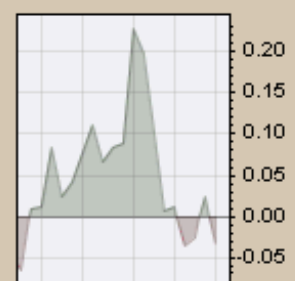
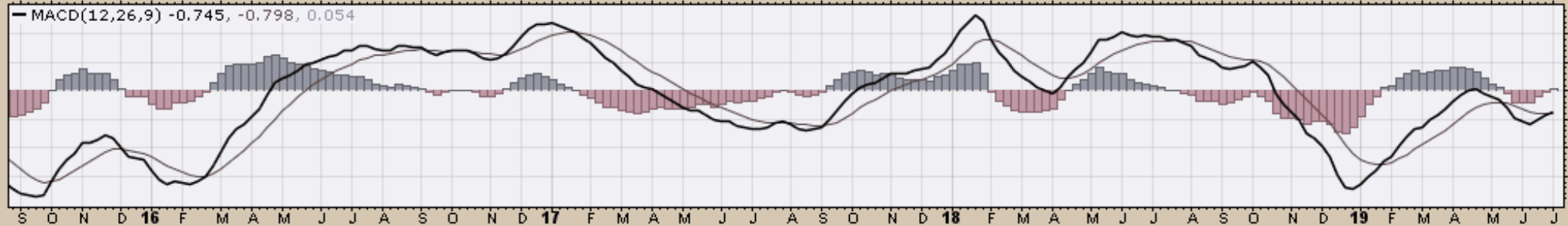


CHART C6. ENERGY SECTOR, WEEKLY CHART

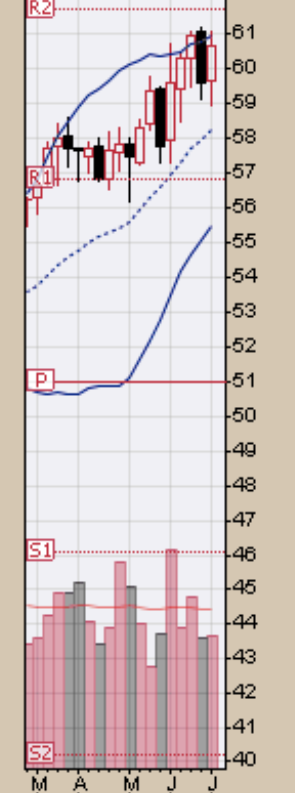
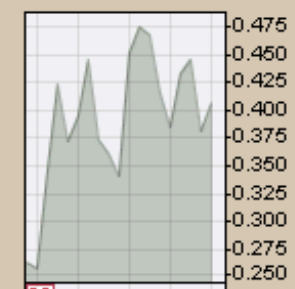
XLE (Weekly) 63.09
BB(20,2.0) 59.28 - 63.77 - 68.26
PIVOTS 38.69, 48.78, 62.56, 72.64, 86.42
Volume 41.36M, EMA(50) 72.12M



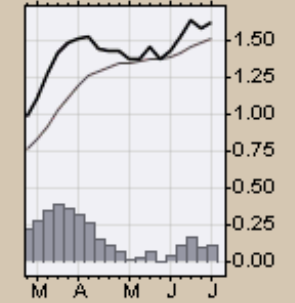
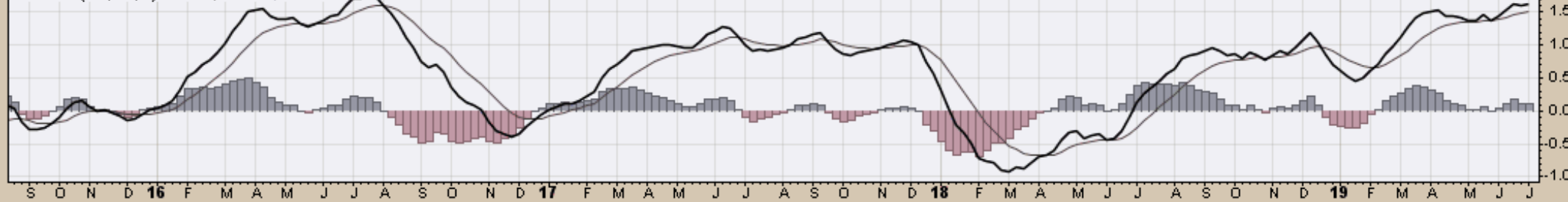
▲ CMF(20) 0.408

XLU (Weekly) 60.68
— BB(20,2,0) 55.47 - 59.22 - 60.98
— PIVOTS 40.22, 46.09, 50.96, 56.83, 61.70
■ Volume 71.05M, EMA(50) 84.47M

CHART C7. UTILITIES SECTOR, WEEKLY CHART



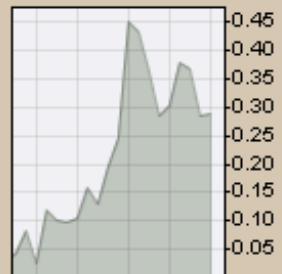
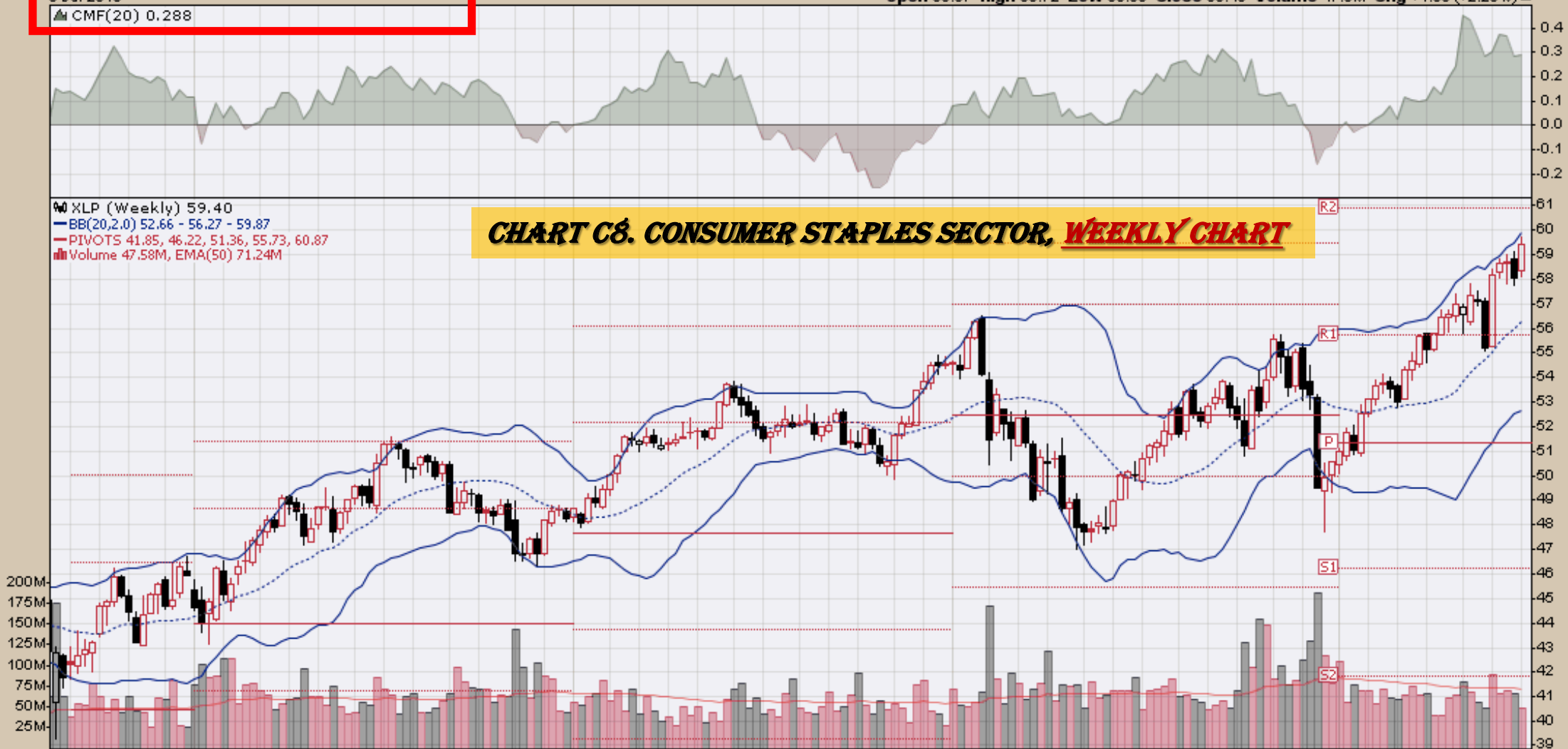
— MACD(12,26,9) 1.622, 1.513, 0.109



▲ CMF(20) 0.288

CHART C8. CONSUMER STAPLES SECTOR, WEEKLY CHART

XLP (Weekly) 59.40
BB(20,2,0) 52.66 - 56.27 - 59.87
PIVOTS 41.85, 46.22, 51.36, 55.73, 60.87
Volume 47.58M, EMA(50) 71.24M



MACD(12,26,9) 1.464, 1.253, 0.212

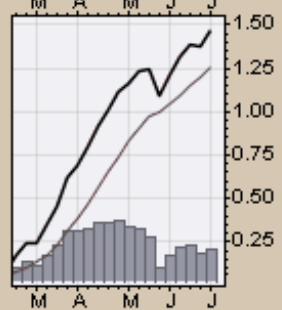
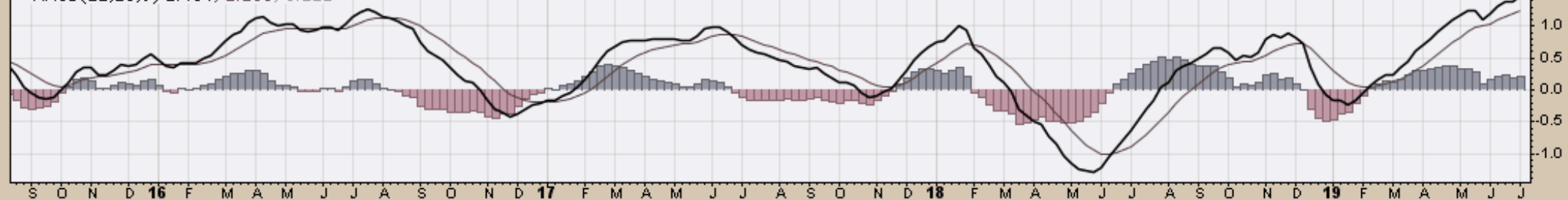
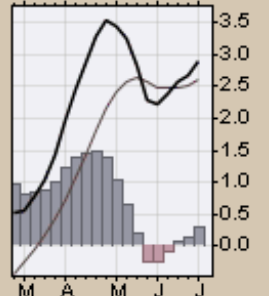
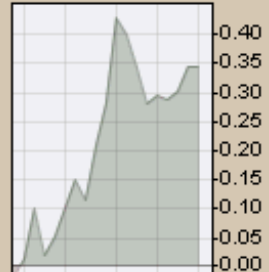
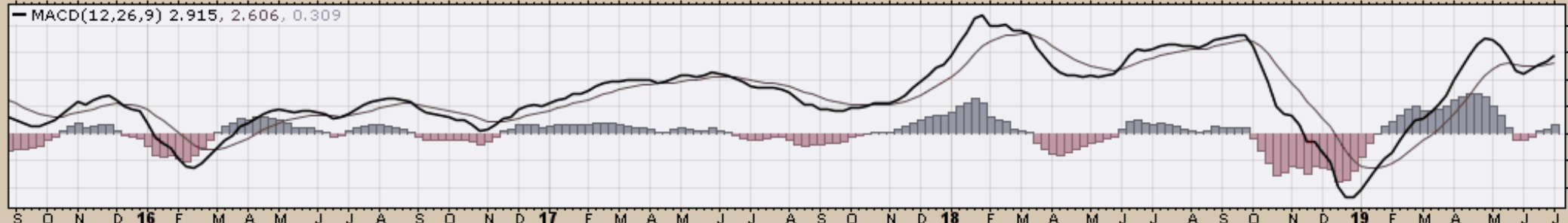
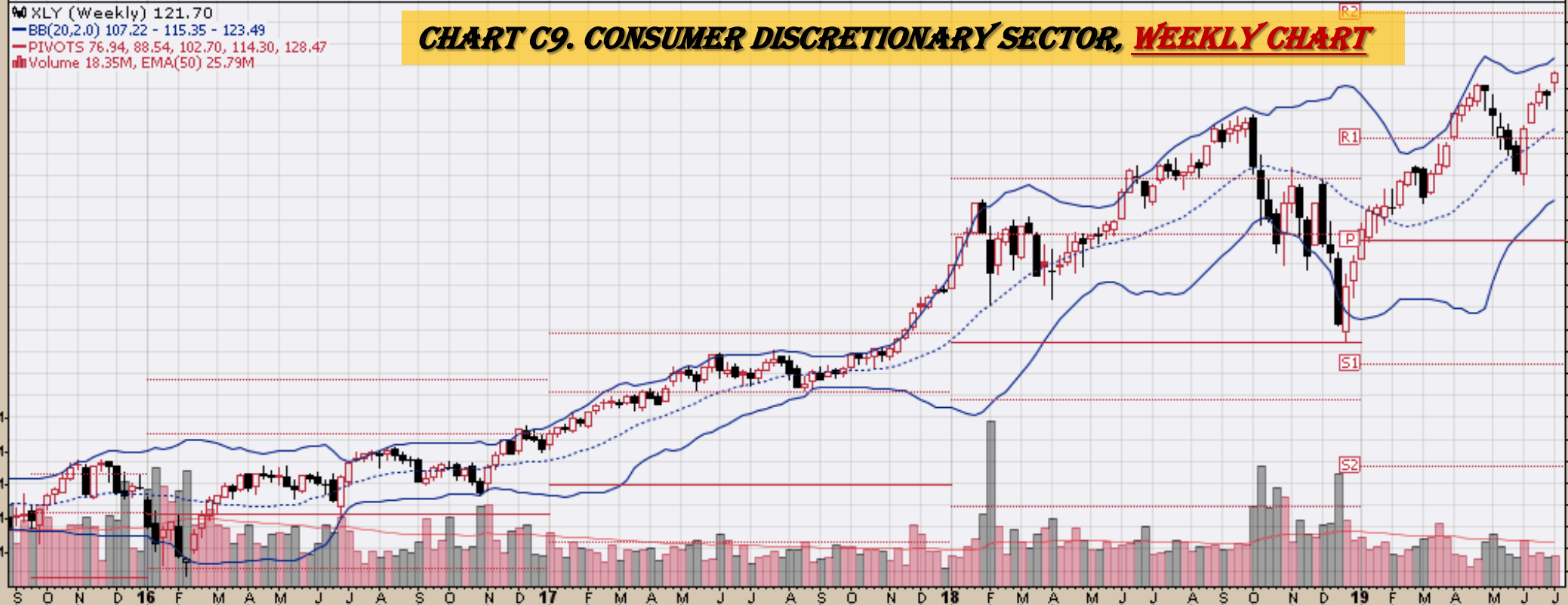
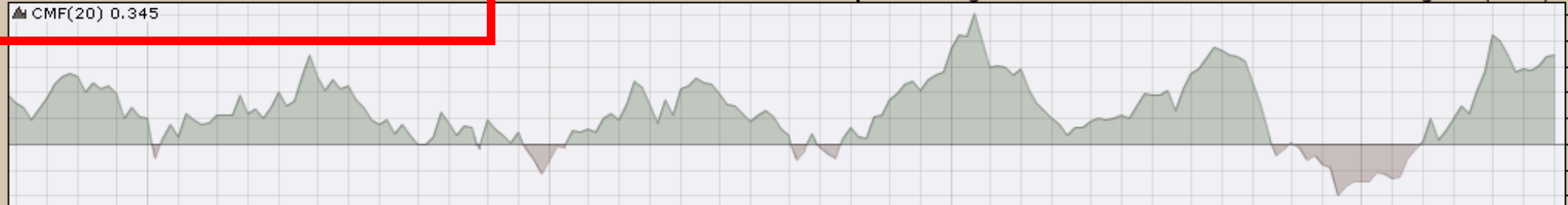


CHART C9. CONSUMER DISCRETIONARY SECTOR, WEEKLY CHART

XLY (Weekly) 121.70
BB(20,2,0) 107.22 - 115.35 - 123.49
PIVOTS 76.94, 88.54, 102.70, 114.30, 128.47
Volume 18.35M, EMA(50) 25.79M



Commodity ETFs

Commodity ETFs Book Index

Market Outlook Considerations for Week Beginning July 8, 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

Continued Next Slide

Commodity ETFs Book Index

Market Outlook Considerations for Week Beginning July 8, 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

▲ CMF(20) 0.164

▲ BALTF (Weekly) 40.99
— BB(20,2,0) 39.95 - 47.01 - 54.07
— PIVOTS 36.31, 42.26, 52.96, 58.91, 69.61

CHART D1. COTTON, WEEKLY CHART

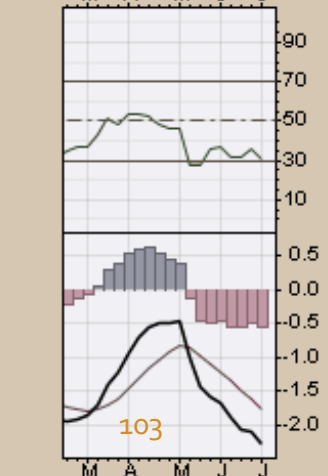
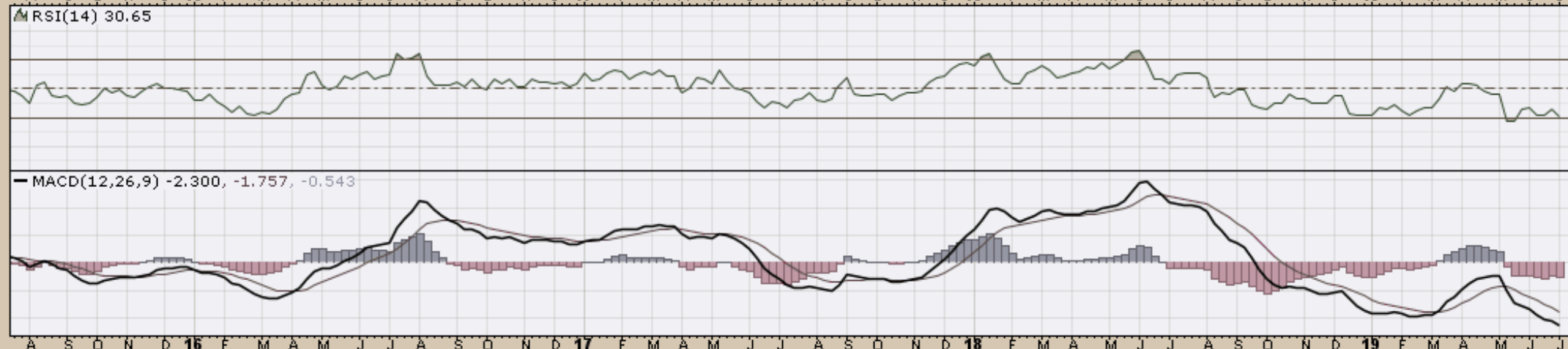
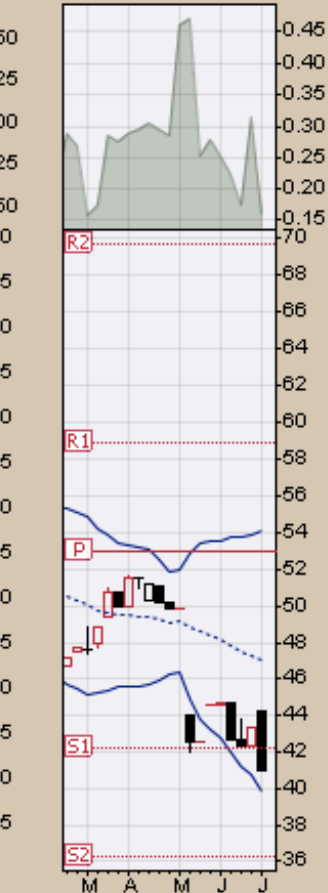


CHART D2. BRENT OIL, WEEKLY CHART

▲ BNO (Weekly) 19.00
— BB(20,2,0) 17.65 - 19.35 - 21.04
— PIVOTS 8.56, 12.37, 18.39, 22.20, 28.22

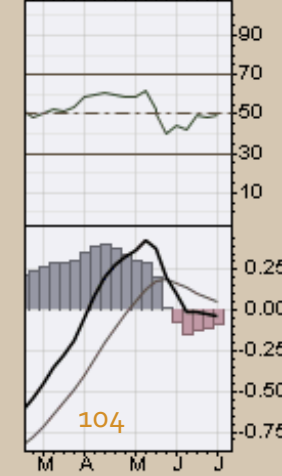
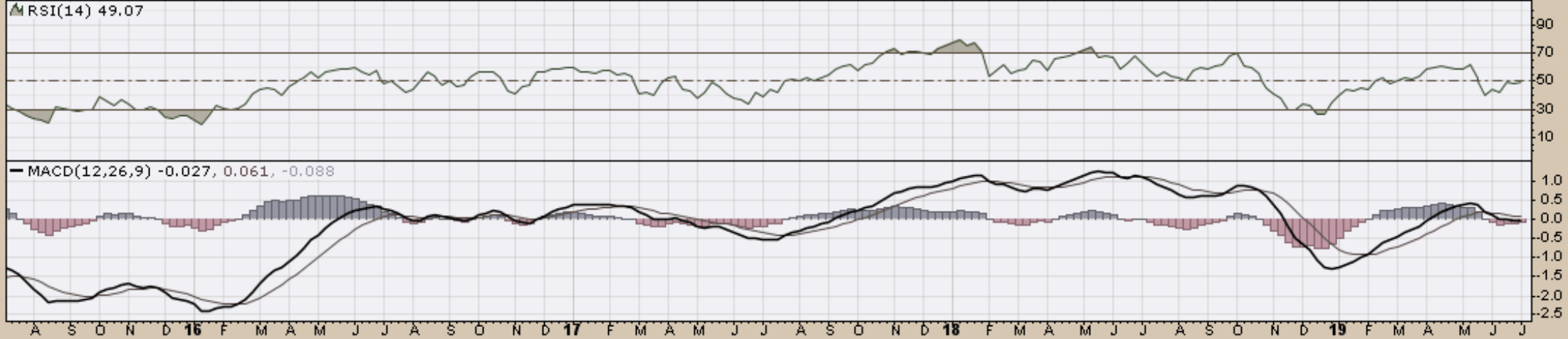
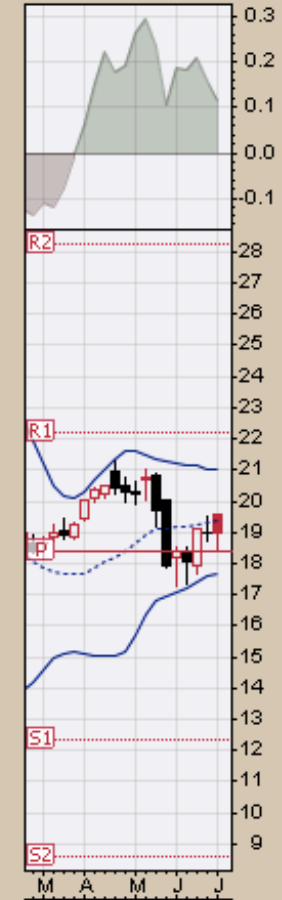
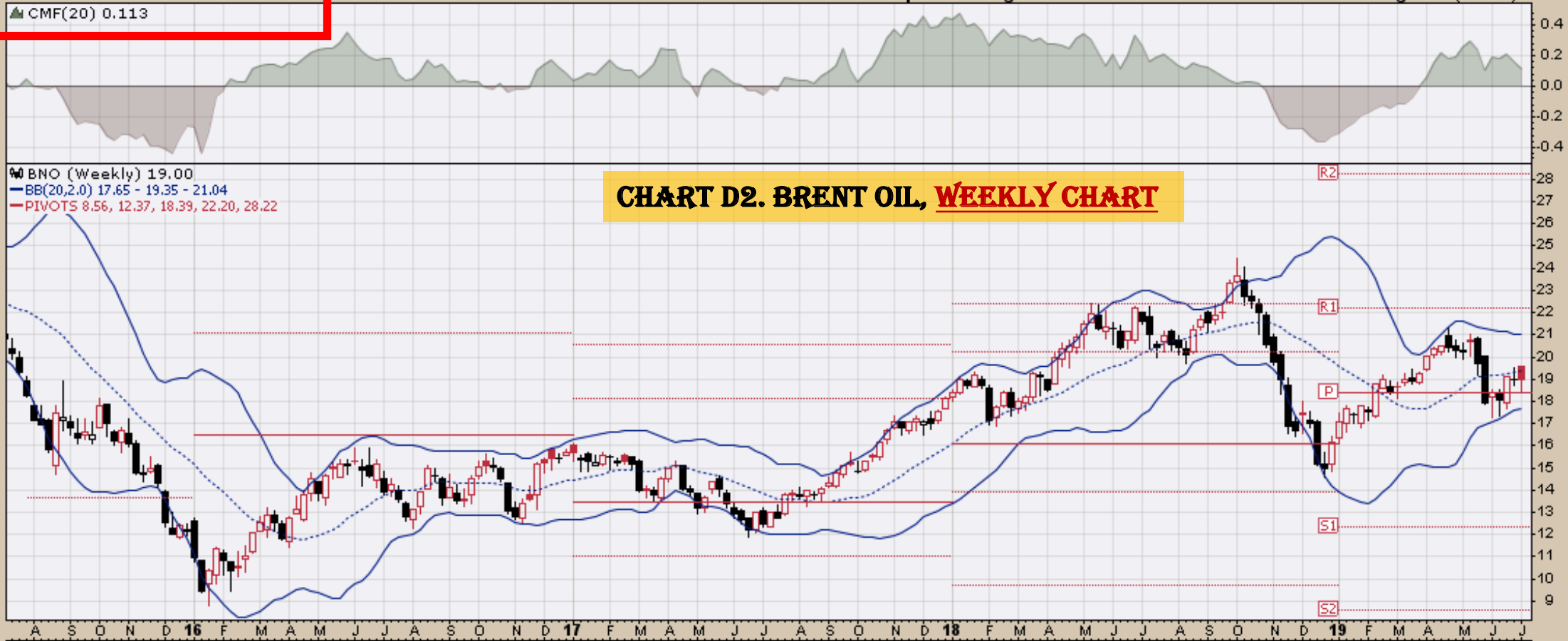


CHART D3. CORN, WEEKLY CHART

▲ CORN (Weekly) 16.77
— BB(20,2,0) 14.50 - 15.88 - 17.27
— PIVOTS 13.59, 14.99, 16.80, 18.20, 20.01

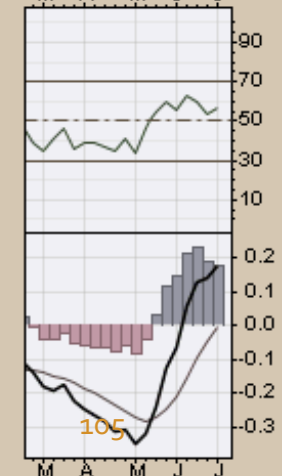
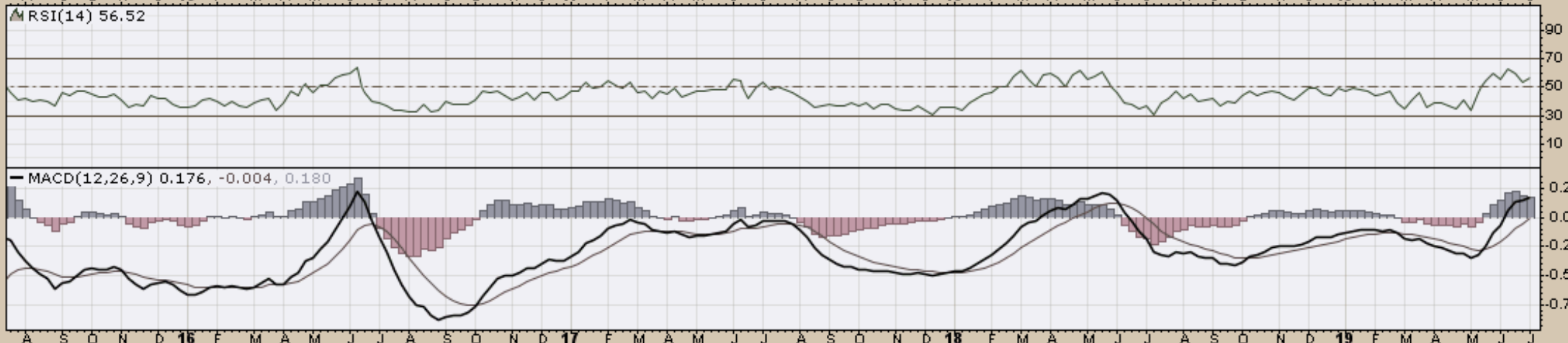


CHART D4. LIVESTOCK, WEEKLY CHART

▲ COWTF (Weekly) 21.80
— BB(20,2,0) 20.53 - 23.36 - 26.19
— PIVOTS 17.67, 20.26, 22.21, 24.80, 26.75

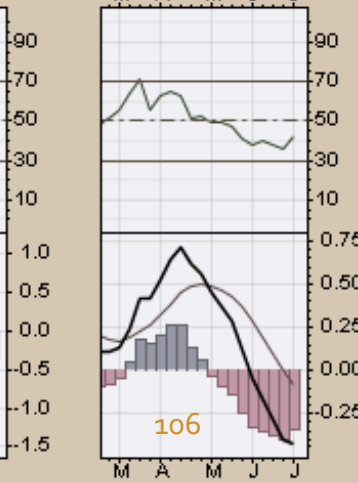
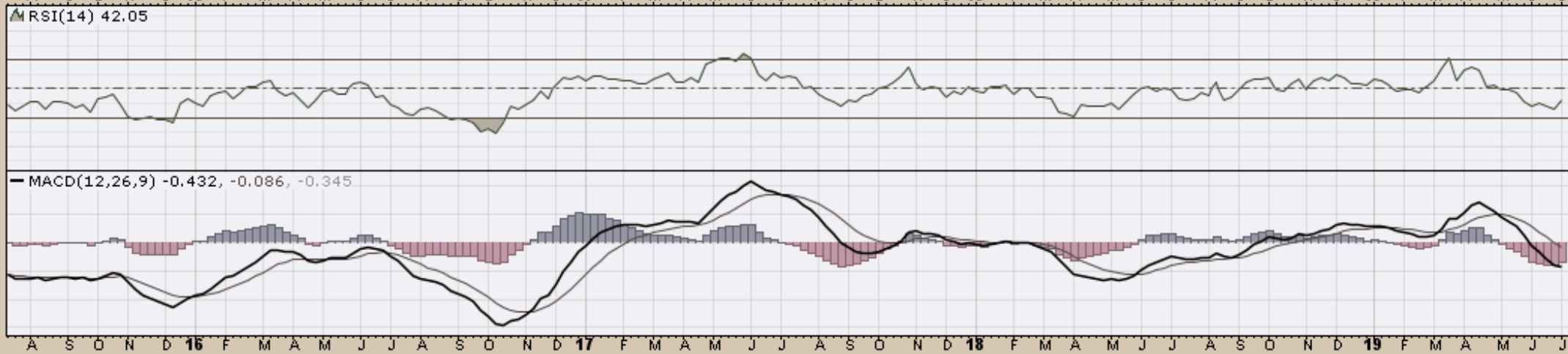
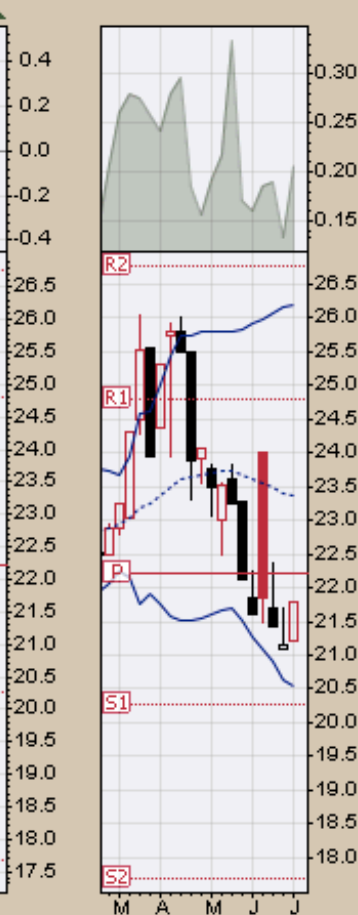
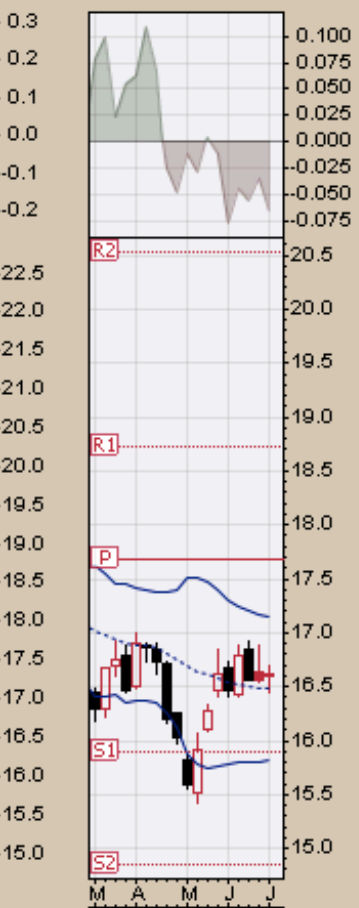
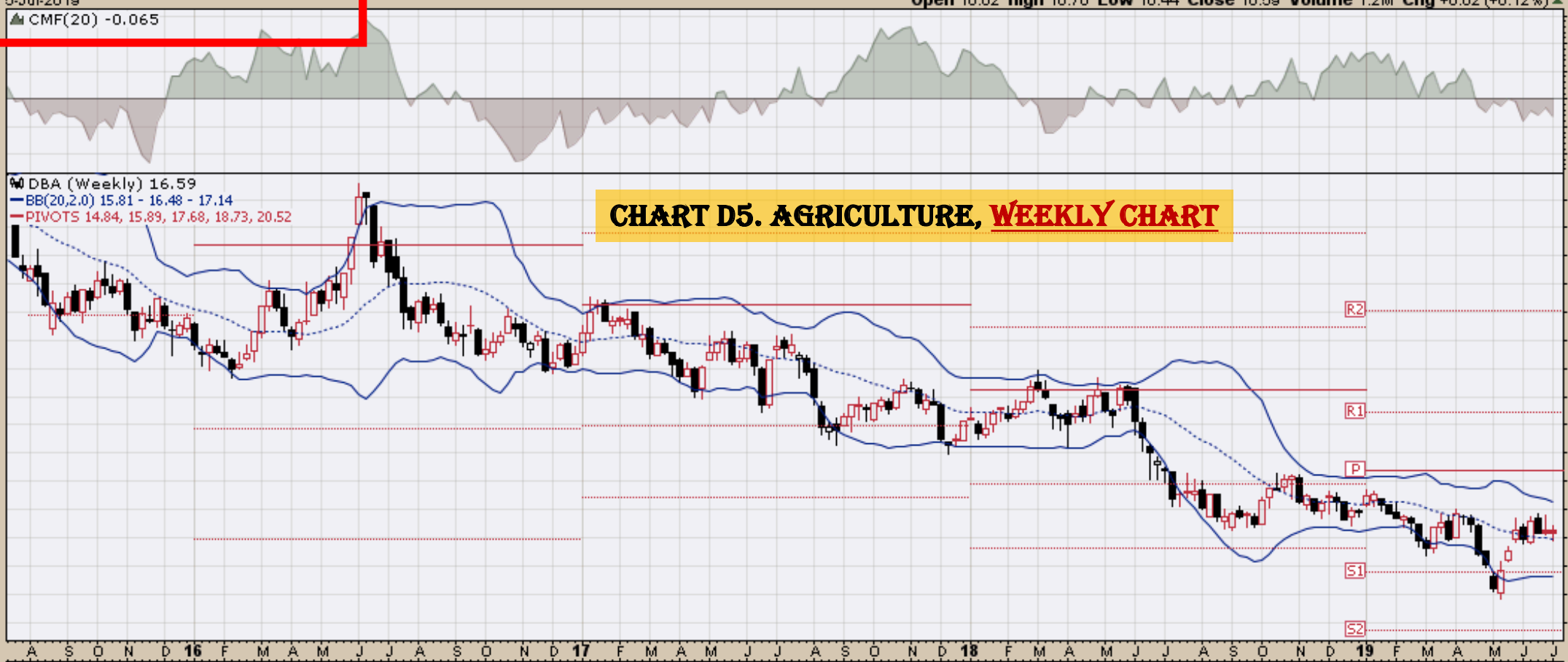
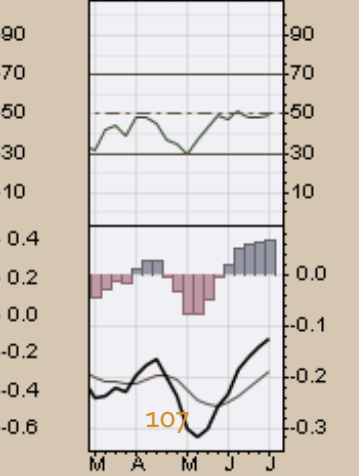
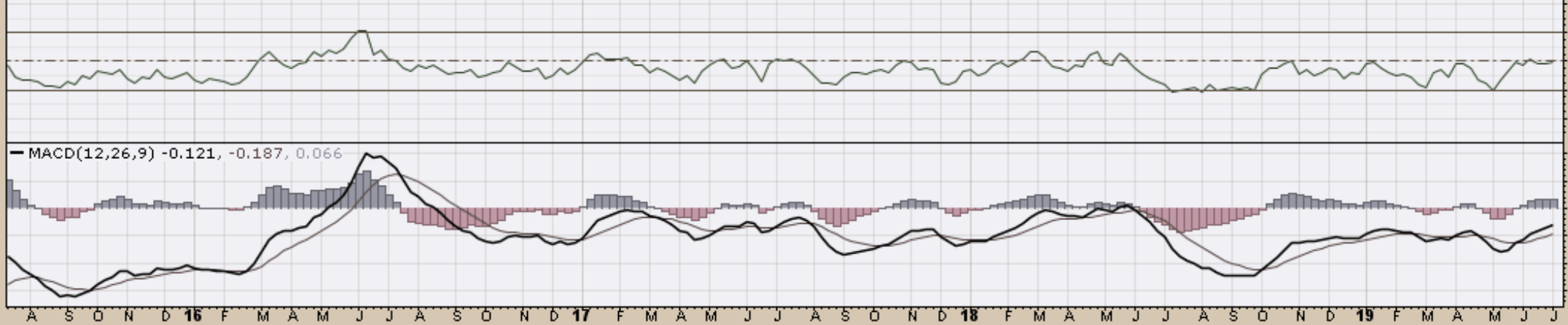


CHART D5. AGRICULTURE, WEEKLY CHART

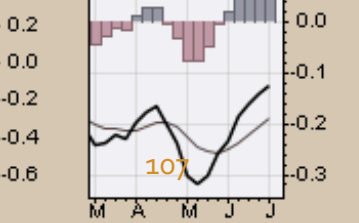
DBA (Weekly) 16.59
BB(20,2.0) 15.81 - 16.48 - 17.14
PIVOTS 14.84, 15.89, 17.68, 18.73, 20.52



▲ RSI(14) 49.15



MACD(12,26,9) -0.121, -0.187, 0.066



DBB (Weekly) 15.25
— BB(20,2,0) 14.76 - 16.10 - 17.43
— PIVOTS 11.92, 13.66, 16.65, 18.39, 21.37

CHART D6. BASE METALS, WEEKLY CHART

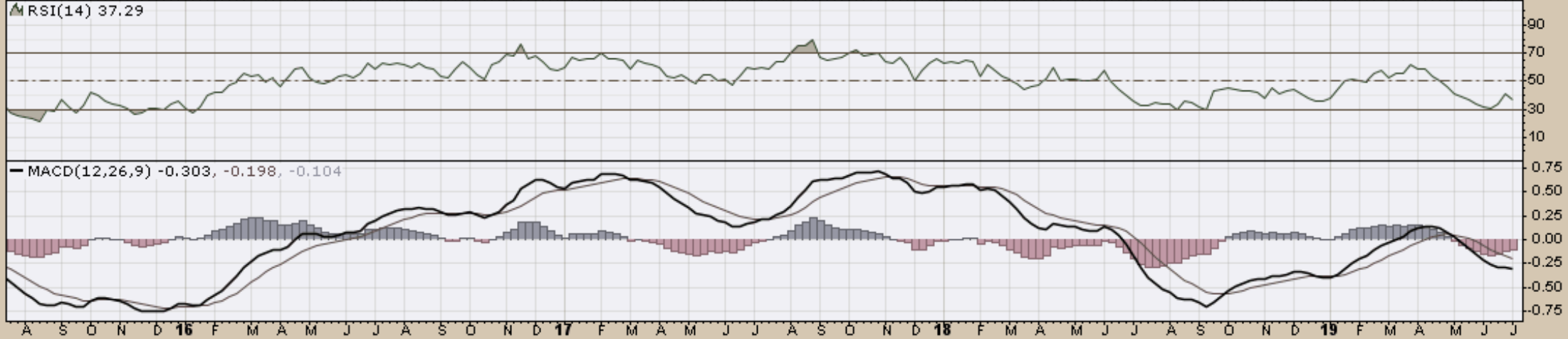
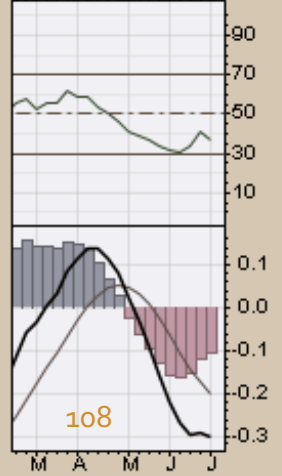
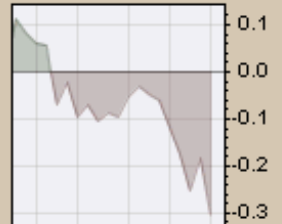
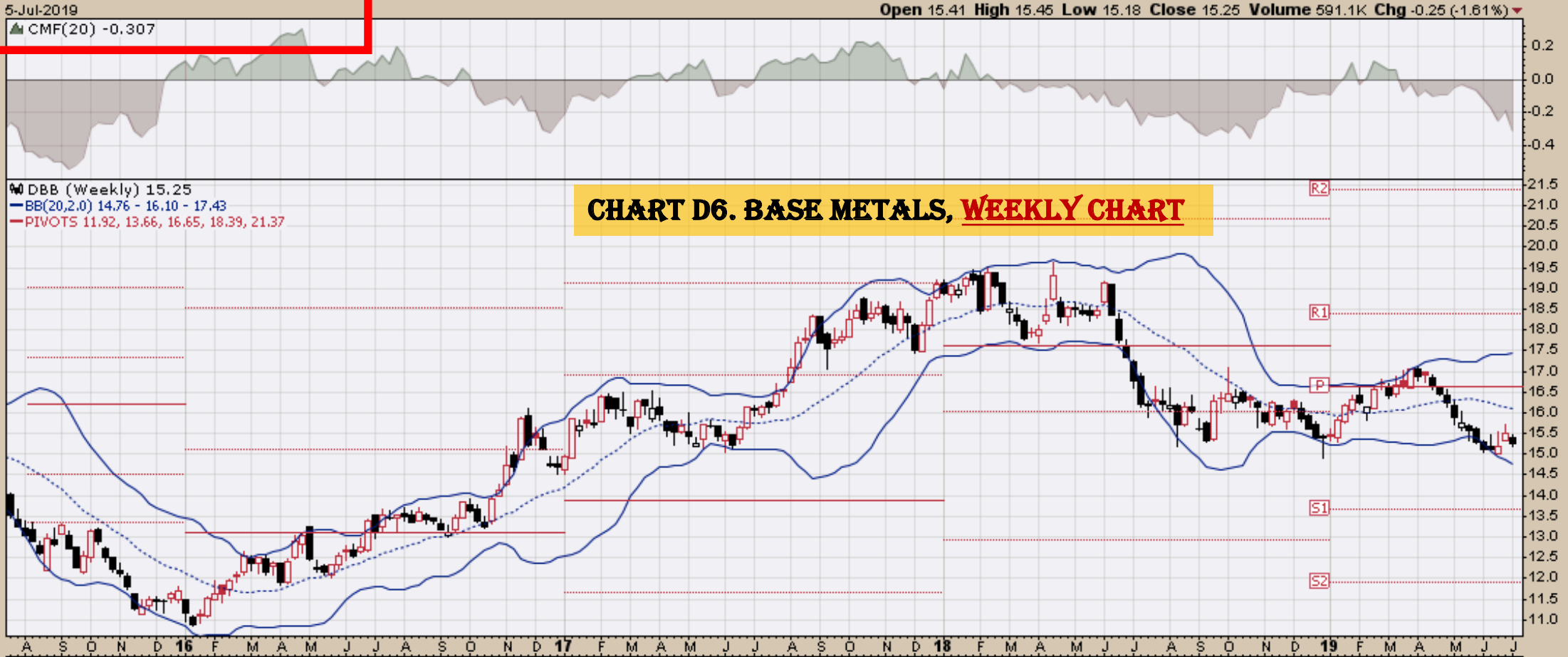


CHART D7. COMMODITY INDEX, WEEKLY CHART

▲ DBC (Weekly) 15.64
— BB(20,2,0) 15.16 - 15.79 - 16.42
— PIVOTS 11.77, 13.31, 15.86, 17.40, 19.95

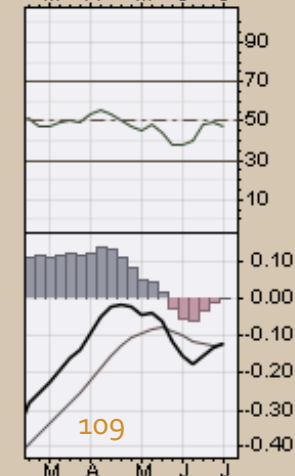
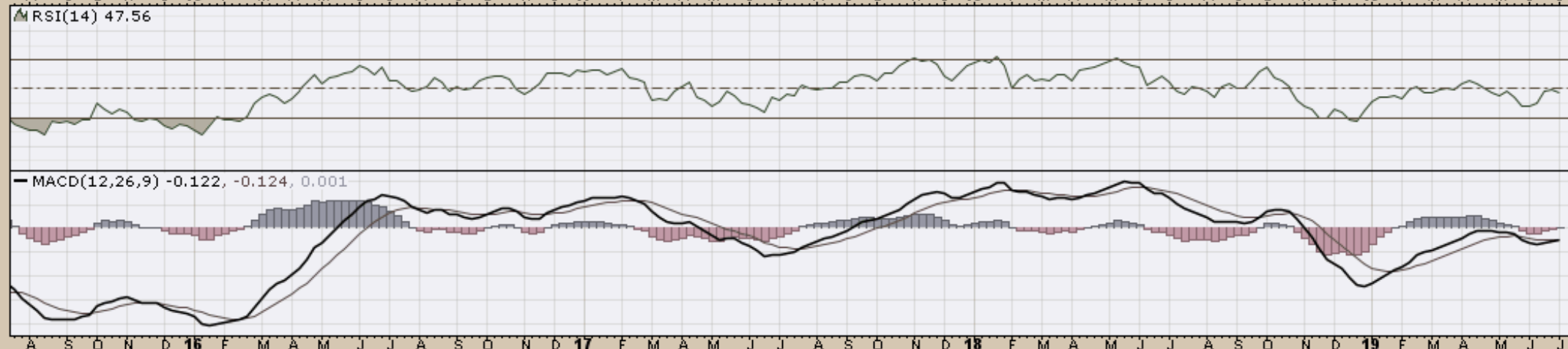
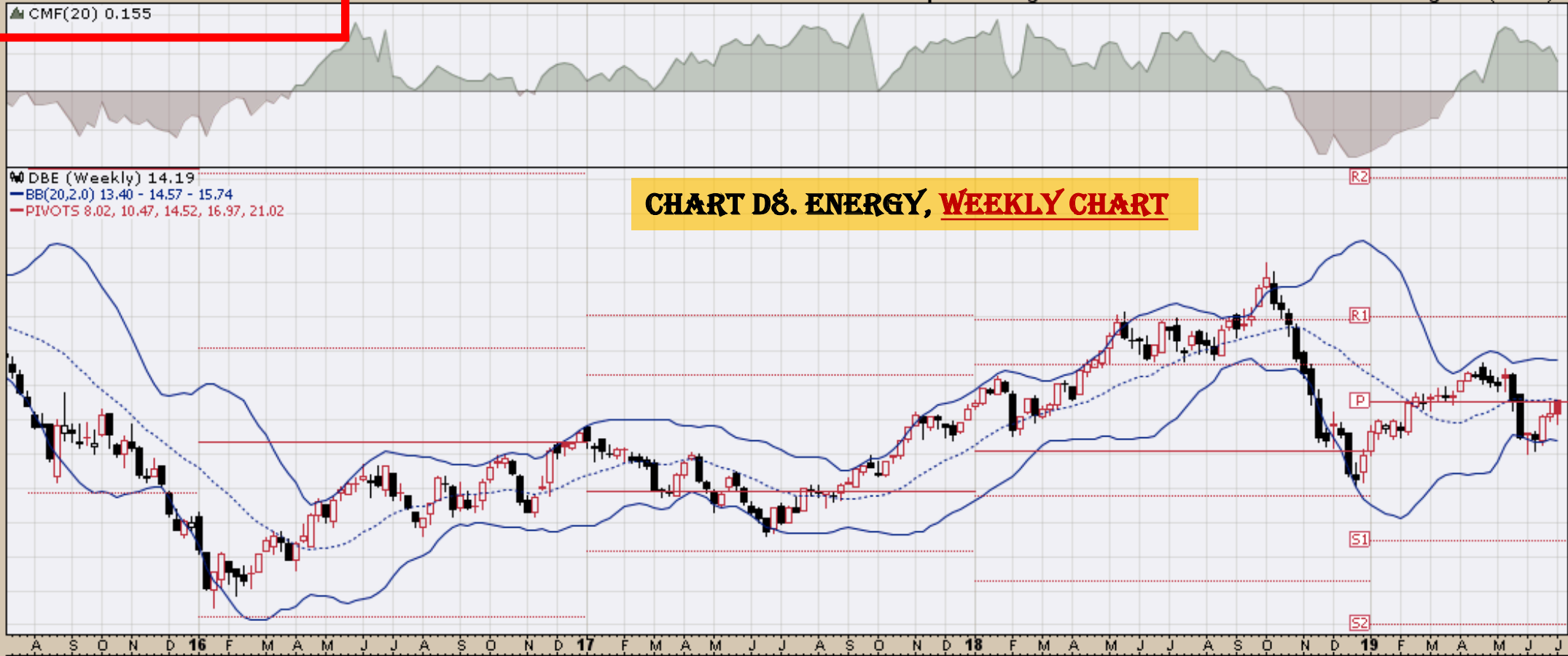
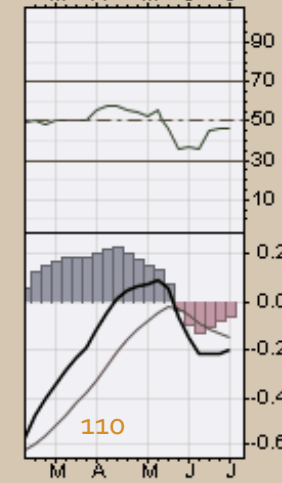
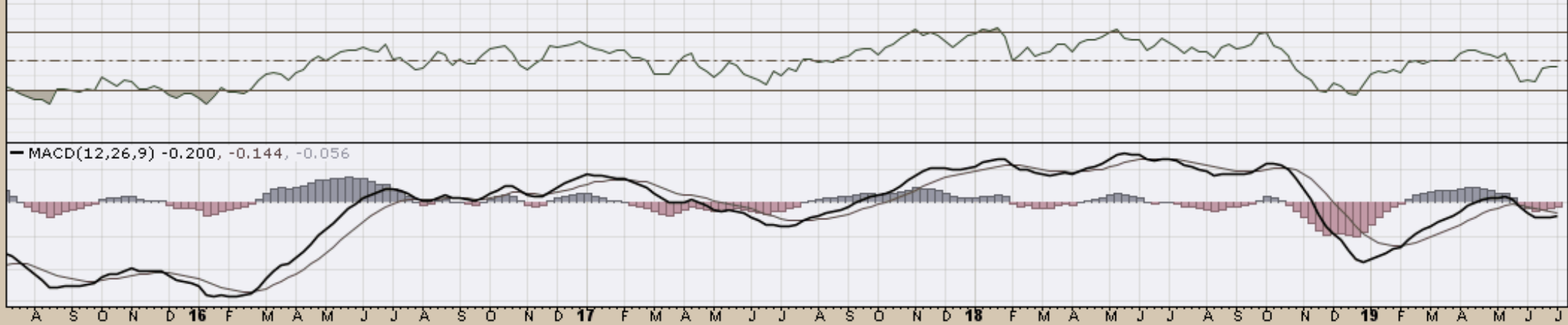


CHART D8. ENERGY, WEEKLY CHART

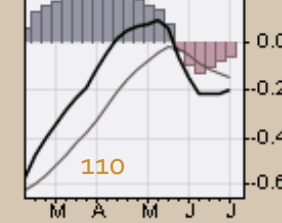
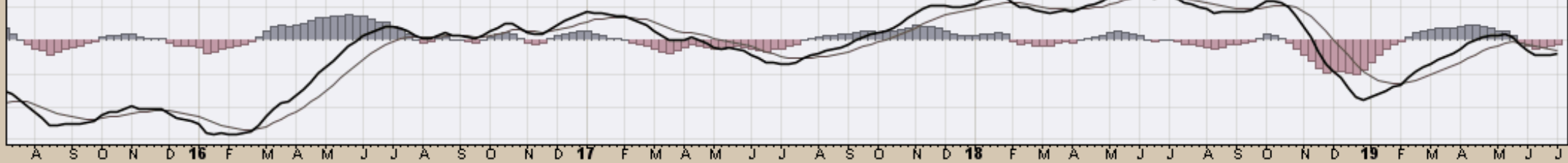
DBE (Weekly) 14.19
— BB(20,2,0) 13.40 - 14.57 - 15.74
— PIVOTS 8.02, 10.47, 14.52, 16.97, 21.02



▲ RSI(14) 46.38



— MACD(12,26,9) -0.200, -0.144, -0.056



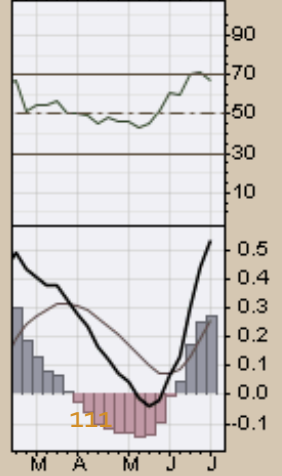
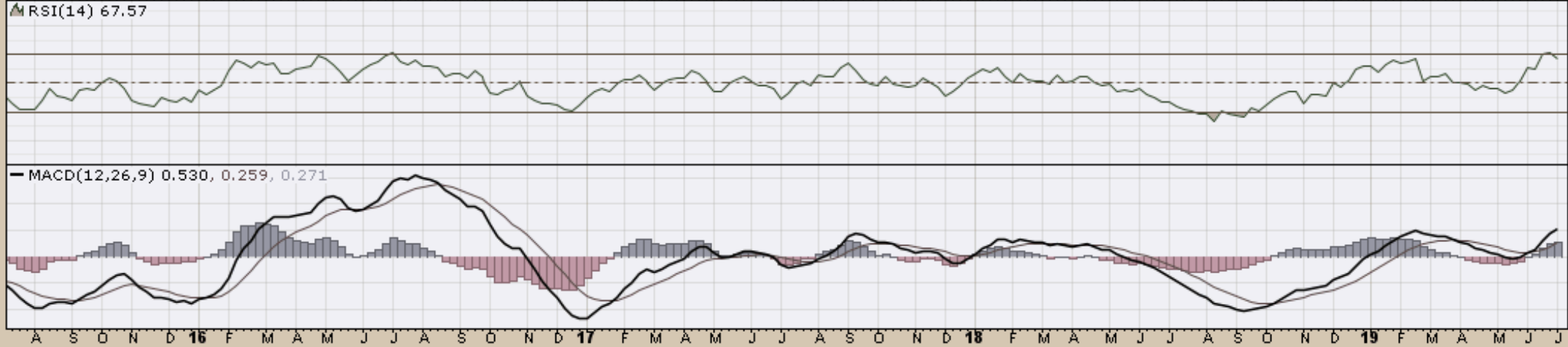
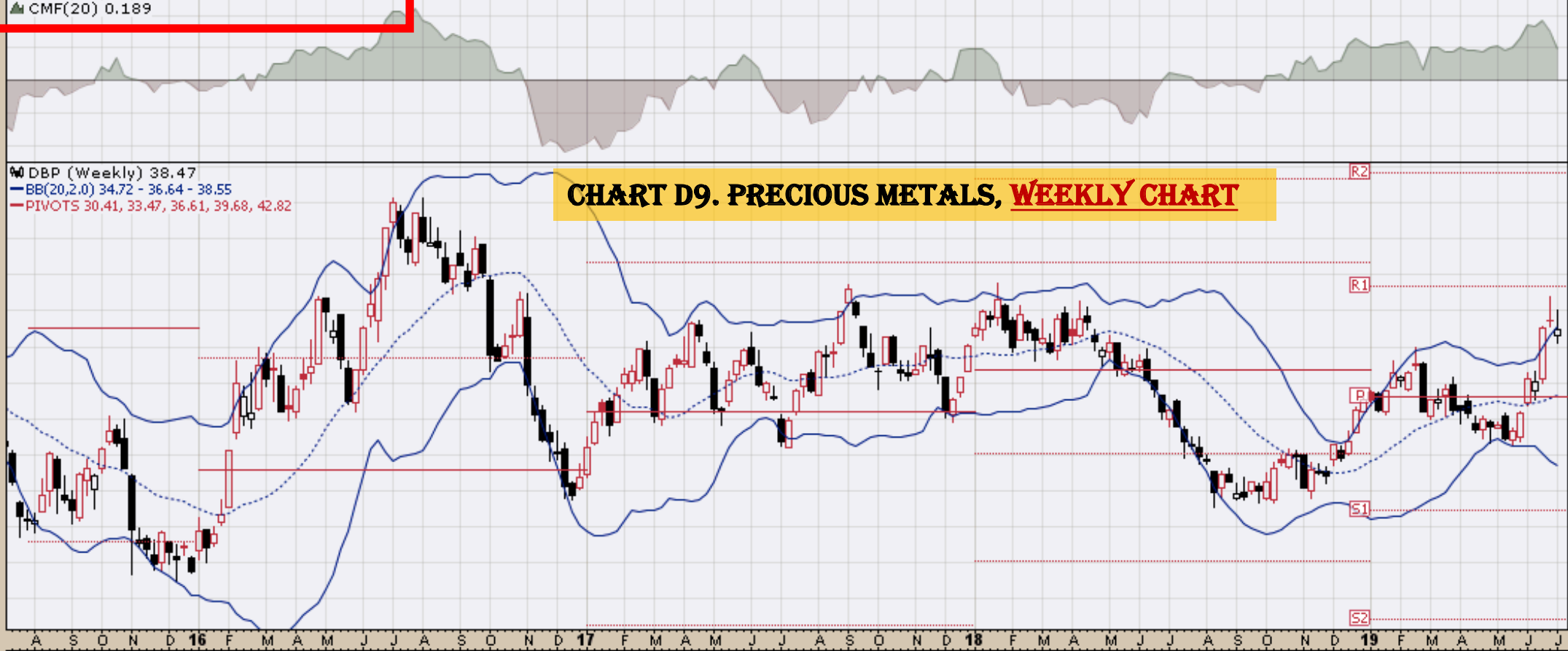
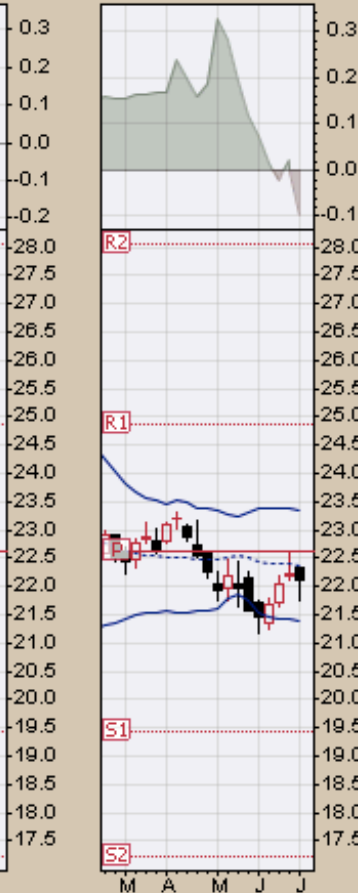
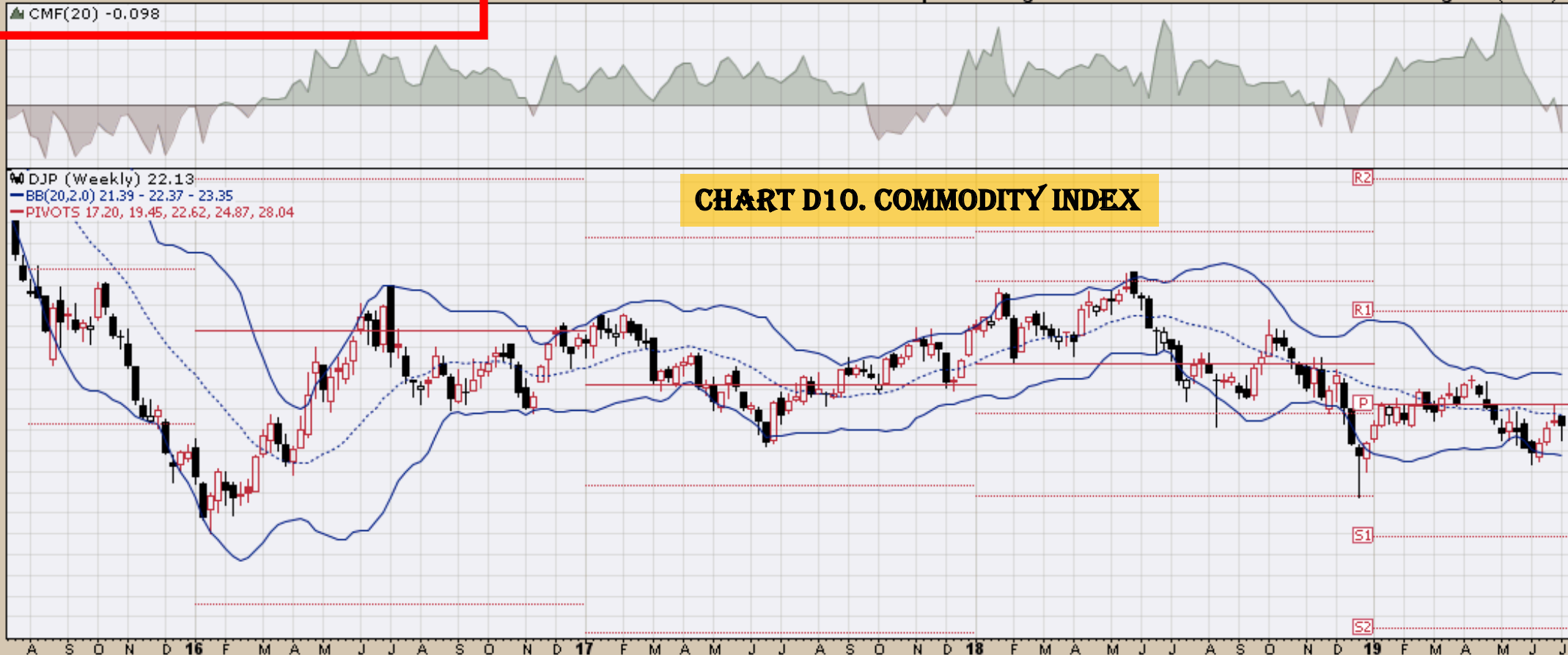
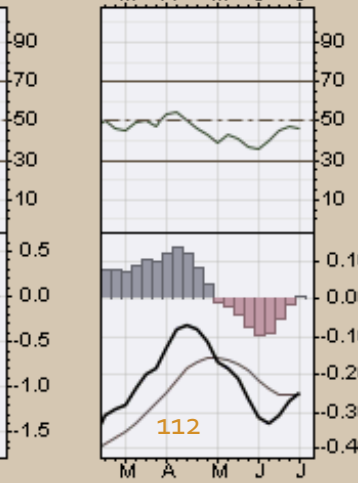
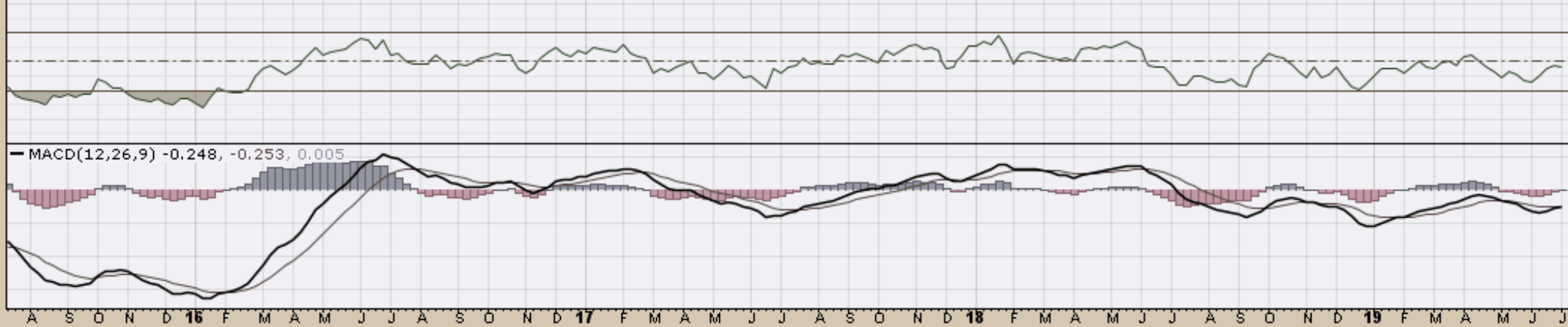


CHART D10. COMMODITY INDEX

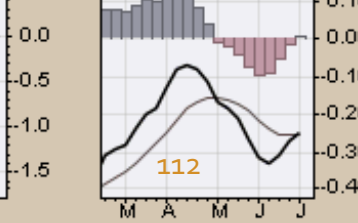
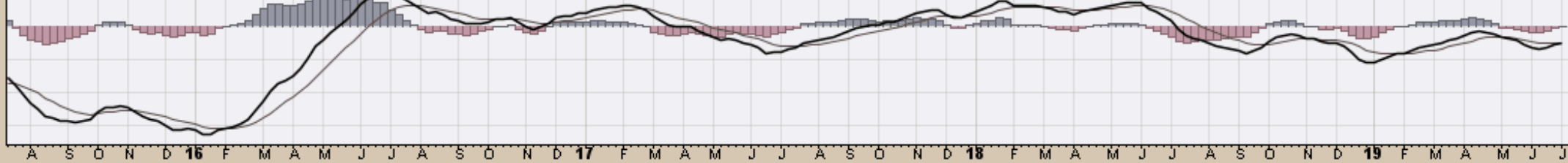
▲ DJP (Weekly) 22.13
— BB(20,2.0) 21.39 - 22.37 - 23.35
— PIVOTS 17.20, 19.45, 22.62, 24.87, 28.04



▲ RSI(14) 46.43



— MACD(12,26,9) -0.248, -0.253, 0.005



▲ CMF(20) 0.040

GLD (Weekly) 132.14
— BB(20,2,0) 116.30 - 124.13 - 131.95
— PIVOTS 102.22, 111.83, 120.67, 130.28, 139.13

CHART D11. GOLD, WEEKLY CHART

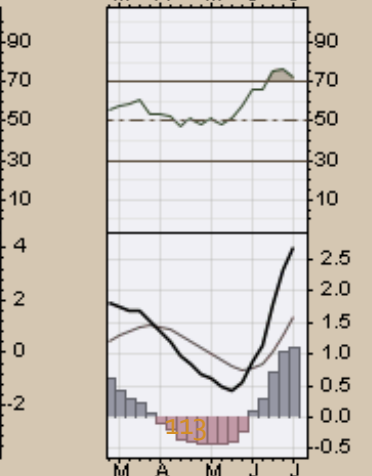
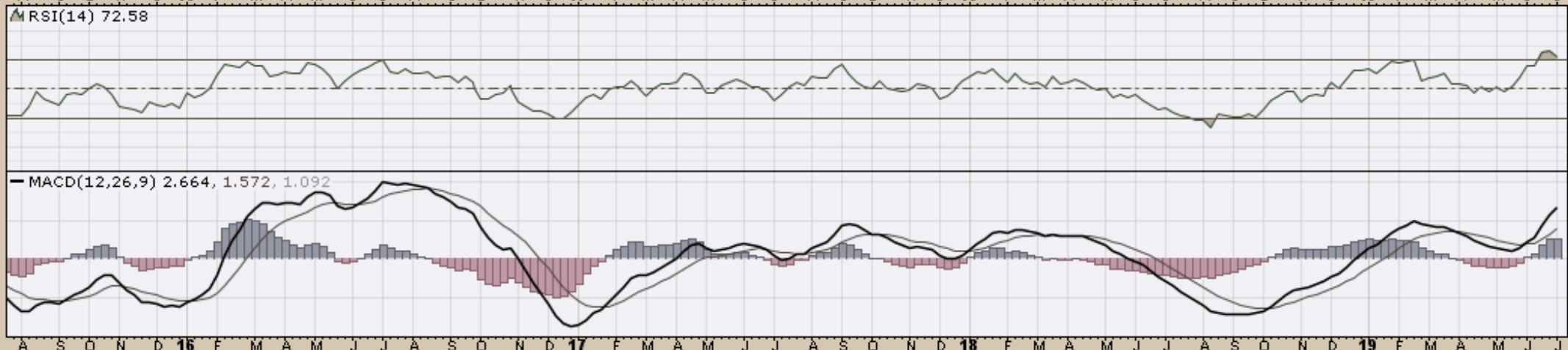
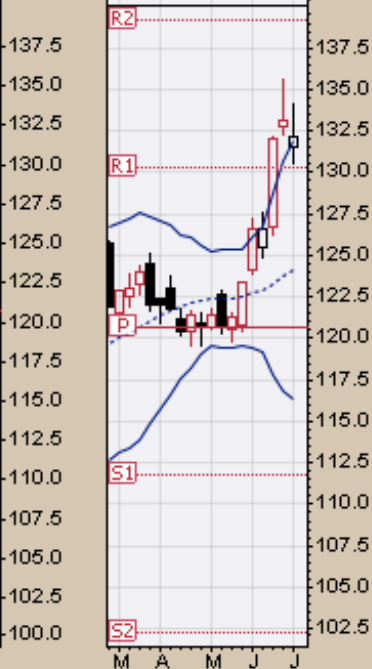
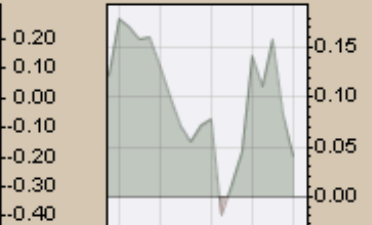
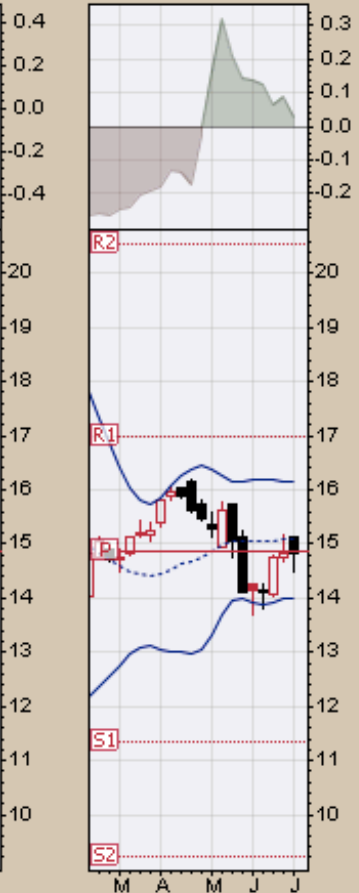
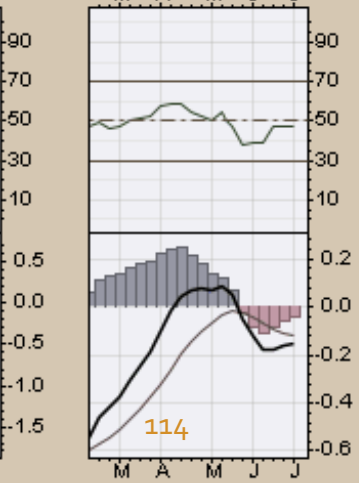
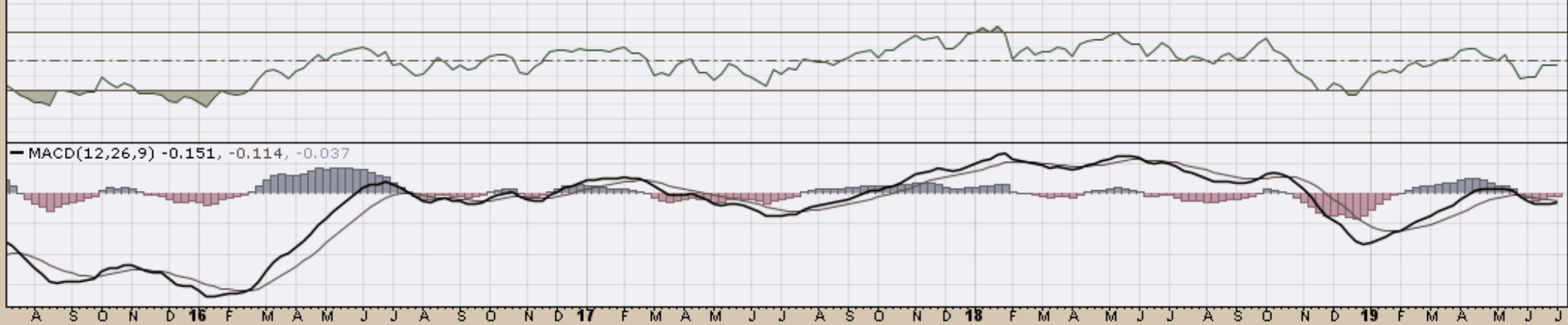


CHART D12. GOLDMAN SACHS TOTAL RETURN COMMODITY INDEX, WEEKLY CHART

% GSP (Weekly) 14.82
— BB(20,2,0) 13.99 - 15.08 - 16.17
— PIVOTS 9.21, 11.34, 14.87, 17.00, 20.52



▲ RSI(14) 47.63



— MACD(12,26,9) -0.151, -0.114, -0.037

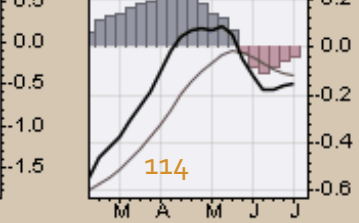
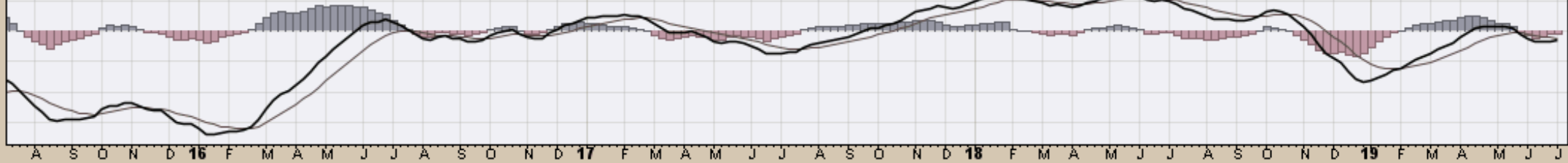
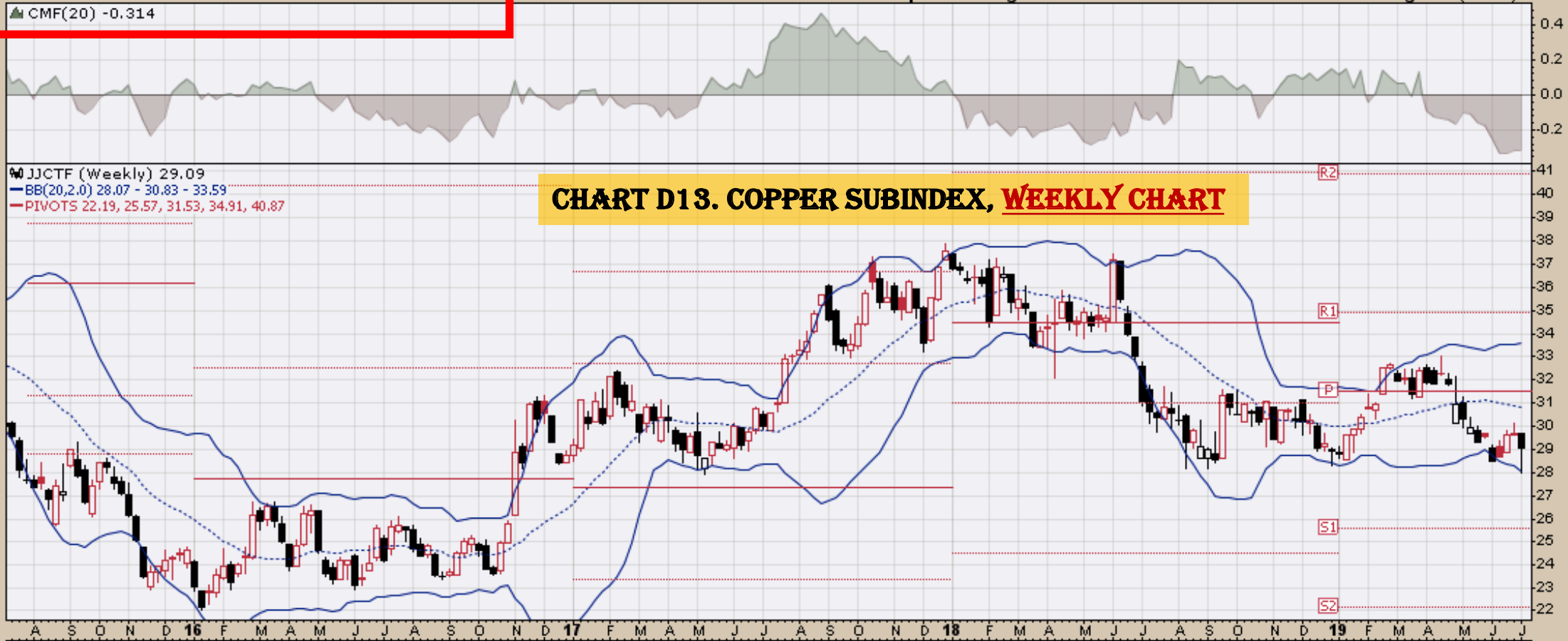
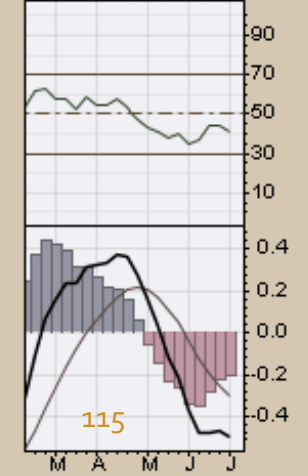
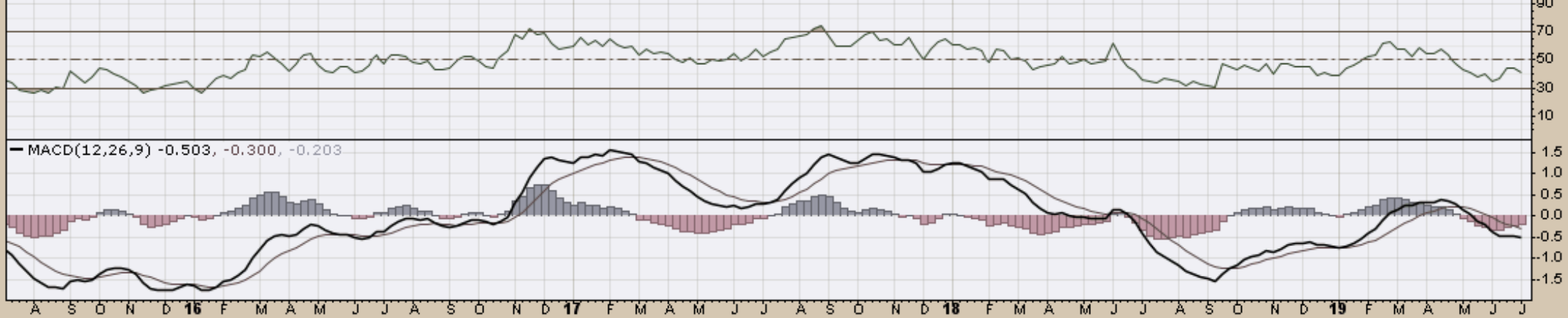


CHART D13. COPPER SUBINDEX, WEEKLY CHART

▲ JJCTF (Weekly) 29.09
— BB(20,2,0) 28.07 - 30.83 - 33.59
— PIVOTS 22.19, 25.57, 31.53, 34.91, 40.87



▲ RSI(14) 41.03



— MACD(12,26,9) -0.503, -0.300, -0.203

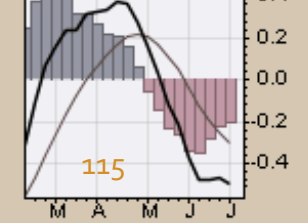
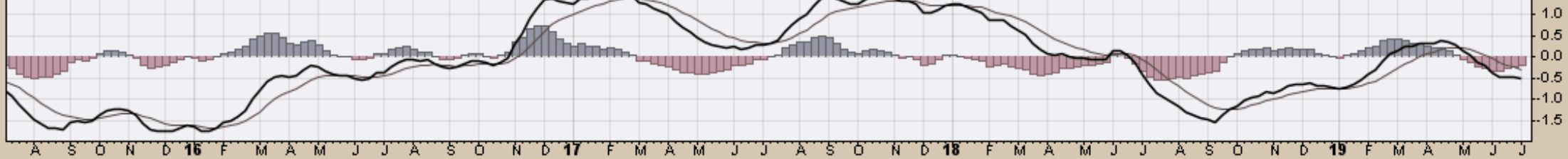
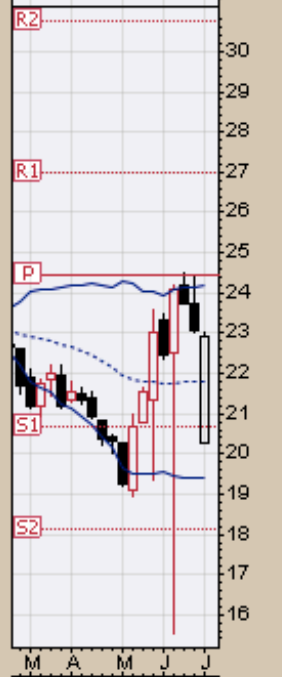
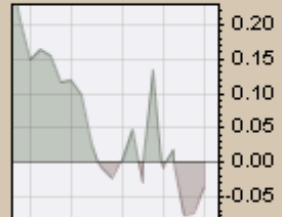
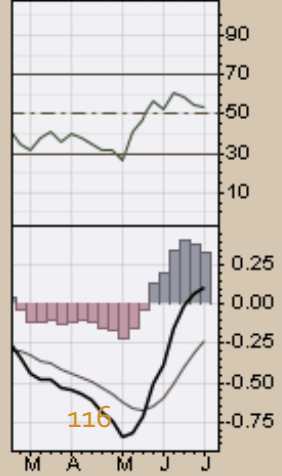
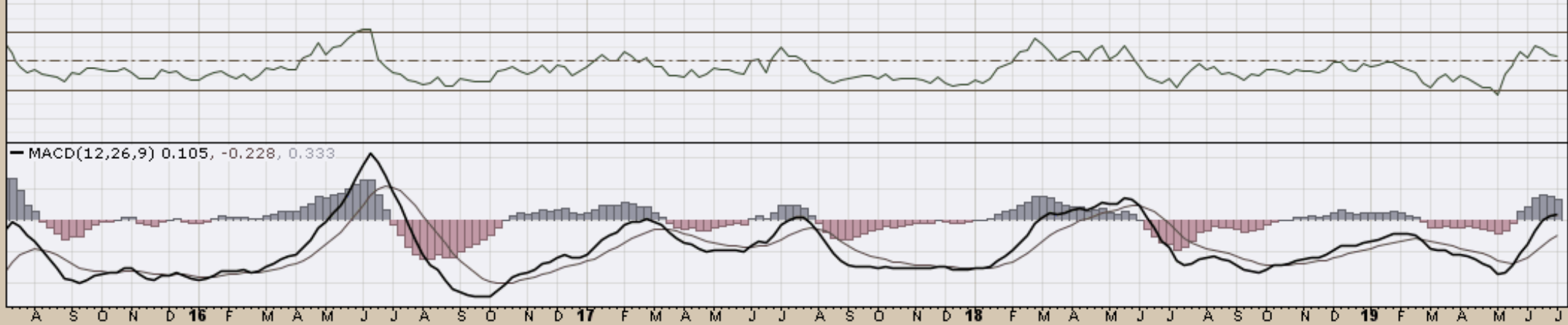


CHART D14. GRAINS, WEEKLY CHART

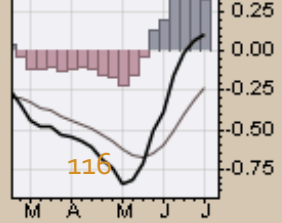
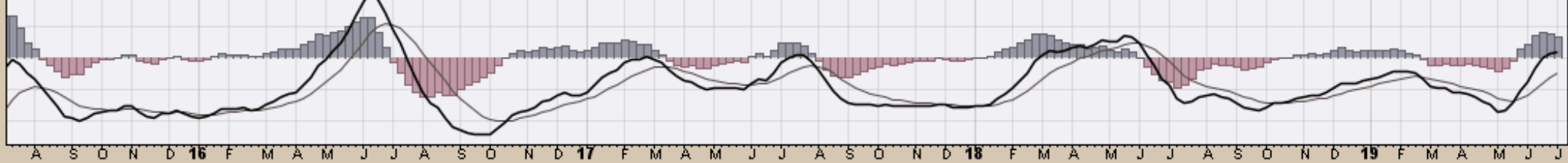
▲ JJGTF (Weekly) 22.90
— BB(20,2.0) 19.41 - 21.79 - 24.17
— PIVOTS 18.11, 20.69, 24.42, 27.00, 30.73



▲ RSI(14) 53.47



— MACD(12,26,9) 0.105, -0.228, 0.333

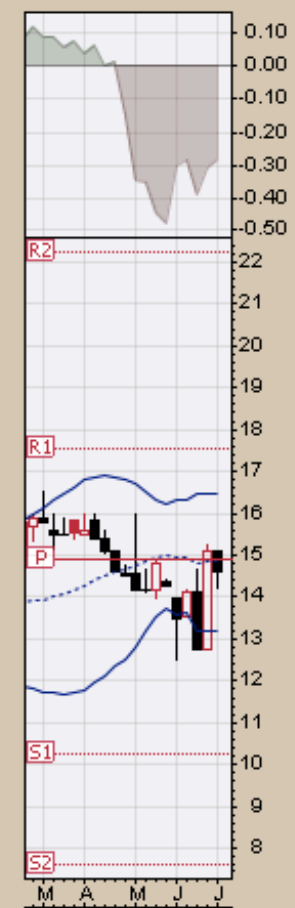


5-Jul-2019

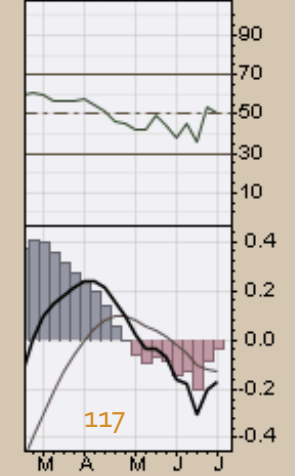
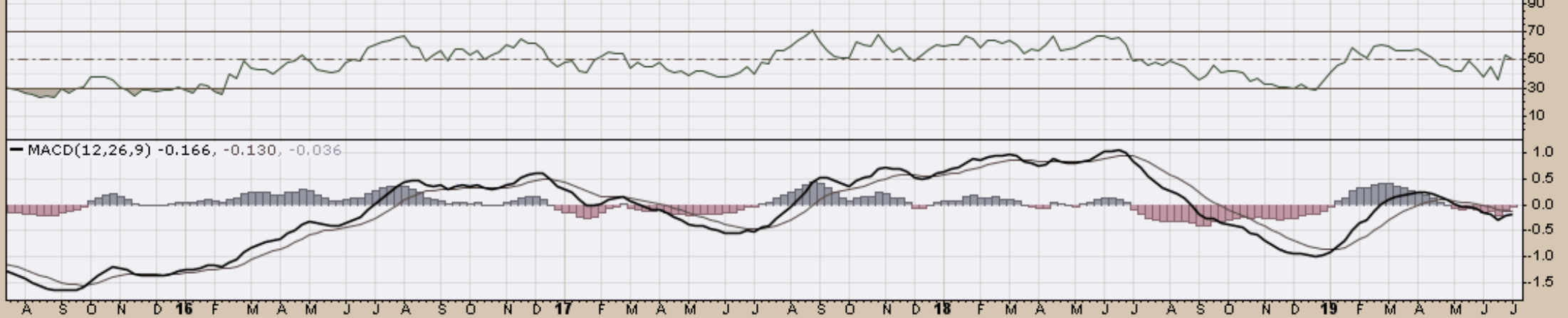
▲ CMF(20) -0.282

%% JJNTF (Weekly) 14.62
— BB(20,2,0) 13.19 - 14.83 - 16.47
— PIVOTS 7.59, 10.25, 14.90, 17.56, 22.21

CHART D15. NICKEL, WEEKLY CHART

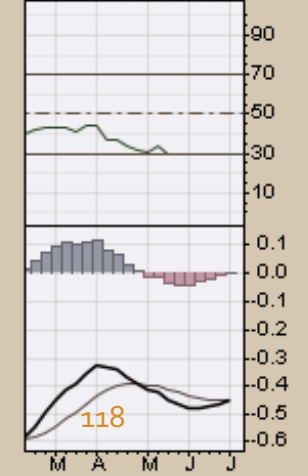
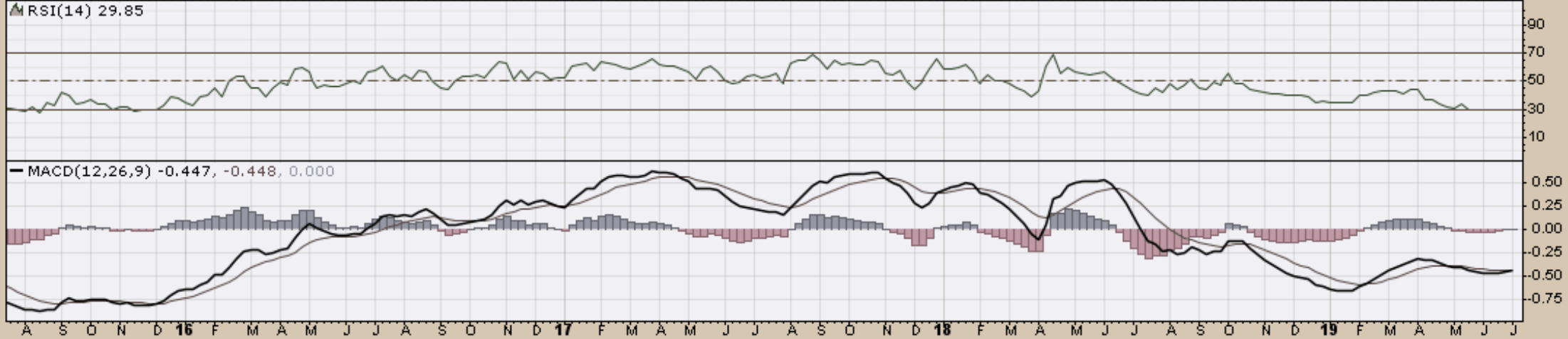
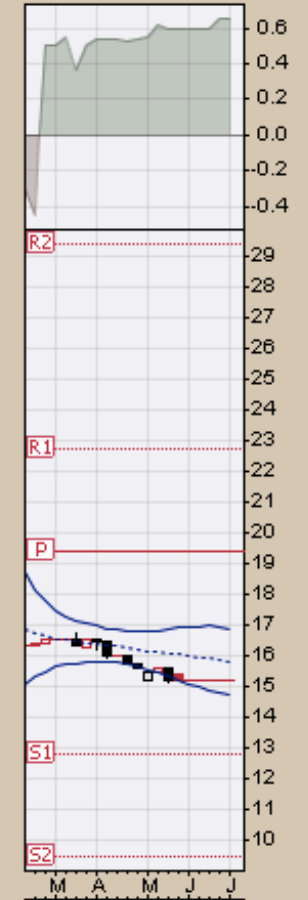


▲ RSI(14) 50.46



▲ JJUFF (Weekly) 15.20
— BB(20,2,0) 14.71 - 15.79 - 16.88
— PIVOTS 9.40, 12.77, 19.38, 22.75, 29.36

CHART D16. ALUMINUM, WEEKLY CHART



5-Jul-2019
▲ CMF(20) 0.125

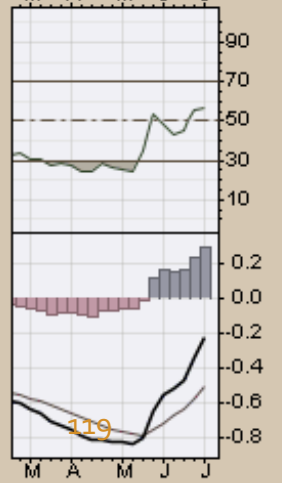
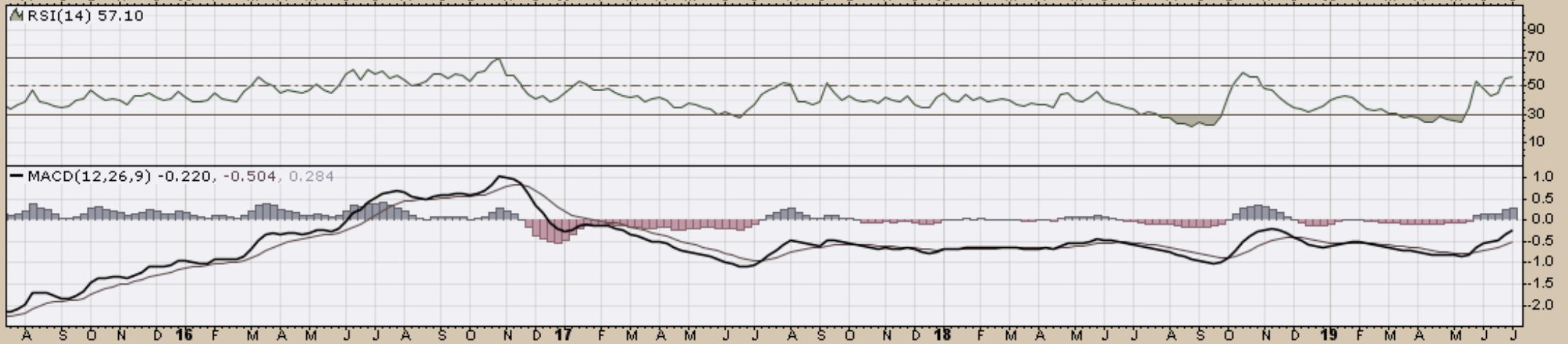
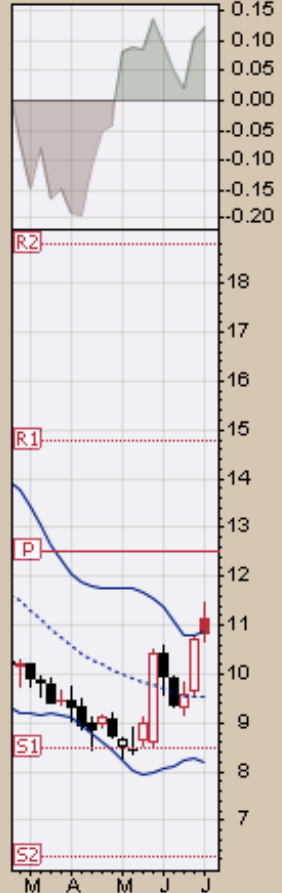
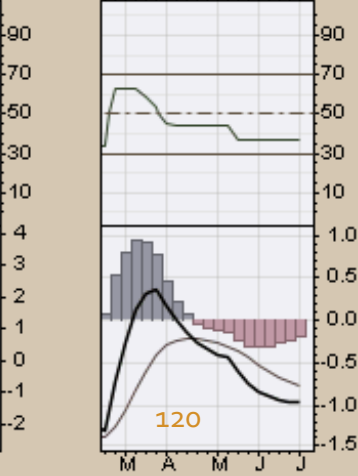
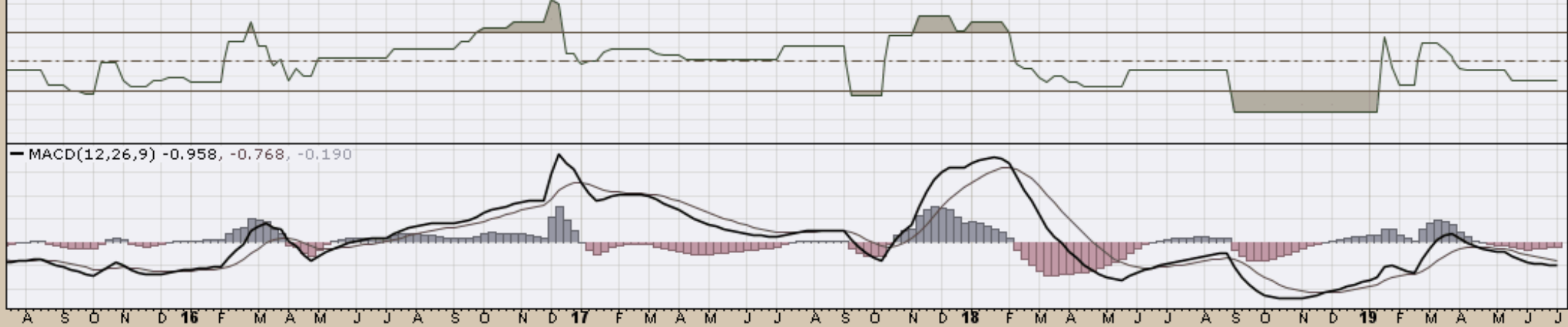


CHART D18. LEAD, WEEKLY CHART

LD (Weekly) 41.69
BB(20,2,0) 38.58 - 43.93 - 49.40
PIVOTS 26.66, 34.89, 48.44, 56.67, 70.22



▲ RSI(14) 37.46



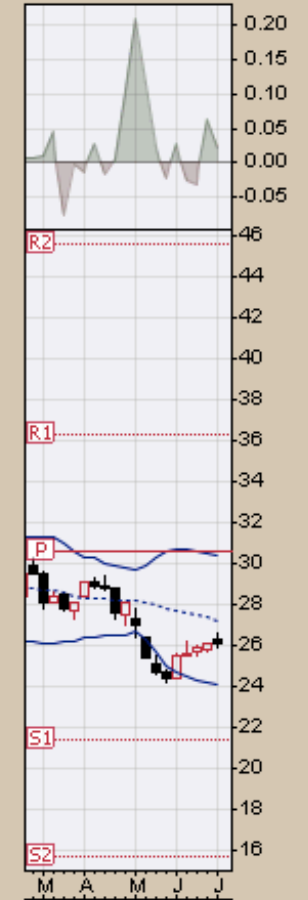
LIT Global X Lithium ETF NYSE
5-Jul-2019
▲ CMF(20) 0.023

Open 26.27 High 26.54 Low 25.90 Close 26.08 Volume 356.3K Chg -0.01 (-0.03%)

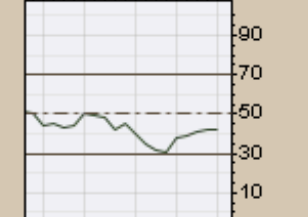
© StockCharts.com

CHART D19. LITHIUM, WEEKLY CHART

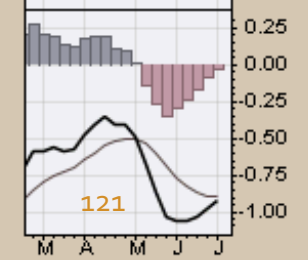
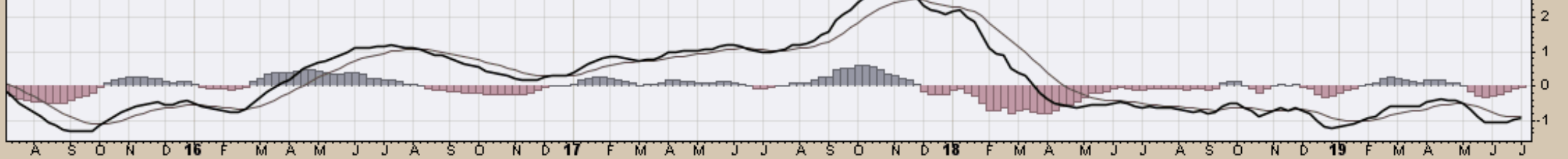
▲ LIT (Weekly) 26.08
— BB(20,2,0) 24.03 - 27.21 - 30.39
— PIVOTS 15.60, 21.31, 30.58, 36.29, 45.56



▲ RSI(14) 42.20



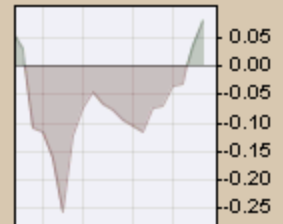
— MACD(12,26,9) -0.926, -0.896, -0.030



121

NIB (Weekly) 28.45
BB(20,2,0) 24.09 - 26.95 - 29.81
PIVOTS 14.85, 20.96, 28.37, 34.48, 41.89

CHART D20. COCOA, 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

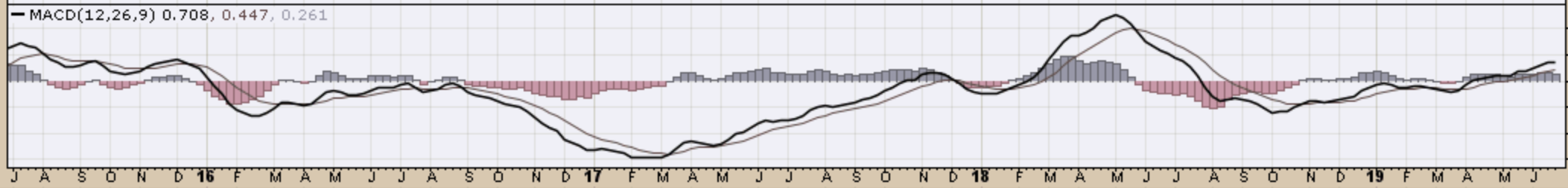
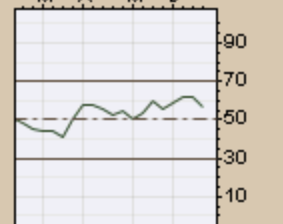
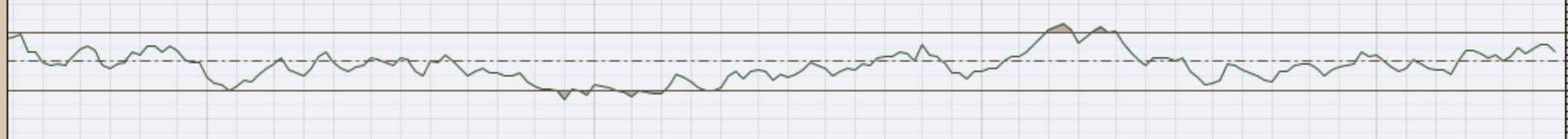
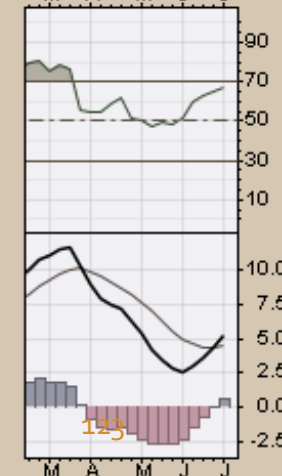
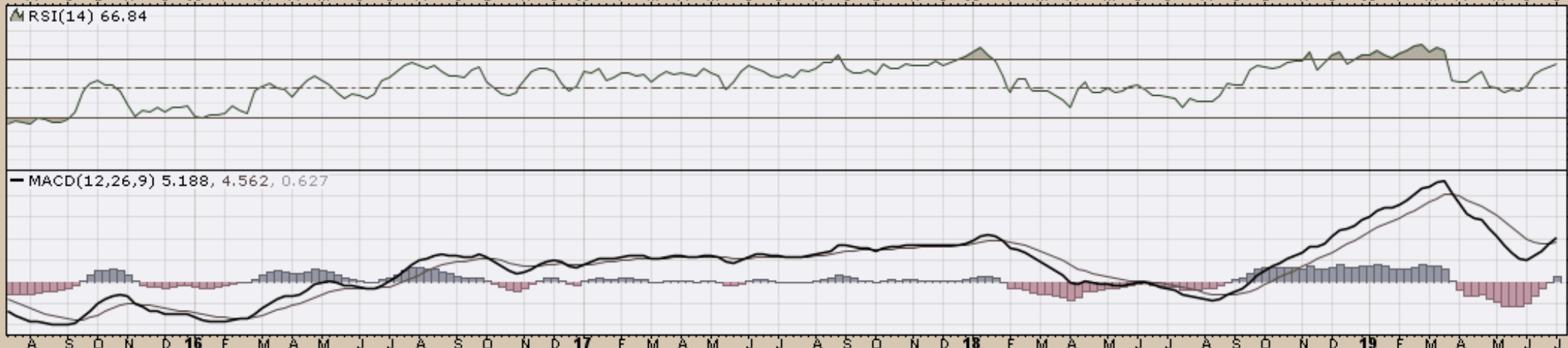


CHART D21. PALLADIUM, WEEKLY CHART

▲ PALL (Weekly) 148.43
— BB(20,2,0) 119.61 - 136.25 - 152.88
— PIVOTS 63.50, 94.60, 110.71, 141.81, 157.92



▲ CMF(20) -0.068

▲ PPLT (Weekly) 76.56
— BB(20,2,0) 73.09 - 79.70 - 86.32
— PIVOTS 56.56, 67.22, 82.58, 93.24, 108.60

CHART D23. SUGAR, WEEKLY CHART

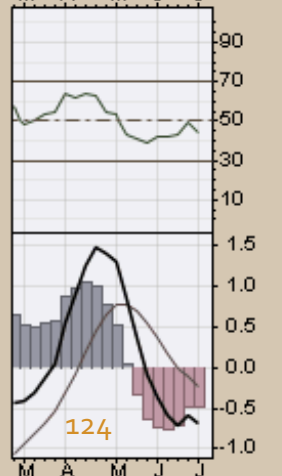
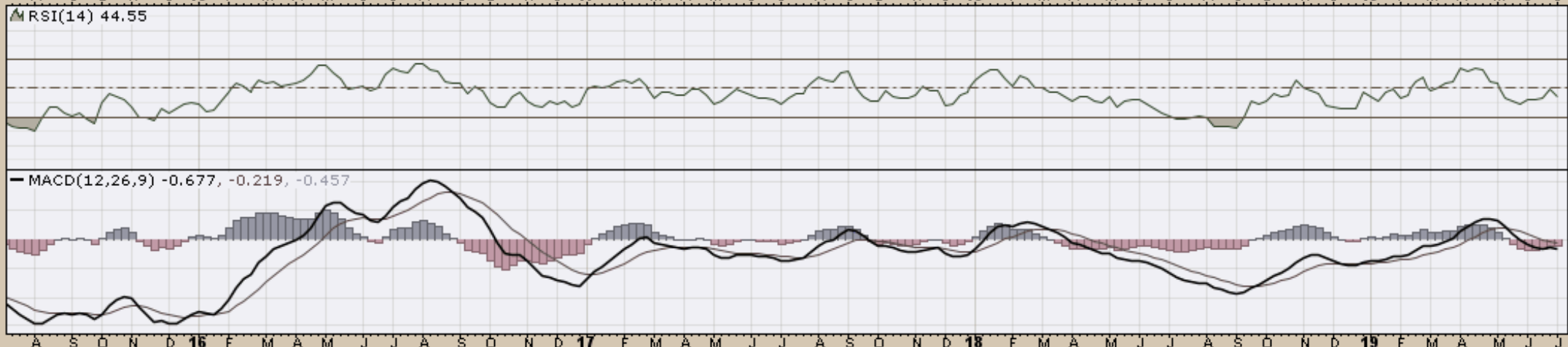
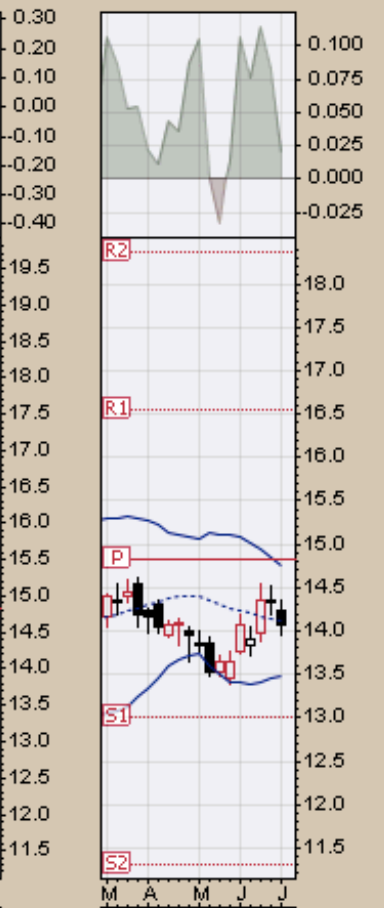


CHART D24. SILVER, WEEKLY CHART

SLV (Weekly) 14.06
BB(20,2,0) 13.48 - 14.11 - 14.75
PIVOTS 11.30, 13.01, 14.83, 16.54, 18.36



▲ RSI(14) 48.75

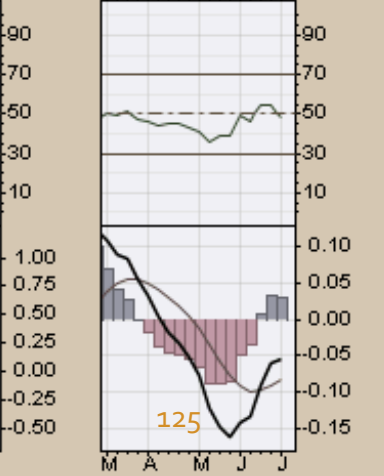
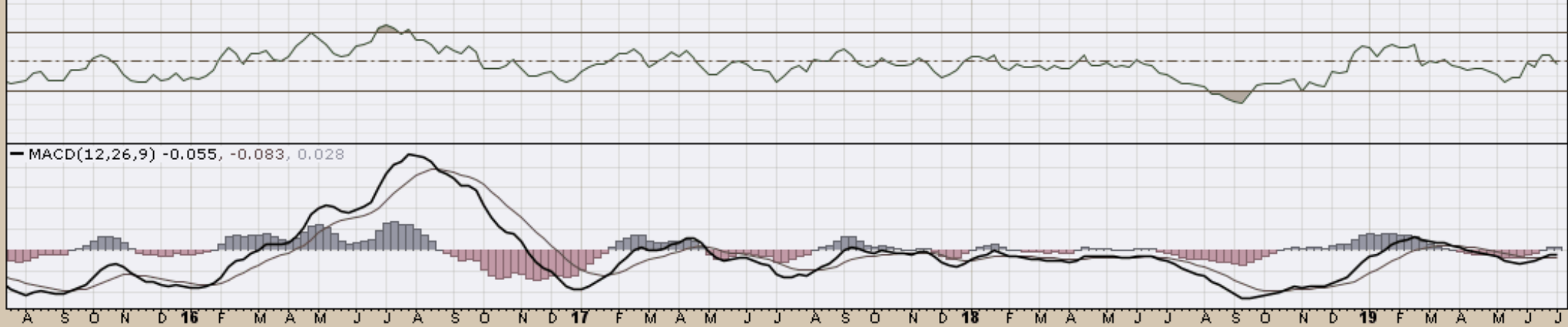
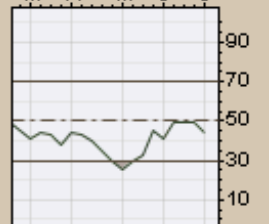
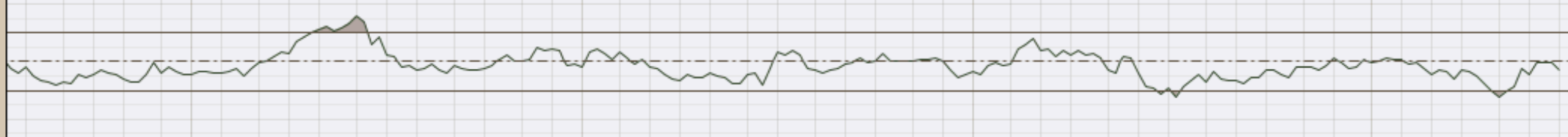


CHART D25. SOYBEANS, WEEKLY CHART

SOYB (Weekly) 15.27
— BB(20,2,0) 14.44 - 15.57 - 16.70
— PIVOTS 12.92, 14.78, 17.12, 18.99, 21.33



▲ RSI(14) 44.00



— MACD(12,26,9) -0.238, -0.296, 0.057

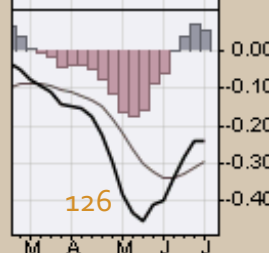
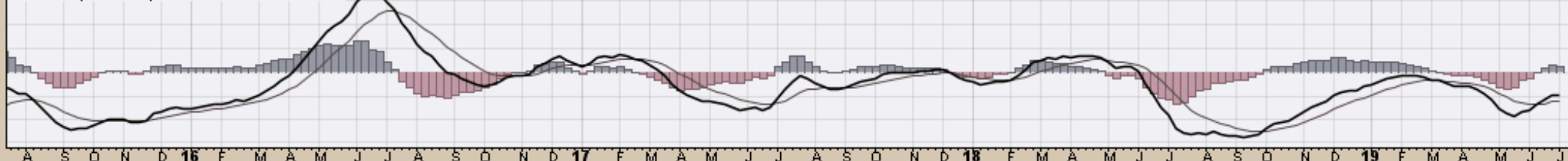


CHART D26. GASOLINE, WEEKLY CHART

UGA (Weekly) 31.53
BB(20,2,0) 26.40 - 30.01 - 33.61
PIVOTS 12.53, 18.12, 27.63, 33.22, 42.73

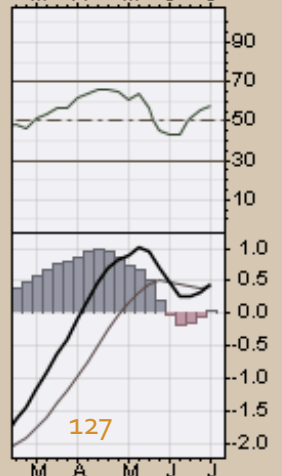
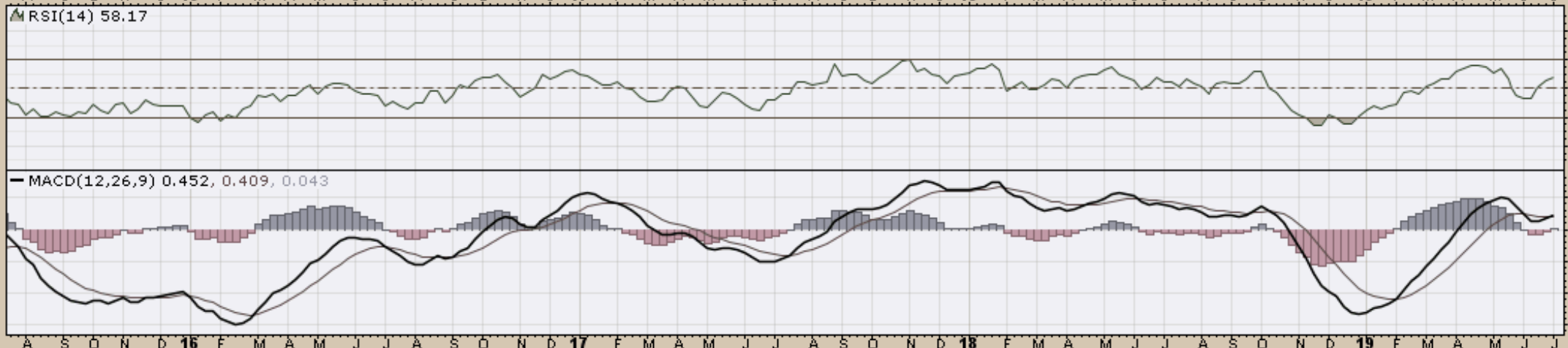
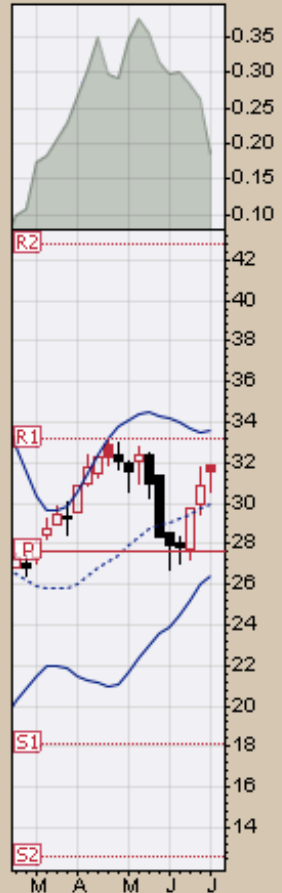
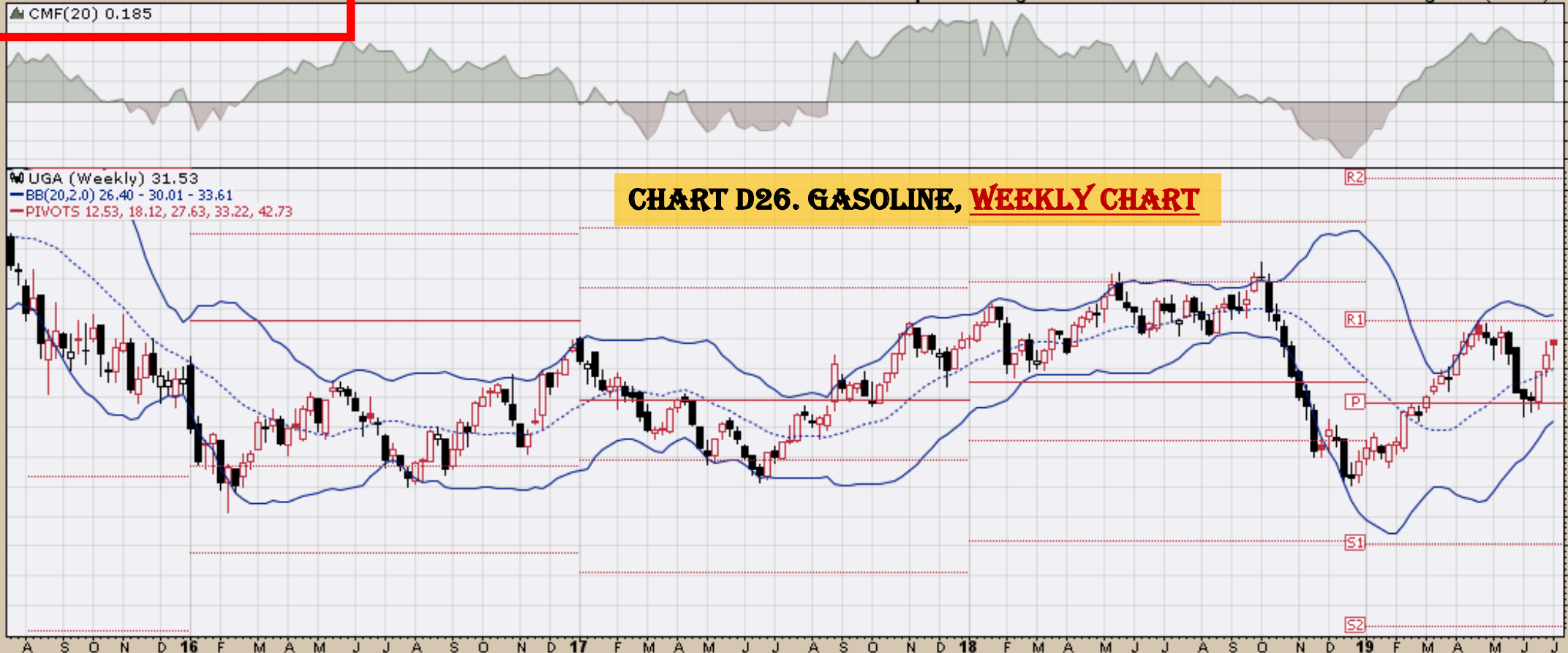


CHART 27. NATURAL GAS, WEEKLY CHART

UNG (Weekly) 20.68
BB(20,2,0) 18.84 - 22.44 - 26.04
PIVOTS 10.53, 17.81, 28.84, 36.12, 47.15

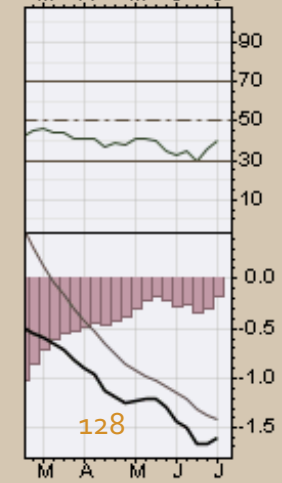
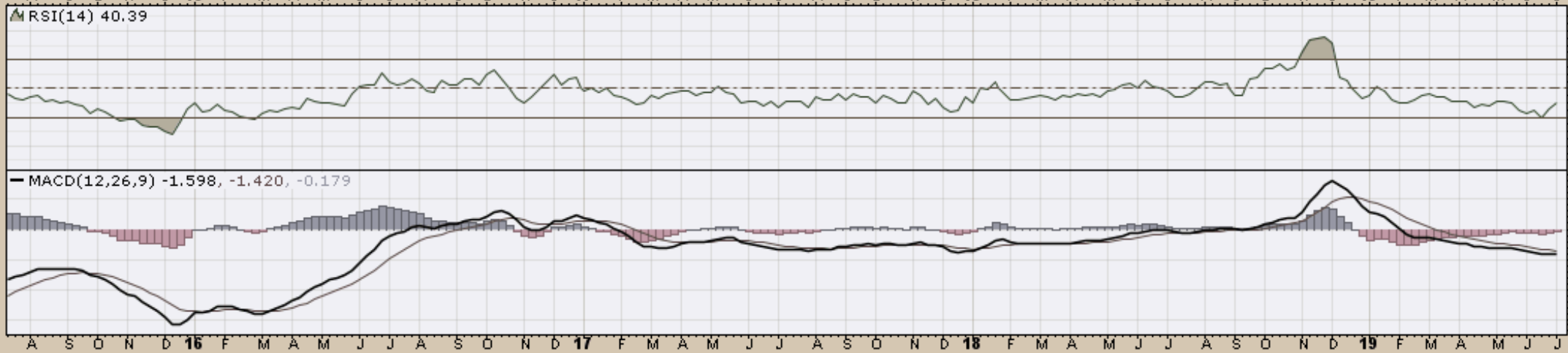
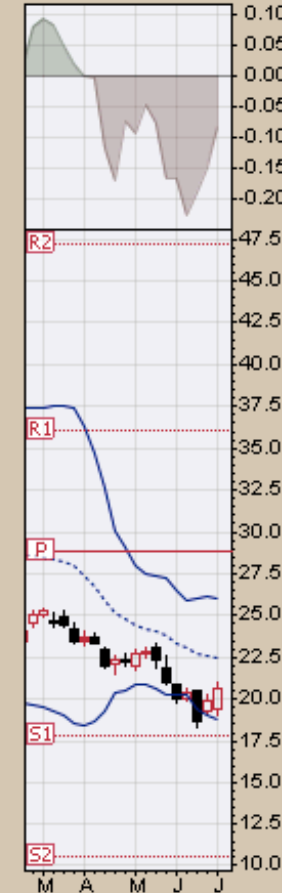


CHART D28. US 12 MONTH OIL FUND, WEEKLY CHART

USL (Weekly) 21.63
BB(20,2,0) 19.91 - 22.15 - 24.39
PIVOTS 10.02, 14.47, 21.51, 25.96, 33.00

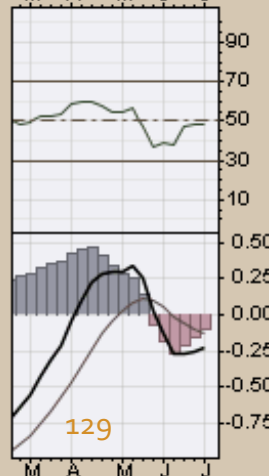
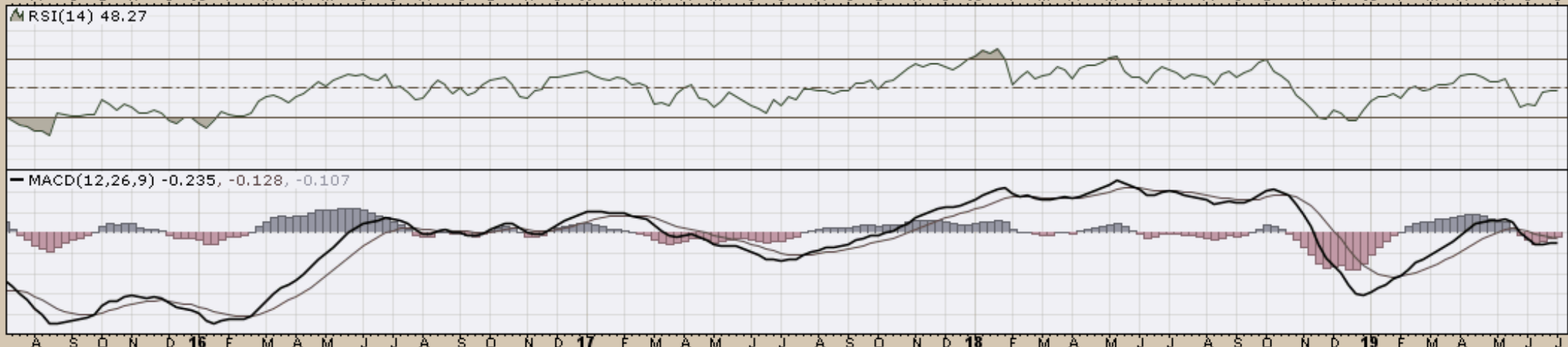
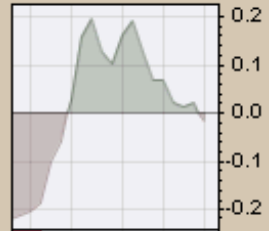
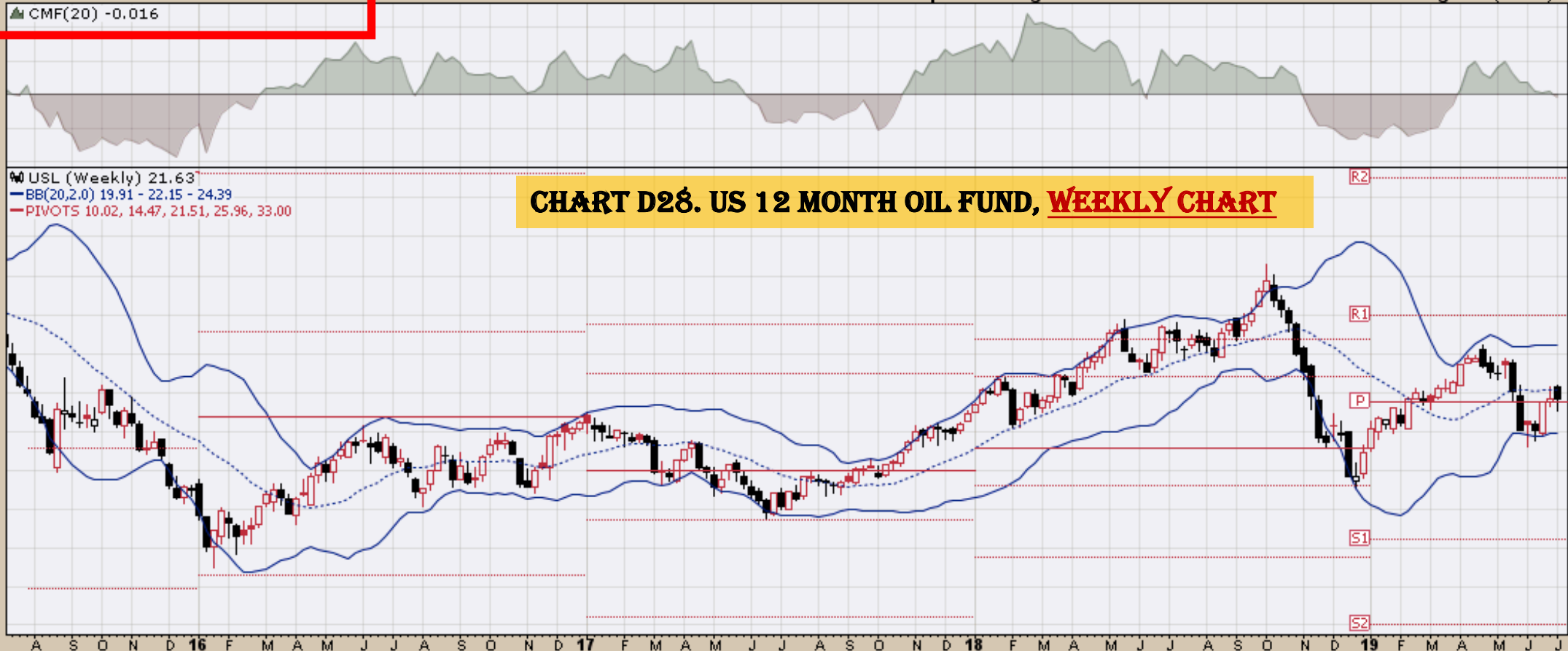
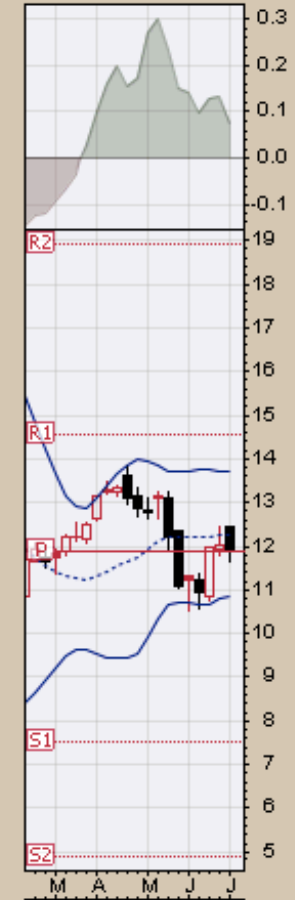


CHART D29. US OIL FUND, WEEKLY CHART

USO (Weekly) 11.95
BB(20,2,0) 10.84 - 12.27 - 13.70
PIVOTS 4.87, 7.53, 11.88, 14.54, 18.89



▲ RSI(14) 48.03

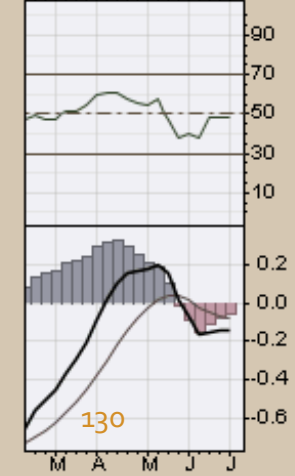
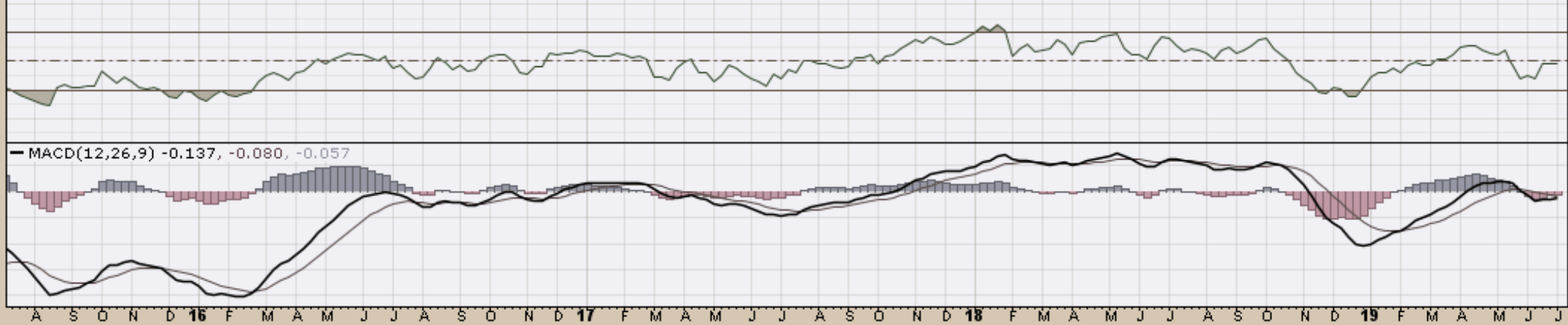
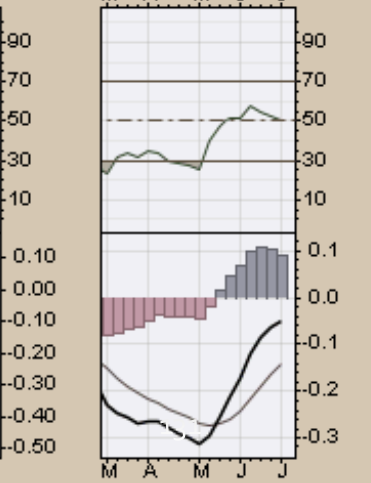
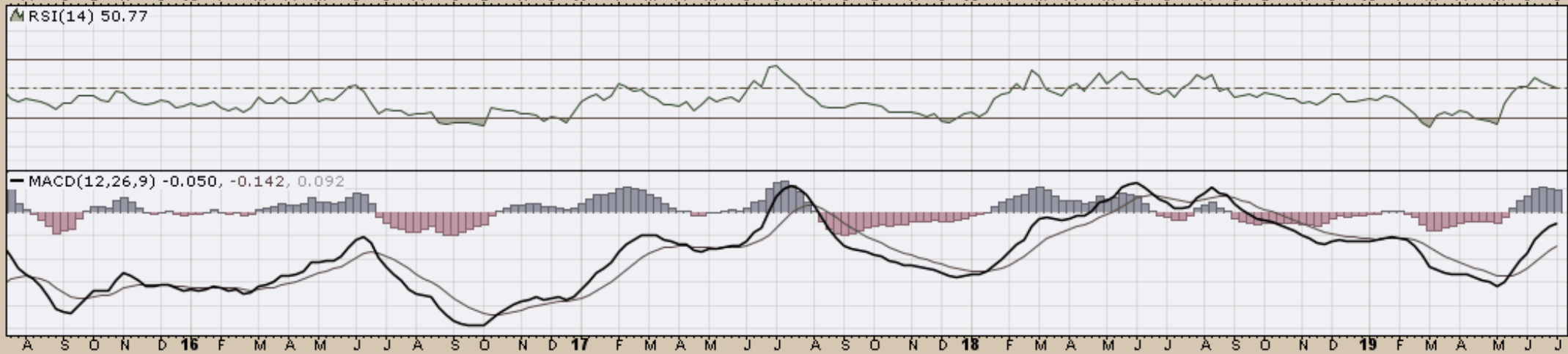
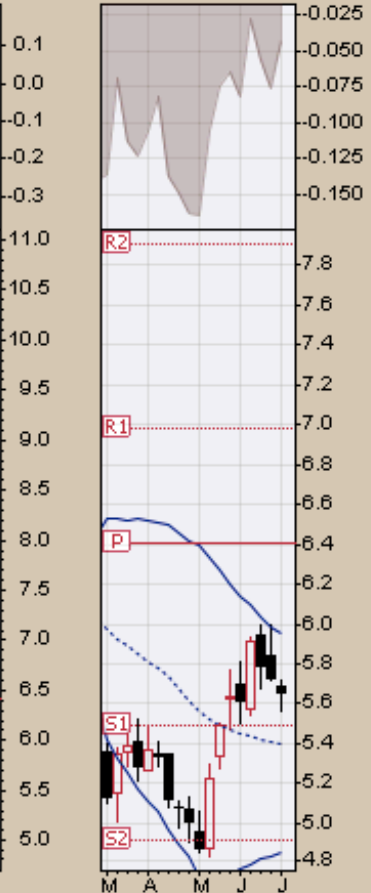


CHART DSO. WHEAT, WEEKLY CHART

WEAT (Weekly) 5.66
BB(20,2,0) 4.85 - 5.40 - 5.95
PIVOTS 4.92, 5.49, 6.41, 6.98, 7.90



End