

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

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Cooperative Extension Service**

Chart Book Index

Market Outlook Considerations for Week Beginning April 8, 2019

Chart Book Index

- Chart A1. \$UST10Y - 10-Year US Treasury Yield, Weekly Chart
- Chart A2. \$UST10Y - 10-Year US Treasury Yield, Daily Chart
- Chart A3. \$UST10Y - 10-Year US Treasury Yield, Monthly Chart
- Chart A4. \$UST10Y - 10-Year US Treasury Yield, Monthly Chart
- Chart A5. Power Shares US Dollar Index, Weekly Chart
- Chart A6. Power Shares US Dollar Index, Daily Chart
- Chart A7. Power Shares US Dollar Index, Monthly Chart
- Chart A8. Power Shares US Dollar Index, Monthly Chart
- Chart A9. EURO Monthly Chart
- Chart A10. Australian Dollar Monthly Chart
- Chart A11. Canadian Dollar Monthly Chart
- Chart A12. Japanese Yen Monthly Chart
- Chart A13. British Pound Monthly Chart
- Chart A14. Dow Jones, Monthly Chart
- Chart A15. Dow Transports Monthly Chart
- Chart A16. S&P 500 Large Caps Monthly Chart
- Chart A17. Nasdaq Composite, Monthly Chart

Continued Next Slide

Chart Book Index

Market Outlook Considerations for Week Beginning April 8, 2019

Chart Book Index

- Chart A18. Dow Utilities, Monthly Chart
- Chart A19. World less U.S. & Canada Monthly Chart
- Chart A20. Emerging Markets Monthly Chart
- Chart A21. Australia Monthly Chart
- Chart A22. Brazil Monthly Chart
- Chart A23. Canada Monthly Chart
- Chart A24. China Monthly Chart
- Chart A25. Mexico Monthly Chart
- Chart A26. Japan Monthly Chart
- Chart A27. Russia Monthly Chart
- Chart A28. India Monthly Chart

Continued Next Slide

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

Market Outlook Considerations for Week Beginning April 8, 2019

Chart Book Index

- Chart B1. \$CRB Reuters/Jefferies CRB Index, Weekly Chart
- Chart B2. \$CRB Reuters/Jefferies CRB Index, Daily Chart
- Chart B3. \$CRB Reuters/Jefferies CRB Index, Monthly Chart
- Chart B4. \$CRB Reuters/Jefferies CRB Index, Quarterly Chart
- Chart B5. \$CRB Reuters/Jefferies CRB Index, Monthly Chart
- Chart B6. \$WTIC, Weekly Chart
- Chart B7. \$WTIC, Daily Chart
- Chart B8. \$WTIC, Monthly Chart
- Chart B9. \$WTIC, Monthly Line Chart
- Chart B10. Soybeans, Weekly Chart
- Chart B11. Soybeans, Daily Chart
- Chart B12. Soybeans, Monthly Chart
- Chart B13. Soybeans, Monthly Line Chart
- Chart B14. Corn, Weekly Chart
- Chart B15. Corn, Daily Chart
- Chart B16. Corn, Monthly Chart
- Chart B17. Corn, Monthly Line Chart

Continued Next Slide

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

Market Outlook Considerations for Week Beginning April 8, 2019

Chart Book Index

- Chart B18. Rough Rice, Monthly
- Chart B19. Rough Rice, Weekly Chart
- Chart B20. Rough Rice, Daily Chart
- Chart B21. Cotton, Weekly Chart
- Chart B22. Cotton, Daily Chart
- Chart B23. Cotton, Monthly Chart
- Chart B24. Cotton, Monthly Line Chart
- Chart B25. Wheat, Weekly Chart
- Chart B26. Wheat, Daily Chart
- Chart B27. Wheat, Monthly Chart
- Chart B28. Wheat, Monthly Line Chart

Continued Next Slide

Sector Chart Book Index

Market Outlook Considerations for Week Beginning April 8, 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

Commodity ETFs Book Index

Market Outlook Considerations for Week Beginning April 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 April 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

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

5-Apr-2019

Open 2.49 High 2.52 Low 2.48 Close 2.50 Chg +0.09 (+3.73%) ▲

▲ RSI(14) 37.42

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

▲ \$UST10Y (Weekly) 2.50

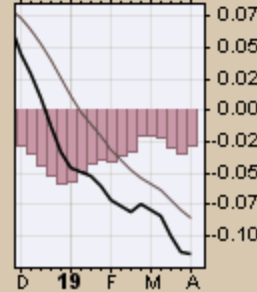
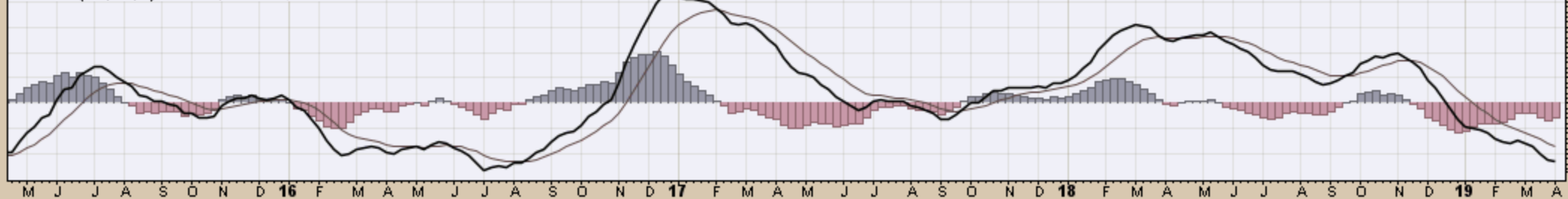
— BB(20,2.0) 2.39 - 2.71 - 3.03

— PIVOTS 1.98, 2.33, 2.78, 3.13, 3.58

■ Volume undef



— MACD(12,26,9) -0.115, -0.086, -0.029



- \$UST10Y (Daily) 2.50
- MA(50) 2.62
- MA(200) 2.86
- PIVOTS 2.15, 2.28, 2.52, 2.65, 2.89
- Volume undef

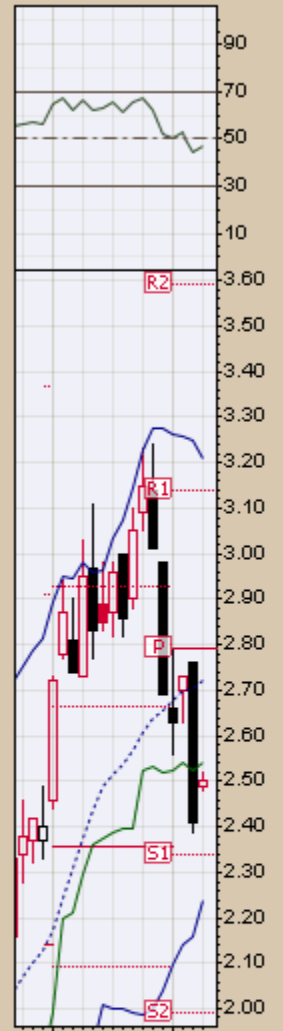


CHART A2. \$UST10Y - 10-YEAR US TREASURY YIELD, DAILY CHART

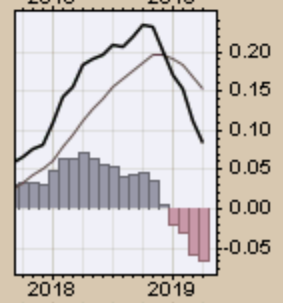
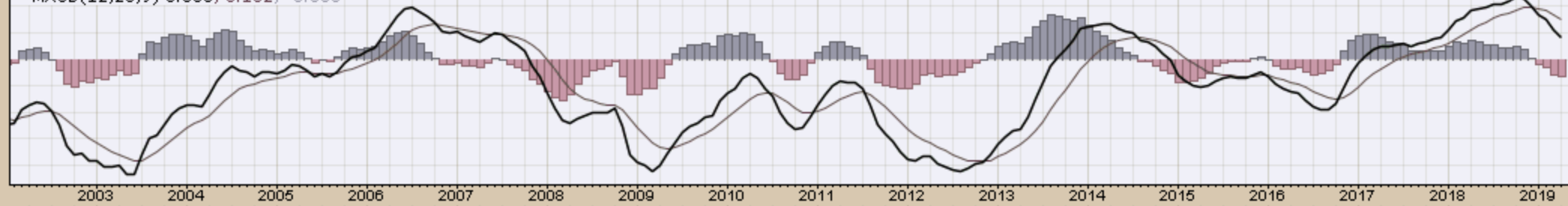
▲ RSI(14) 47.24

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

▲ \$UST10Y (Monthly) 2.50
 — BB(20,2,0) 2.24 - 2.72 - 3.21
 — PIVOTS 1.99, 2.34, 2.79, 3.14, 3.59
 — CHANDLR(22,3,0) 2.54
 ■ Volume undef



— MACD(12,26,9) 0.085, 0.152, -0.068



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

5-Apr-2019

© StockCharts.com

Open 2.49 High 2.52 Low 2.48 Close 2.50 Chg +0.09 (+3.73%) ▲

— \$UST10Y (Monthly) 2.50

— MA(200) 3.16



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

US Dollar Index
Weekly, Daily and Monthly Charts

RSI(14) 53.76

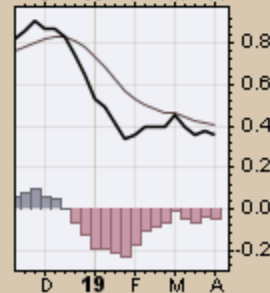
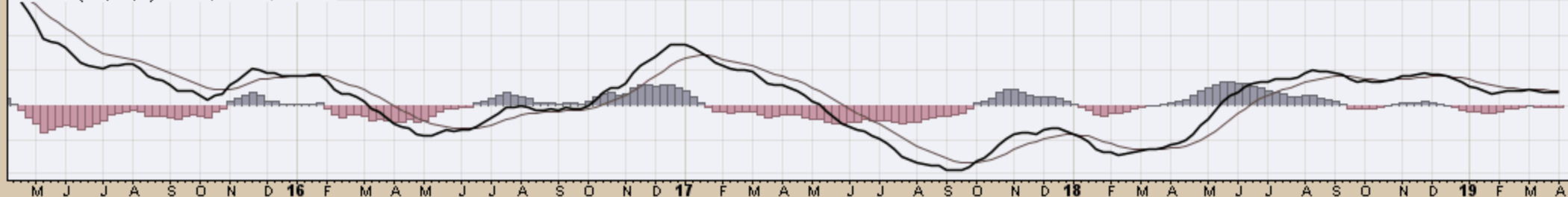
CHART A5. U.S. DOLLAR INDEX, WEEKLY CHART

\$USD (Weekly) 96.49

MA(200) 95.82
CHANDLR(22,3,0) 94.25
PIVOTS 84.43, 90.09, 93.81, 99.47, 103.19



MACD(12,26,9) 0.361, 0.408, -0.047



US Dollar Index - Cash Settle (EOD) (Daily) 96.49
 BB(20,2,0) 95.46 - 96.37 - 97.29
 PIVOTS 94.06, 95.45, 96.56, 97.95, 99.06
 CHANDLR(22,3,0) 96.32
 Volume undef

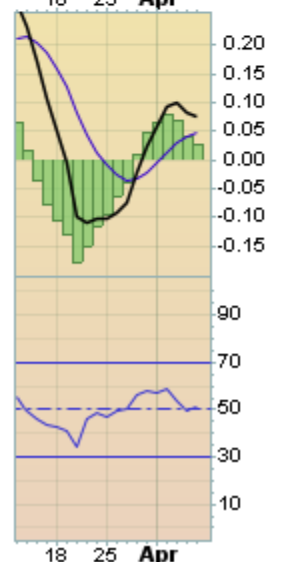


CHART A6. US DOLLAR INDEX, DAILY CHART

5-Apr-2019

Open 96.79 High 97.10 Low 96.11 Close 96.49 Chg -0.36 (-0.37%)

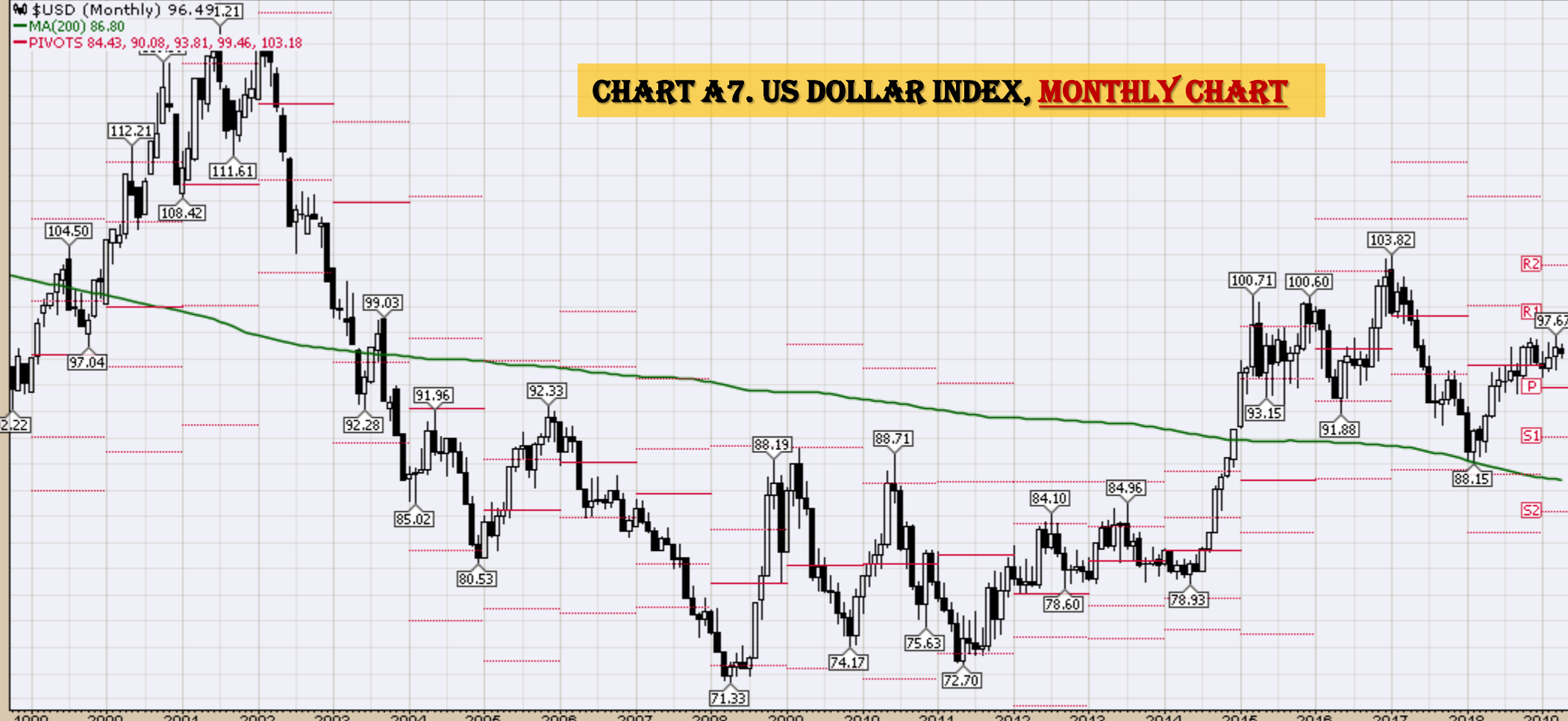
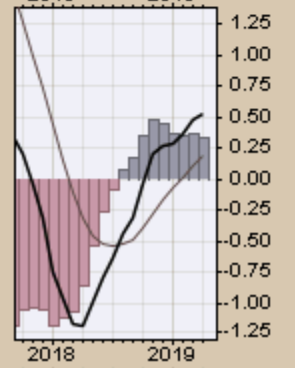
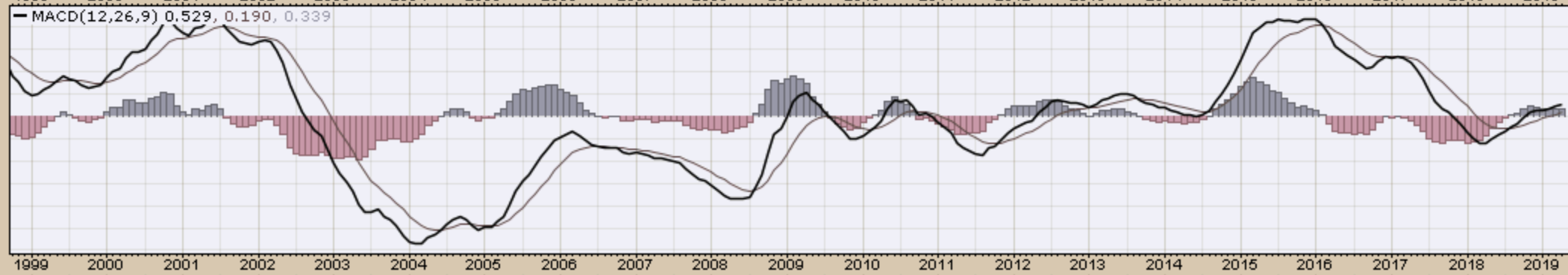
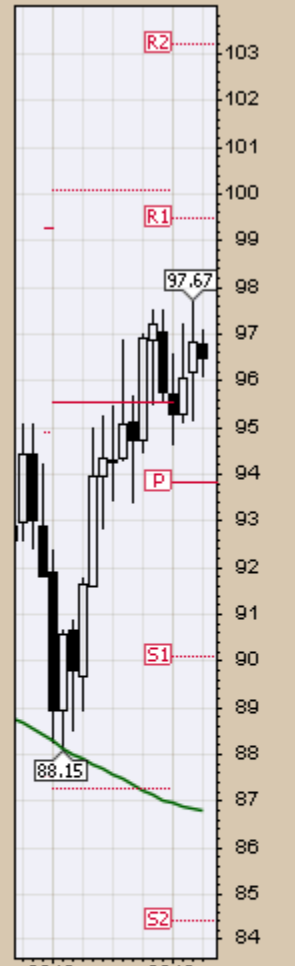


CHART A7. US DOLLAR INDEX, MONTHLY CHART



5-Apr-2019

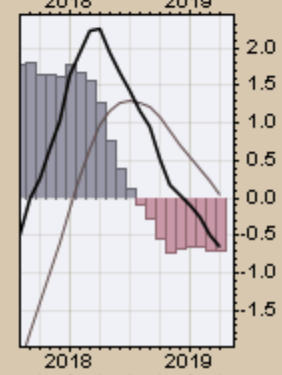
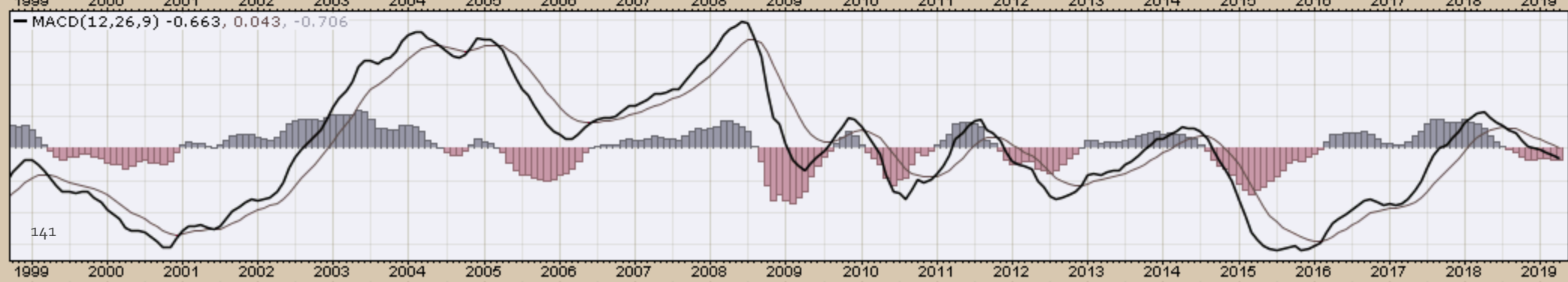
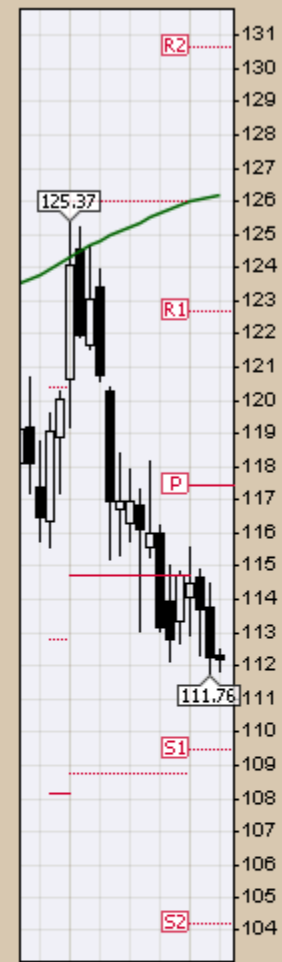
Open 96.79 High 97.10 Low 96.11 Close 96.49 Chg -0.36 (-0.37%)

— \$USD (Monthly) 96.49
— MA(200) 86.80
— CHANDLR(22,3,0) 89.60

CHART A8. US DOLLAR INDEX, MONTHLY CHART



Select Currency Charts
Monthly Charts

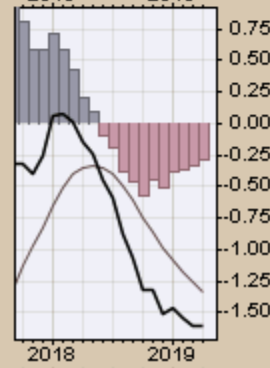
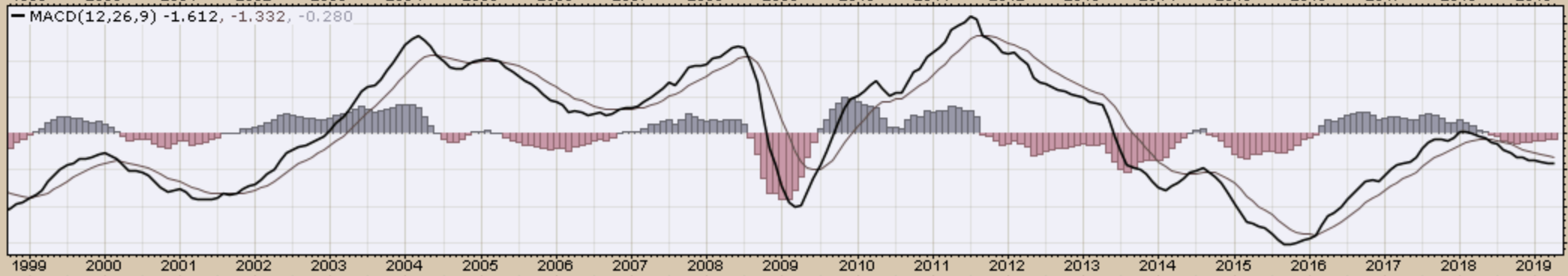
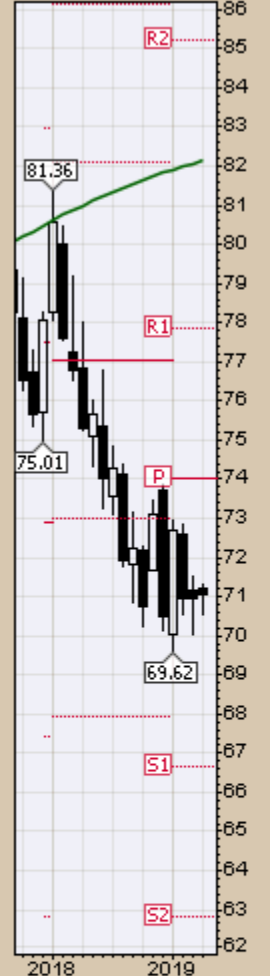
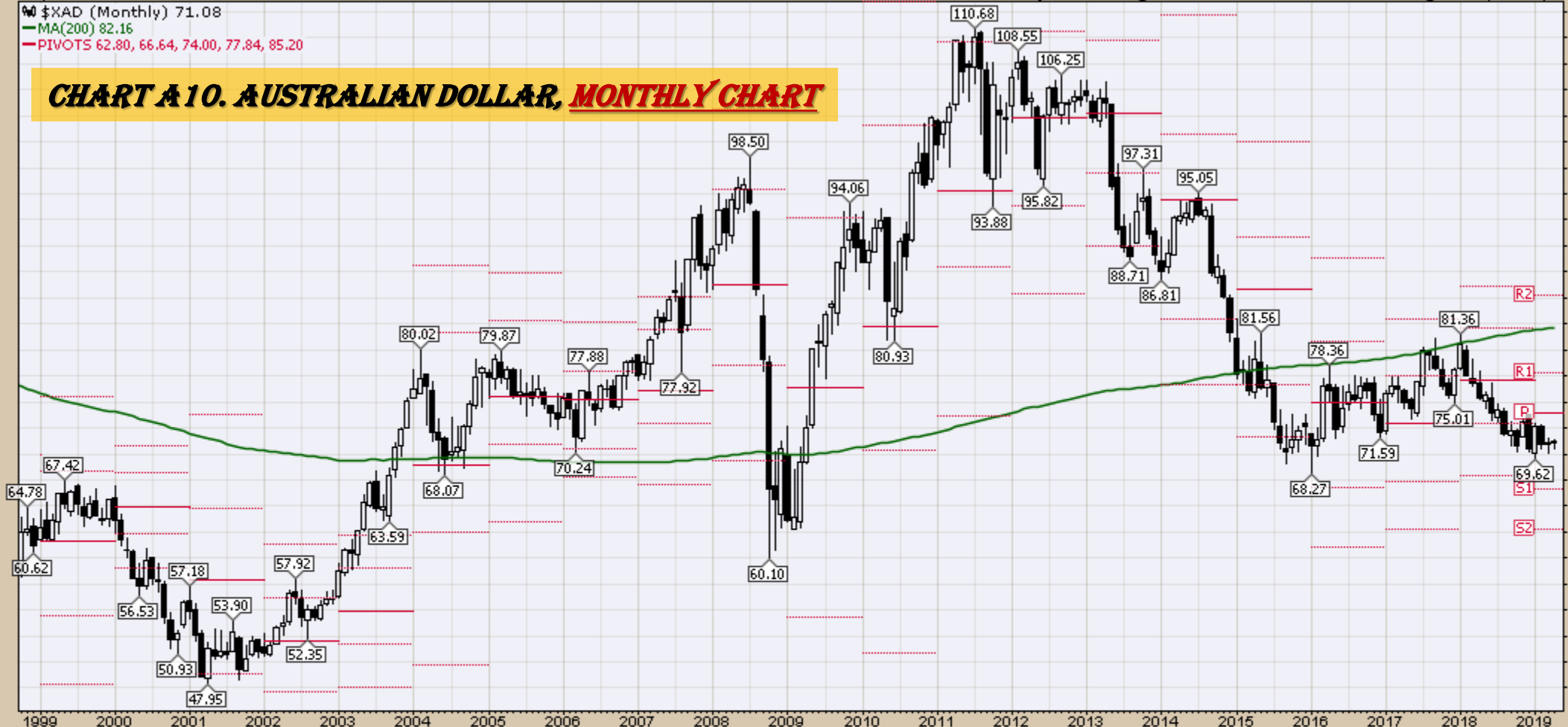


5-Apr-2019

Open 71.20 High 71.31 Low 70.52 Close 71.08 Chg +0.12 (+0.17%) ▲

\$XAD (Monthly) 71.08
MA(200) 82.16
PIVOTS 62.80, 66.64, 74.00, 77.84, 85.20

CHART A 10. AUSTRALIAN DOLLAR, MONTHLY CHART

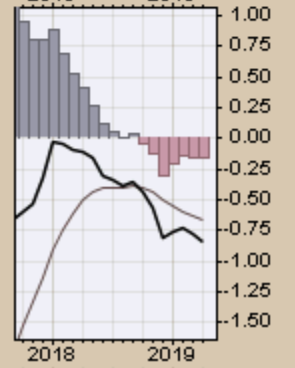
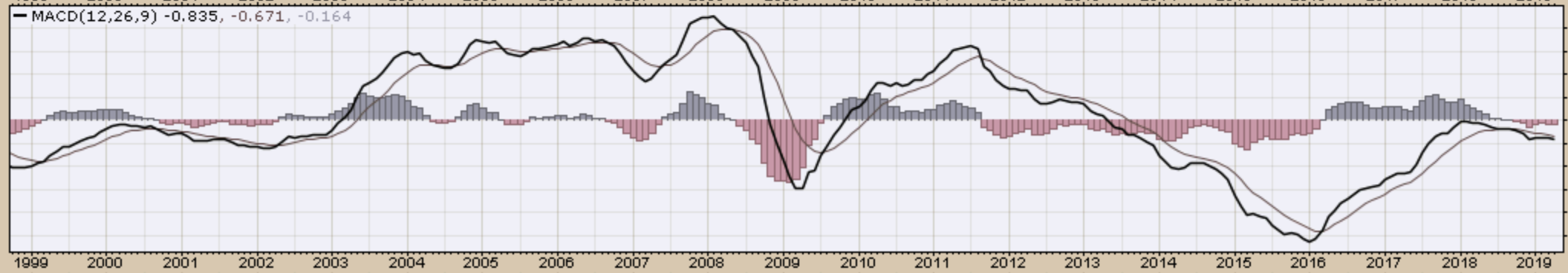
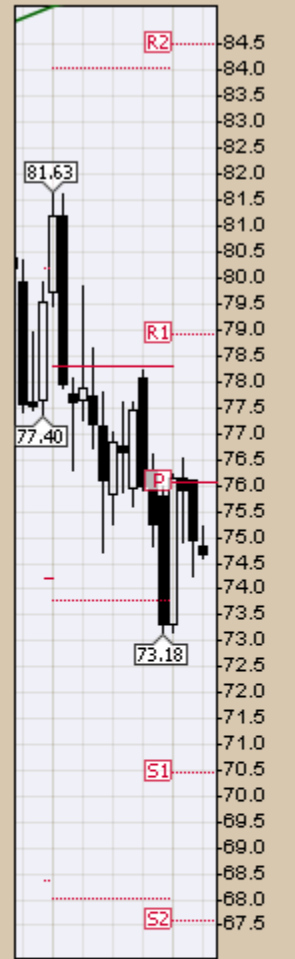


5-Apr-2019

Open 74.83 High 75.20 Low 74.61 Close 74.67 Chg -0.28 (-0.38%)



CHART A11. CANADIAN DOLLAR, MONTHLY CHART



5-Apr-2019

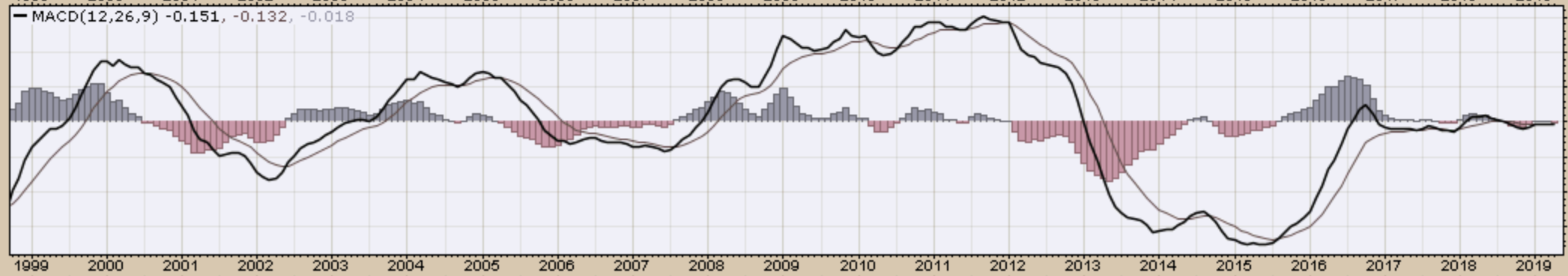
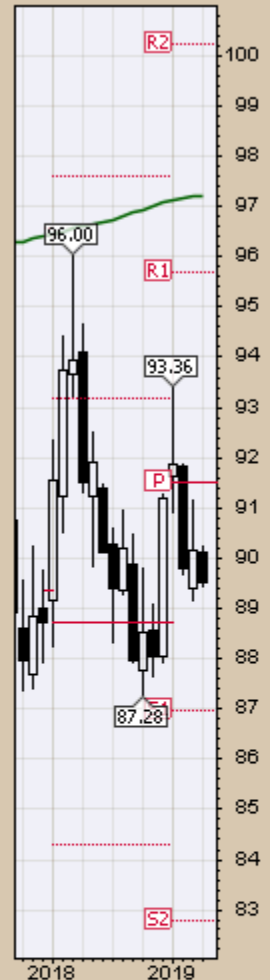
Open 90.10 High 90.24 Low 89.43 Close 89.51 Chg -0.66 (-0.73%)

\$XJY (Monthly) 89.51

MA(200) 97.22

PIVOTS 82.77, 86.98, 91.49, 95.70, 100.21

CHART A12. JAPANESE YEN, MONTHLY CHART



5-Apr-2019

Open 131.13 High 131.87 Low 129.87 Close 130.38 Chg -0.06 (-0.05%)

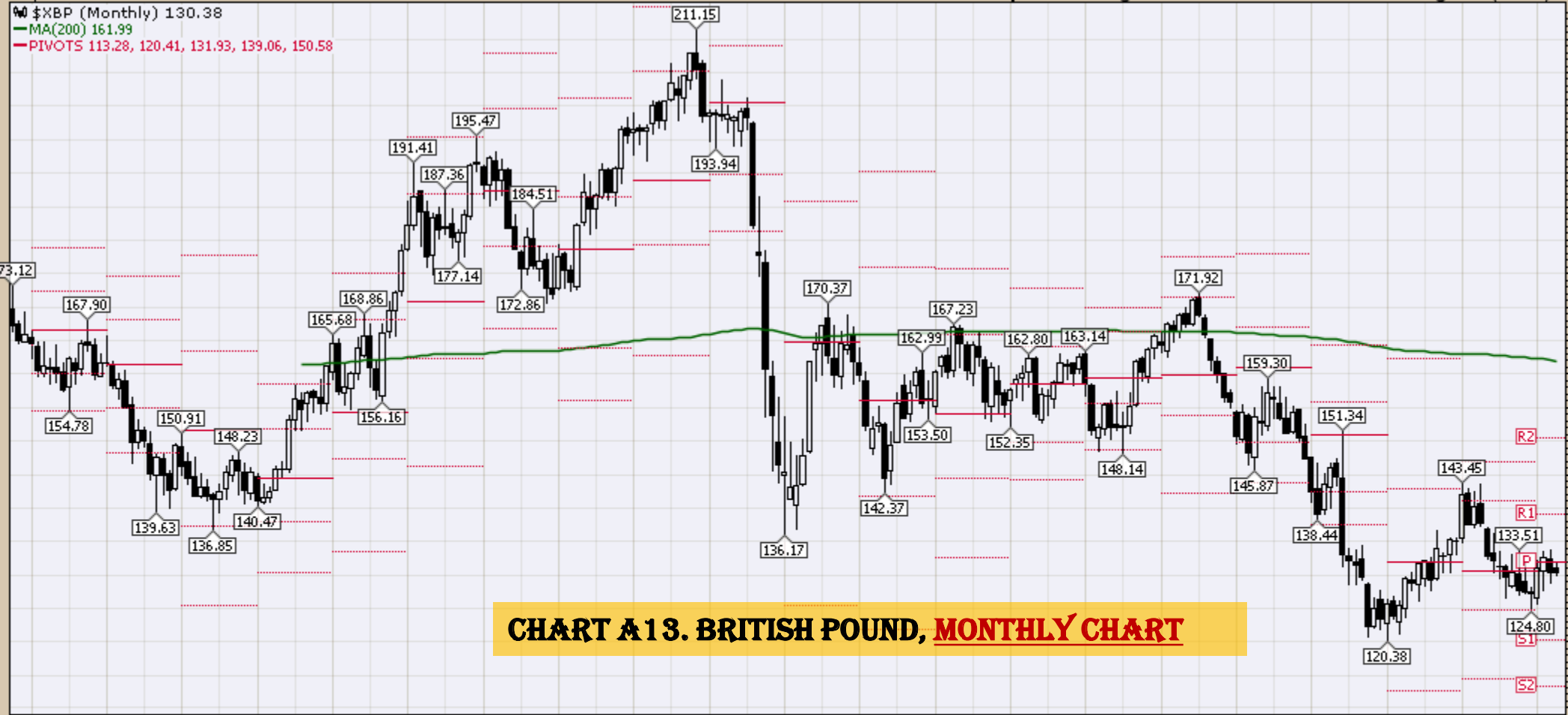
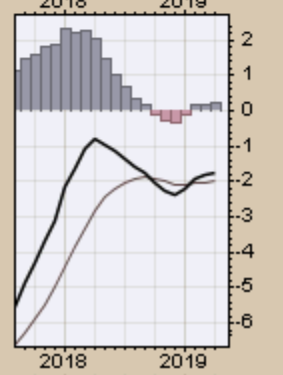
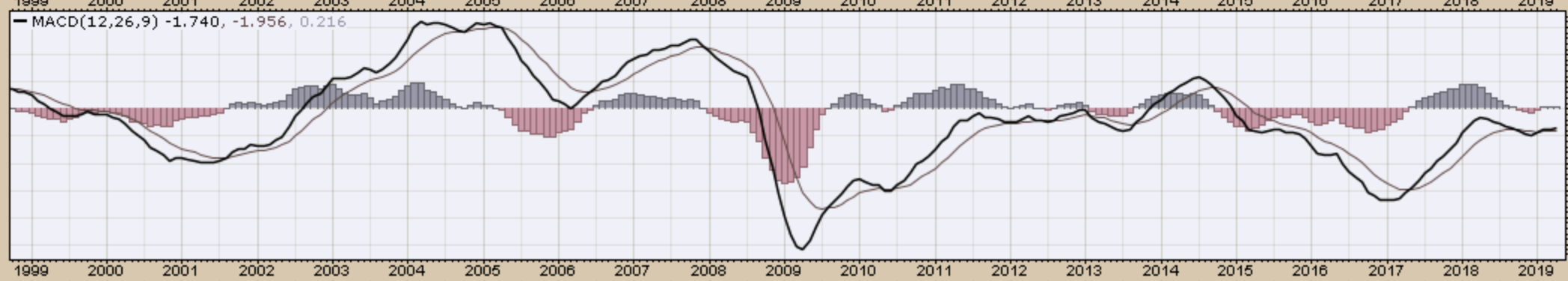
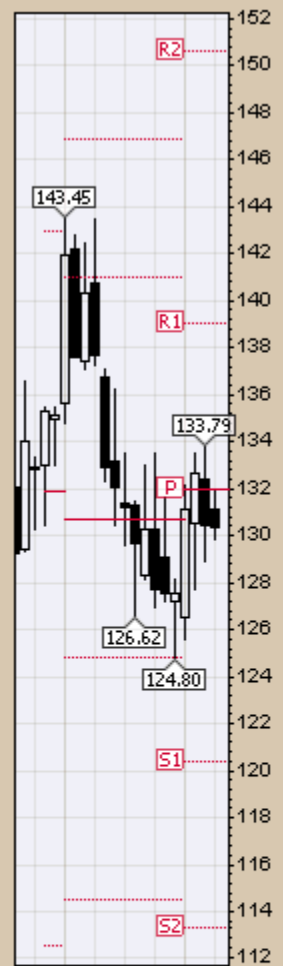


CHART A13. BRITISH POUND, MONTHLY CHART



Select Equity and Transportation Charts
Monthly Charts

5-Apr-2019

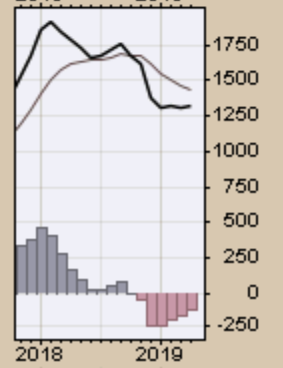
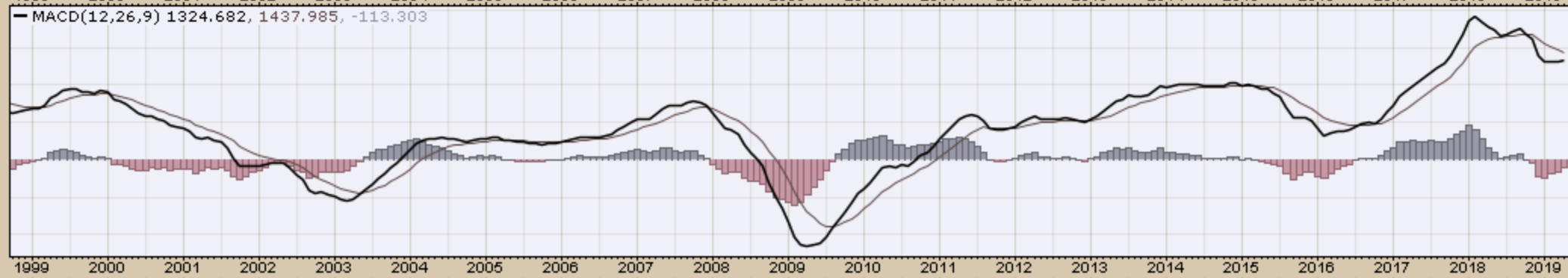
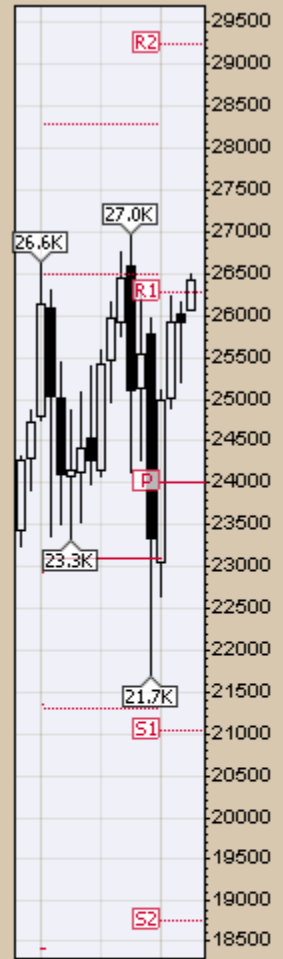
Open 26075.10 High 26487.57 Low 26071.69 Close 26424.99 Volume 1.3B Chg +496.31 (+1.91%)▲

\$INDU (Monthly) 26424.99

MA(200) 14167.04

PIVOTS 18757.99, 21042.72, 23997.27, 26282.01, 29236.55

CHART A 14. DOW JONES, MONTHLY CHART

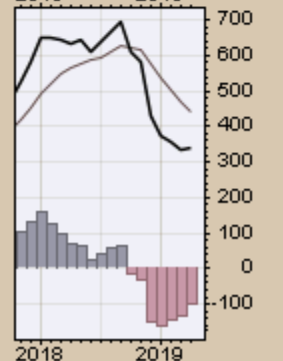
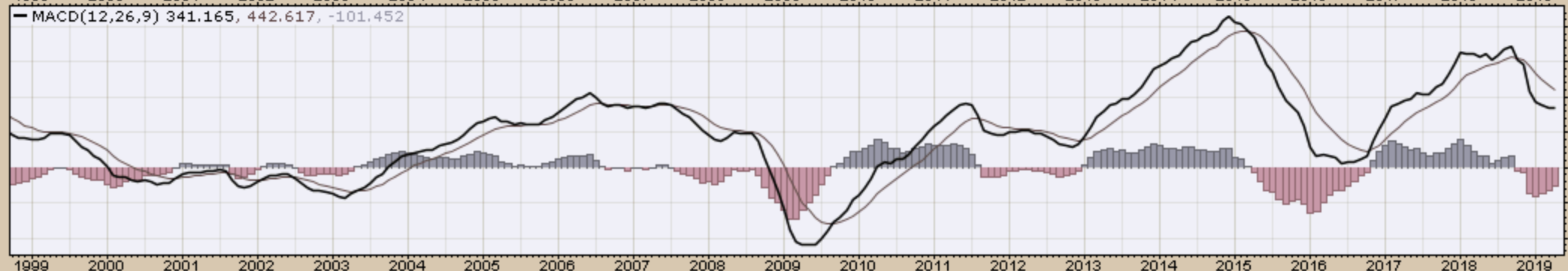
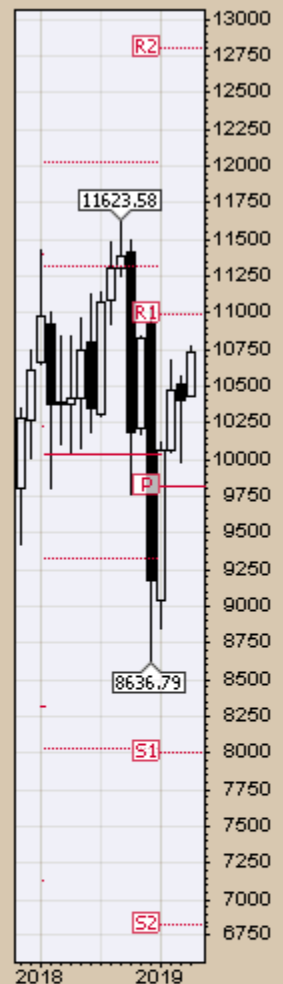


5-Apr-2019

Open 10432.96 High 10775.45 Low 10432.96 Close 10734.30 Volume 254.9M Chg +326.34 (+3.14%)▲

\$TRAN (Monthly) 10734.30
MA(200) 5807.56
PIVOTS 6823.47, 7996.93, 9810.26, 10983.72, 12797.05

CHART A15. DOW TRANSPORTS, MONTHLY CHART

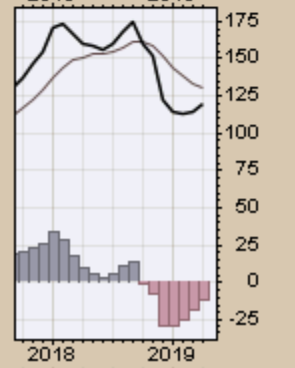
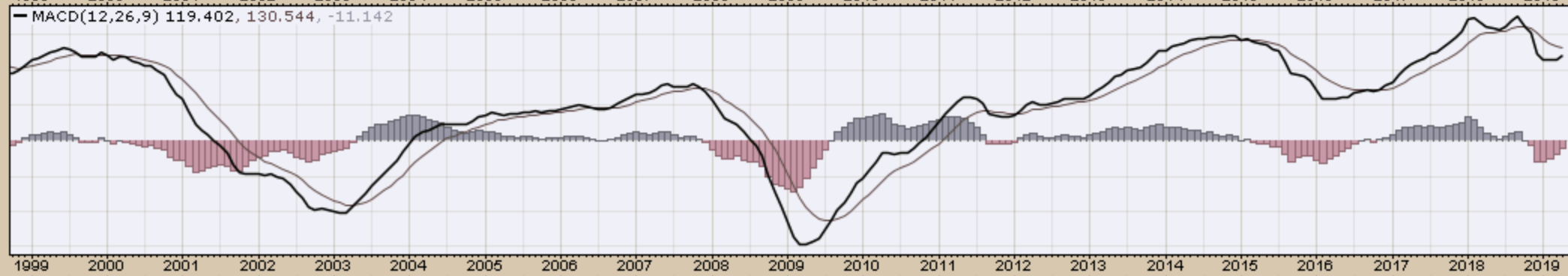
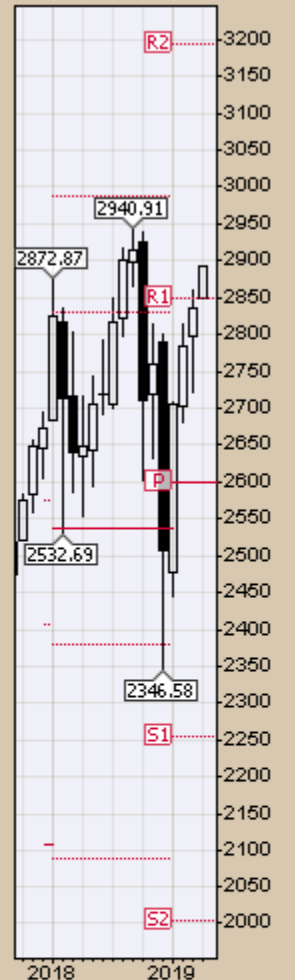
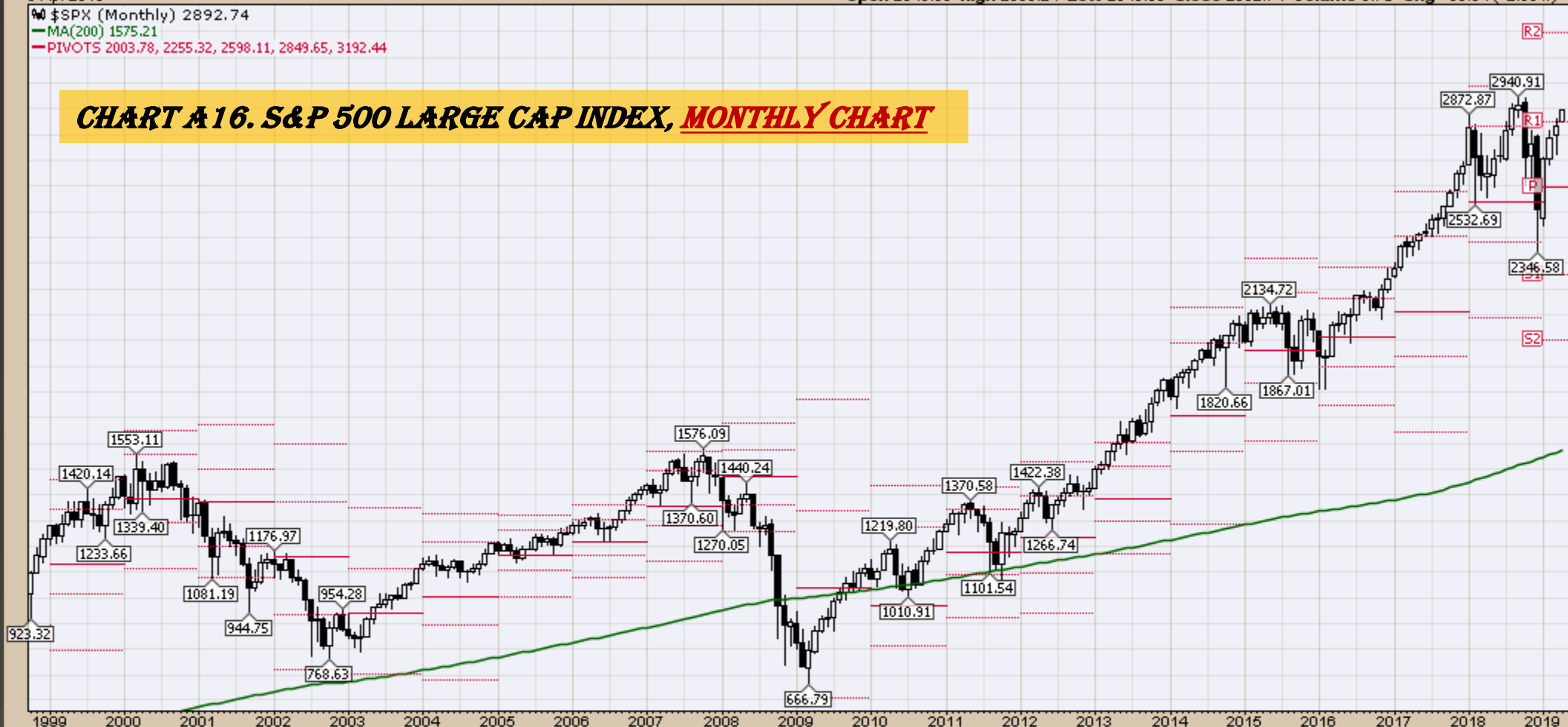


5-Apr-2019

Open 2848.63 High 2893.24 Low 2848.63 Close 2892.74 Volume 9.7B Chg +58.34 (+2.06%) ▲

\$SPX (Monthly) 2892.74
MA(200) 1575.21
PIVOTS 2003.78, 2255.32, 2598.11, 2849.65, 3192.44

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

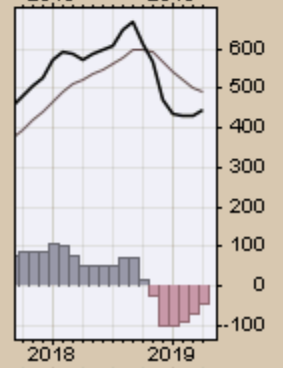
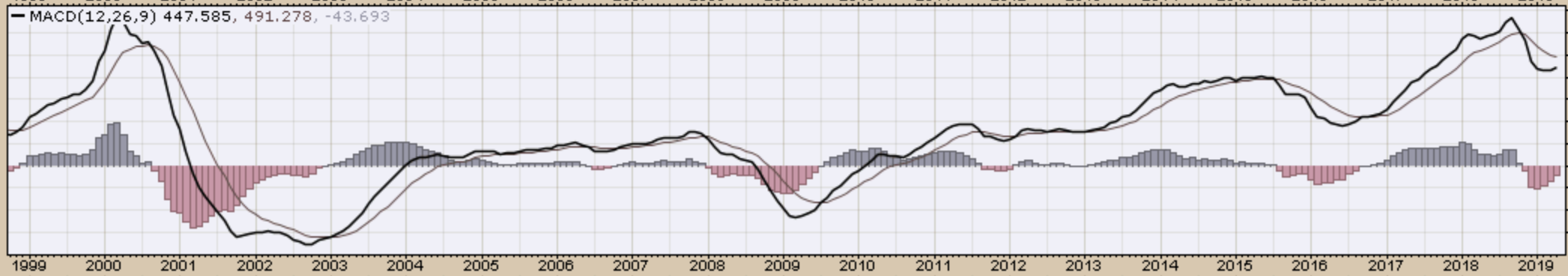
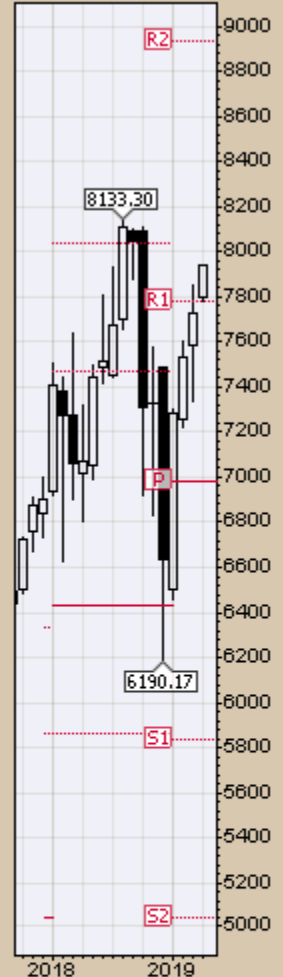


5-Apr-2019

Open 7800.24 High 7940.45 Low 7777.09 Close 7938.69 Volume 10.8B Chg +209.37 (+2.71%) ▲

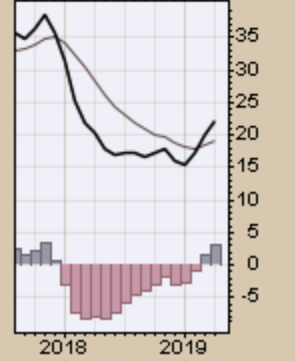
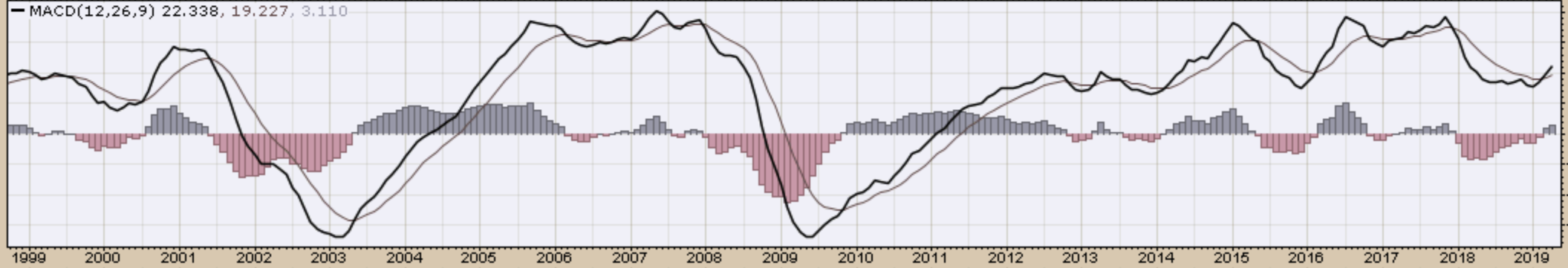
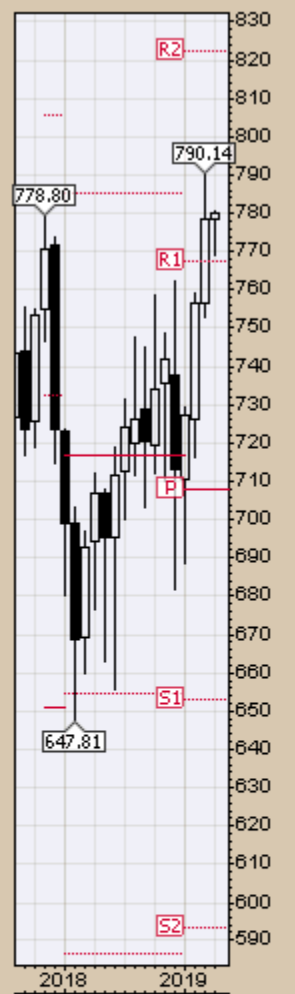
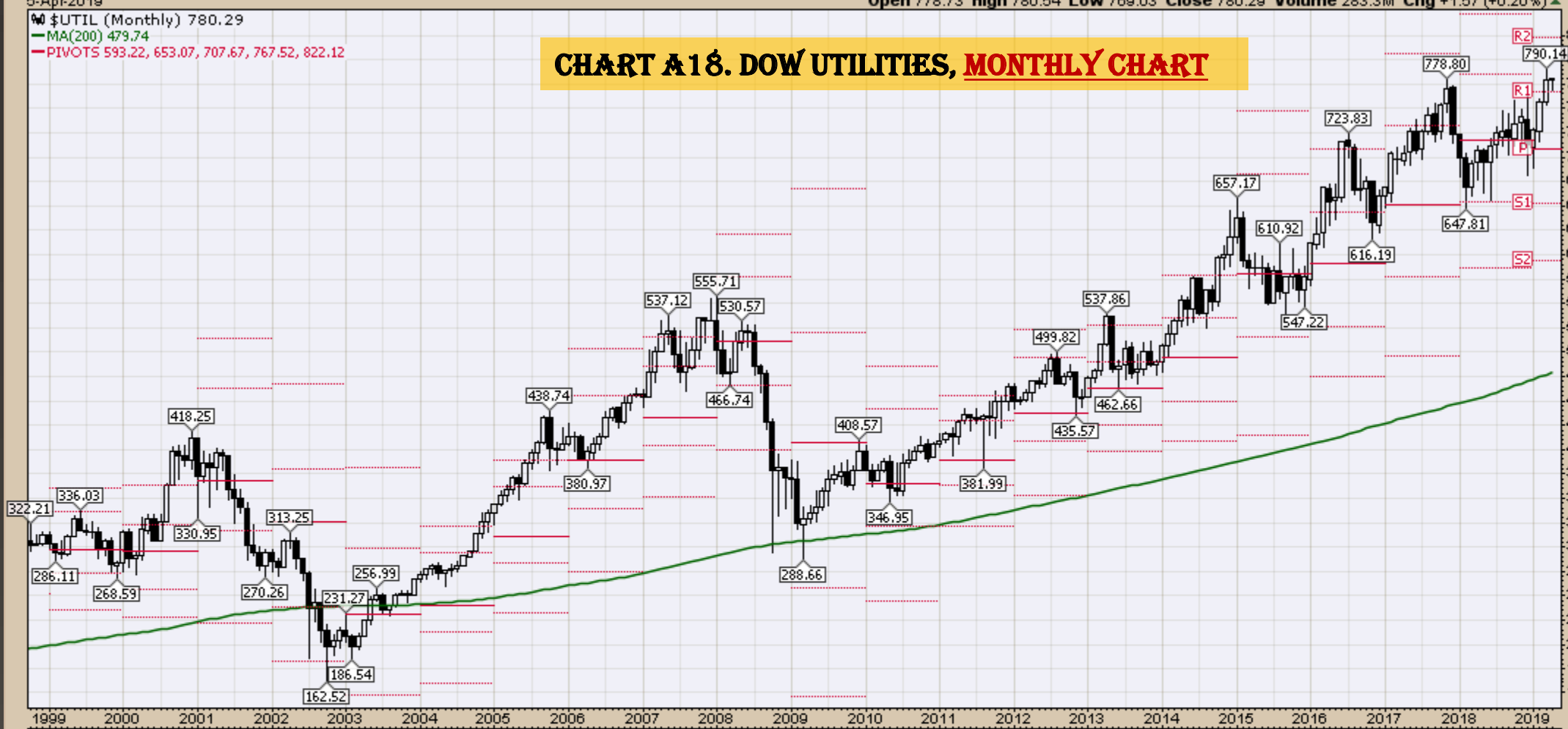
\$COMPQ (Monthly) 7938.69
MA(200) 3435.78
PIVOTS 5043.11, 5839.20, 6986.25, 7782.33, 8929.38

CHART A 17. NASDAQ COMPOSITE, MONTHLY CHART



\$UTIL (Monthly) 780.29
MA(200) 479.74
PIVOTS 593.22, 653.07, 707.67, 767.52, 822.12

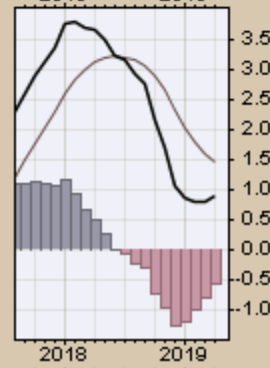
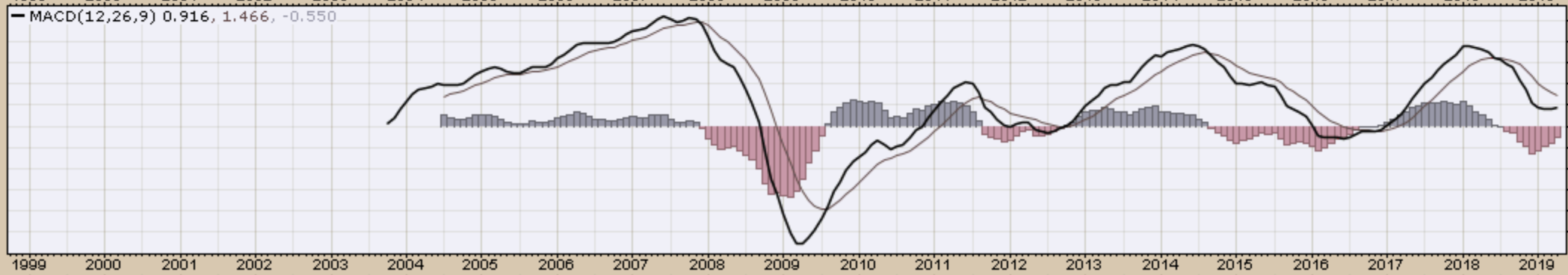
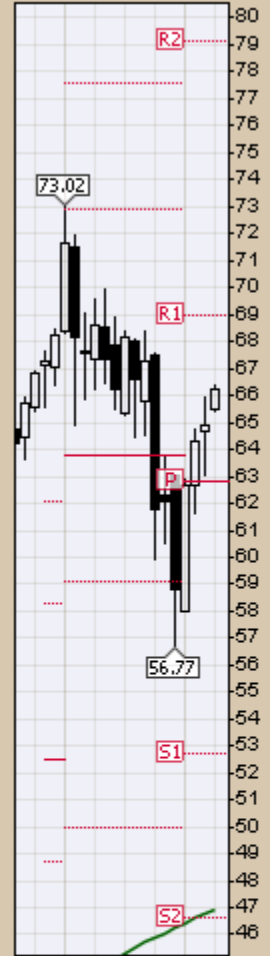
CHART A18. DOW UTILITIES, MONTHLY CHART



Select Global Equity Charts

EFA (Monthly) 66.25
MA(200) 46.98
PIVOTS 46.61, 52.69, 62.86, 68.94, 79.11

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

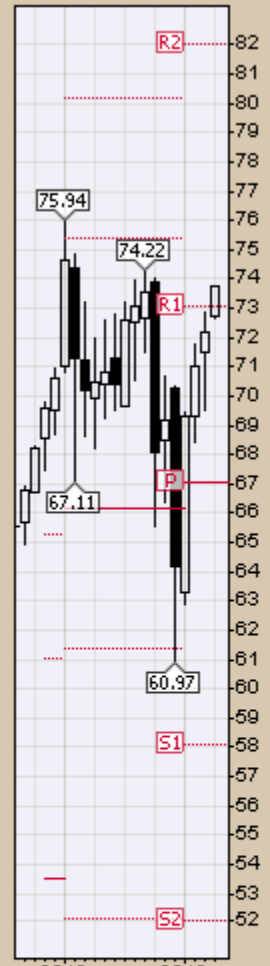
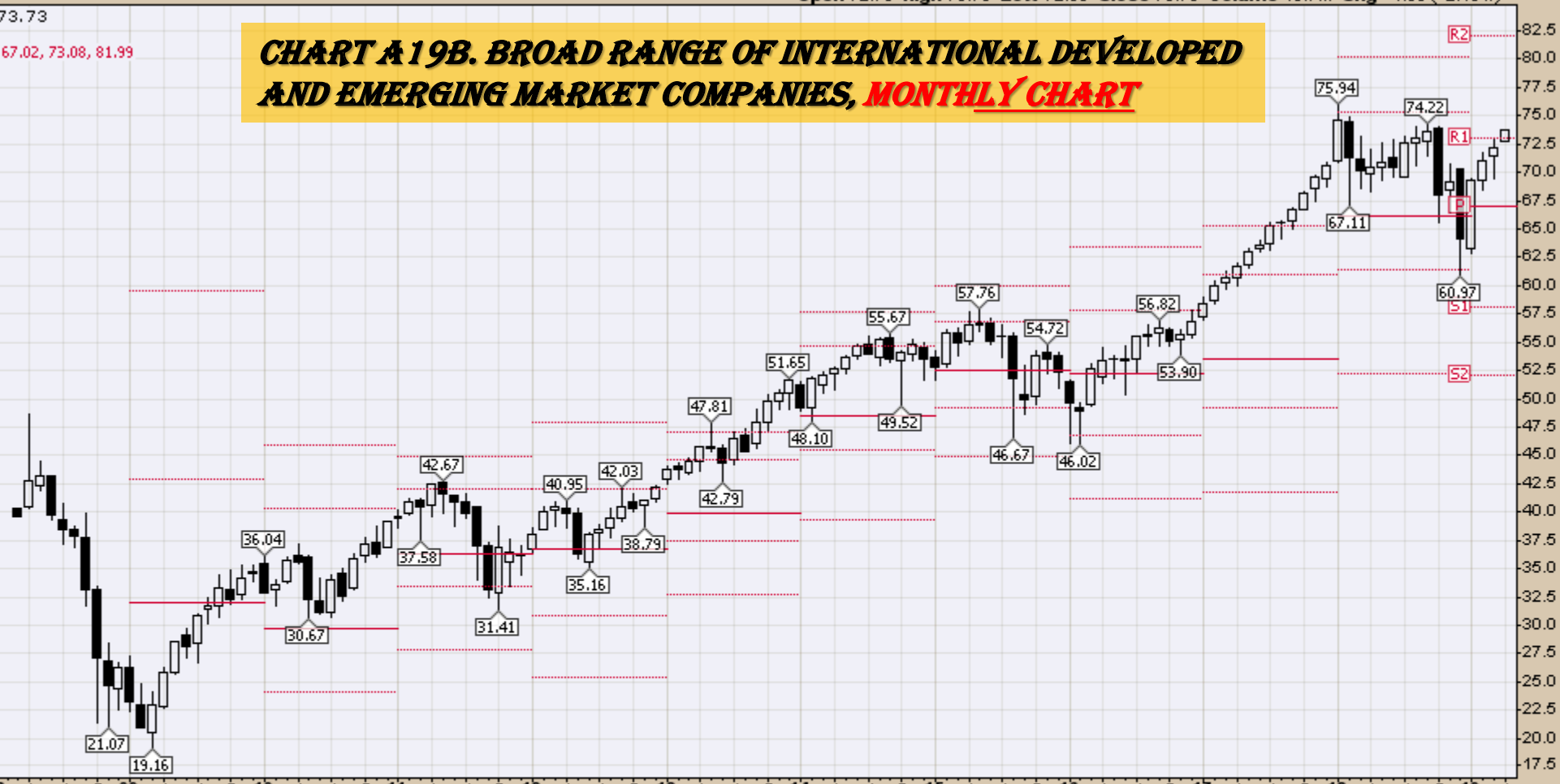


ACWI (Monthly) 73.73

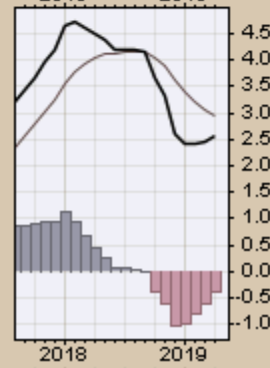
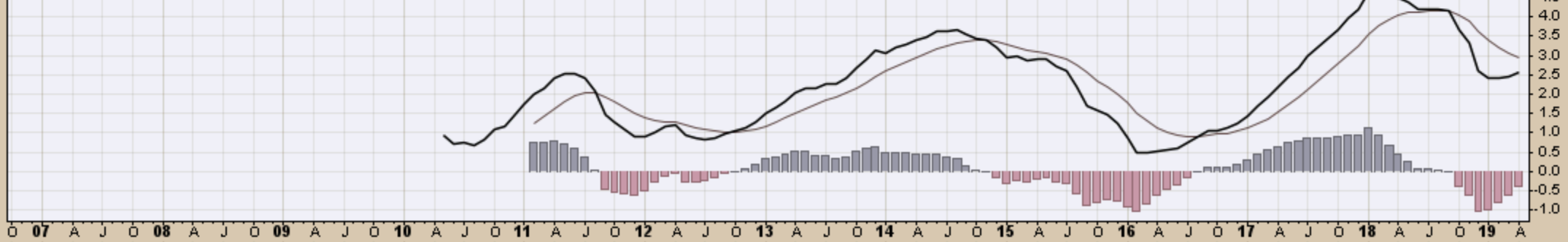
MA(200) undef

PIVOTS 52.05, 58.11, 67.02, 73.08, 81.99

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



MACD(12,26,9) 2.574, 2.957, -0.383

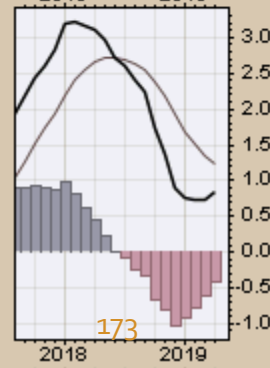
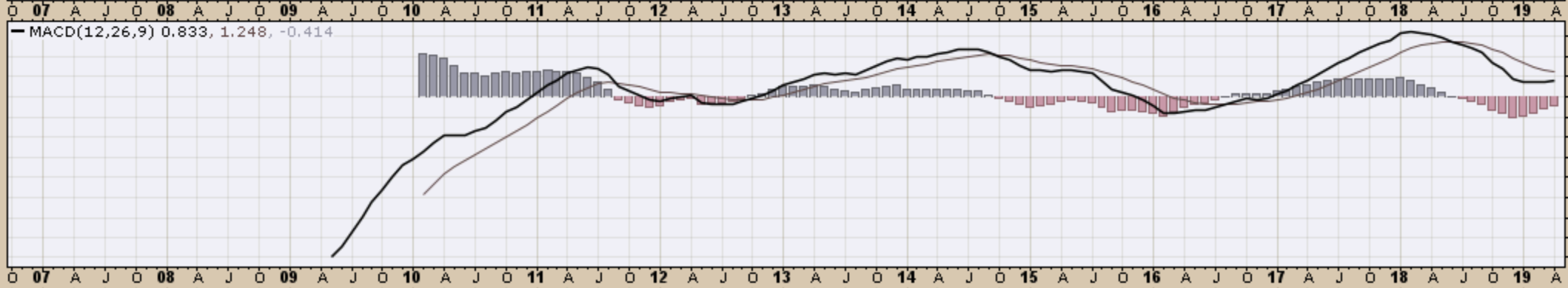
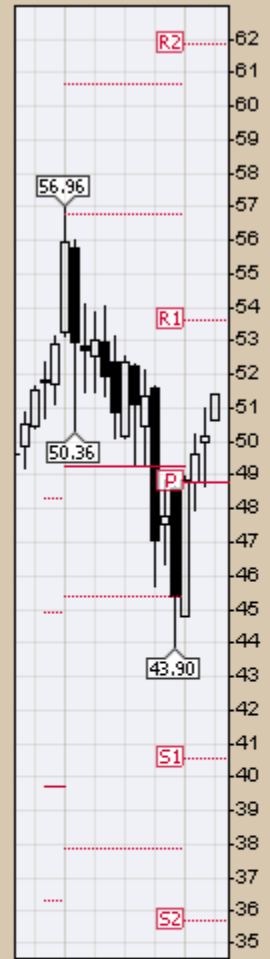
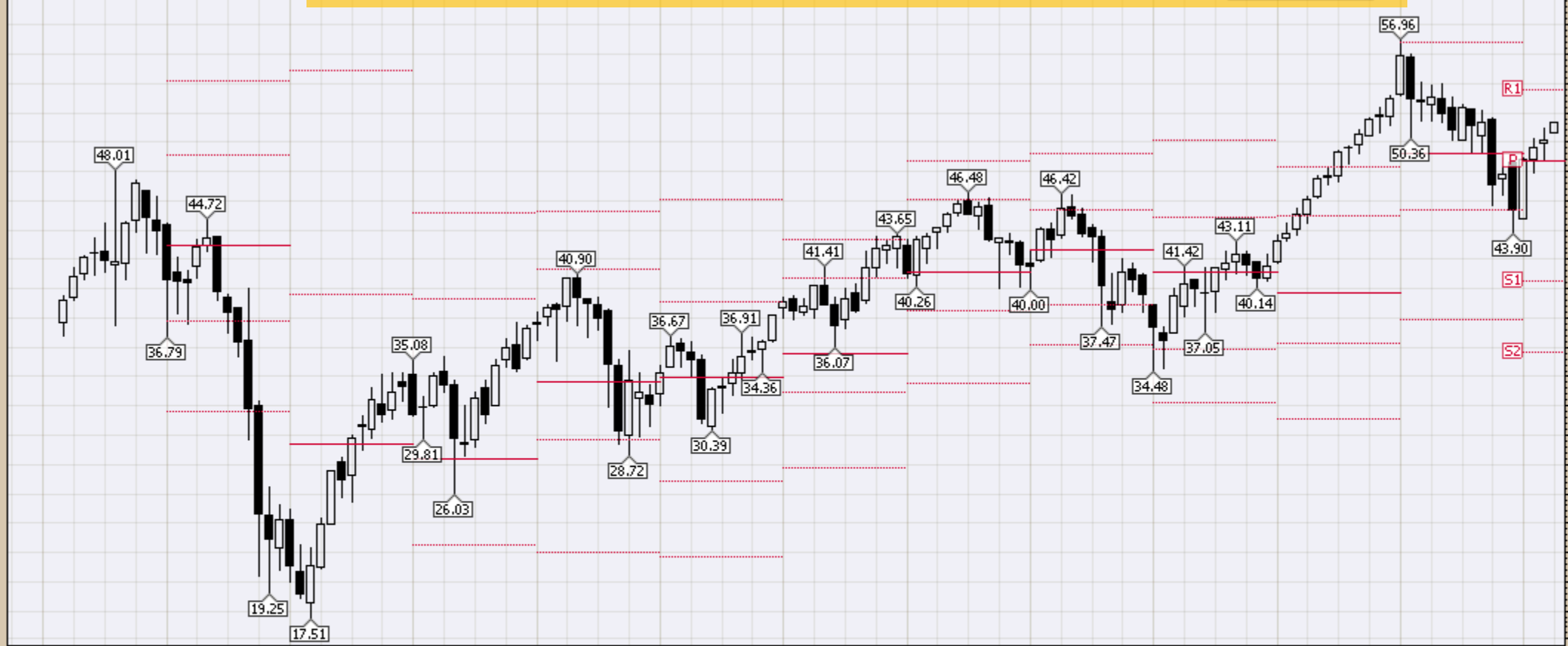


5-Apr-2019

Open 50.66 High 51.40 Low 50.61 Close 51.39 Volume 8.1M Chg +1.24 (+2.47%) ▲

VEU (Monthly) 51.39
MA(200) undef
PIVOTS 35.70, 40.56, 48.76, 53.62, 61.82

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

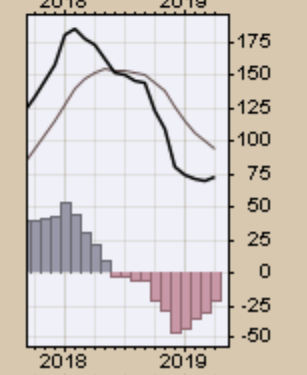
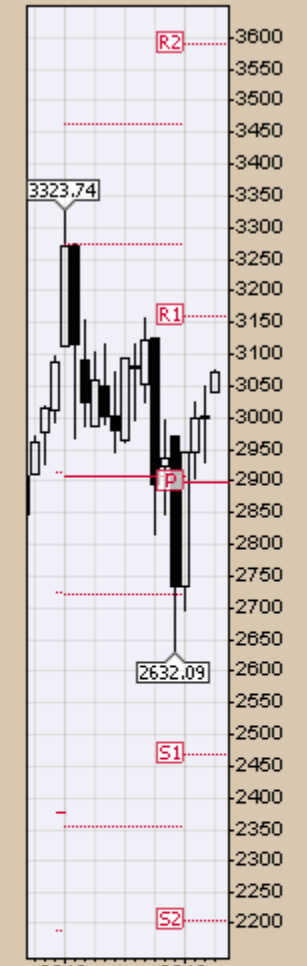
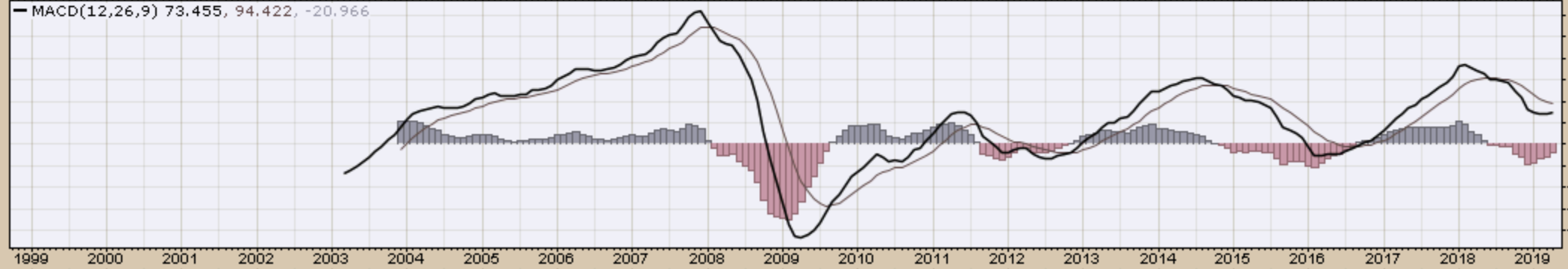


5-Apr-2019

Open 3040.45 High 3075.63 Low 3040.01 Close 3072.28 Chg +70.30 (+2.34%) ▲

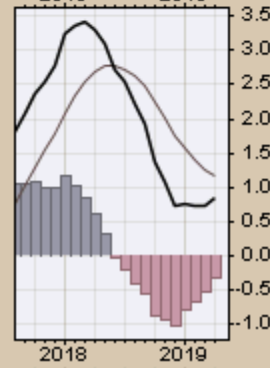
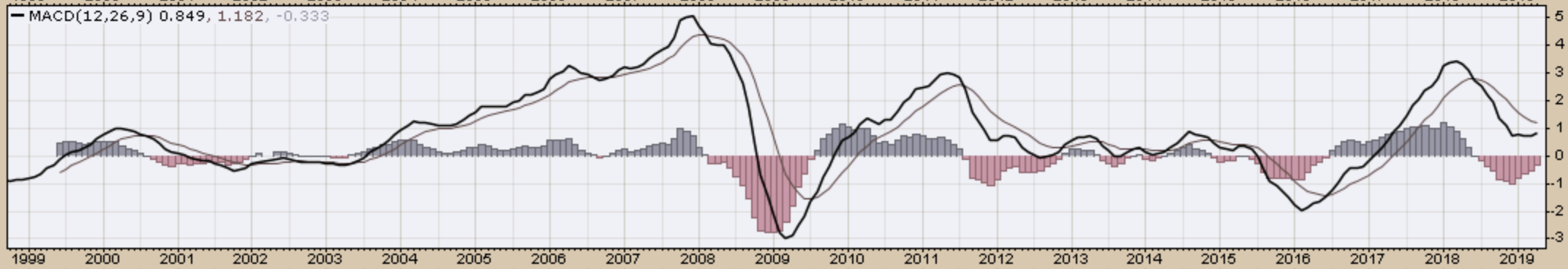
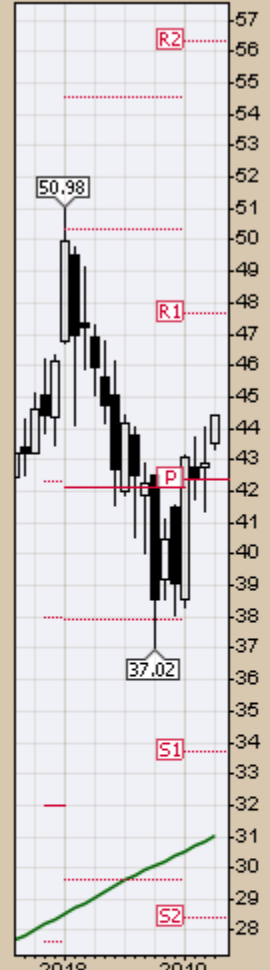
\$GDOW (Monthly) 3072.28
MA(200) 2071.00
PIVOTS 2205.09, 2469.75, 2896.74, 3161.40, 3588.39

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



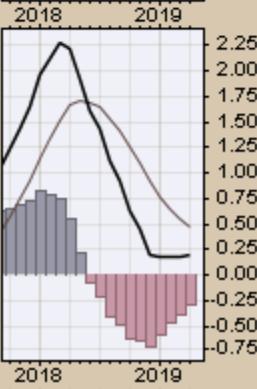
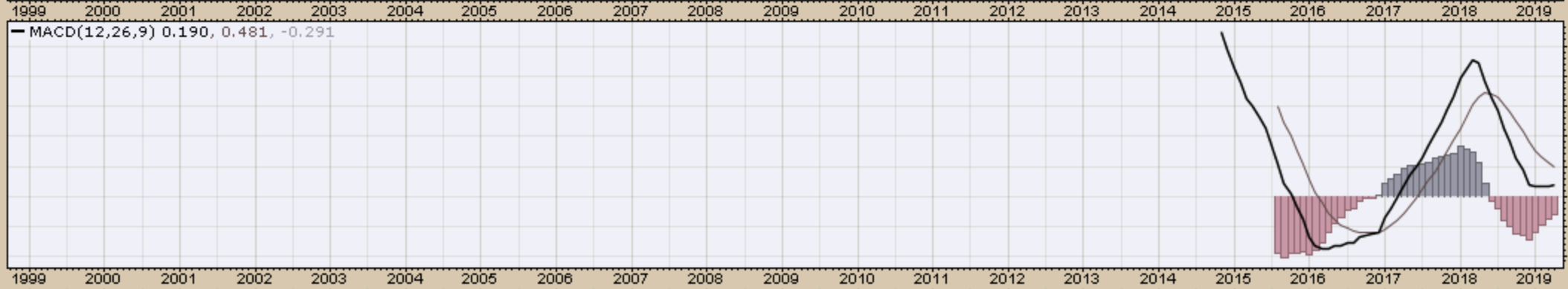
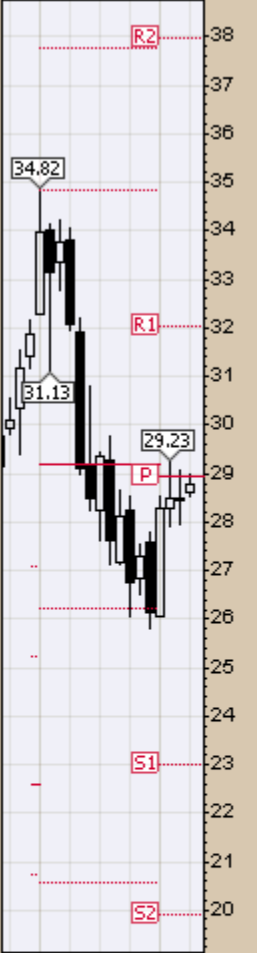
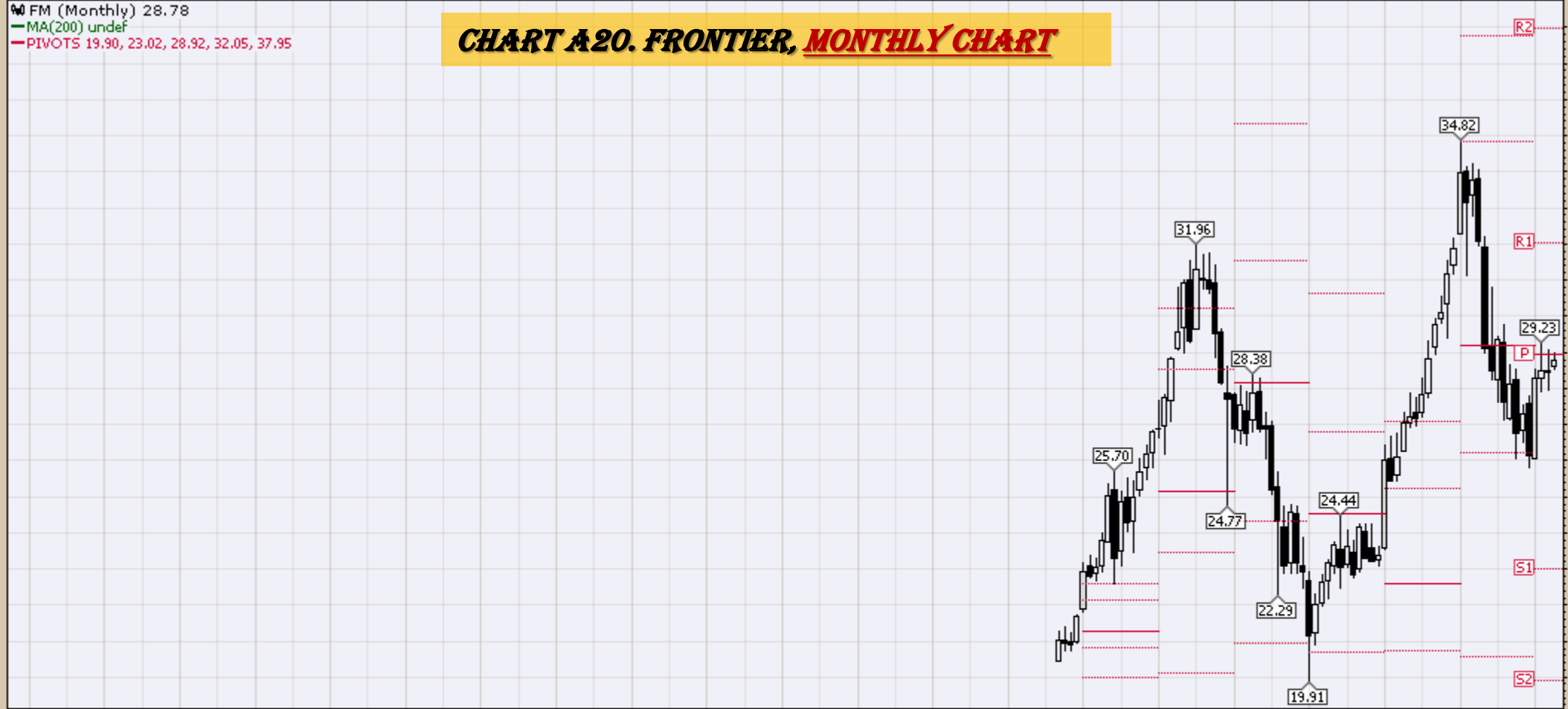
EEM (Monthly) 44.40
MA(200) 31.05
PIVOTS 28.39, 33.73, 42.35, 47.68, 56.31

CHART A20. EMERGING MARKETS, MONTHLY CHART



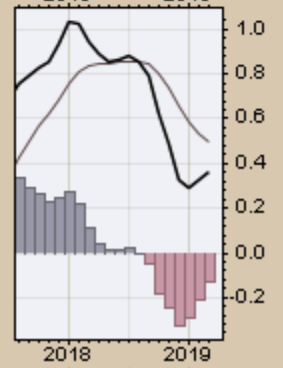
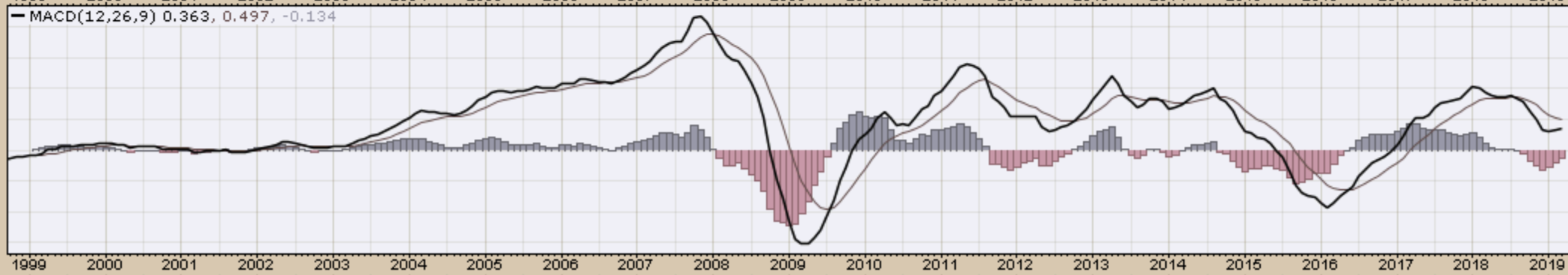
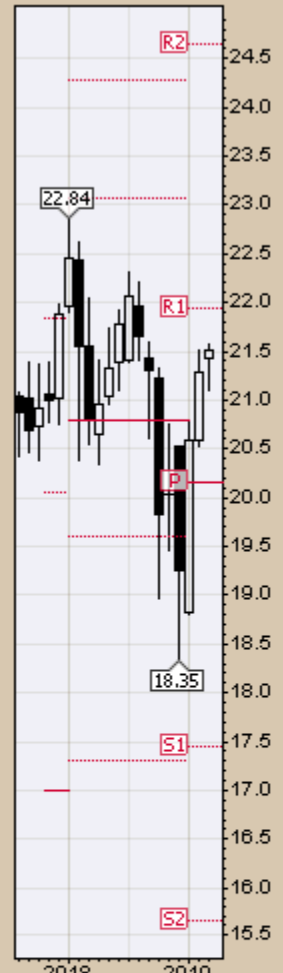
FM (Monthly) 28.78
MA(200) undef
PIVOTS 19.90, 23.02, 28.92, 32.05, 37.95

CHART A20. FRONTIER, MONTHLY CHART



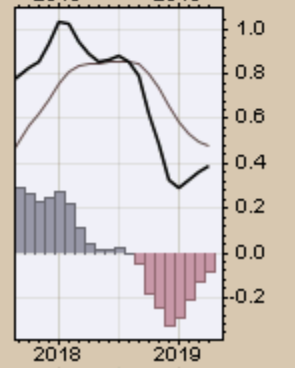
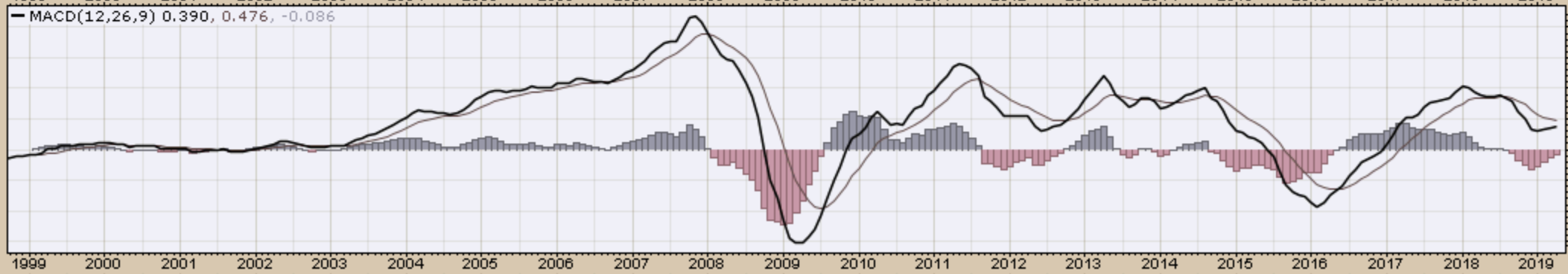
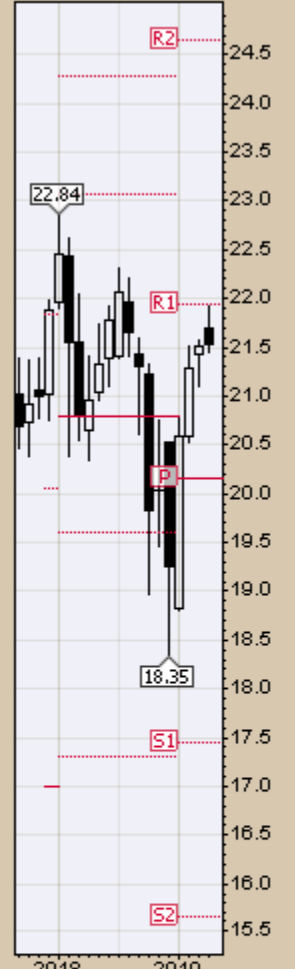
EWA (Monthly) 21.52
MA(200) 14.72
PIVOTS 15.65, 17.45, 20.15, 21.95, 24.64

CHART A21. AUSTRALIA, MONTHLY CHART



EWA (Monthly) 21.53
MA(200) 14.80
PIVOTS 15.65, 17.45, 20.15, 21.95, 24.64

CHART A22. BRAZIL, MONTHLY CHART



EWZ (Monthly) 42.29
MA(200) 35.07
PIVOTS 22.08, 30.14, 38.25, 46.31, 54.42

CHART A23. CANADA, MONTHLY CHART

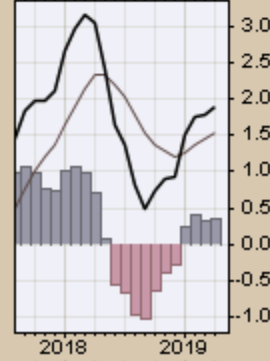
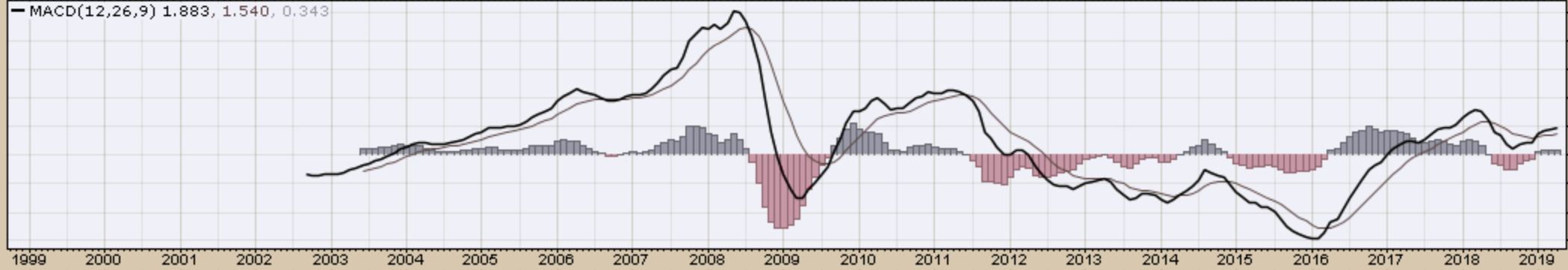
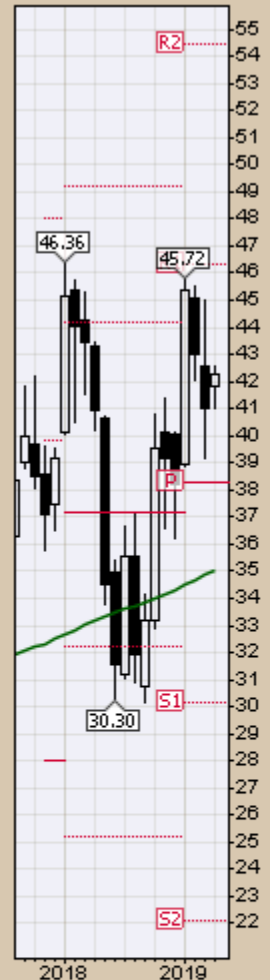
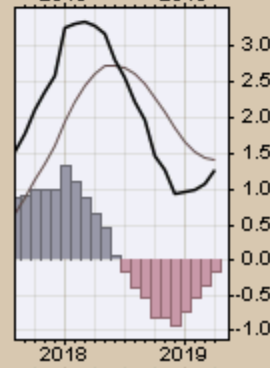
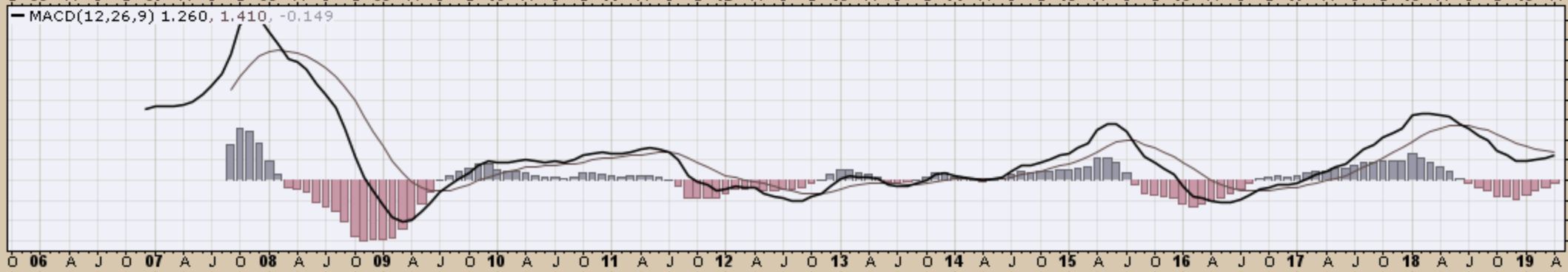
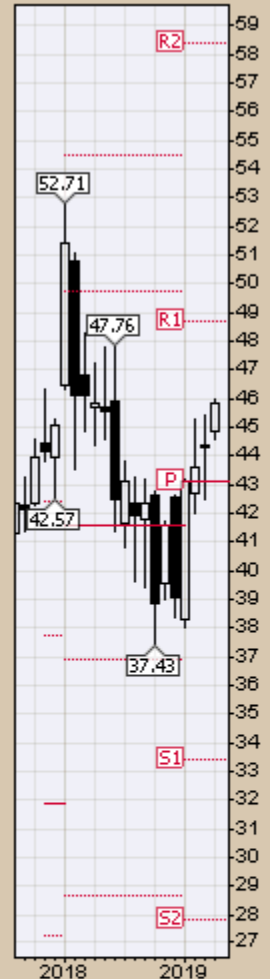
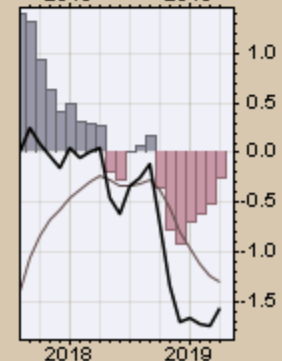
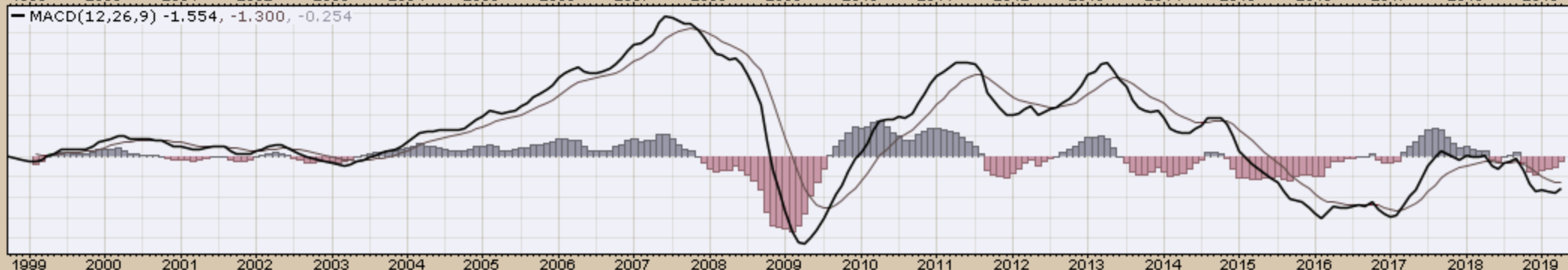
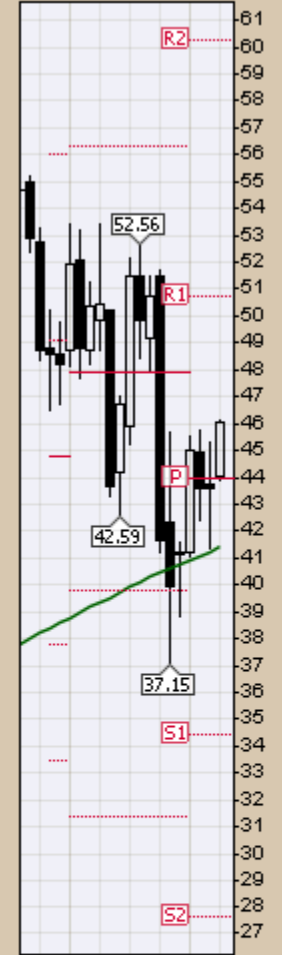


CHART A24. CHINA, MONTHLY CHART



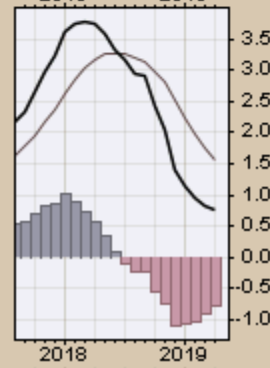
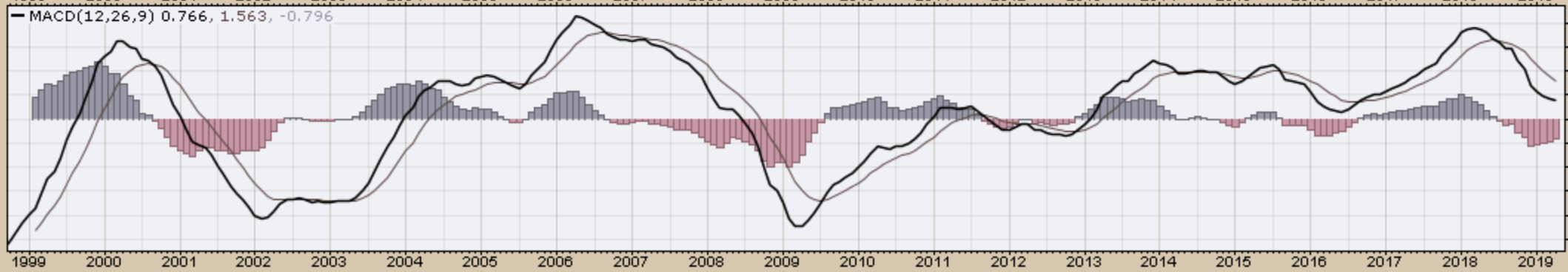
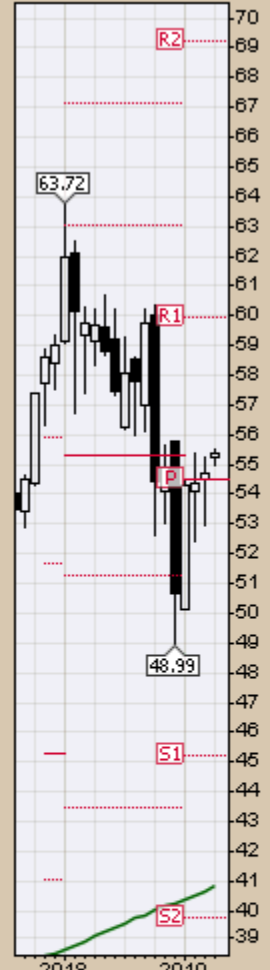
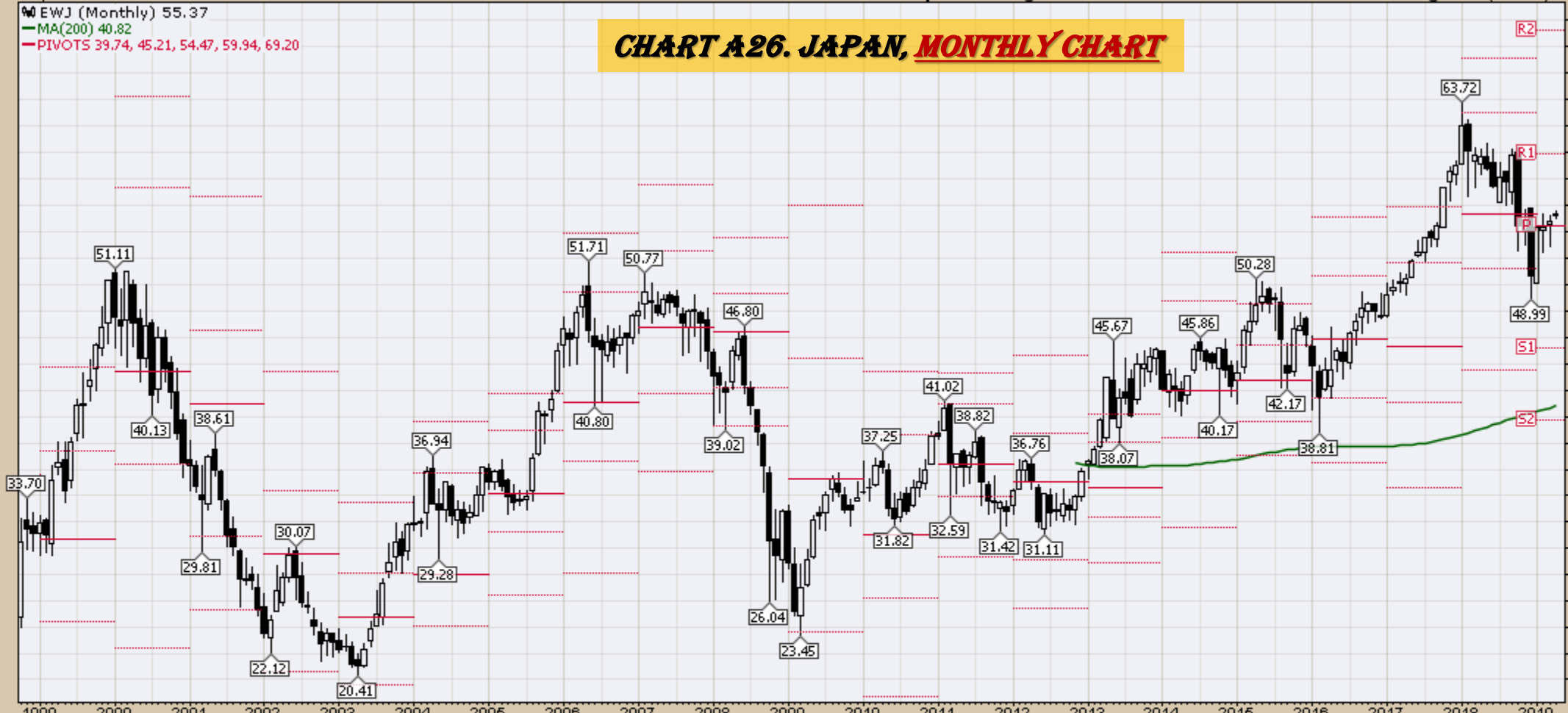
▲ EWW (Monthly) 46.04
— MA(200) 41.41
— PIVOTS 27.62, 34.40, 43.93, 50.70, 60.23

CHART A25. MEXICO, MONTHLY CHART



EWJ (Monthly) 55.37
MA(200) 40.82
PIVOTS 39.74, 45.21, 54.47, 59.94, 69.20

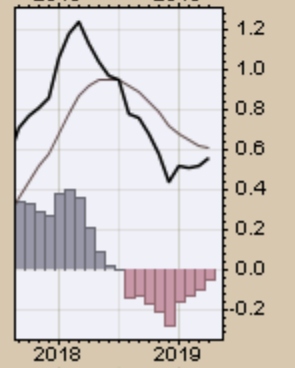
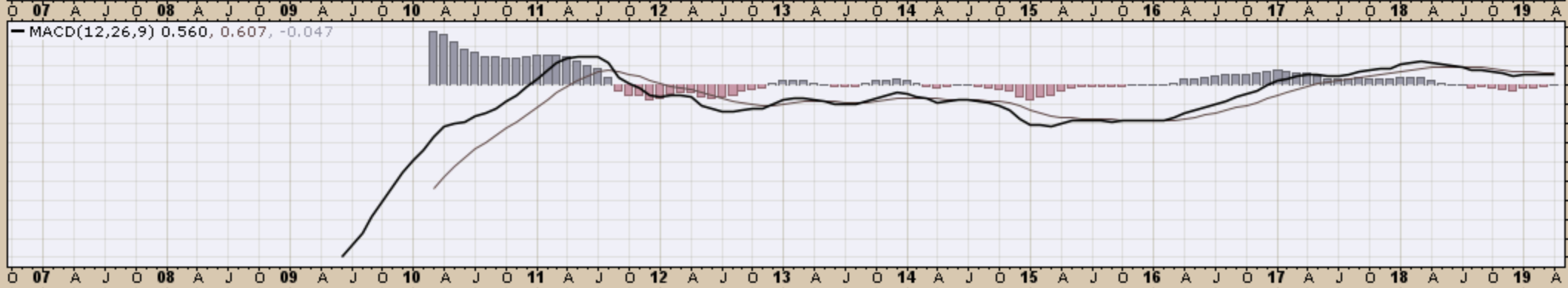
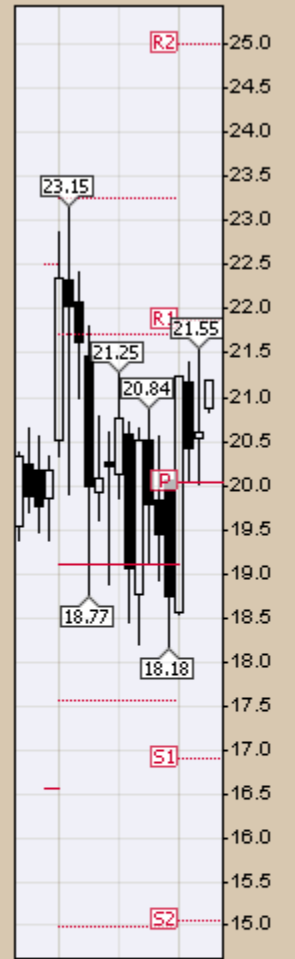
CHART A26. JAPAN, MONTHLY CHART



5-Apr-2019

Open 20.88 High 21.20 Low 20.83 Close 21.19 Volume 41.7M Chg +0.59 (+2.86%) ▲

CHART A27. RUSSIA, MONTHLY CHART

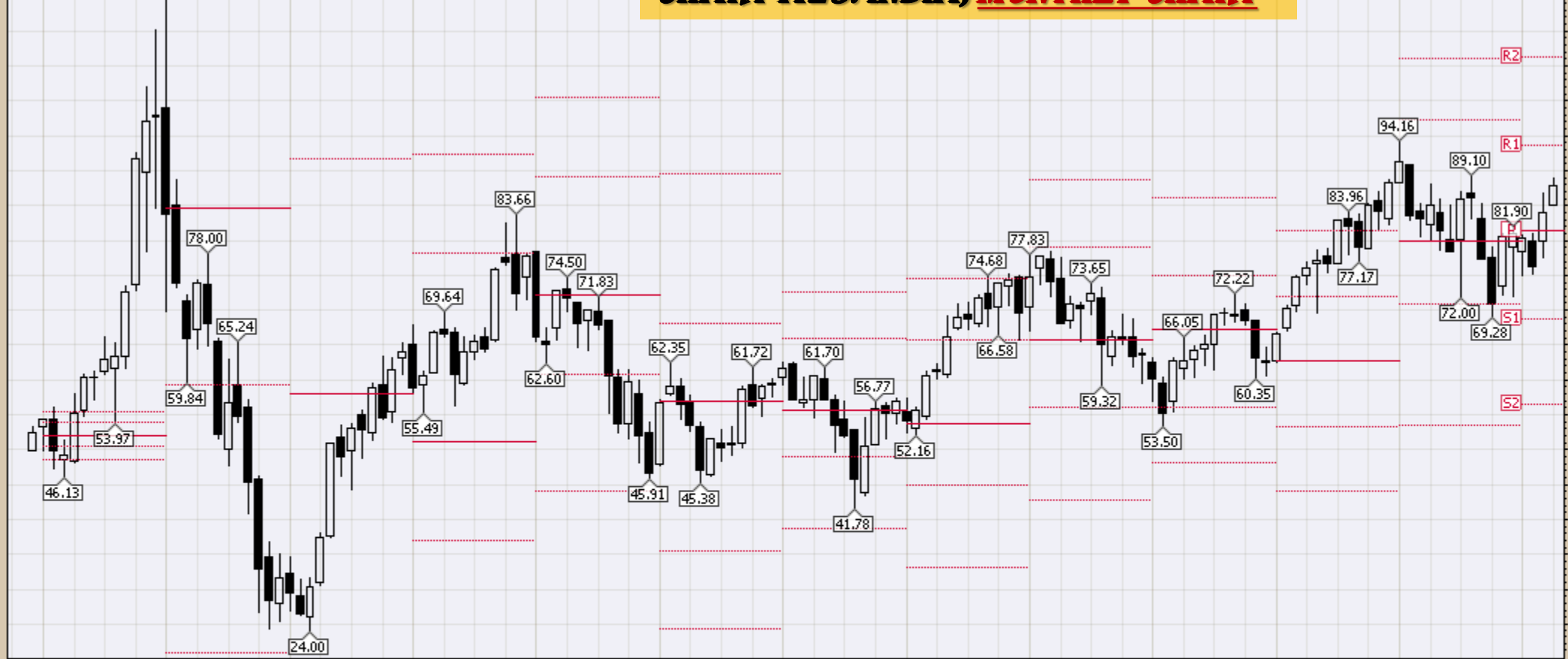


INPTF (Monthly) 87.84

MA(200) undef

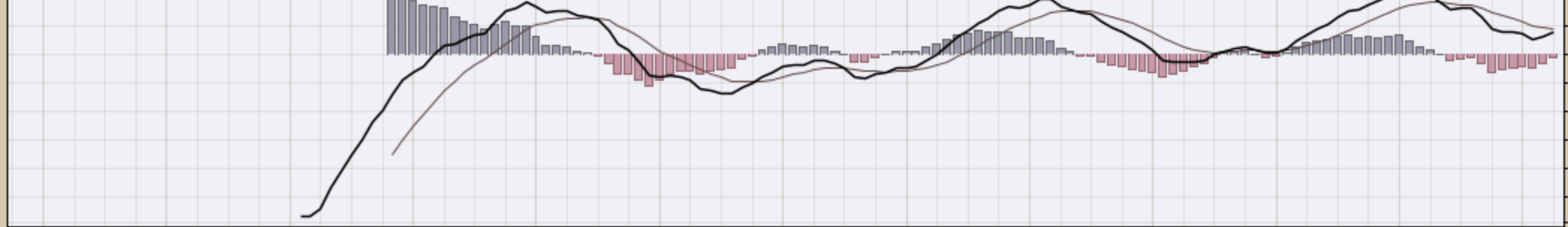
PIVOTS 56.57, 68.75, 81.45, 93.63, 106.33

CHART A28. INDIA, MONTHLY CHART

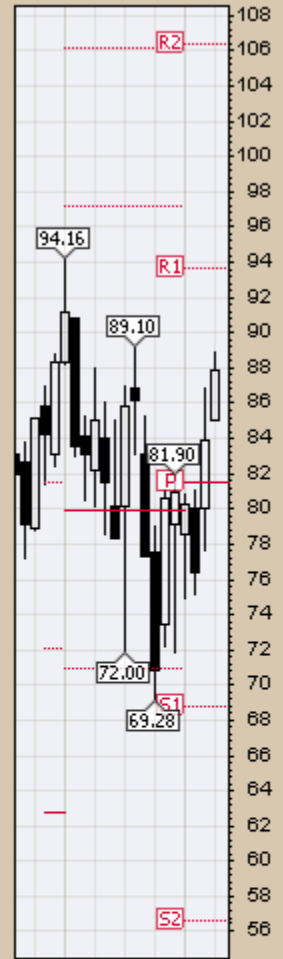


0 07 A J O 08 A J O 09 A J O 10 A J O 11 A J O 12 A J O 13 A J O 14 A J O 15 A J O 16 A J O 17 A J O 18 A J O 19 A

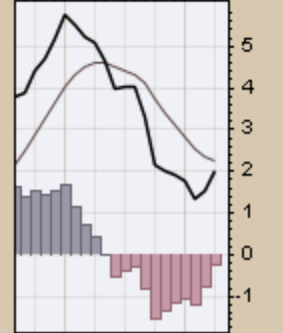
MACD(12,26,9) 2.025, 2.273, -0.247



0 07 A J O 08 A J O 09 A J O 10 A J O 11 A J O 12 A J O 13 A J O 14 A J O 15 A J O 16 A J O 17 A J O 18 A J O 19 A



2018 2019



2018 2019

5-Apr-2019

▲ GXG (Monthly) 9.93

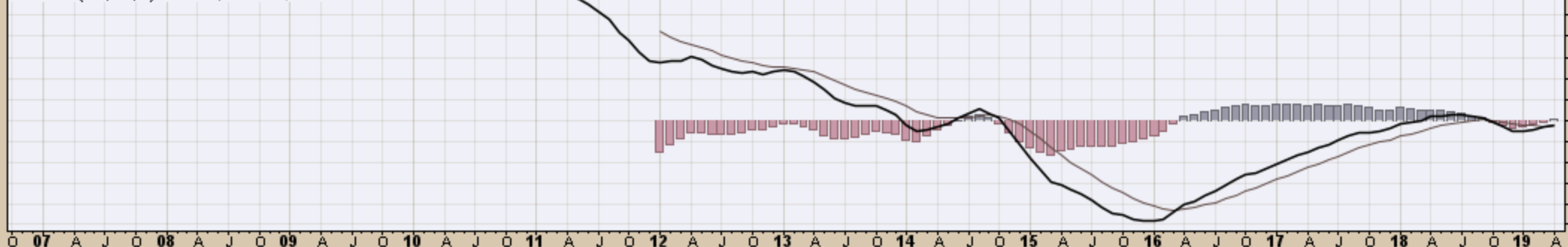
— MA(200) undef

— PIVOTS 4.98, 6.39, 8.78, 10.18, 12.57

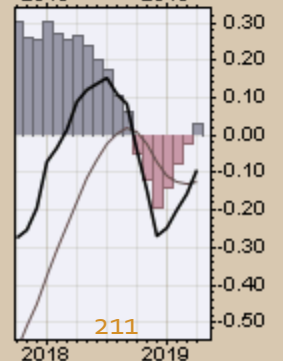
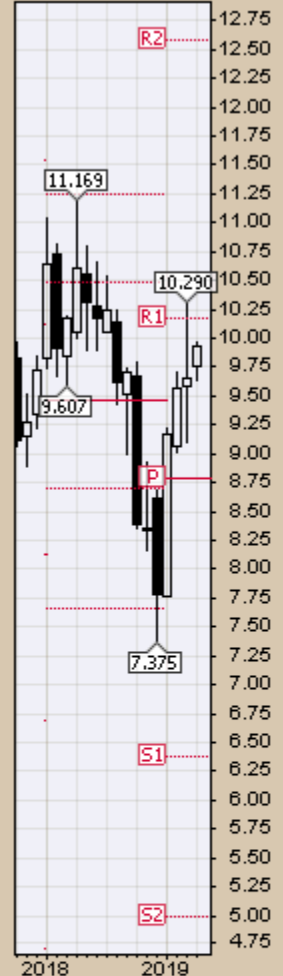
Open 9.76 High 9.96 Low 9.63 Close 9.93 Volume 991.7K Chg +0.28 (+2.90%) ▲



O 07 A J O 08 A J O 09 A J O 10 A J O 11 A J O 12 A J O 13 A J O 14 A J O 15 A J O 16 A J O 17 A J O 18 A J O 19 A



O 07 A J O 08 A J O 09 A J O 10 A J O 11 A J O 12 A J O 13 A J O 14 A J O 15 A J O 16 A J O 17 A J O 18 A J O 19 A



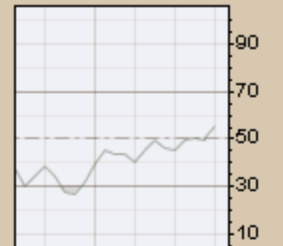
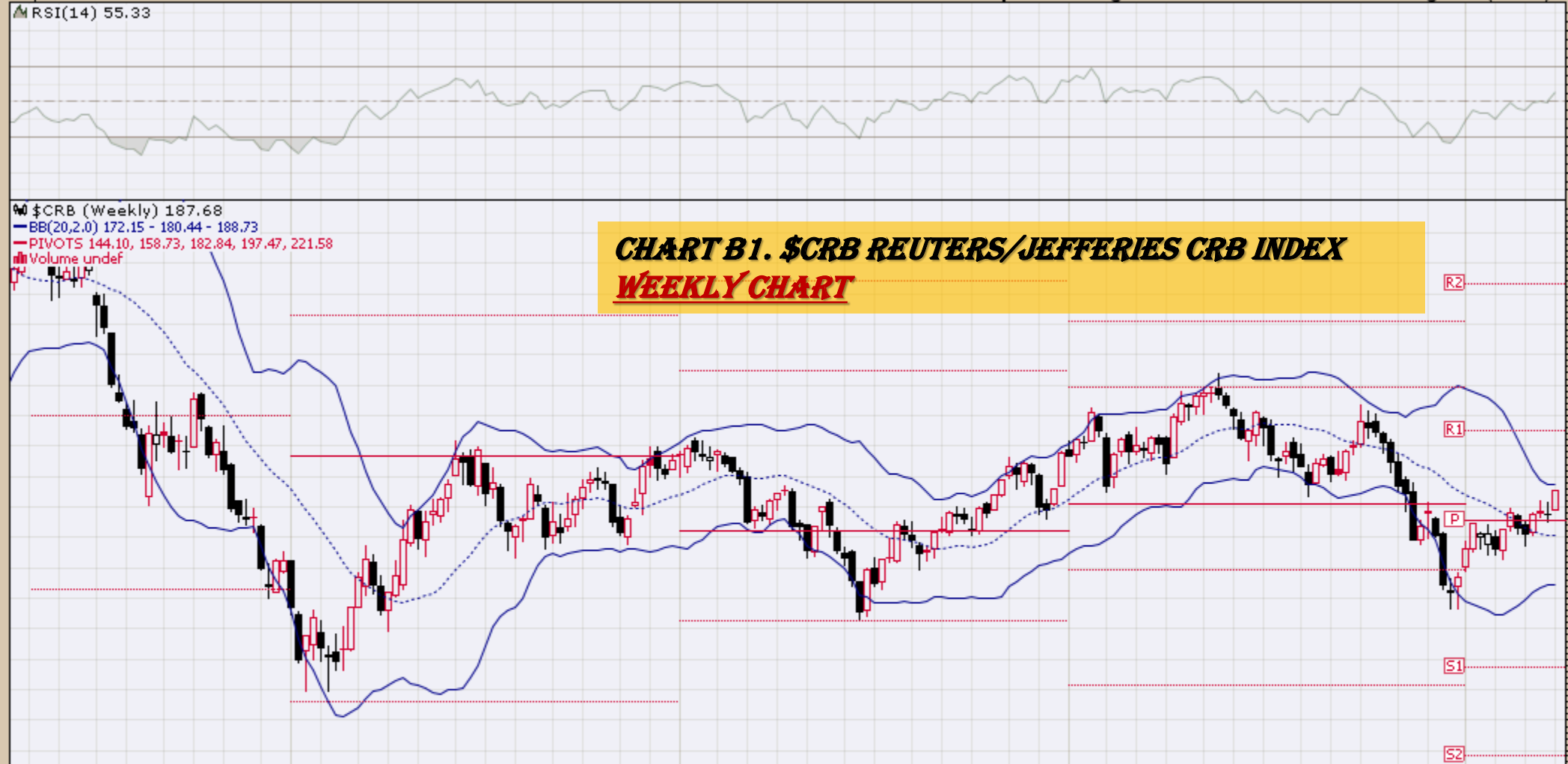
211

CRB Commodity Index
Weekly, Daily and Monthly Charts

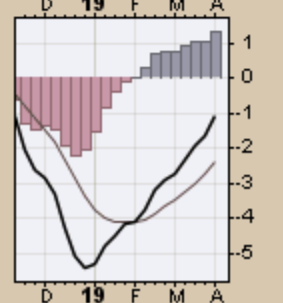
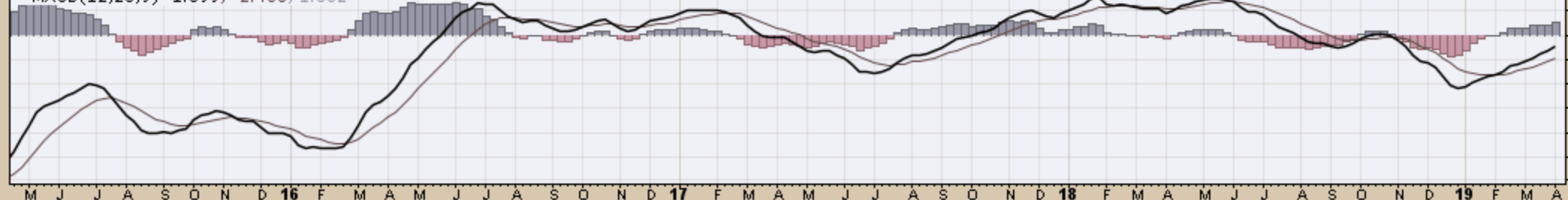
▲ RSI(14) 55.33

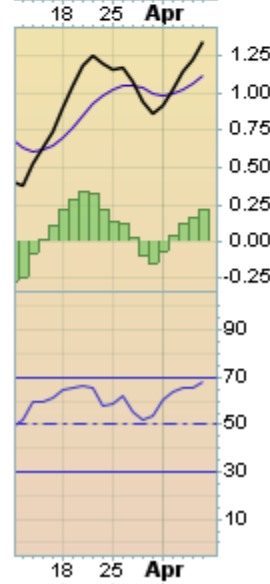
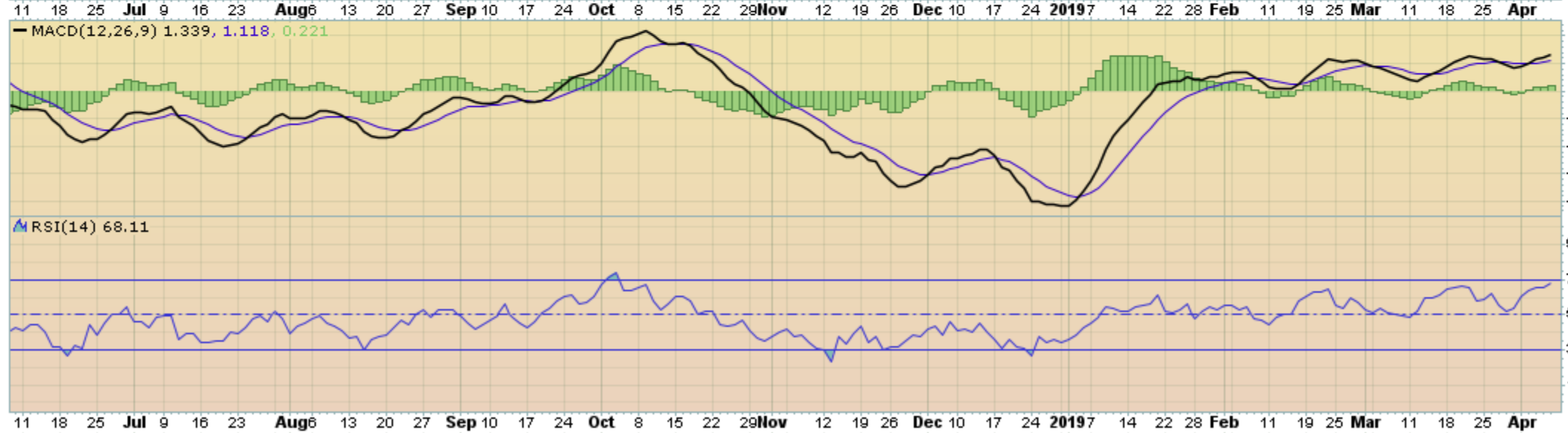
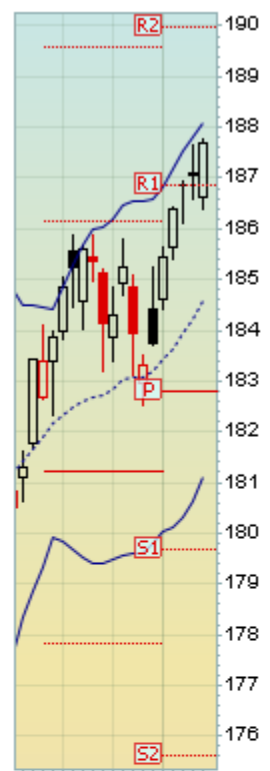
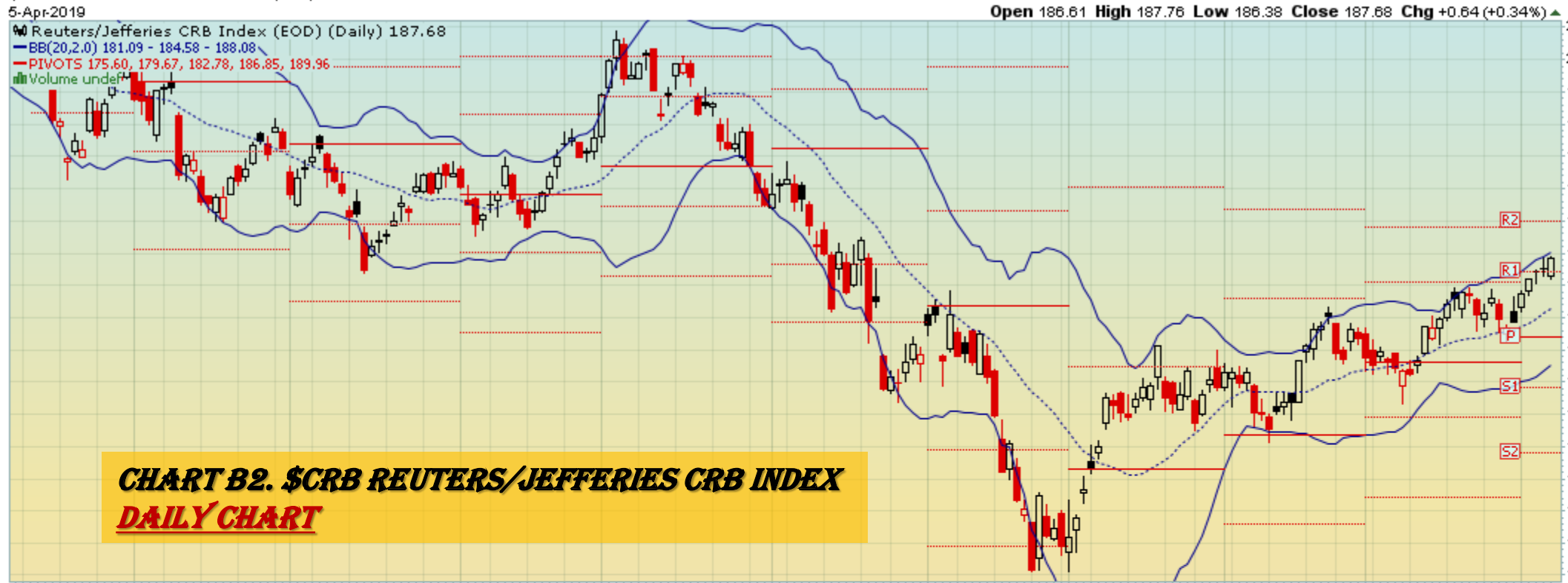
▲ \$CRB (Weekly) 187.68
— BB(20,2.0) 172.15 - 180.44 - 188.73
— PIVOTS 144.10, 158.73, 182.84, 197.47, 221.58
■ Volume undef

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



— MACD(12,26,9) -1.099, -2.400, 1.302





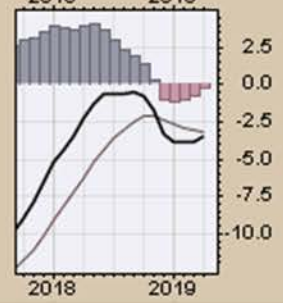
▲ RSI(14) 48.03

▲ \$CRB (Monthly) 187.68
— BB(20,2,0) 173.97 - 190.23 - 206.48
— 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) -3.405, -3.122, -0.283



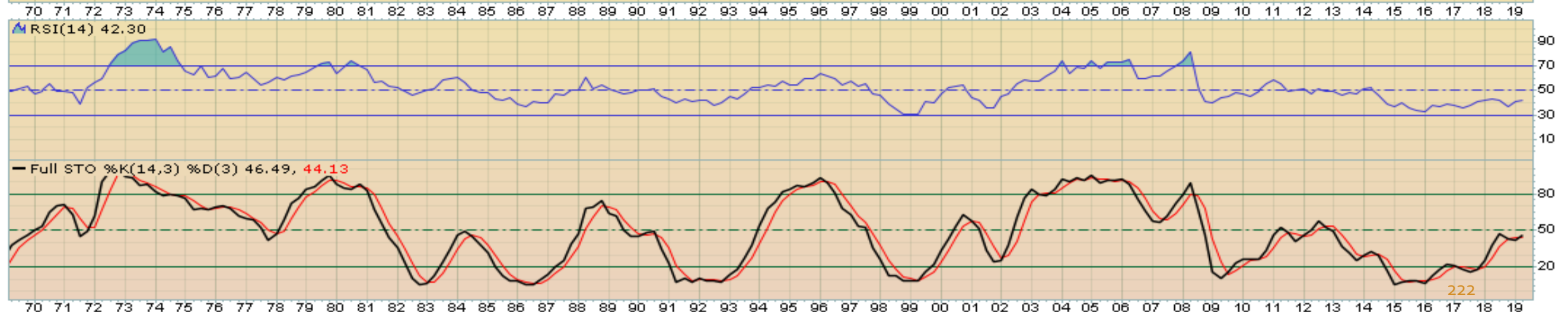
5-Apr-2019

Open 184.63 High 187.76 Low 184.40 Close 187.68 Chg +3.93 (+2.14%) ▲

MACD(12,26,9) -21.982, -24.494, 2.512

% \$CRB (Quarterly) 187.68
MA(50) 261.84
MA(200) 232.43
EMA(20) 204.96

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



5-Apr-2019

Open 184.63 High 187.76 Low 184.40 Close 187.68 Chg +3.93 (+2.14%) ▲

— \$CRB (Monthly) 187.68
— MA(200) 269.53
■ Volume undef

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

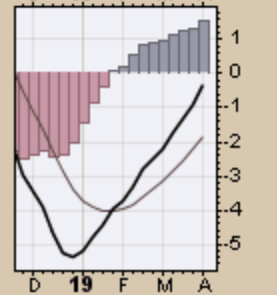
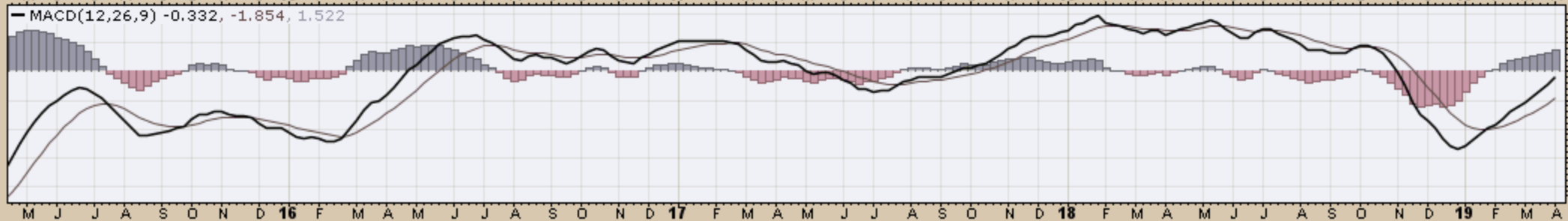
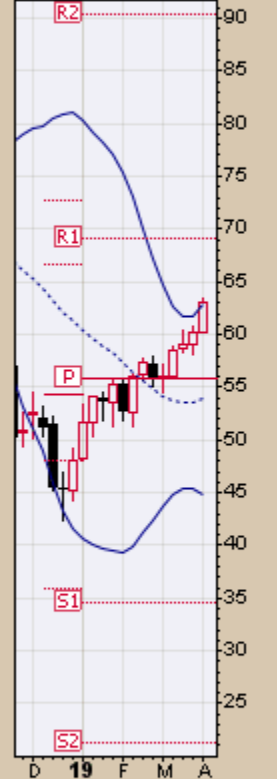
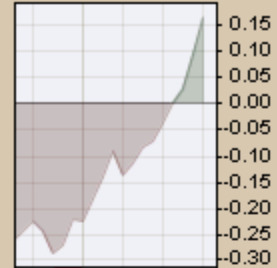


***\$WTIC Light Crude Oil
Weekly, Daily and Monthly Charts***

▲ CMF(20) 0.163

● \$WTIC (Weekly) 63.08
— BB(20,2.0) 44.79 - 53.86 - 62.93
— PIVOTS 21.20, 34.58, 55.74, 69.12, 90.28

CHART B6. \$WTIC, WEEKLY CHART

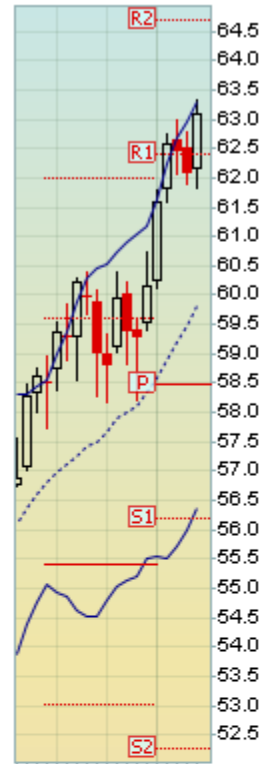


5-Apr-2019

Open 62.18 High 63.34 Low 61.82 Close 63.08 Volume 68.1M Chg +0.98 (+1.58%) ▲

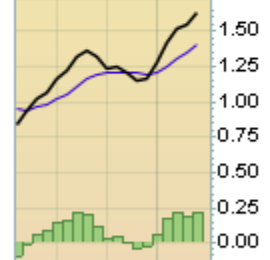
Light Crude Oil - Continuous Contract (EOD) (Daily) 63.08

BB(20,2,0) 56.36 - 59.82 - 63.28
PIVOTS 52.25, 56.20, 58.46, 62.41, 64.67

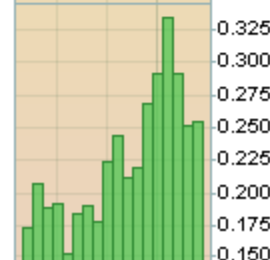
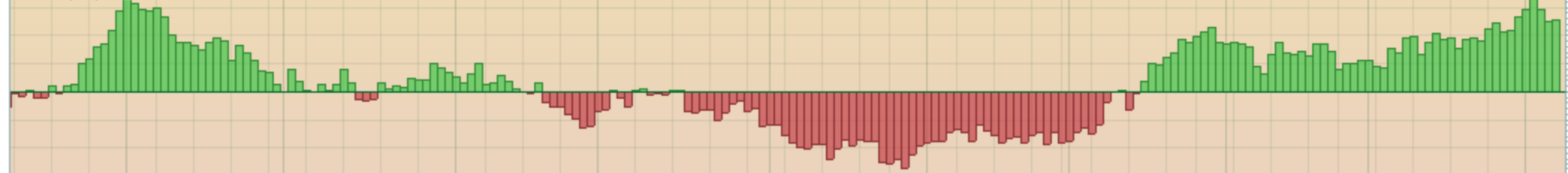


11 18 25 Jul 9 16 23 Aug 6 13 20 27 Sep 10 17 24 Oct 8 15 22 29 Nov 12 19 26 Dec 10 17 24 2019 7 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr

MACD(12,26,9) 1.623, 1.406, 0.217



CMF(20) 0.255



11 18 25 Jul 9 16 23 Aug 6 13 20 27 Sep 10 17 24 Oct 8 15 22 29 Nov 12 19 26 Dec 10 17 24 2019 7 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr

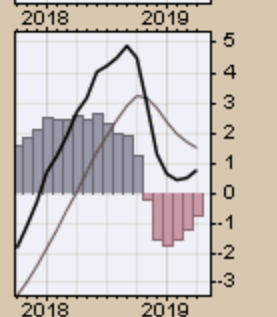
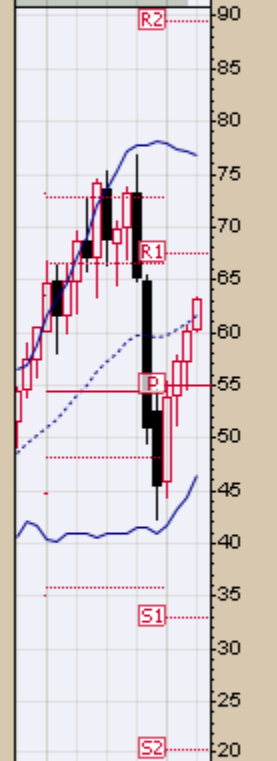
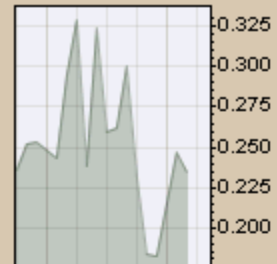
5-Apr-2019

Open 60.24 High 63.34 Low 60.13 Close 63.08 Volume 361.0M Chg +2.94 (+4.89%)▲

▲ CMF(20) 0.234 (29 Mar)

CHART B8. \$WTIC, MONTHLY CHART

▲ \$WTIC (Monthly) 63.08
— BB(20,2.0) 46.43 - 61.63 - 76.83
— PIVOTS 20.35, 32.88, 54.89, 67.42, 89.43



5-Apr-2019

Open 60.24 High 63.34 Low 60.13 Close 63.08 Volume 361.0M Chg +2.94 (+4.89%) ▲

— \$WTIC (Monthly) 63.08
— MA(200) 67.98

CHART B9. \$WTIC, MONTHLY CHART



Soybeans
Weekly, Daily and Monthly Charts

5-Apr-2019

Open 884.00 High 907.25 Low 883.75 Close 899.00 Volume 413.2K Chg +14.75 (+1.67%) ▲

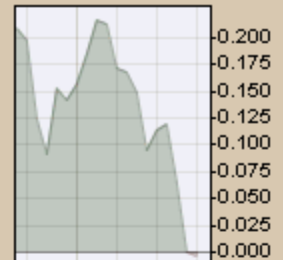
▲ CMF(20) -0.005

CHART B10. SOYBEANS, WEEKLY CHART

▲ \$SOYB (Weekly) 899.00

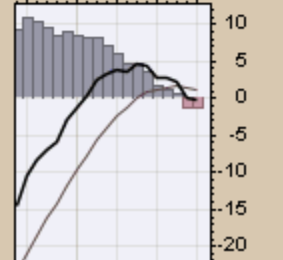
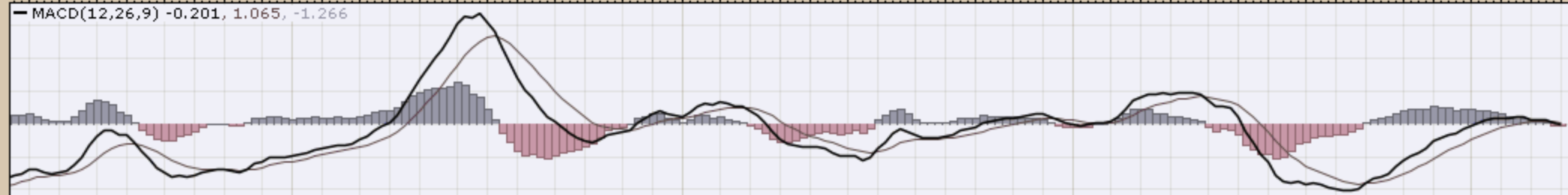
— BB(20,2,0) 881.78 - 906.35 - 930.92

— PIVOTS 668.50, 795.00, 938.75, 1065.25, 1209.00



M J 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

— MACD(12,26,9) -0.201, 1.065, -1.266



M J 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

D 19 F M A

5-Apr-2019

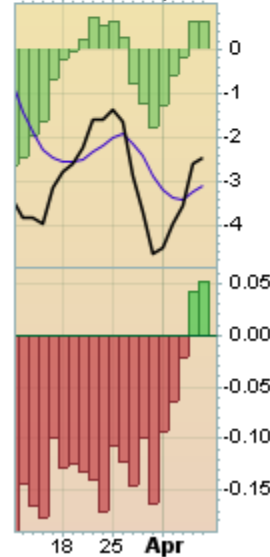
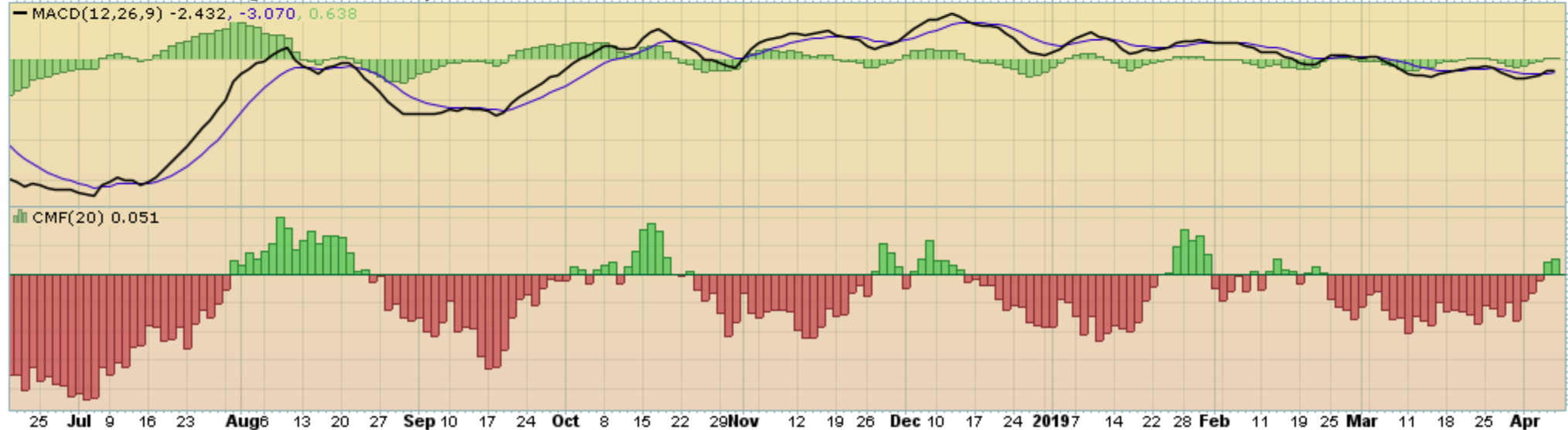
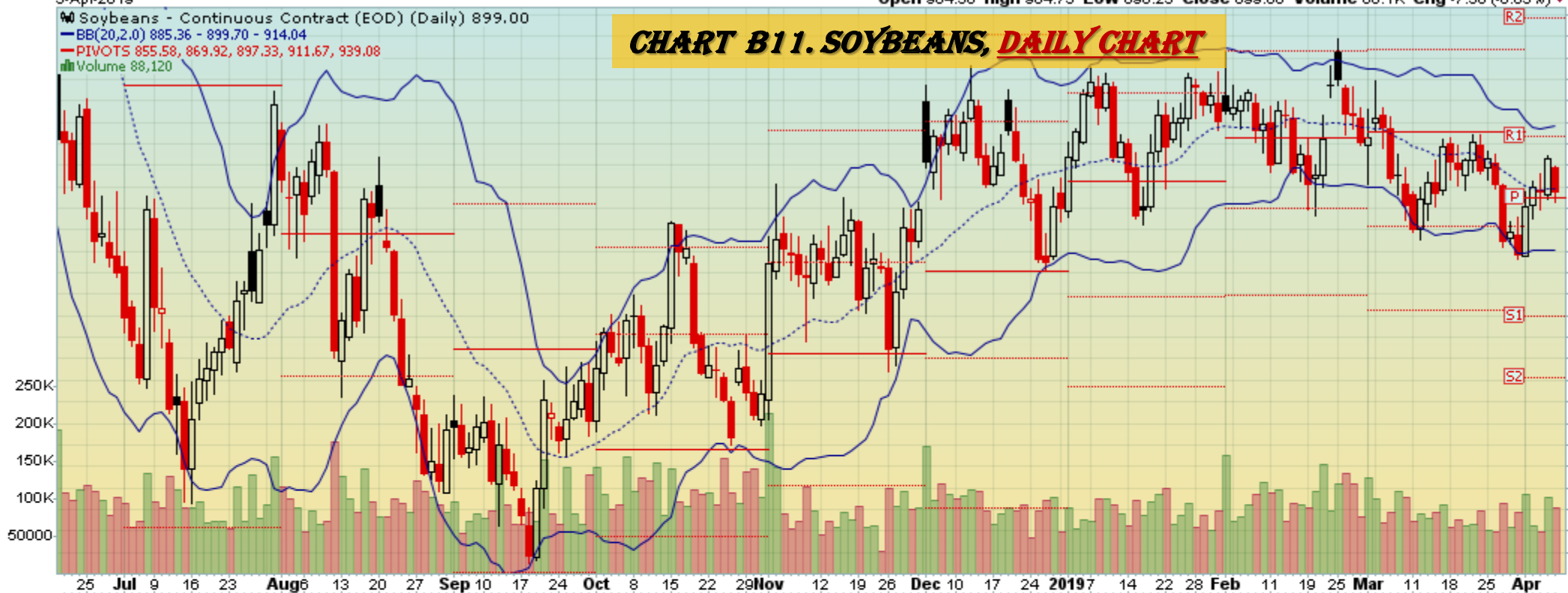
Open 904.50 High 904.75 Low 896.25 Close 899.00 Volume 88.1K Chg -7.50 (-0.83%)

BB(20,2,0) 885.36 - 899.70 - 914.04

PIVOTS 855.58, 869.92, 897.33, 911.67, 939.08

Volume 88,120

CHART B11. SOYBEANS, DAILY CHART



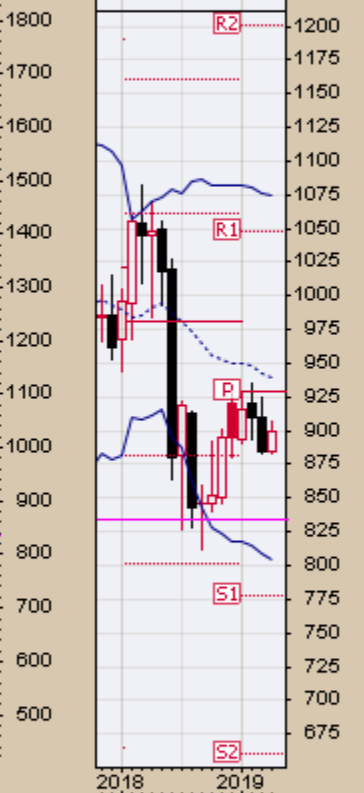
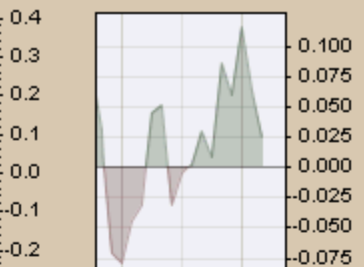
5-Apr-2019

Open 884.00 High 907.25 Low 883.75 Close 899.00 Volume 413.2K Chg +14.75 (+1.67%)▲

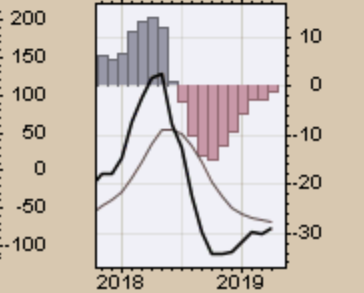
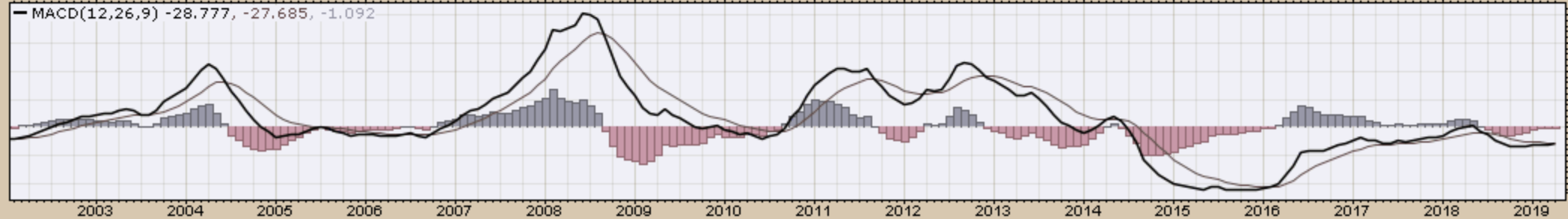
▲ CMF(20) 0.025 (29 Mar)

CHART B12. SOYBEANS, MONTHLY CHART

▲ \$SOYB (Monthly) 899.00
— BB(20,2.0) 805.07 - 940.09 - 1075.11
— PIVOTS 659.67, 777.33, 929.92, 1047.58, 1200.17



— MACD(12,26,9) -28.777, -27.685, -1.092



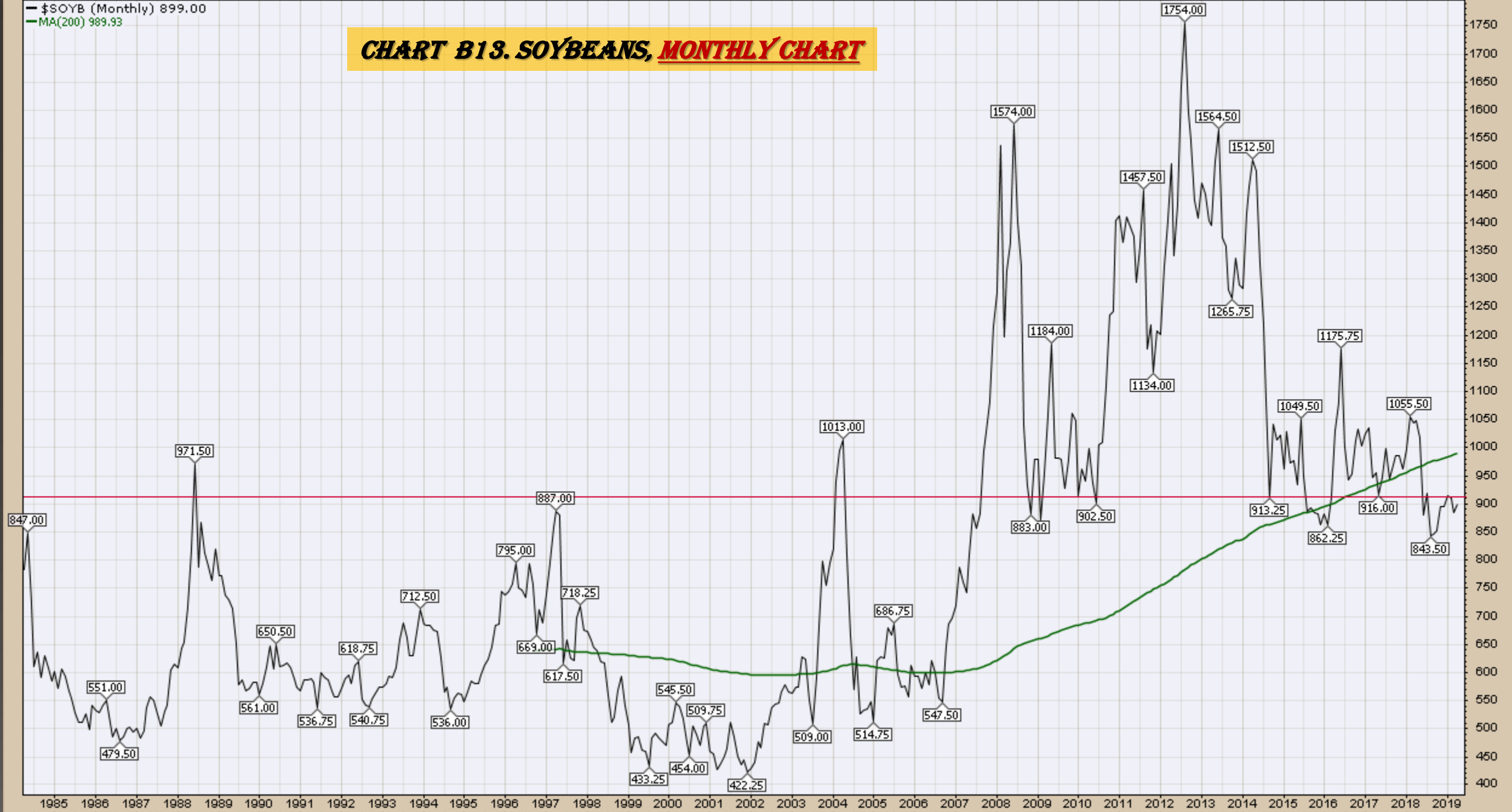
5-Apr-2019

Open 884.00 High 907.25 Low 883.75 Close 899.00 Volume 413.2K Chg +14.75 (+1.67%) ▲

— \$SOYB (Monthly) 899.00

— MA(200) 989.93

CHART B13. SOYBEANS, MONTHLY CHART



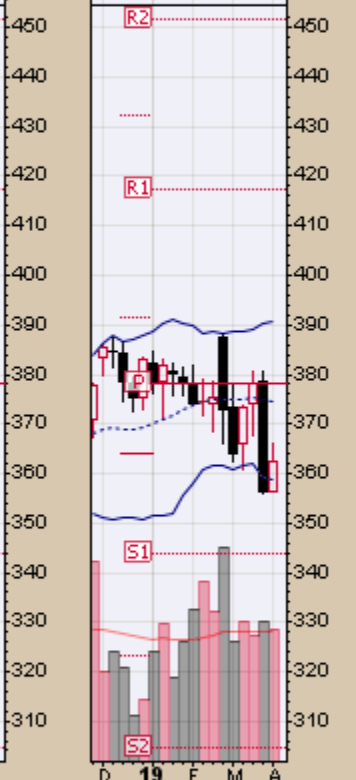
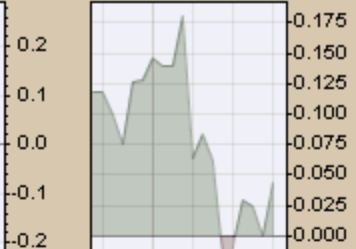
Corn

Weekly, Daily and Monthly Charts

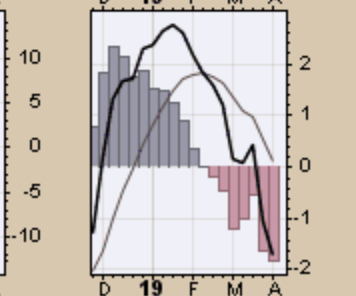
▲ CMF(20) 0.044

CHART B14. CORN, WEEKLY CHART

▲ \$CORN (Weekly) 362.50
 — BB(20,2,0) 358.78 - 374.73 - 390.67
 — PIVOTS 304.50, 343.75, 378.00, 417.25, 451.50
 ■ Volume 841.94K, EMA(50) 831.91K



— MACD(12,26,9) -1.703, 0.119, -1.822



\$CORN Corn - Continuous Contract (EOD) CME

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5-Apr-2019

Open 364.50 High 364.75 Low 360.50 Close 362.50 Volume 247.0K Chg -2.75 (-0.75%)

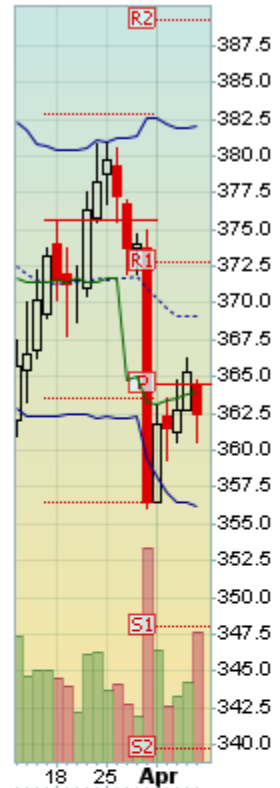
100 Corn - Continuous Contract (EOD) (Daily) 362.50

BB(20,2,0) 356.17 - 369.08 - 381.98

PIVOTS 339.67, 348.08, 364.42, 372.83, 389.17

CHANDLR(22,3,0) 363.97

Volume 247,029



MACD(12,26,9) -2.679, -1.729, -0.950

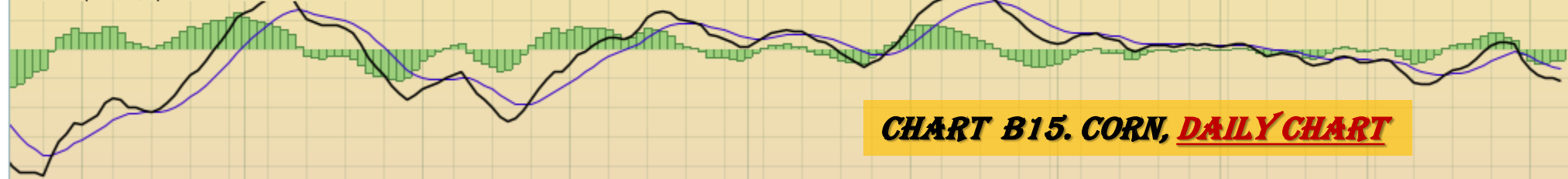
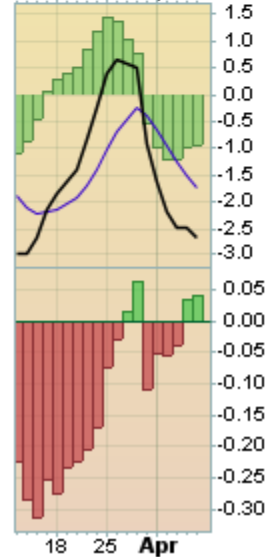


CHART B15. CORN, DAILY CHART

CMF(20) 0.042



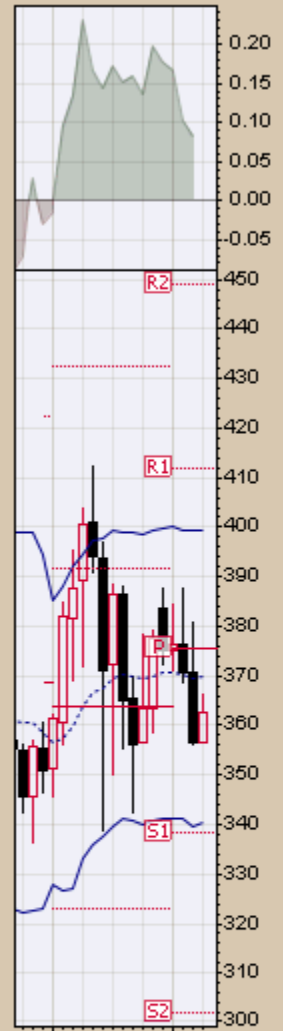
5-Apr-2019

Open 356.50 High 366.25 Low 356.50 Close 362.50 Volume 841.9K Chg +6.00 (+1.68%) ▲

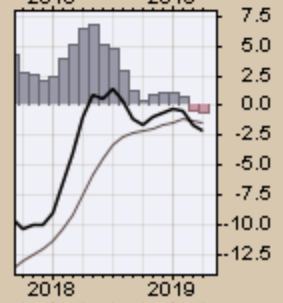
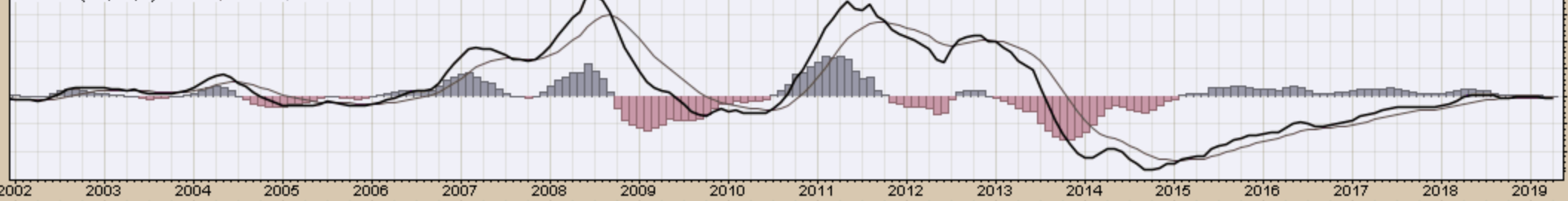
▲ CMF(20) 0.084 (29 Mar)

CHART B16. CORN, MONTHLY CHART

● \$CORN (Monthly) 362.50
— BB(20,2.0) 340.31 - 369.74 - 399.17
— PIVOTS 301.83, 338.42, 375.33, 411.92, 448.83



— MACD(12,26,9) -2.108, -1.433, -0.675

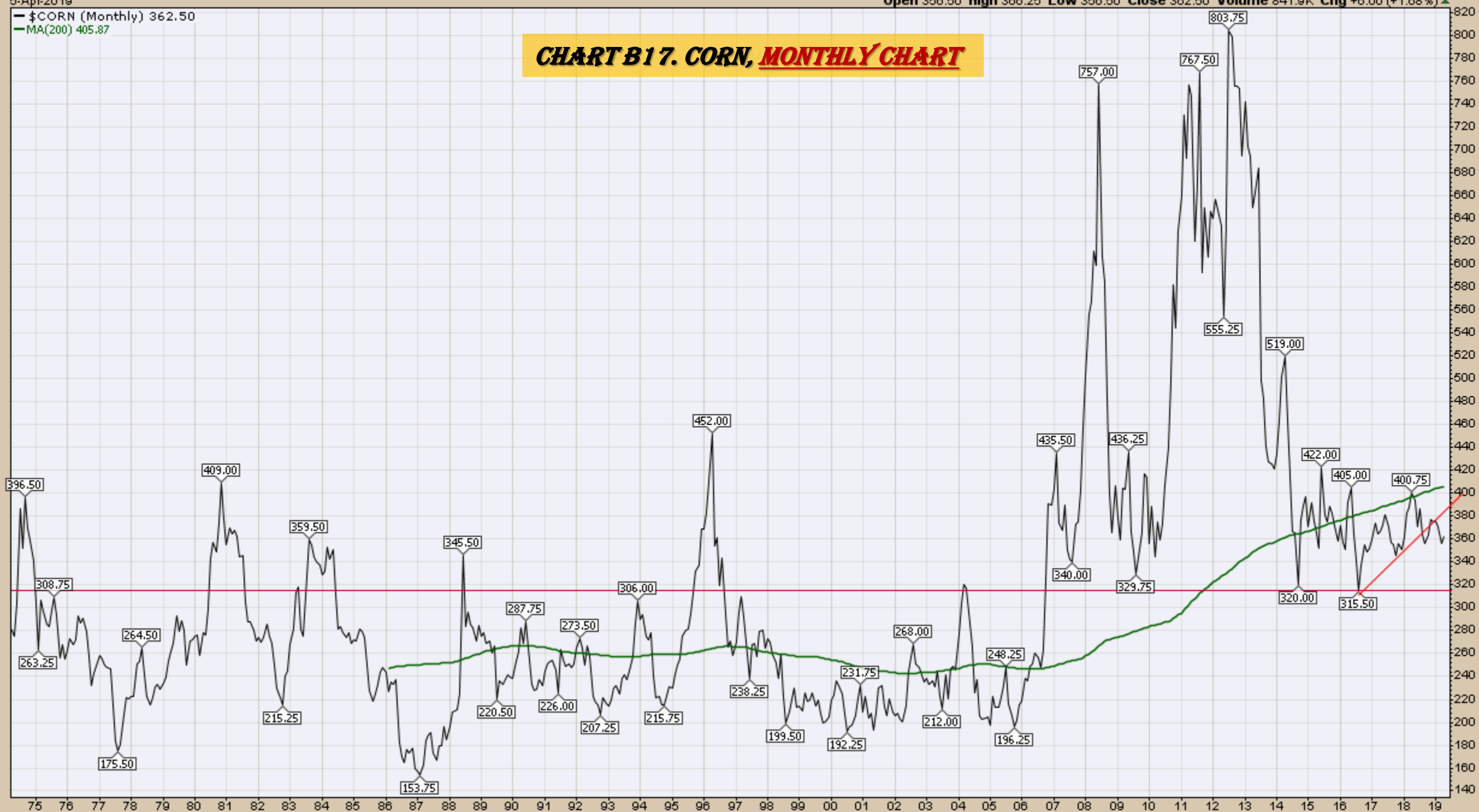


5-Apr-2019

Open 356.50 High 366.25 Low 356.50 Close 362.50 Volume 841.9K Chg +6.00 (+1.68%) ▲

— \$CORN (Monthly) 362.50
— MA(200) 405.87

CHART B17. CORN, MONTHLY CHART



Rice
Quarterly and Daily Charts

CHART B18. ROUGH RICE, 30 YEAR



CHART B19. ROUGH RICE
WEEKLY CHART, 5 YEAR



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



Cotton
Weekly, Daily and Monthly Charts

5-Apr-2019

Open 77.73 High 78.48 Low 76.47 Close 78.25 Volume 85.4K Chg +0.64 (+0.82%) ▲

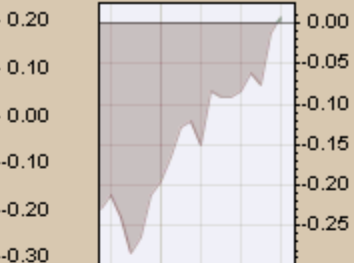
▲ CMF(20) 0.007

▲ \$COTTON (Weekly) 78.25

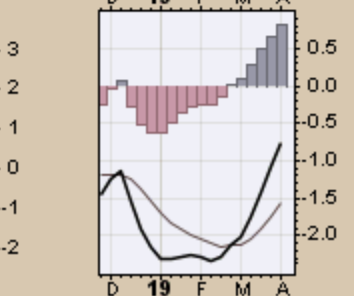
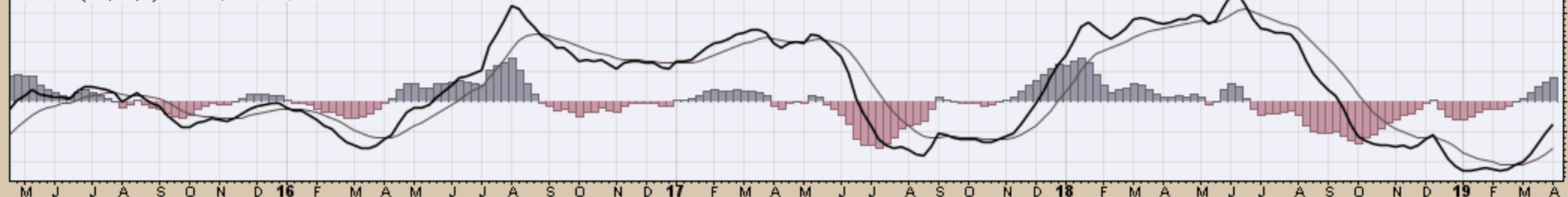
— BB(20,2.0) 69.75 - 75.03 - 80.32

— PIVOTS 55.16, 63.84, 79.33, 88.01, 103.50

CHART B21. COTTON, WEEKLY CHART



— MACD(12,26,9) -0.748, -1.550, 0.803



5-Apr-2019

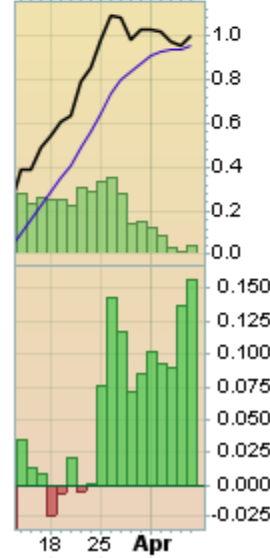
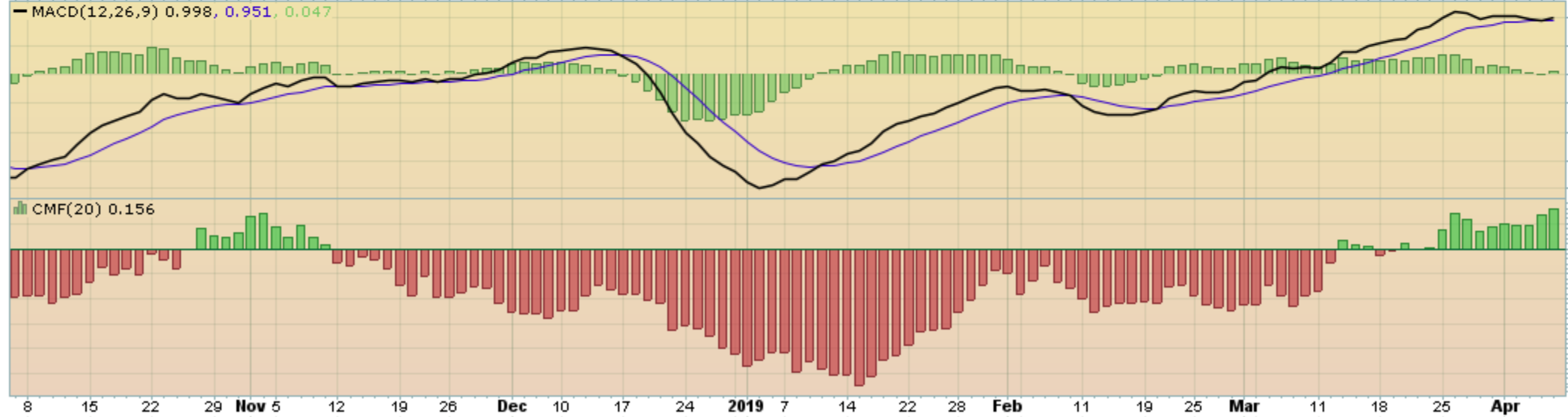
Open 77.32 High 78.48 Low 77.05 Close 78.25 Volume 23.0K Chg +0.93 (+1.20%) ▲

▲ Cotton - Continuous Contract (EOD) (Daily) 78.25

— BB(20,2,0) 73.75 - 76.35 - 78.96

— PIVOTS 70.56, 74.09, 76.03, 79.56, 81.50

CHART B22. COTTON, DAILY CHART



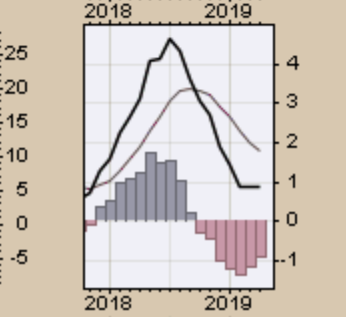
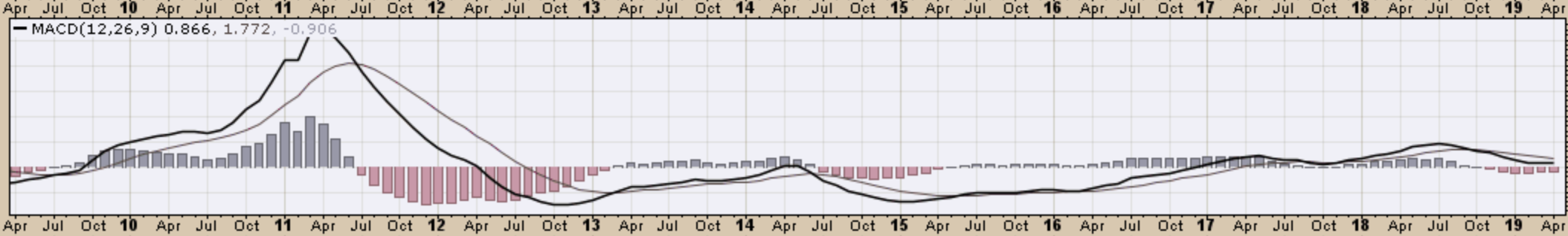
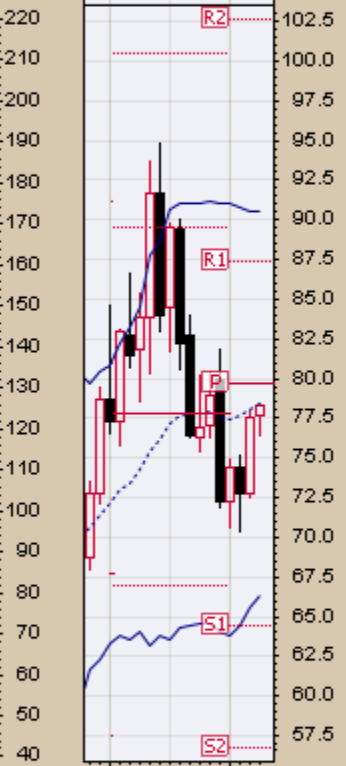
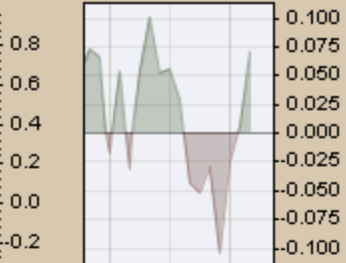
5-Apr-2019

Open 77.73 High 78.48 Low 76.47 Close 78.25 Volume 85.4K Chg +0.64 (+0.82%) ▲

▲ CMF(20) 0.071 (29 Mar)

☞ \$COTTON (Monthly) 78.25
— BB(20,2.0) 66.35 - 78.43 - 90.51
— PIVOTS 56.68, 64.44, 79.63, 87.39, 102.58

CHART B23. COTTON, MONTHLY CHART

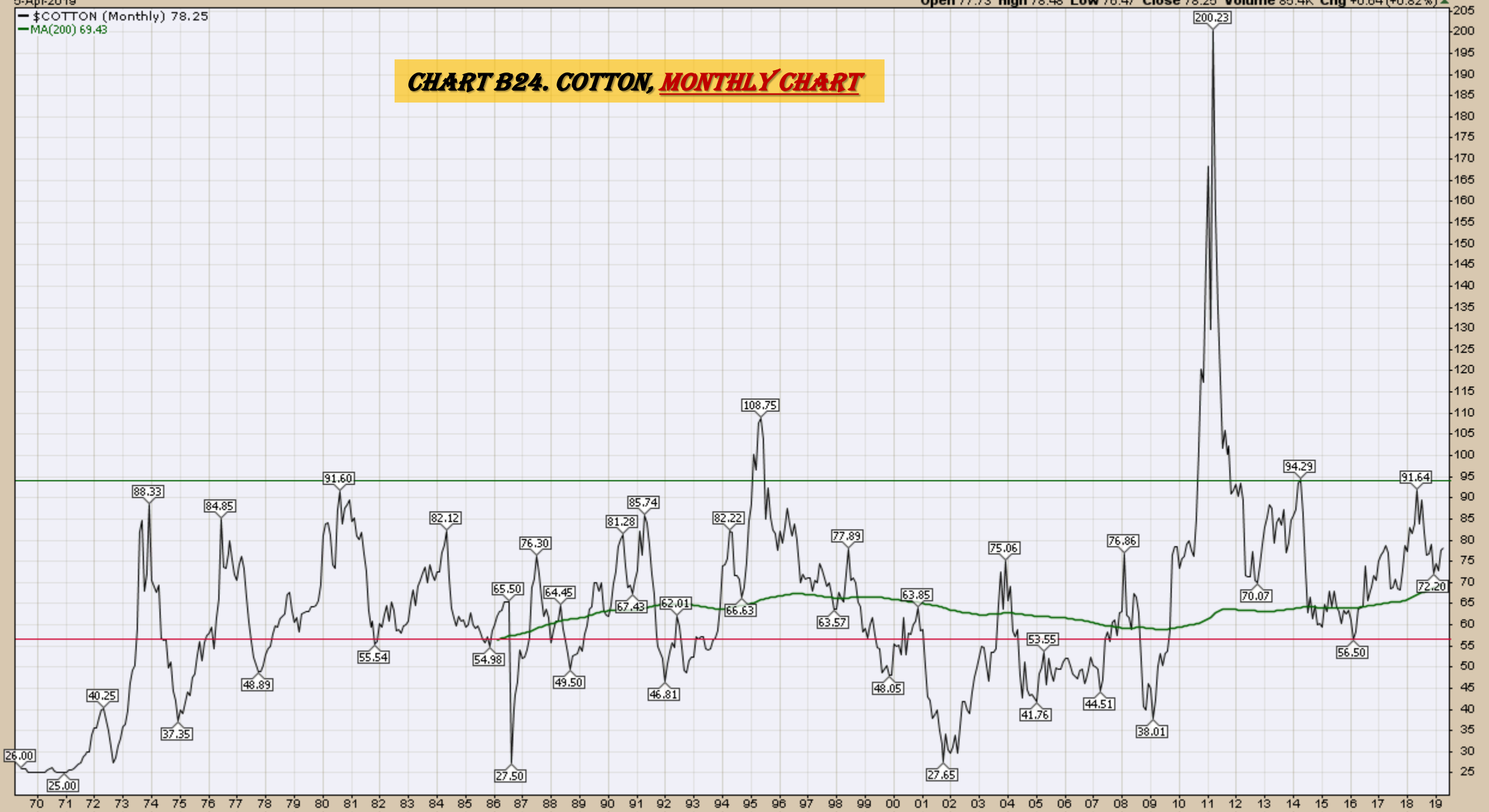


5-Apr-2019

Open 77.73 High 78.48 Low 76.47 Close 78.25 Volume 85.4K Chg +0.64 (+0.82%) ▲

— \$COTTON (Monthly) 78.25
— MA(200) 69.43

CHART B24. COTTON, MONTHLY CHART



Wheat
Weekly, Daily and Monthly Charts

5-Apr-2019

Open 459.50 High 477.50 Low 456.00 Close 467.75 Volume 314.4K Chg +10.00 (+2.18%) ▲

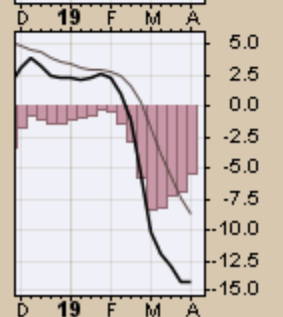
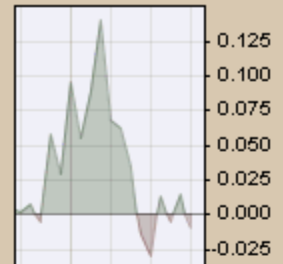
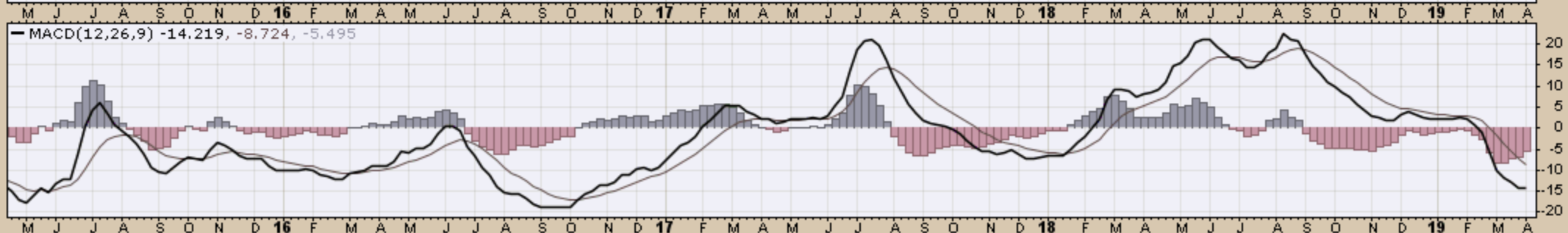
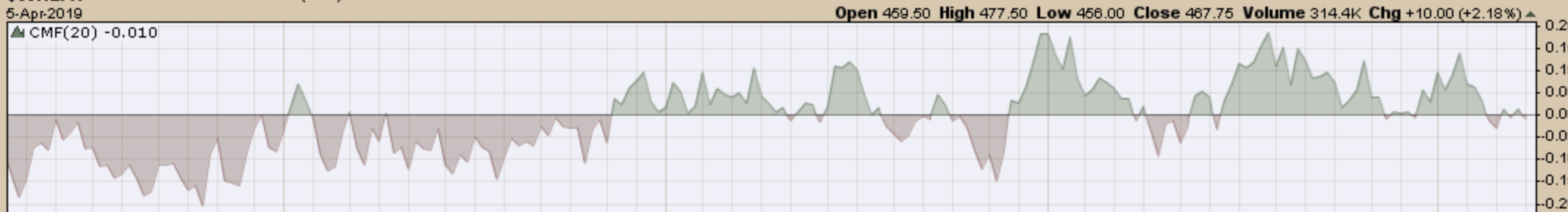
▲ CMF(20) -0.010

▲ \$WHEAT (Weekly) 467.75

— BB(20,2.0) 442.54 - 498.60 - 554.66

— PIVOTS 328.00, 422.50, 507.75, 602.25, 687.50

CHART B25. WHEAT, WEEKLY CHART



5-Apr-2019

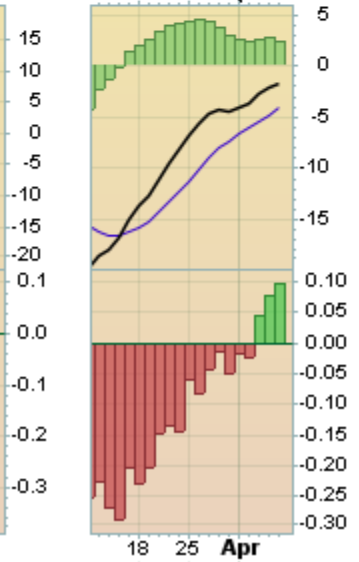
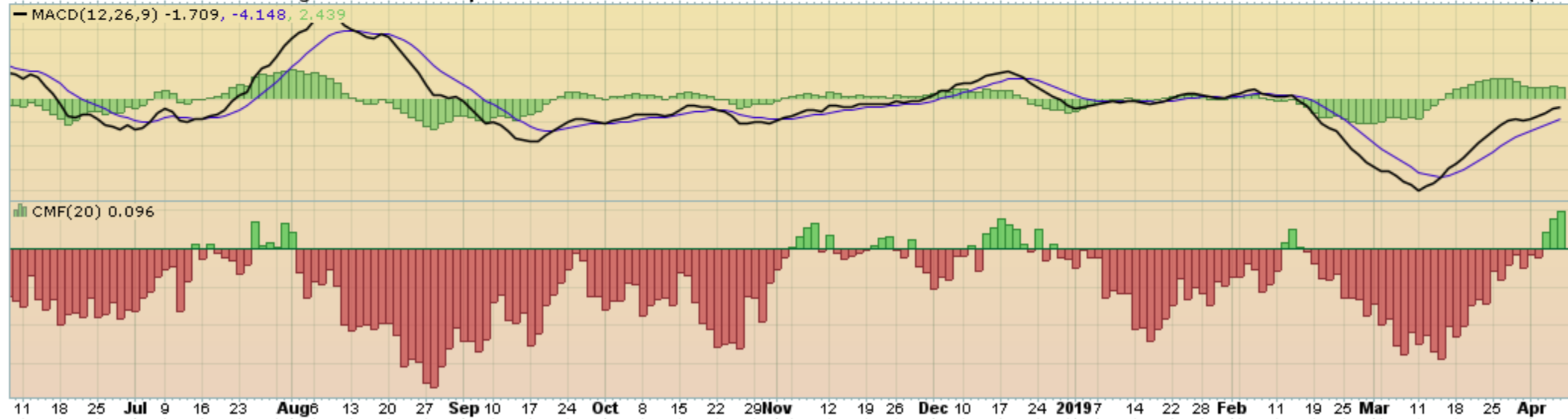
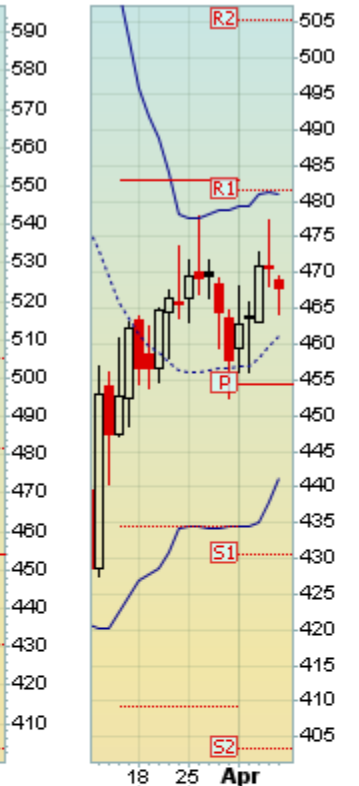
Open 469.00 High 469.50 Low 464.25 Close 467.75 Volume 83.2K Chg -3.00 (-0.64%)

Wheat - Continuous Contract (EOD) (Daily) 467.75

BB(20,2,0) 441.18 - 461.05 - 480.92

PIVOTS 403.25, 430.50, 454.25, 481.50, 505.25

CHART B26. WHEAT, DAILY CHART



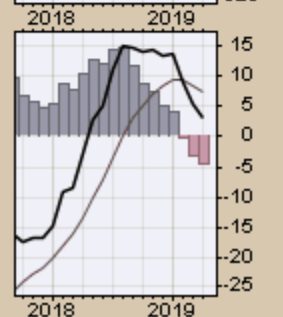
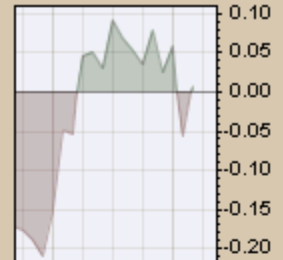
▲ CMF(20) 0.007 (29 Mar)

▲ \$WHEAT (Monthly) 467.75

— BB(20,2.0) 407.15 - 484.59 - 562.02

— PIVOTS 323.42, 413.33, 503.17, 593.08, 682.92

CHART B27. WHEAT, MONTHLY CHART



— \$WHEAT (Monthly) 467.75
— MA(200) 535.76

CHART B28. WHEAT, MONTHLY CHART



S&P Sectors

Sector Chart Book Index

Market Outlook Considerations for Week Beginning April 8, 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

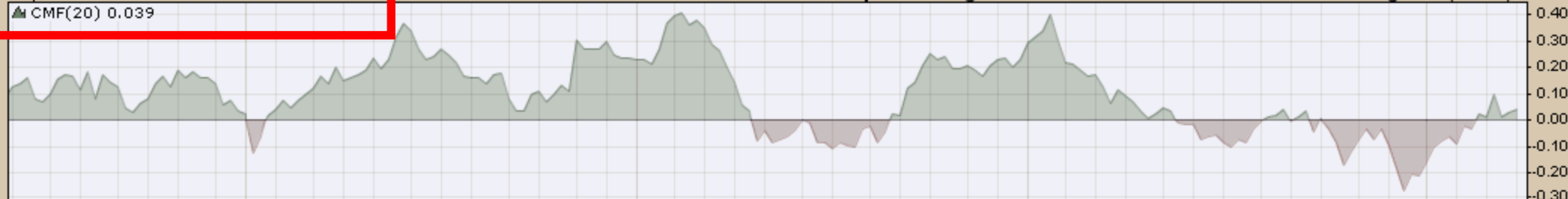
XLF Financial Select Sector SPDR Fund NYSE

5-Apr-2019

▲ CMF(20) 0.039

Open 25.92 High 26.70 Low 25.91 Close 26.60 Volume 247.0M Chg +0.89 (+3.46%) ▲

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XLF (Weekly) 26.60
 BB(20,2.0) 23.19 - 25.42 - 27.64
 PIVOTS 17.55, 20.84, 25.23, 28.52, 32.91
 Volume 246.99M, EMA(50) 293.94M

CHART C1. FINANCIAL SECTOR, WEEKLY CHART

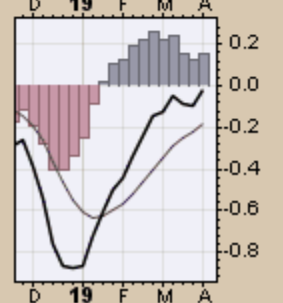
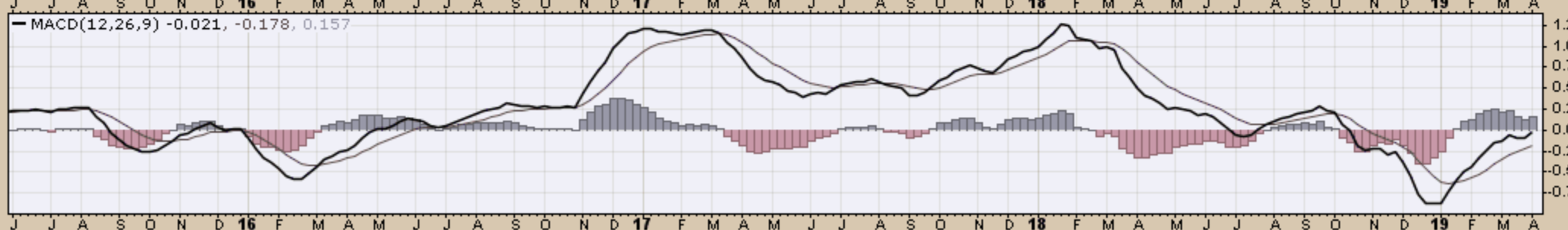
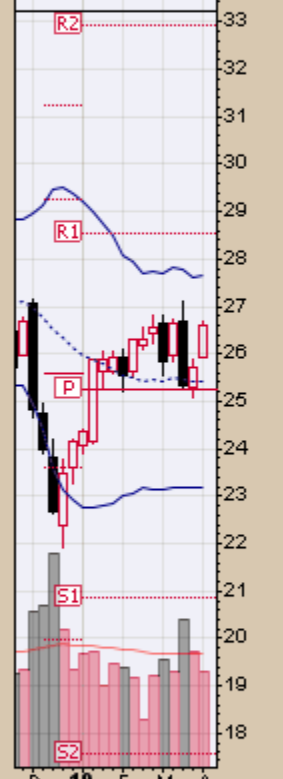
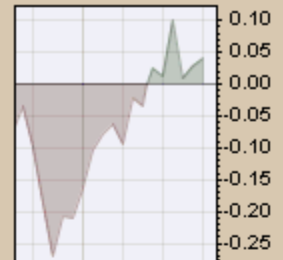
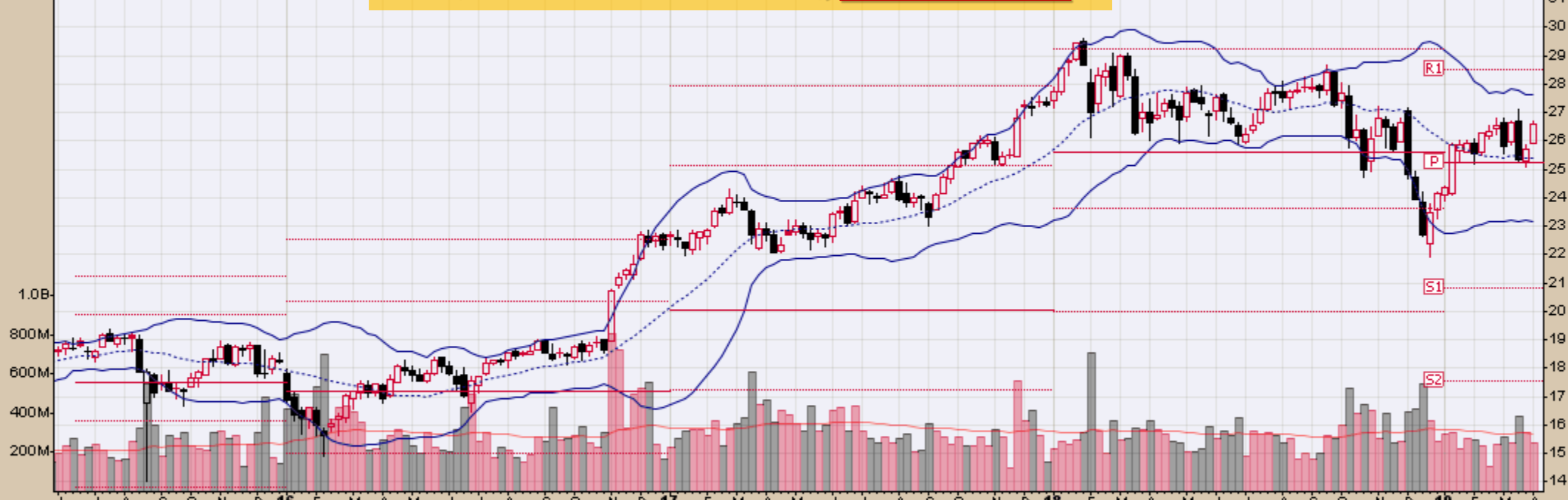


CHART C2. HEALTH CARE SECTOR, WEEKLY CHART

XLV (Weekly) 92.00
BB(20,2,0) 83.85 - 89.68 - 95.51
PIVOTS 68.37, 77.01, 86.14, 94.77, 103.91
Volume 38.96M, EMA(50) 48.32M

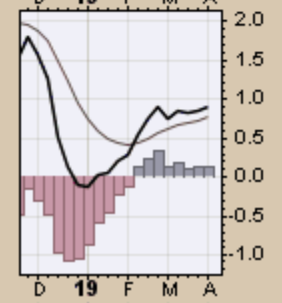
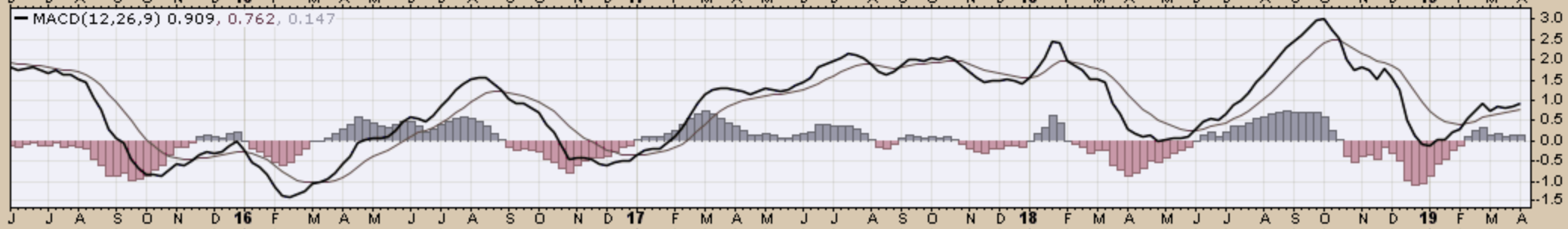
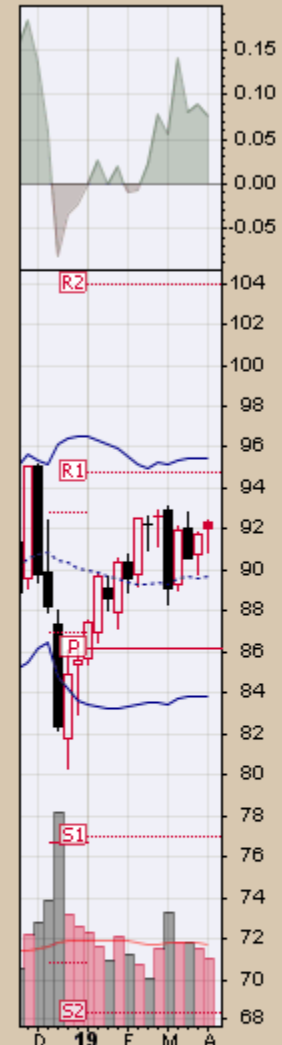


CHART C3. TECHNOLOGY SECTOR, WEEKLY CHART

% XLK (Weekly) 75.92
 — BB(20,2,0) 58.11 - 67.29 - 76.48
 — PIVOTS 46.49, 53.89, 64.79, 72.20, 83.10
 ■ Volume 56.46M, EMA(50) 72.41M

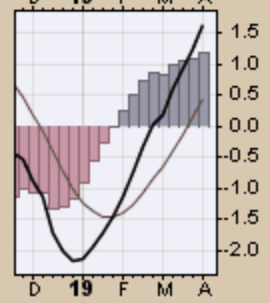
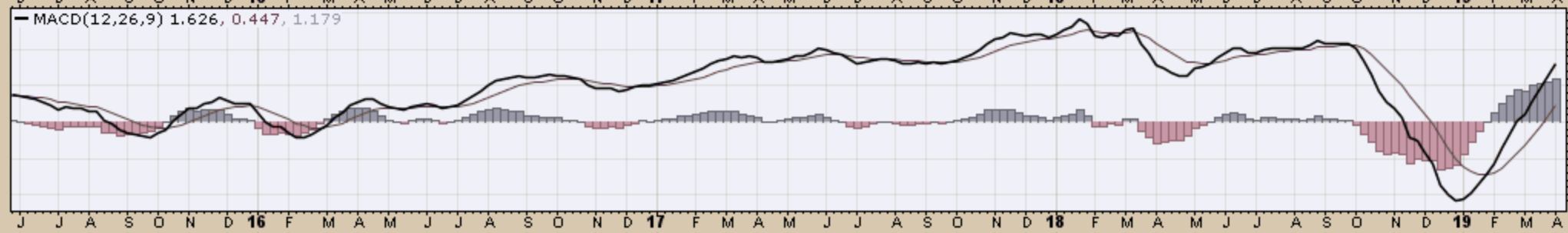
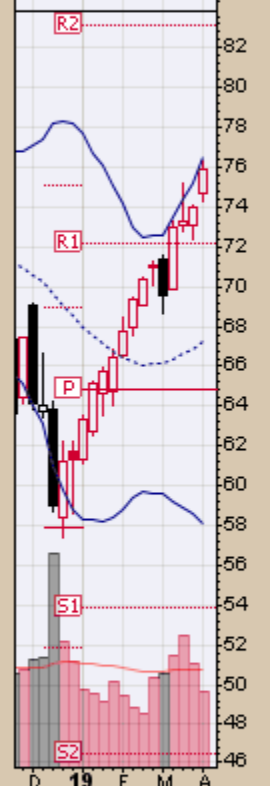
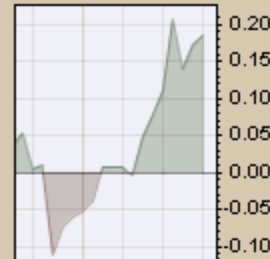
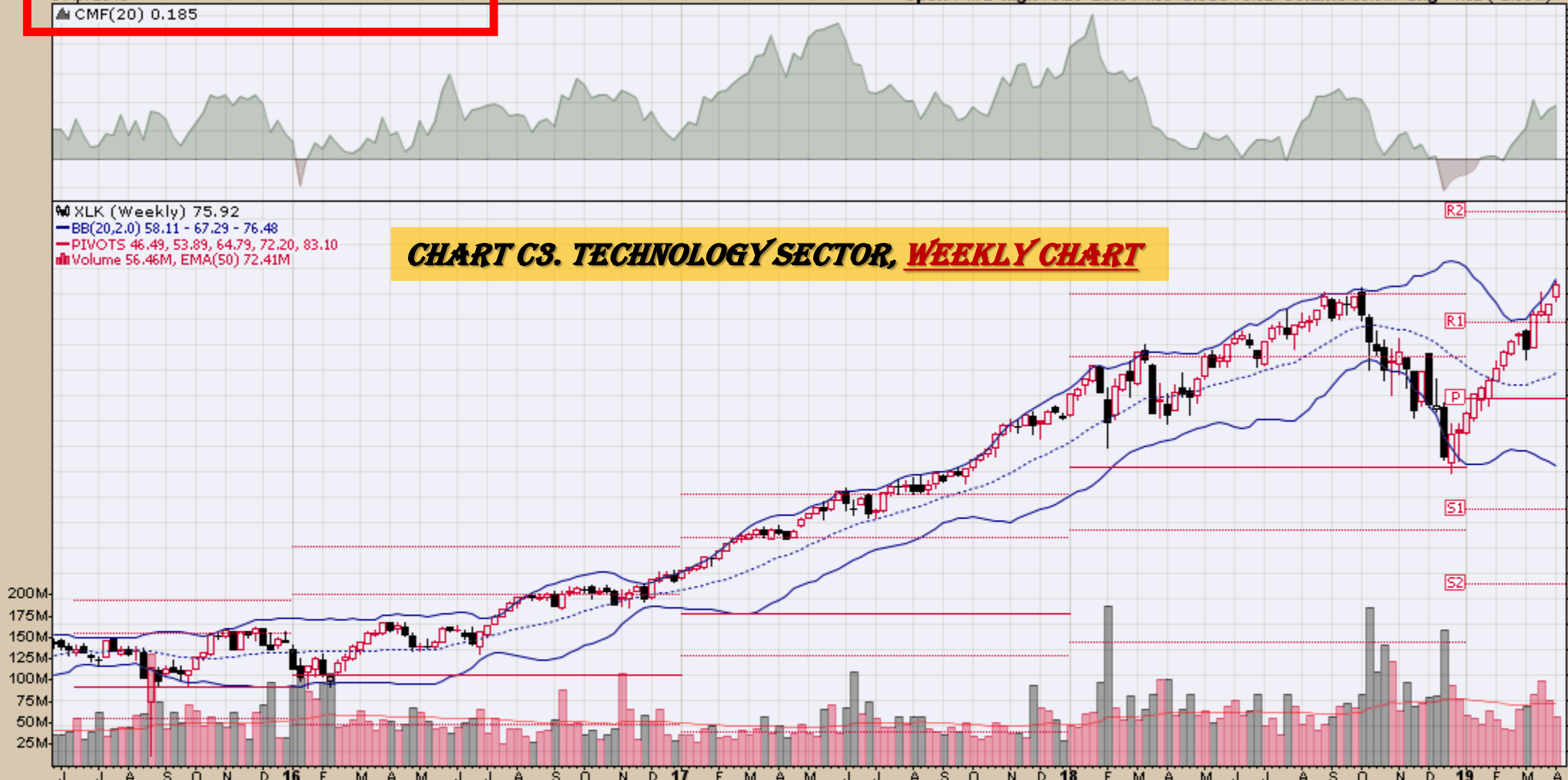
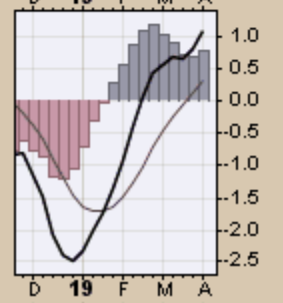
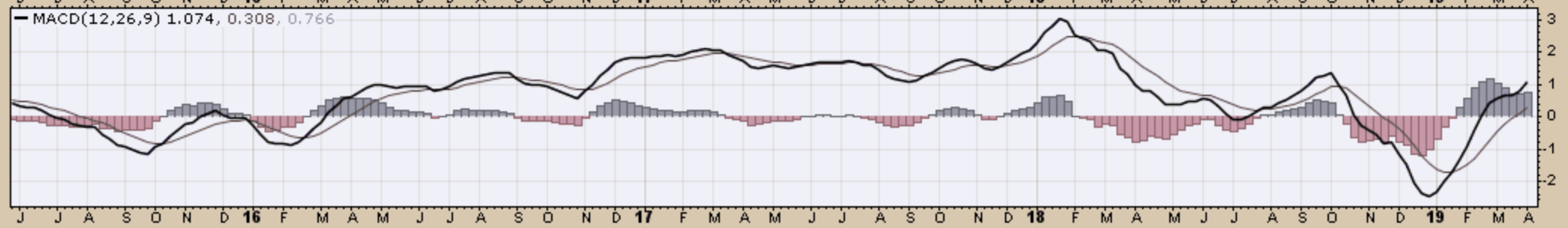
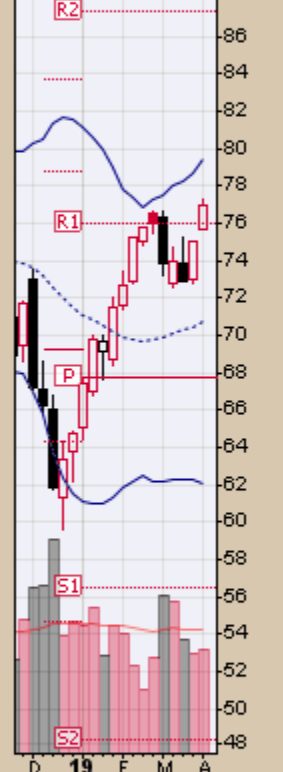
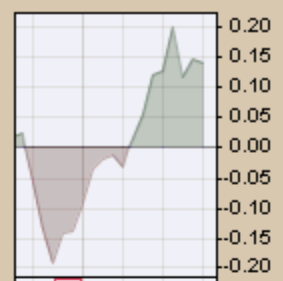
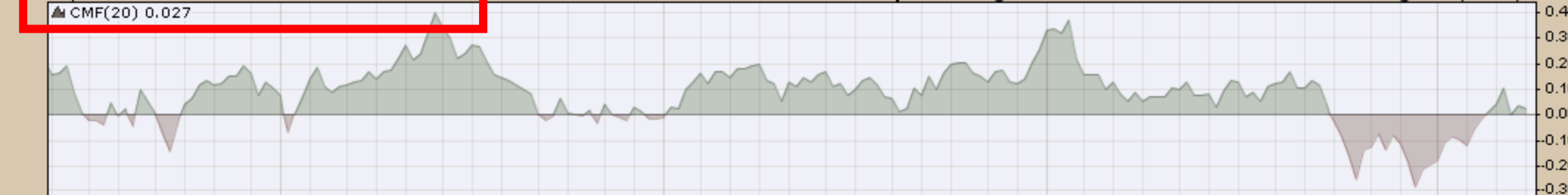


CHART C4. INDUSTRIAL SECTOR, WEEKLY CHART

XLI (Weekly) 77.01
 BB(20,2,0) 62.07 - 70.75 - 79.44
 PIVOTS 48.31, 56.54, 67.81, 76.04, 87.31
 Volume 55.42M, EMA(50) 66.09M





▲ XLB (Weekly) 57.82
 — BB(20,2,0) 48.87 - 53.21 - 57.55
 — PIVOTS 37.72, 44.39, 53.52, 60.19, 69.32
 ■ Volume 40.70M, EMA(50) 37.25M

CHART C5. MATERIALS SECTOR, WEEKLY CHART



— MACD(12,26,9) 0.315, -0.314, 0.628

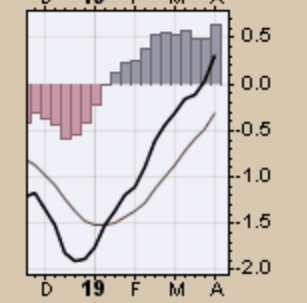
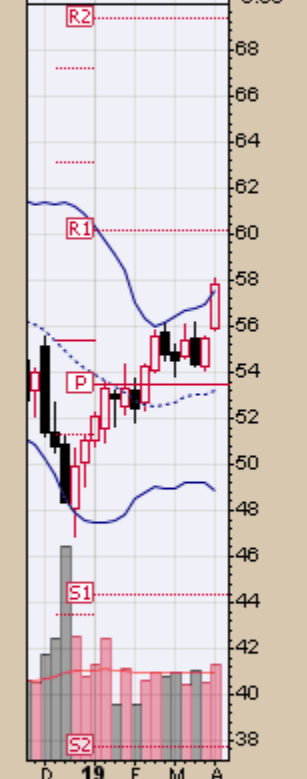
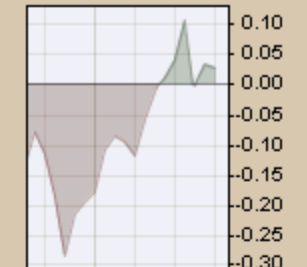
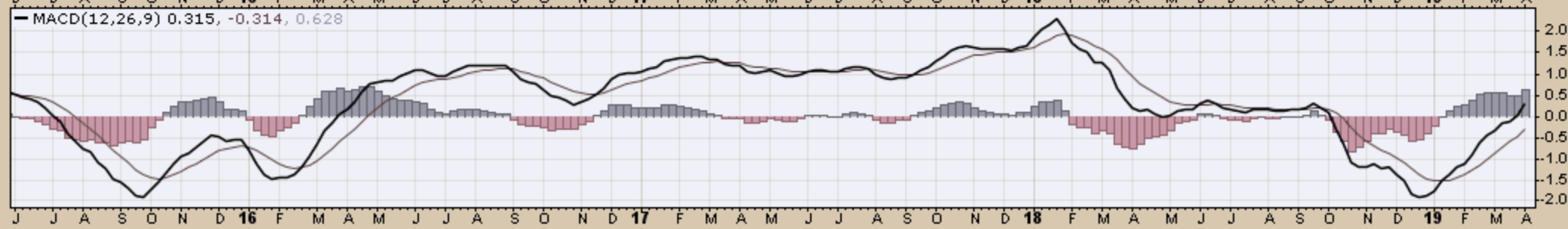


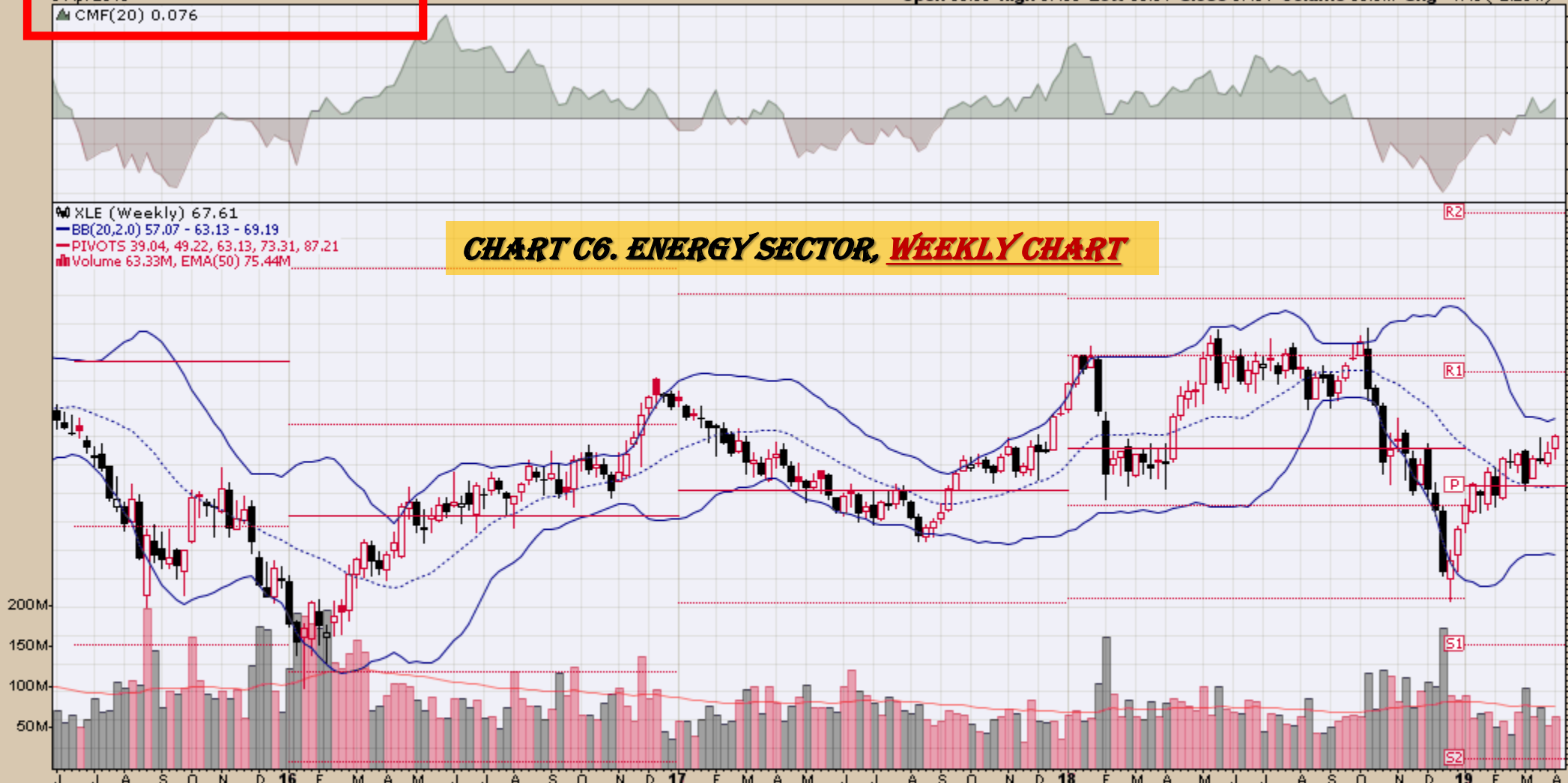
CHART C6. ENERGY SECTOR, WEEKLY CHART

XLE (Weekly) 67.61

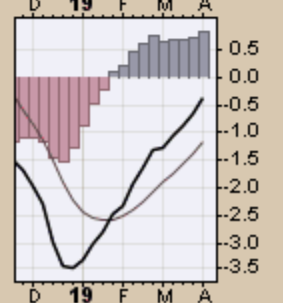
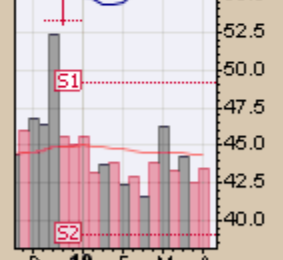
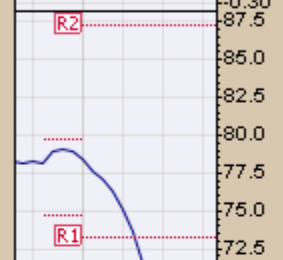
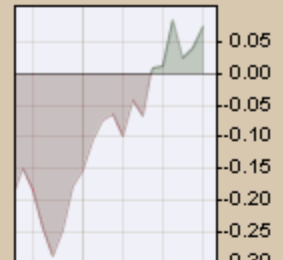
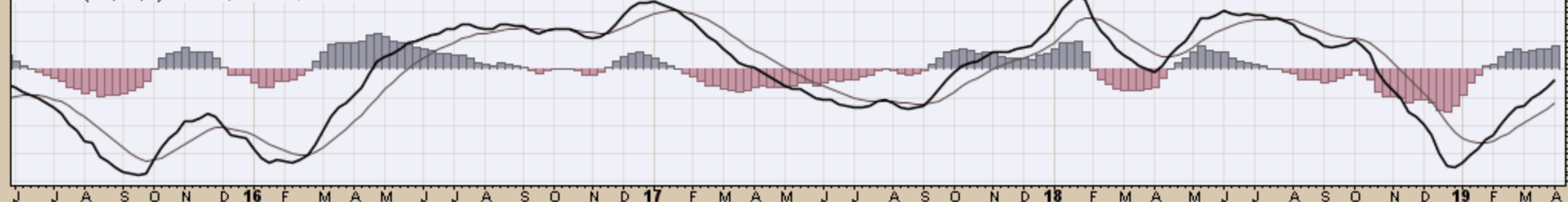
BB(20,2,0) 57.07 - 63.13 - 69.19

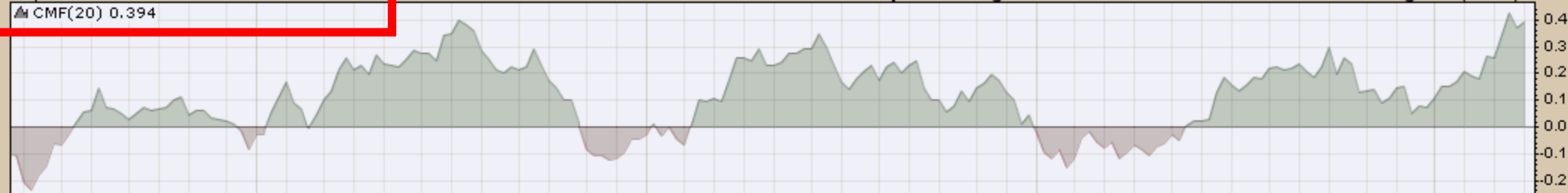
PIVOTS 39.04, 49.22, 63.13, 73.31, 87.21

Volume 63.33M, EMA(50) 75.44M



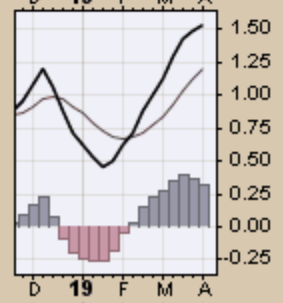
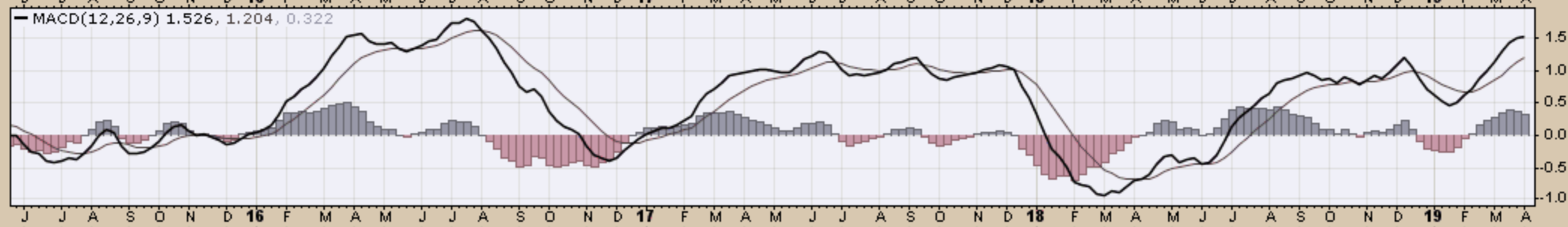
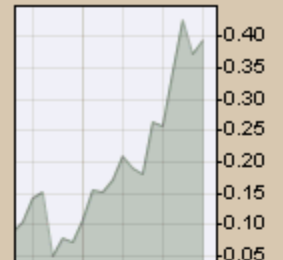
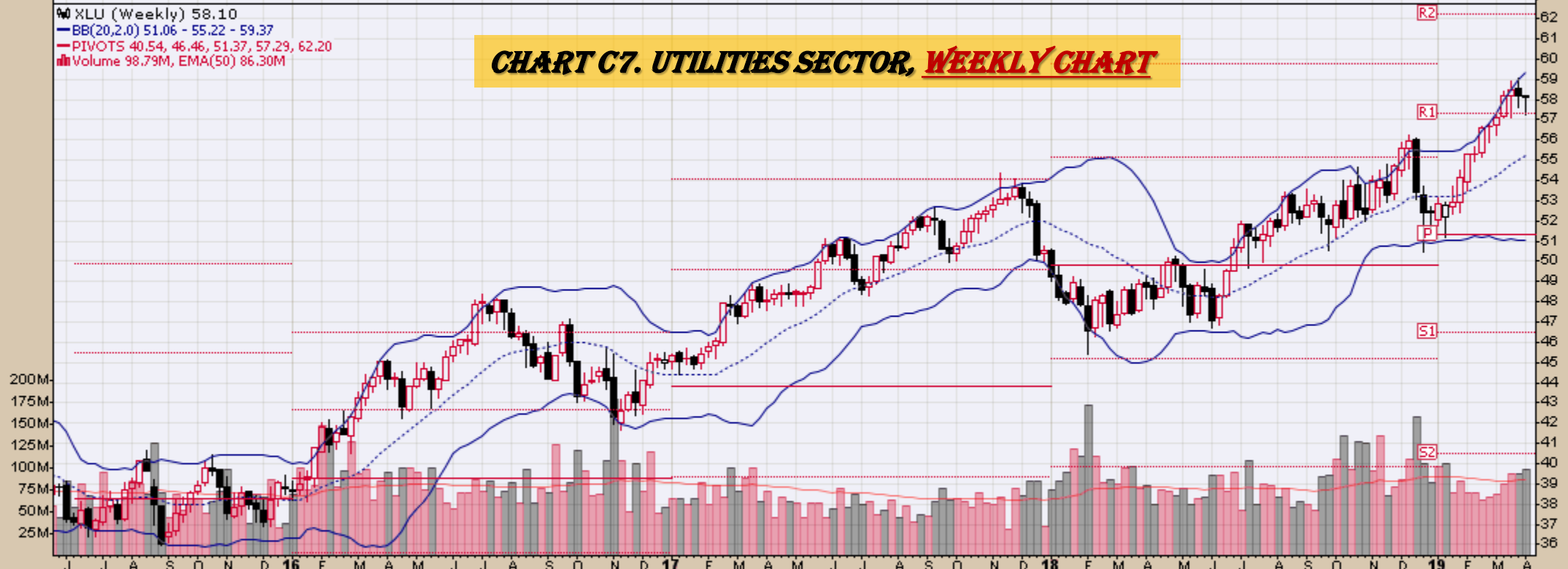
MACD(12,26,9) -0.363, -1.172, 0.810





XLU (Weekly) 58.10
 BB(20,2,0) 51.06 - 55.22 - 59.37
 PIVOTS 40.54, 46.46, 51.37, 57.29, 62.20
 Volume 98.79M, EMA(50) 86.30M

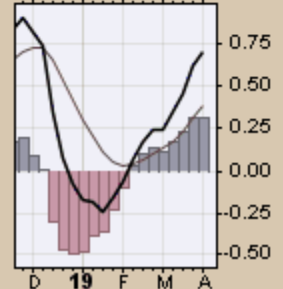
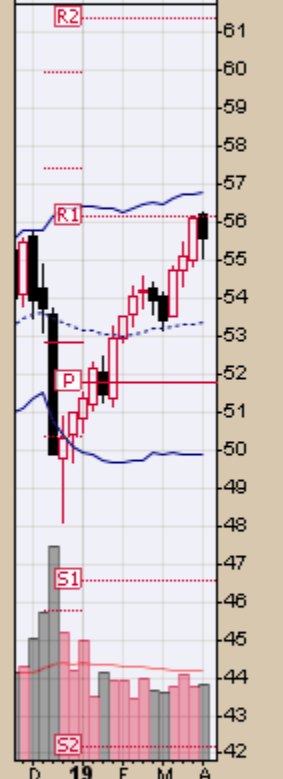
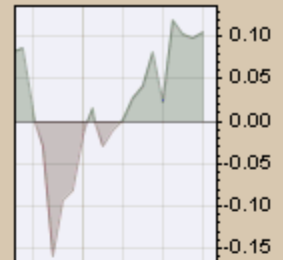
CHART C7. UTILITIES SECTOR, WEEKLY CHART



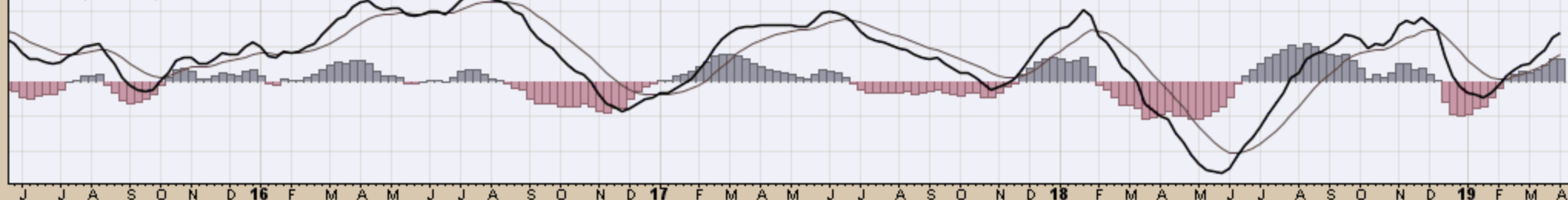
CMF(20) 0.106

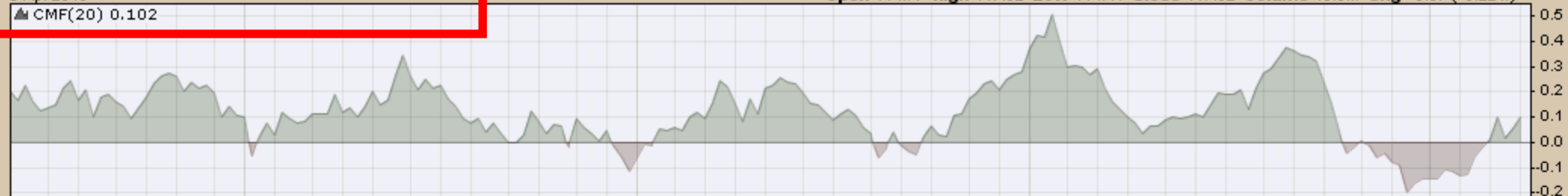
CHART C8. CONSUMER STAPLES SECTOR, WEEKLY CHART

XLP (Weekly) 55.59
BB(20,2,0) 49.86 - 53.33 - 56.80
PIVOTS 42.17, 46.58, 51.75, 56.16, 61.33
Volume 66.10M, EMA(50) 77.19M



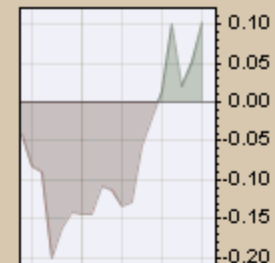
MACD(12,26,9) 0.700, 0.389, 0.311



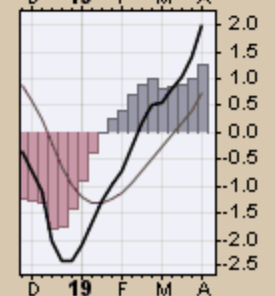
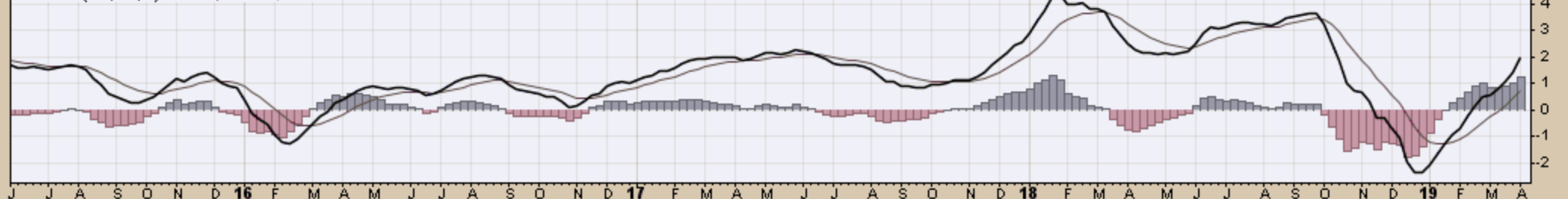


XLY (Weekly) 117.52
 BB(20,2,0) 95.22 - 106.40 - 117.58
 PIVOTS 77.21, 88.85, 103.06, 114.70, 128.91
 Volume 18.84M, EMA(50) 29.51M

CHART C9. CONSUMER DISCRETIONARY SECTOR, WEEKLY CHART



MACD(12,26,9) 1.982, 0.732, 1.250



Commodity ETFs

Commodity ETFs Book Index

Market Outlook Considerations for Week Beginning November 26, 2018

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 November 26, 2018

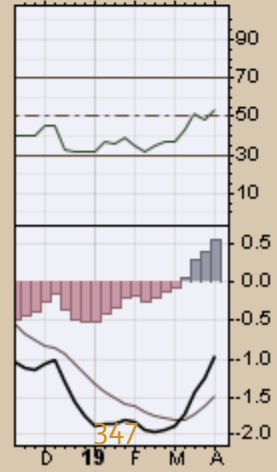
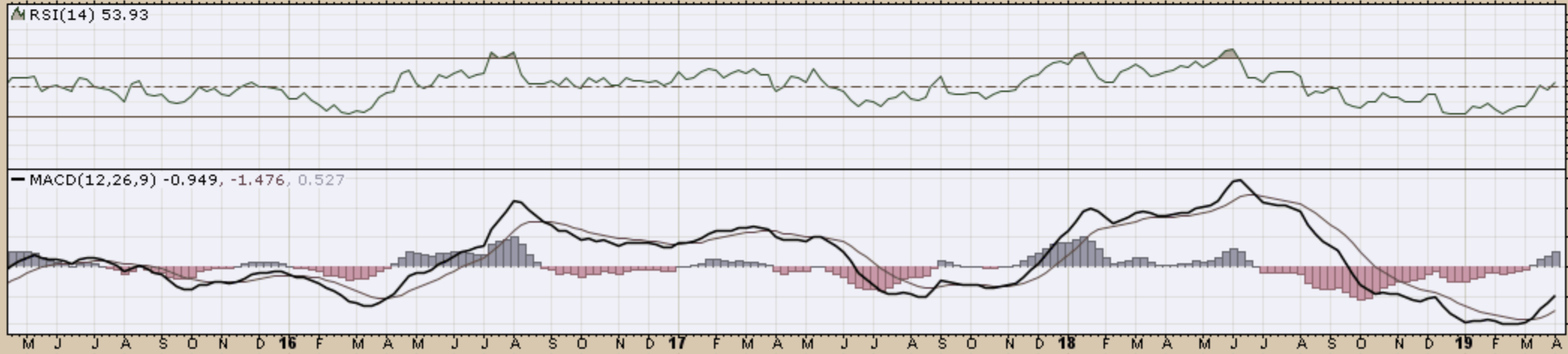
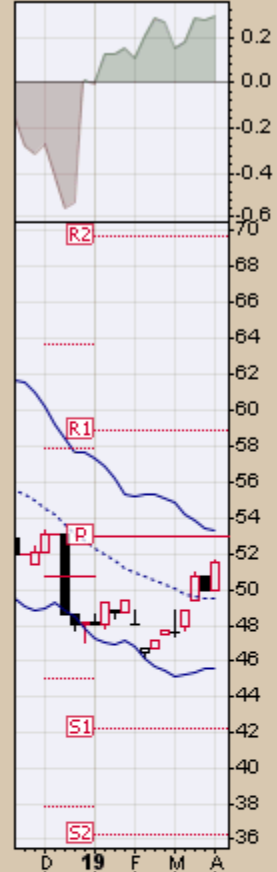
Chart Book Index – Commodity ETFs

- 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

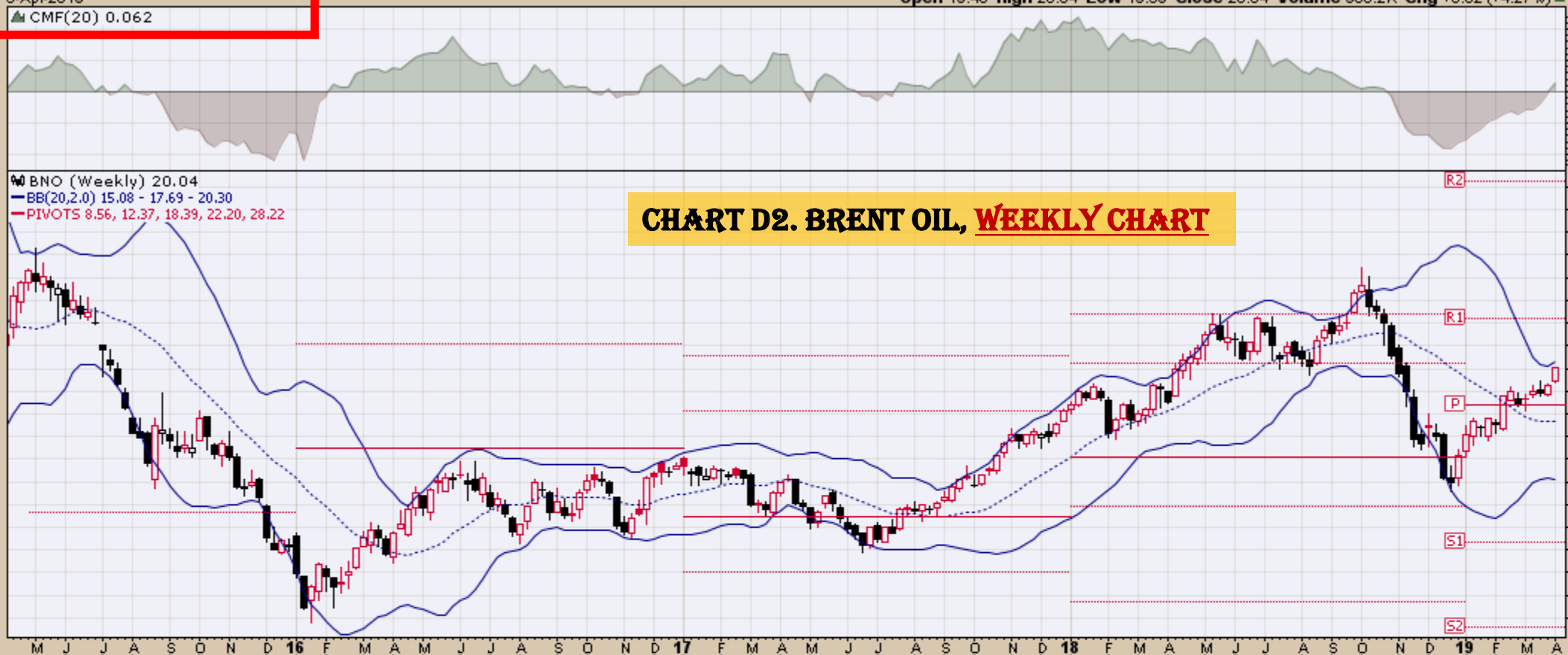
CHART D1. COTTON, WEEKLY CHART

BALTF (Weekly) 51.55
BB(20,2,0) 45.60 - 49.45 - 53.30
PIVOTS 36.31, 42.26, 52.96, 58.91, 69.61



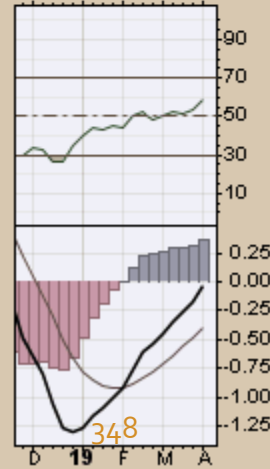
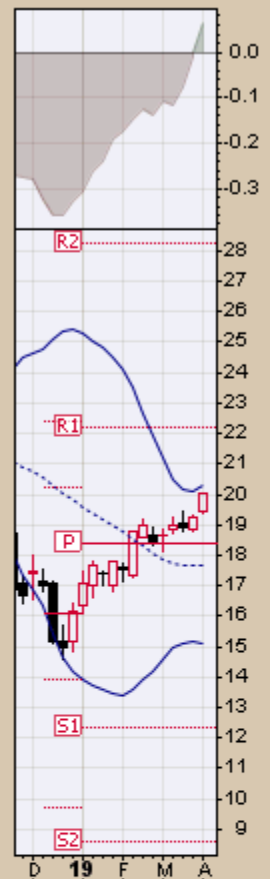
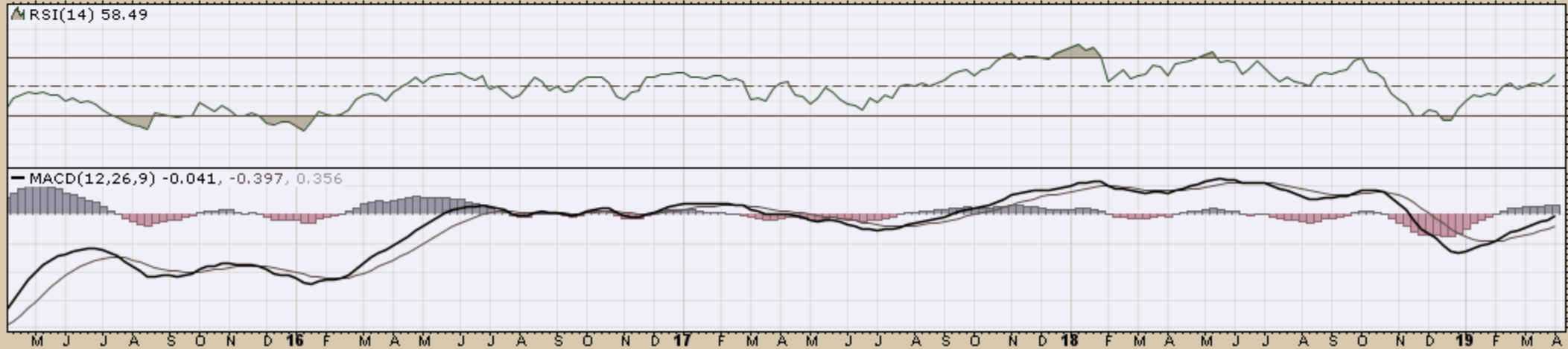
▲ BNO (Weekly) 20.04
— BB(20,2,0) 15.08 - 17.69 - 20.30
— PIVOTS 8.56, 12.37, 18.39, 22.20, 28.22

CHART D2. BRENT OIL, WEEKLY CHART



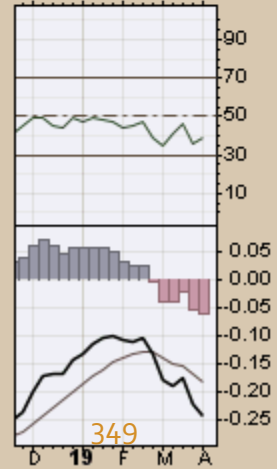
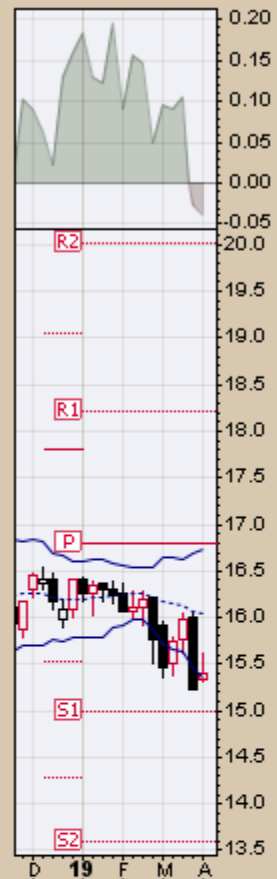
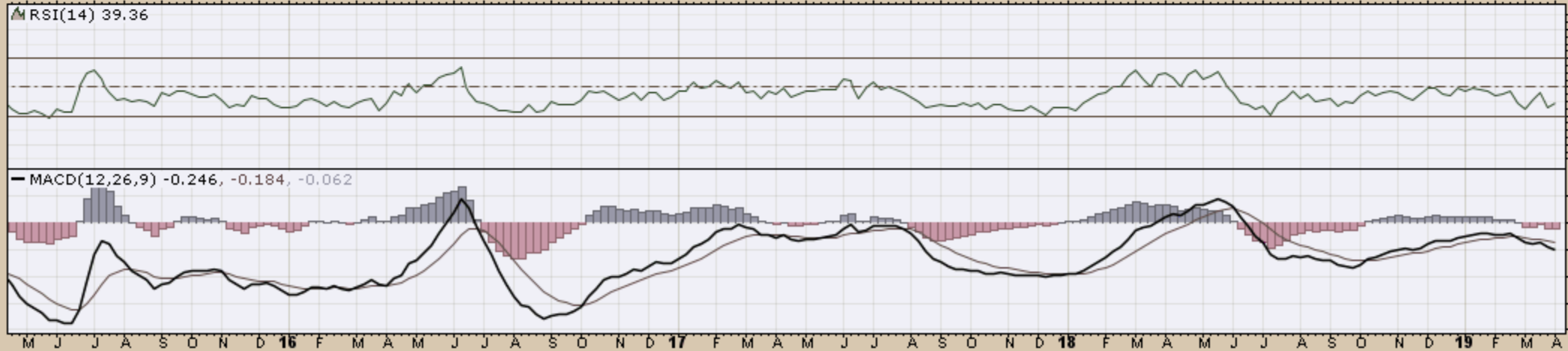
▲ RSI(14) 58.49

— MACD(12,26,9) -0.041, -0.397, 0.356



▲ CORN (Weekly) 15.40
— BB(20,2,0) 15.36 - 16.04 - 16.72
— PIVOTS 13.59, 14.99, 16.80, 18.20, 20.01

CHART D3. CORN, WEEKLY CHART



5-Apr-2019

Open 24.38 High 25.31 Low 24.38 Close 25.31 Volume 601 Chg +1.35 (+5.63%) ▲

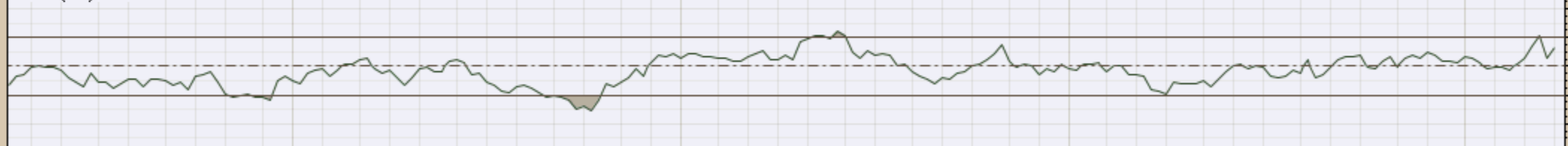
▲ CMF(20) 0.243

▲ COWTF (Weekly) 25.31
— BB(20,2,0) 21.75 - 23.38 - 25.00
— PIVOTS 17.67, 20.26, 22.21, 24.80, 26.75

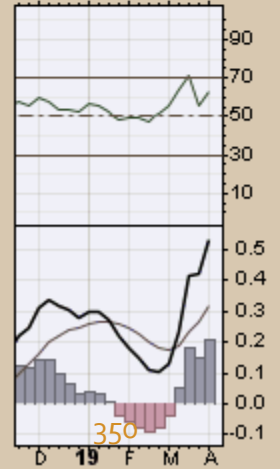
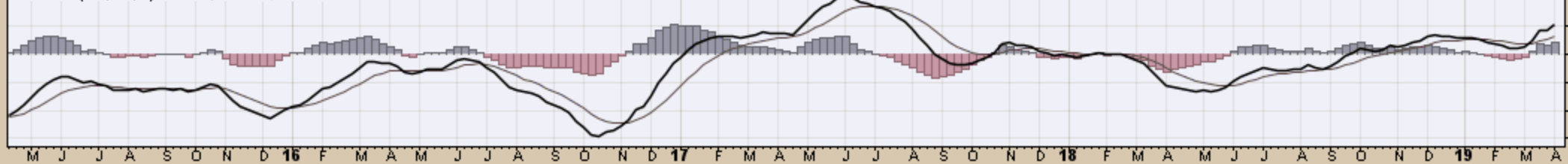
CHART D4. LIVESTOCK, WEEKLY CHART



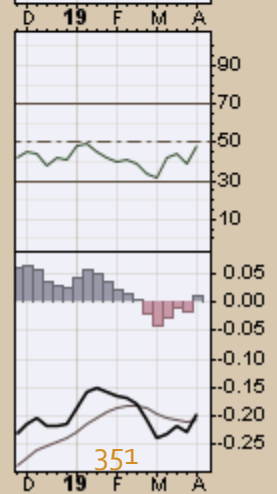
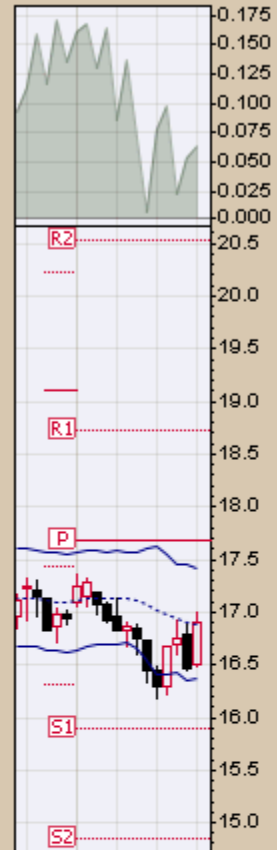
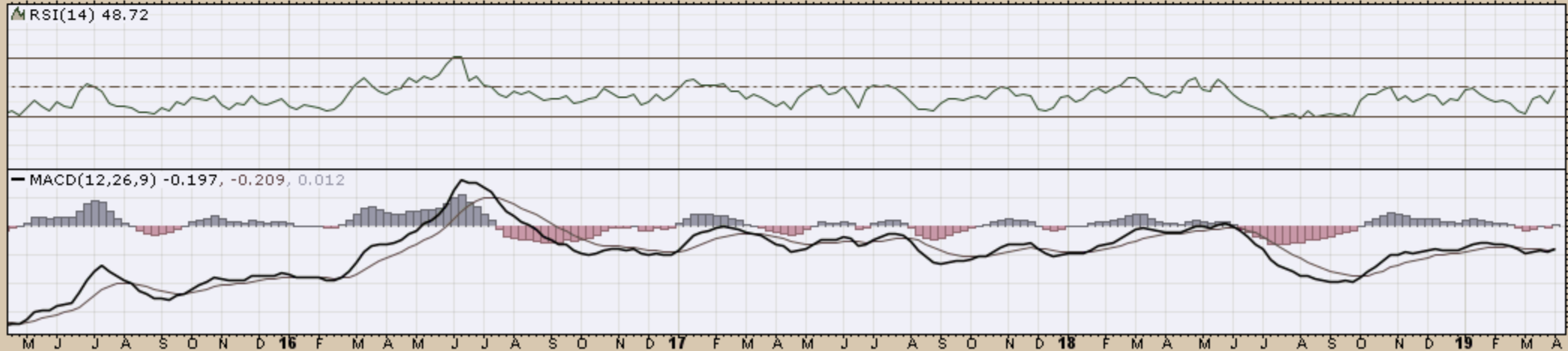
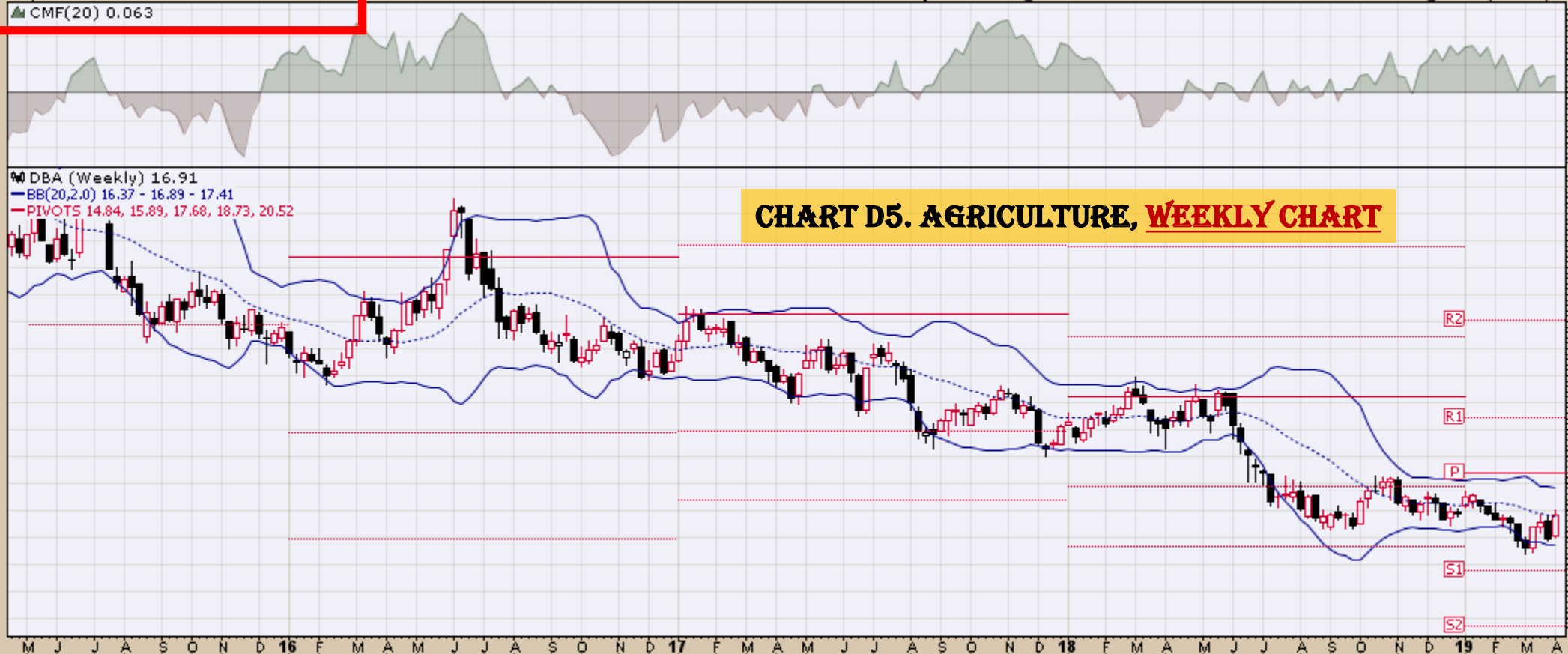
▲ RSI(14) 63.29

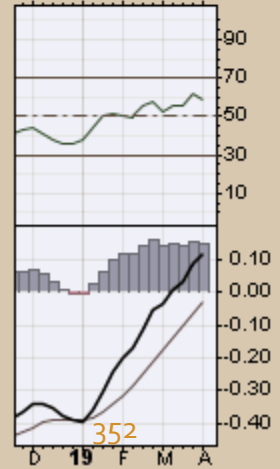
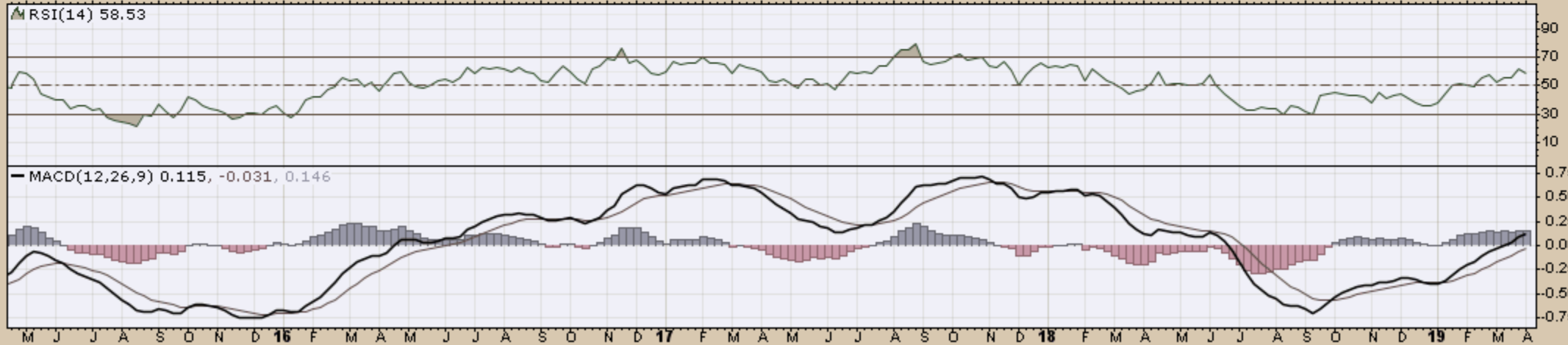
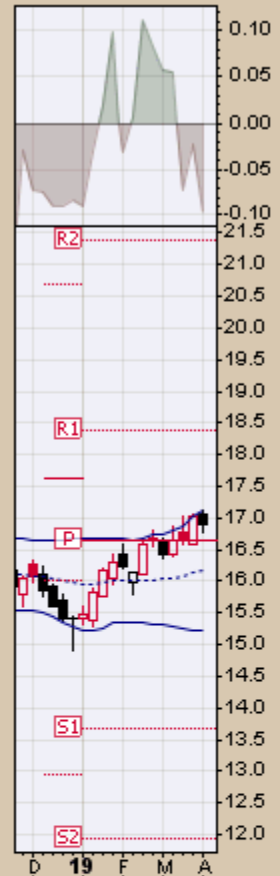
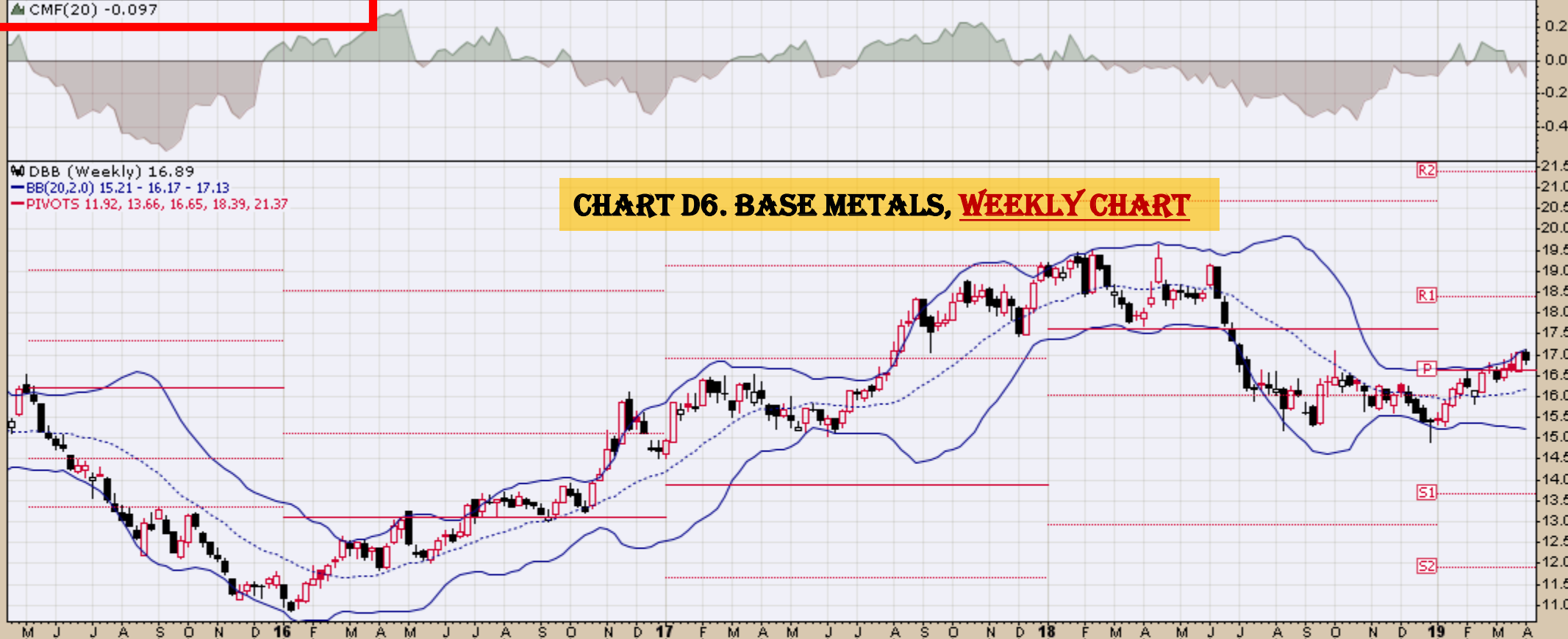


— MACD(12,26,9) 0.529, 0.321, 0.208



350



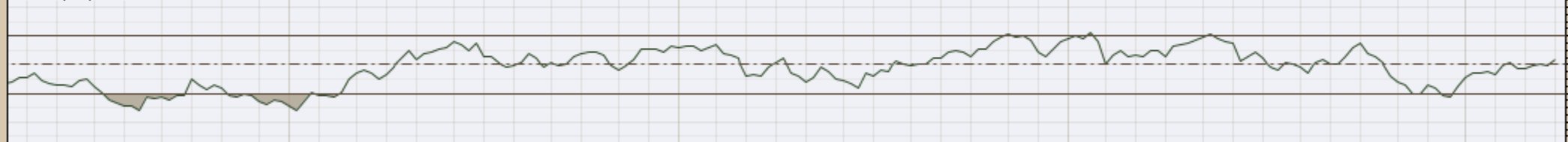


DBC (Weekly) 16.17
BB(20,2,0) 14.54 - 15.49 - 16.44
PIVOTS 11.77, 13.31, 15.86, 17.40, 19.95

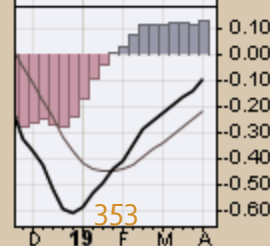
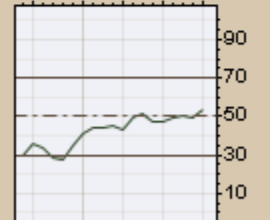
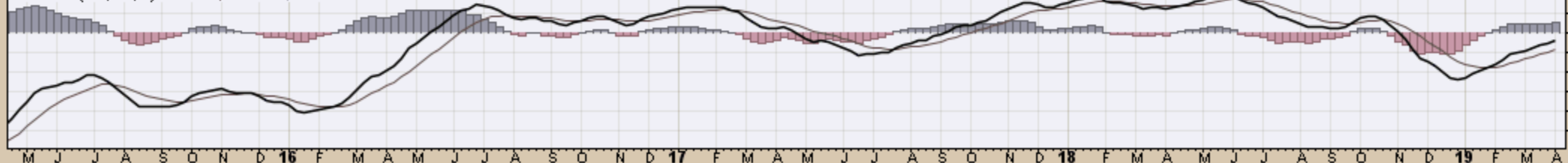
CHART D7. COMMODITY INDEX, WEEKLY CHART



▲ RSI(14) 53.70



MACD(12,26,9) -0.096, -0.219, 0.123



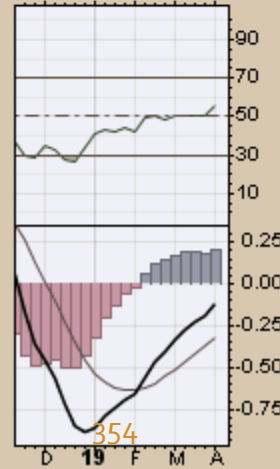
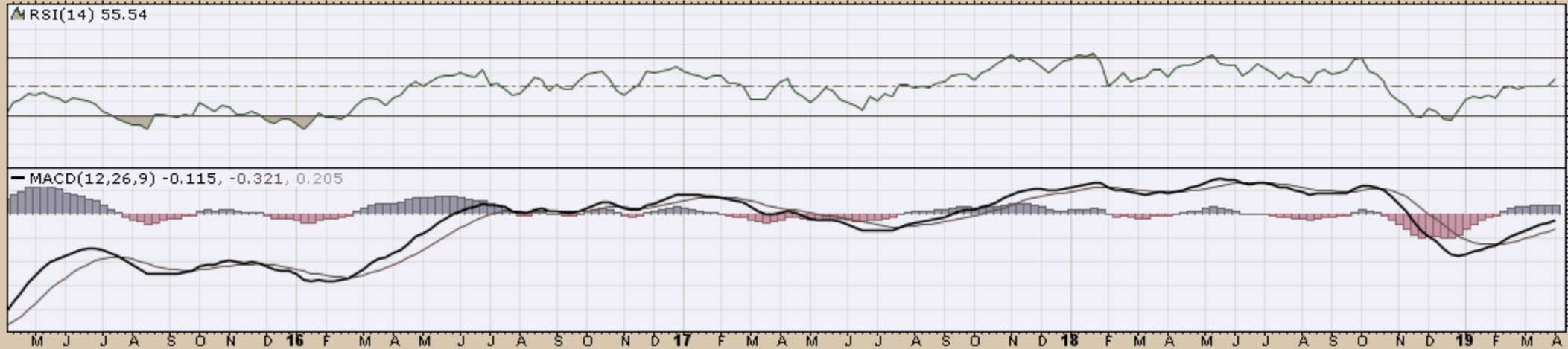
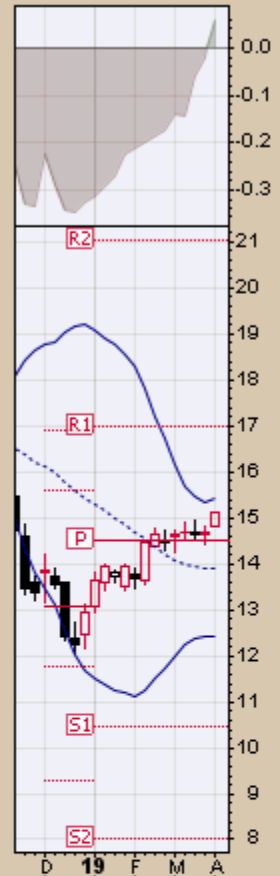
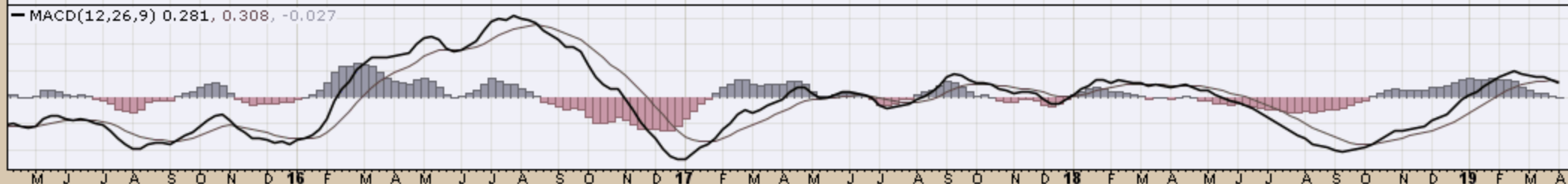
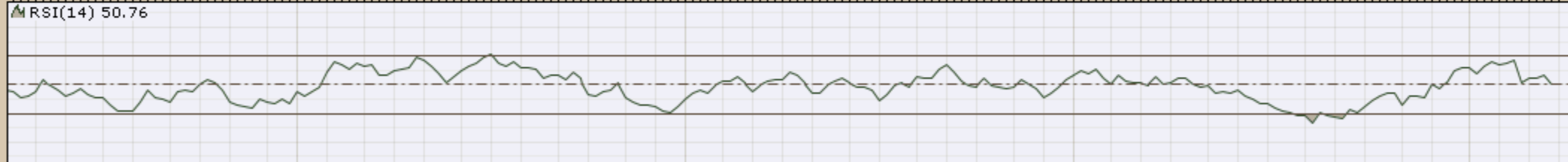


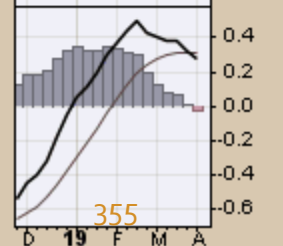
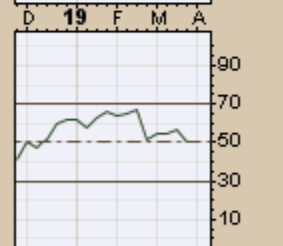
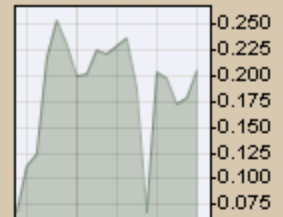


CHART D9. PRECIOUS METALS, WEEKLY CHART

M J 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 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



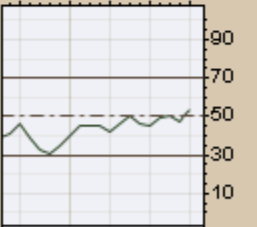
D 19 F M A

CHART D10. COMMODITY INDEX

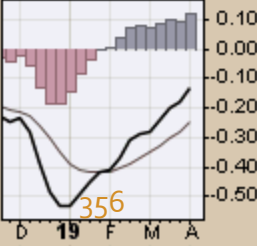
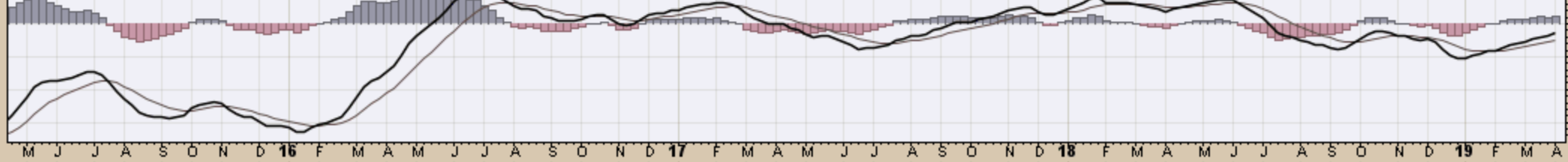
DJP (Weekly) 23.09
BB(20,2.0) 21.57 - 22.51 - 23.46
PIVOTS 17.20, 19.45, 22.62, 24.87, 28.04

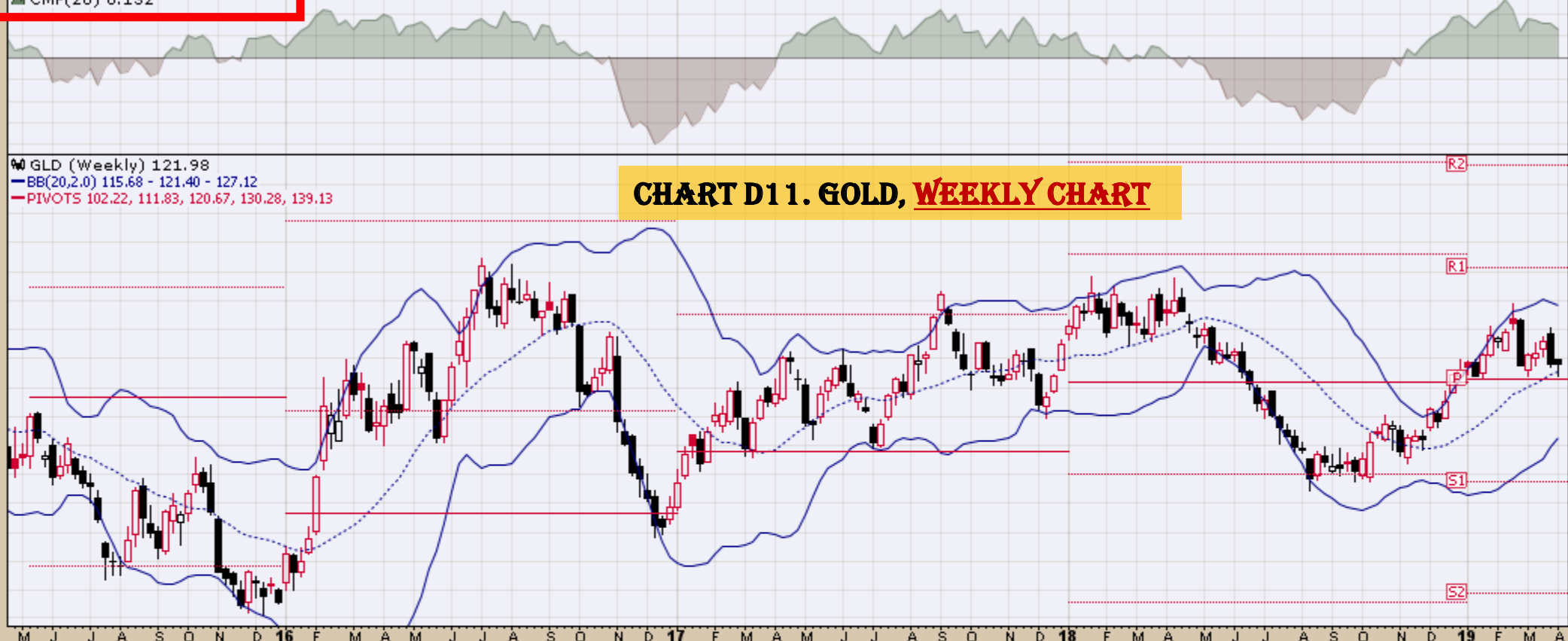


▲ RSI(14) 53.17



MACD(12,26,9) -0.130, -0.247, 0.117





▲ RSI(14) 53.60

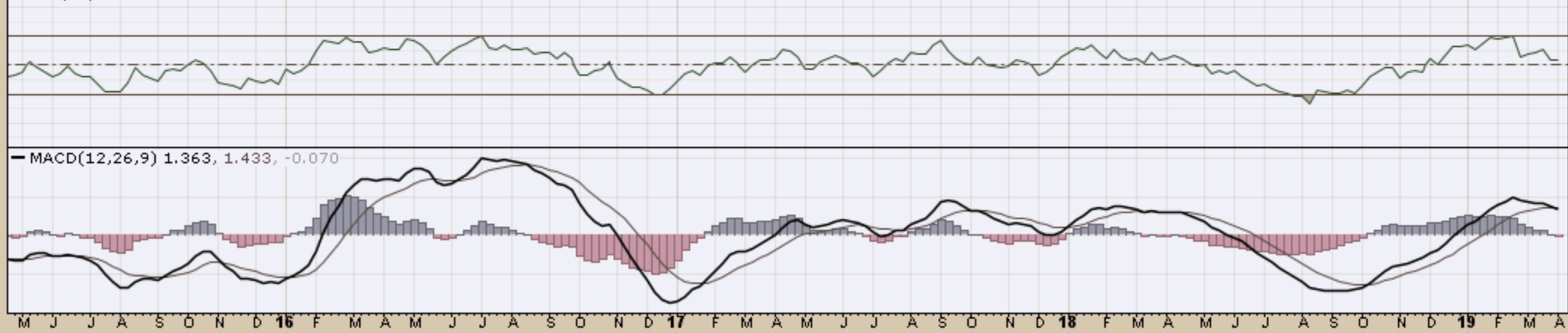
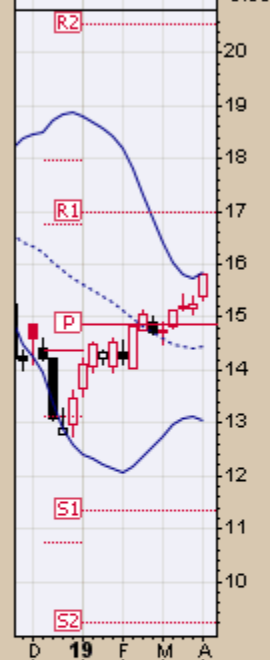
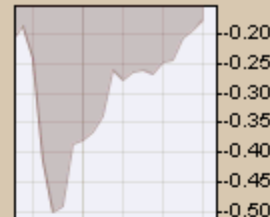
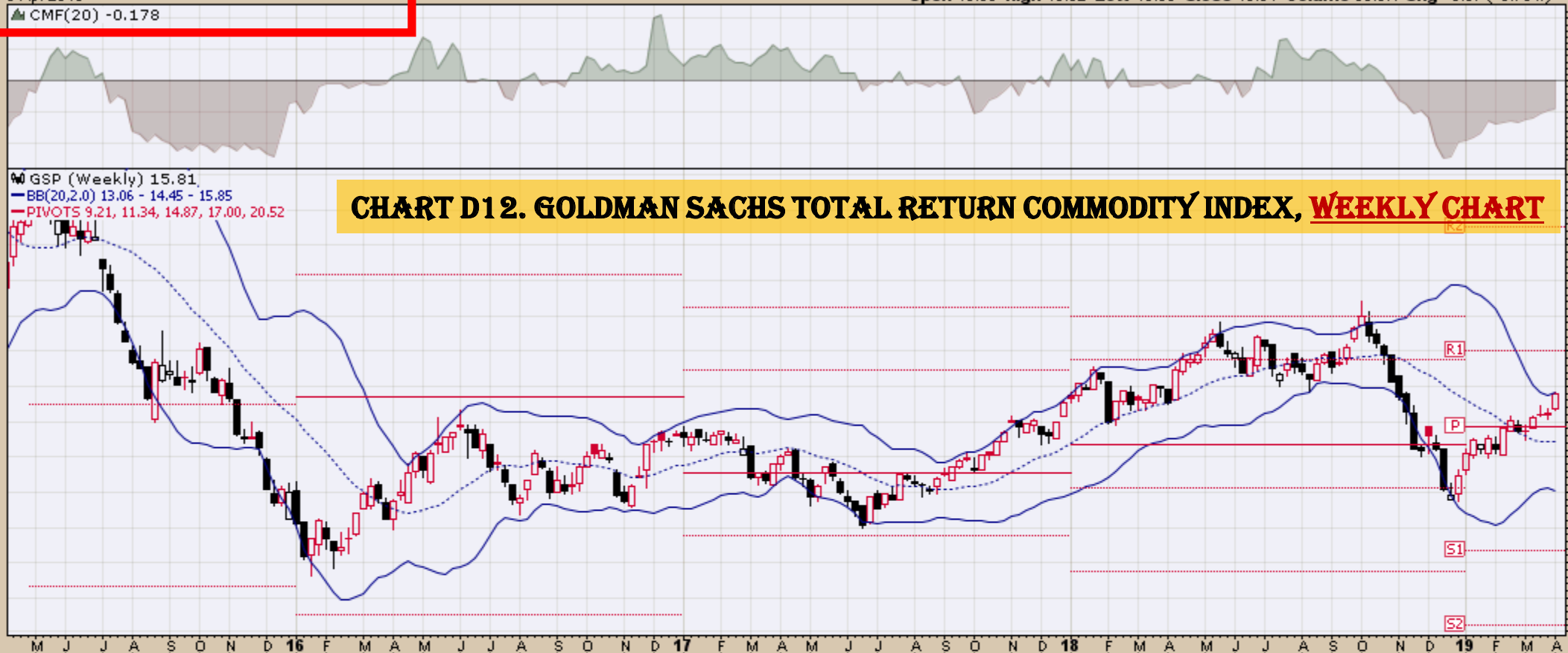
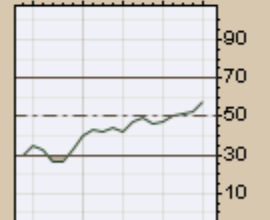
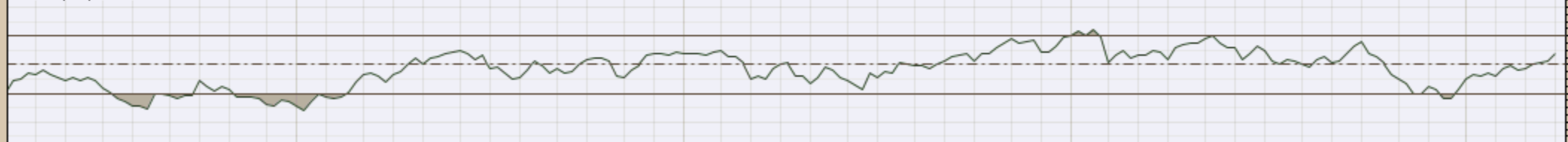


CHART D12. GOLDMAN SACHS TOTAL RETURN COMMODITY INDEX, WEEKLY CHART

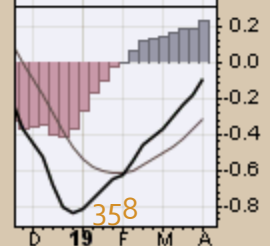
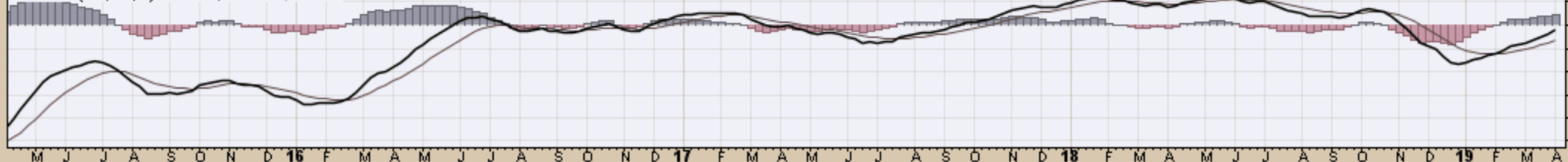
▲ GSP (Weekly) 15.81
— BB(20,2,0) 13.06 - 14.45 - 15.85
— PIVOTS 9.21, 11.34, 14.87, 17.00, 20.52

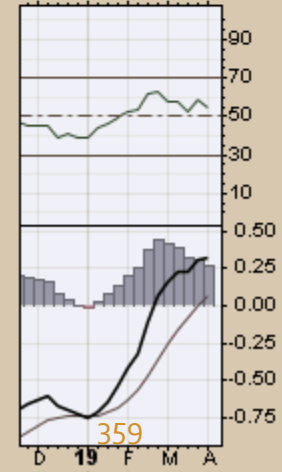
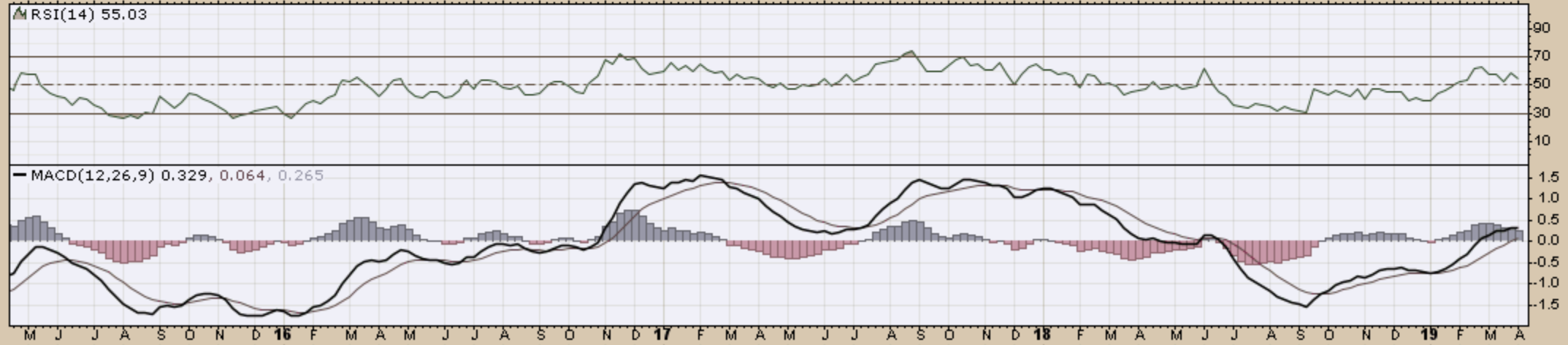
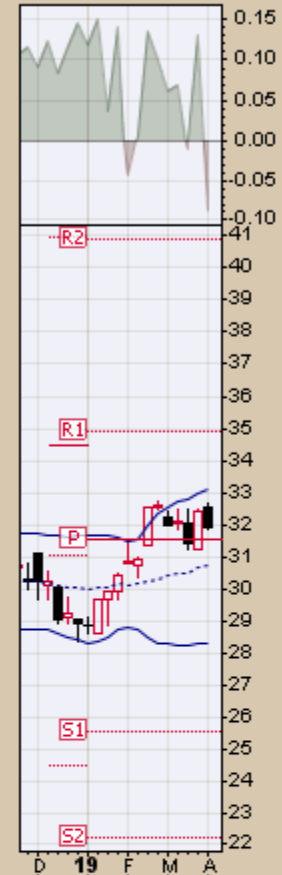
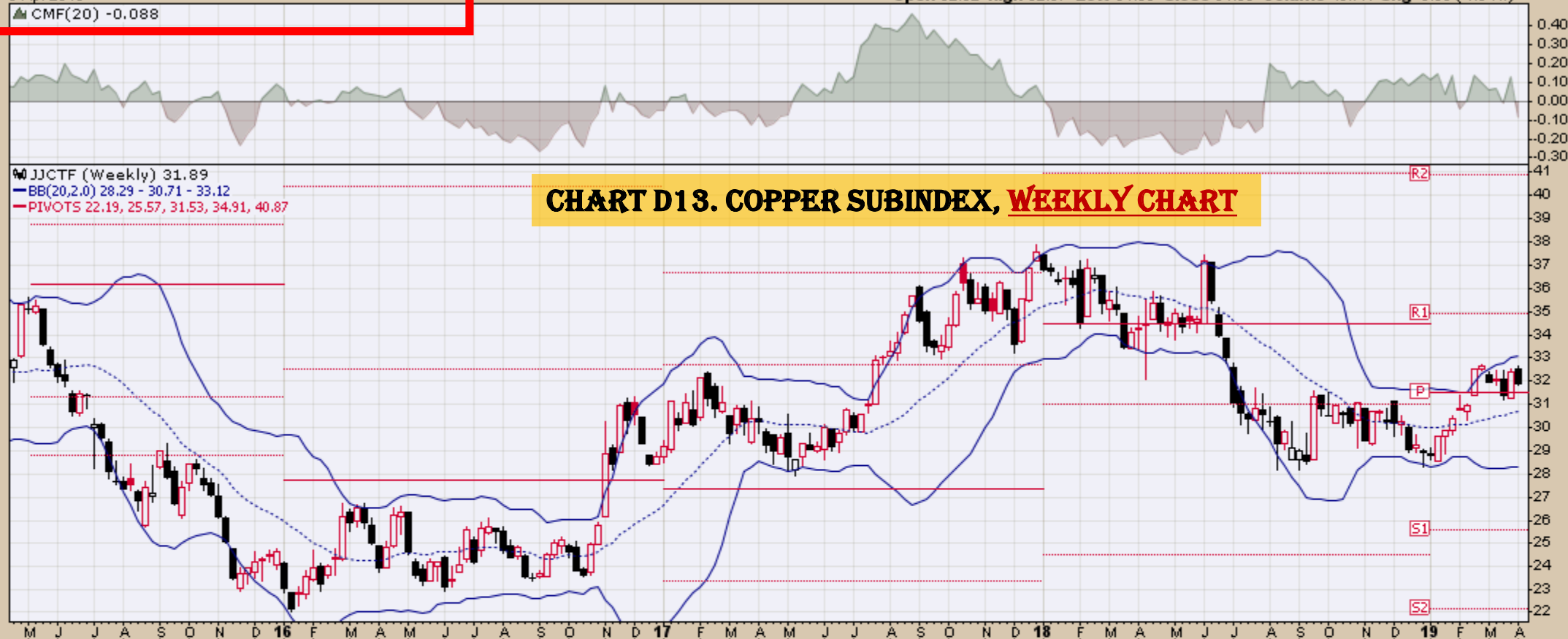


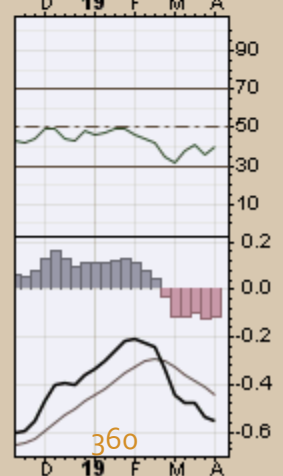
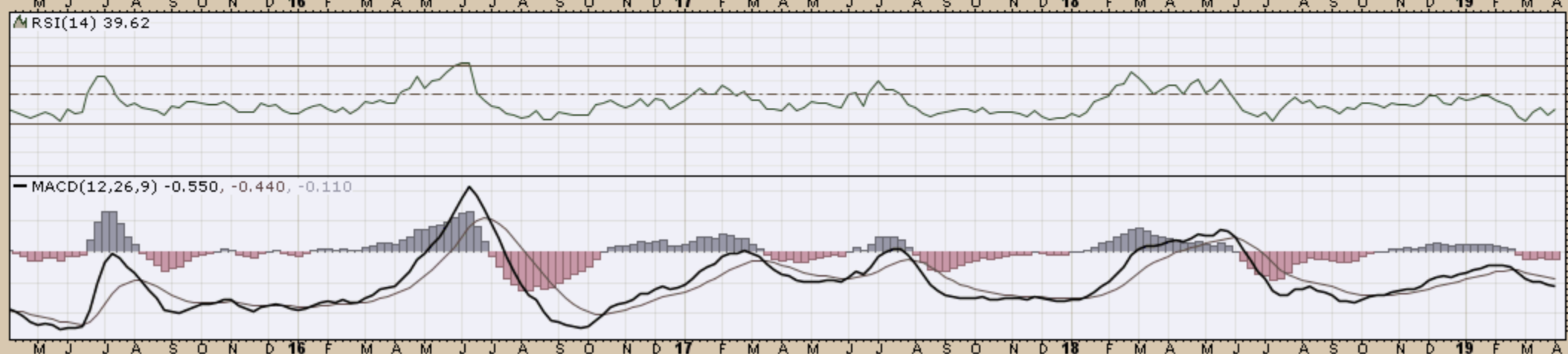
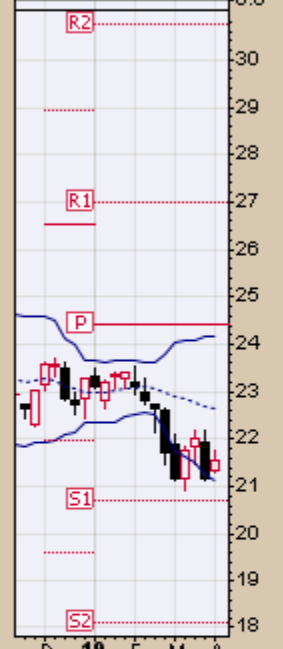
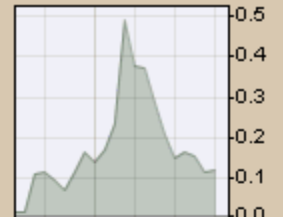
▲ RSI(14) 57.83



— MACD(12,26,9) -0.097, -0.319, 0.222



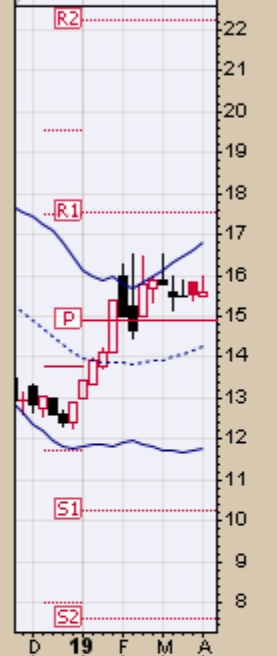
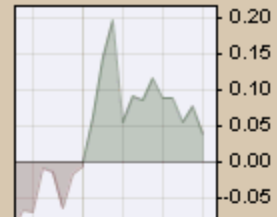






▲ JJNTF (Weekly) 15.60
 — BB(20,2,0) 11.79 - 14.29 - 16.79
 — PIVOTS 7.59, 10.25, 14.90, 17.56, 22.21

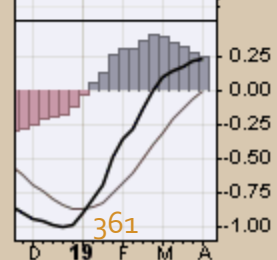
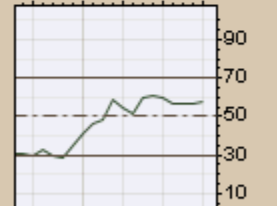
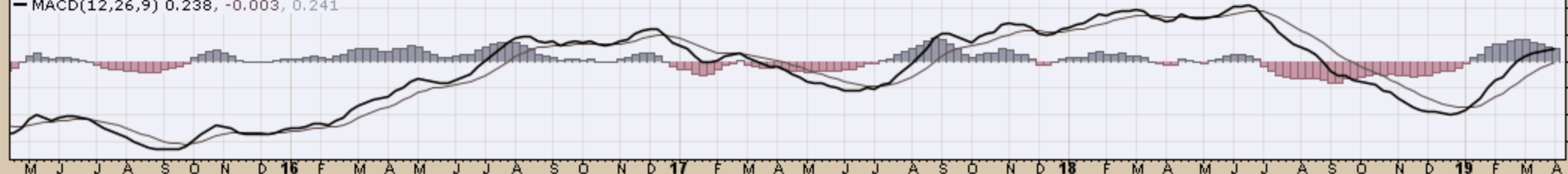
CHART D15. NICKEL, WEEKLY CHART

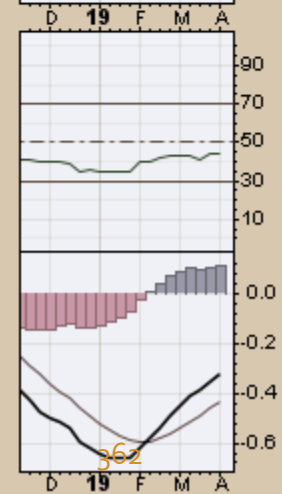
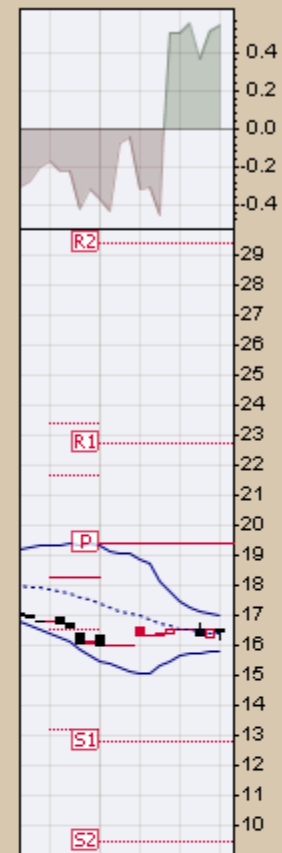
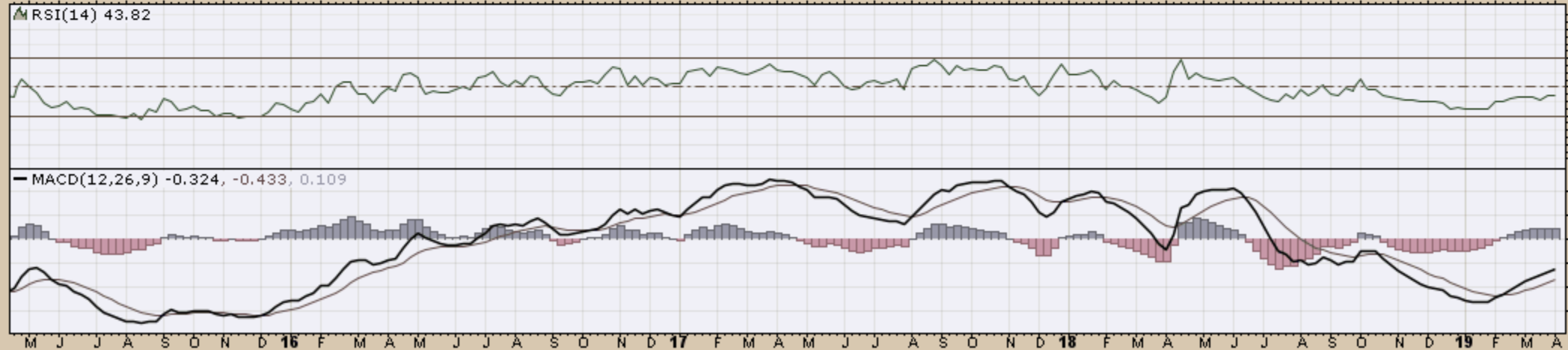
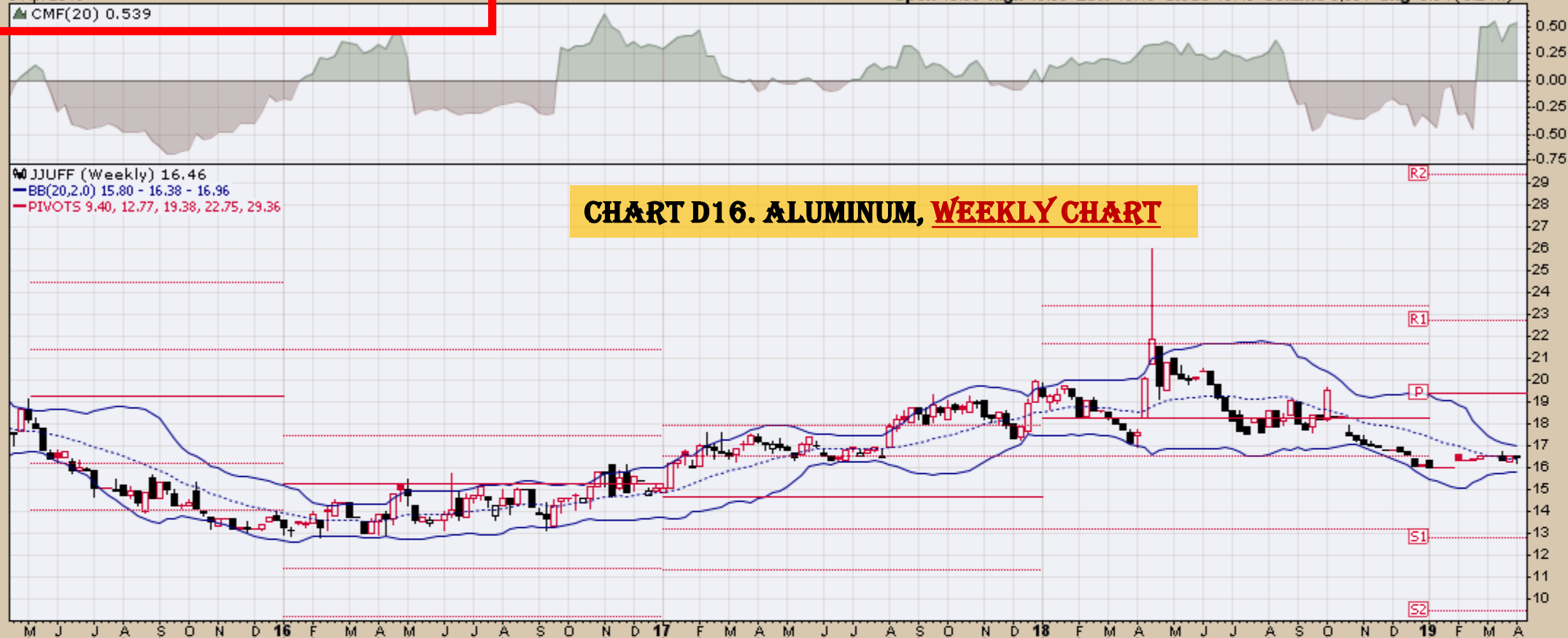


▲ RSI(14) 57.41



— MACD(12,26,9) 0.238, -0.003, 0.241

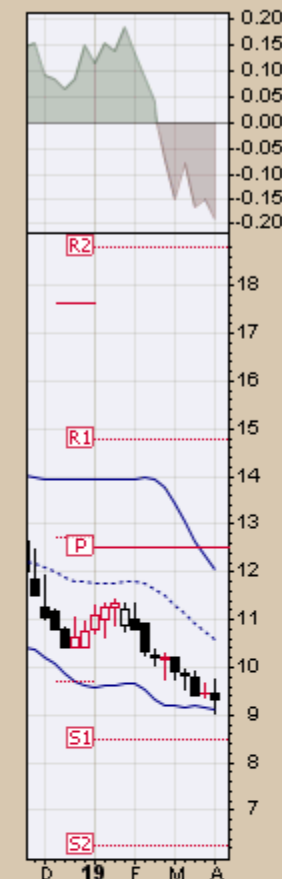




▲ CMF(20) -0.189

▲ JJOFF (Weekly) 9.33
— BB(20,2,0) 9.12 - 10.58 - 12.04
— PIVOTS 6.24, 8.50, 12.52, 14.77, 18.79

CHART D17. COFFEE, WEEKLY CHART



▲ RSI(14) 27.33

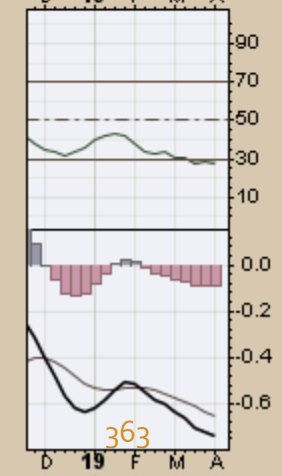
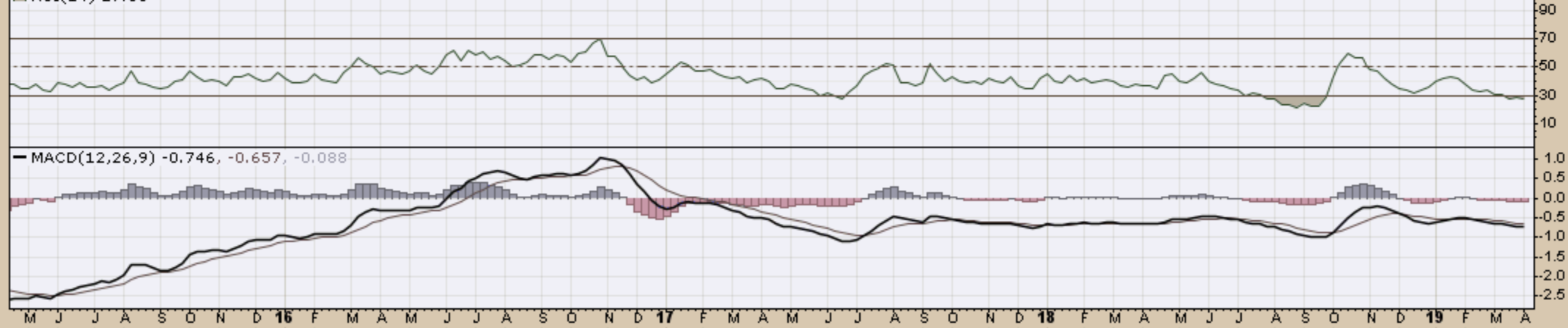
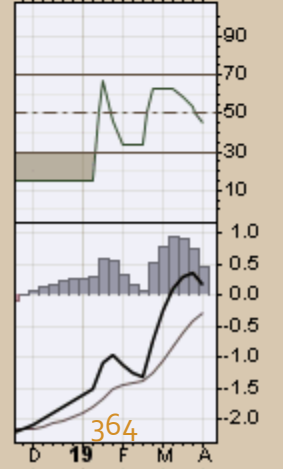
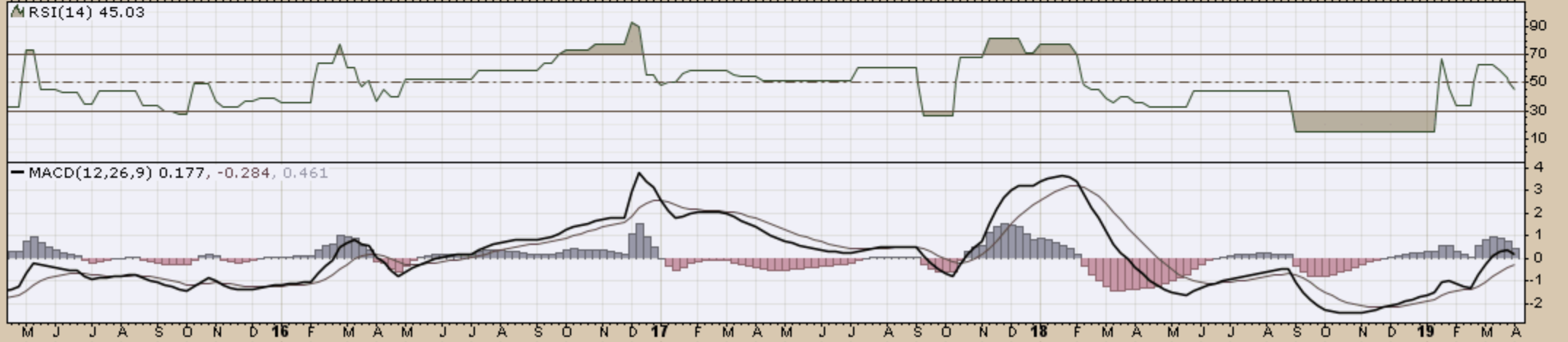
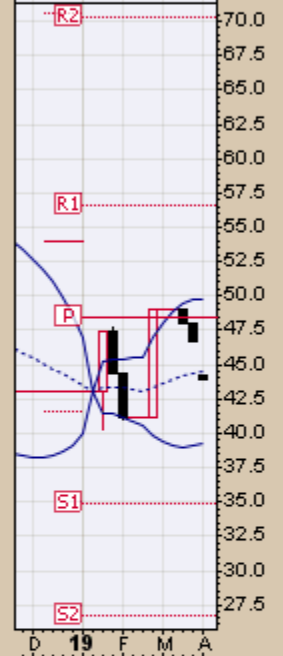
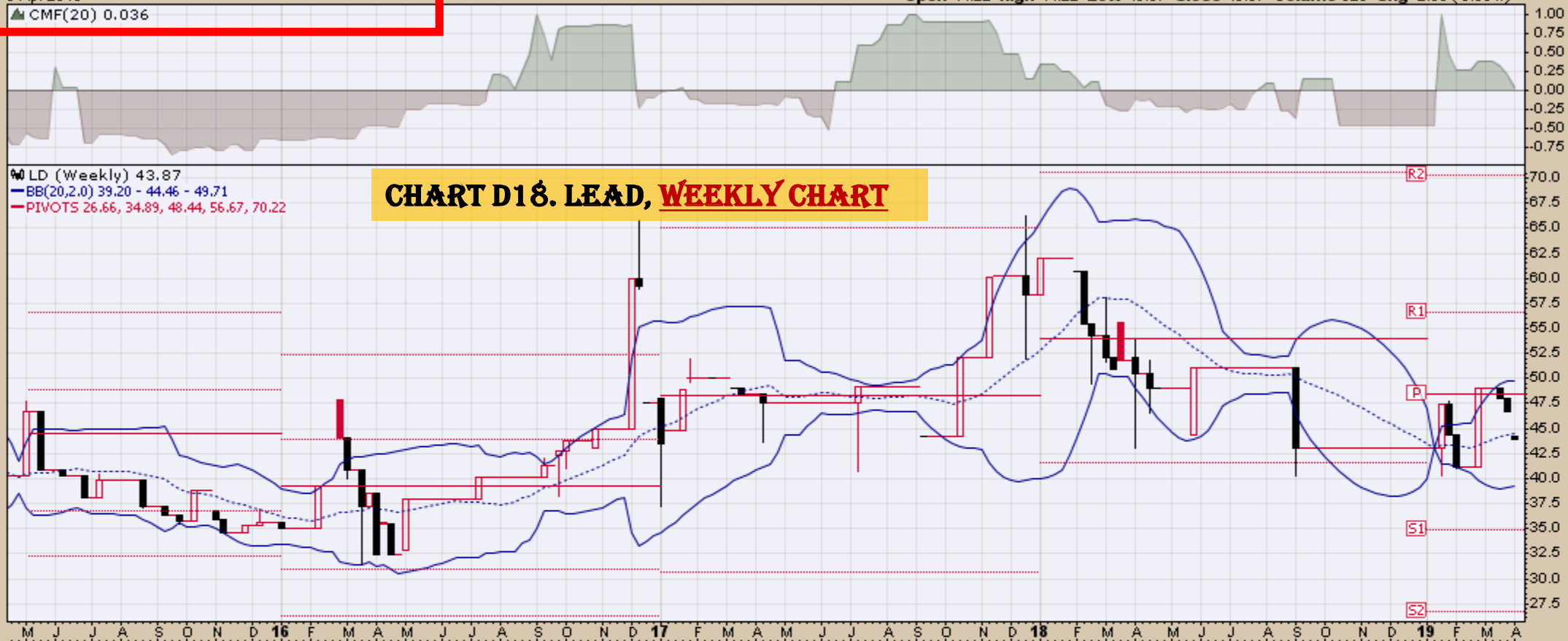


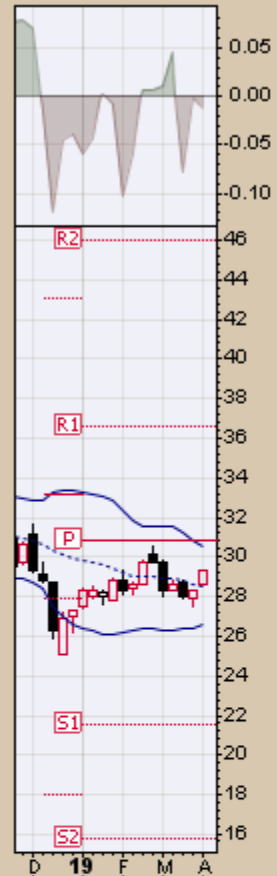
CHART D18. LEAD, WEEKLY CHART

LD (Weekly) 43.87
BB(20,2,0) 39.20 - 44.46 - 49.71
PIVOTS 26.66, 34.89, 48.44, 56.67, 70.22

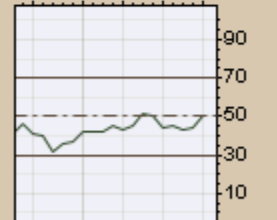
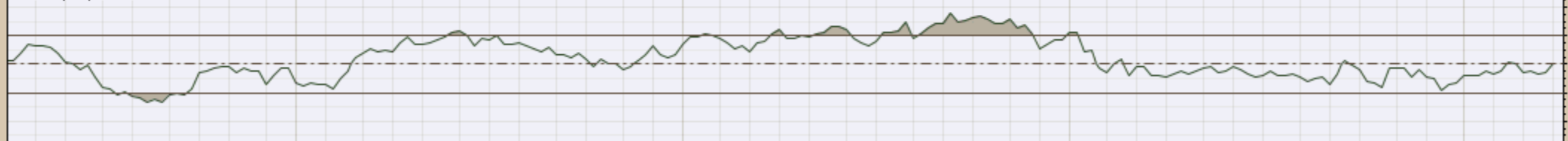


LIT (Weekly) 29.34
BB(20,2,0) 26.58 - 28.57 - 30.56
PIVOTS 15.74, 21.50, 30.85, 36.61, 45.95

CHART D19. LITHIUM, WEEKLY CHART



▲ RSI(14) 50.46



MACD(12,26,9) -0.480, -0.654, 0.174

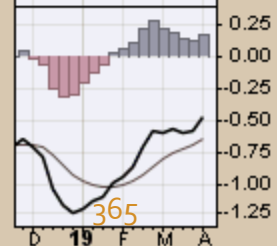
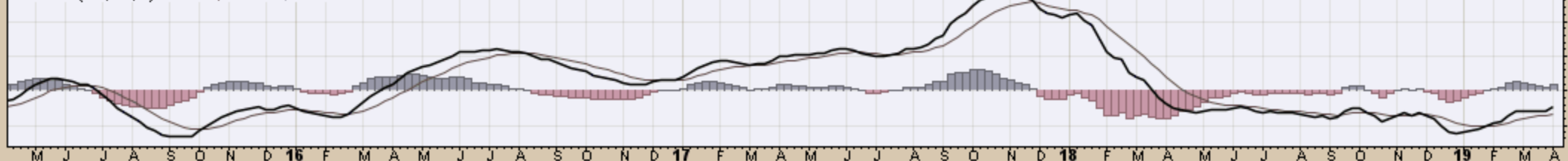
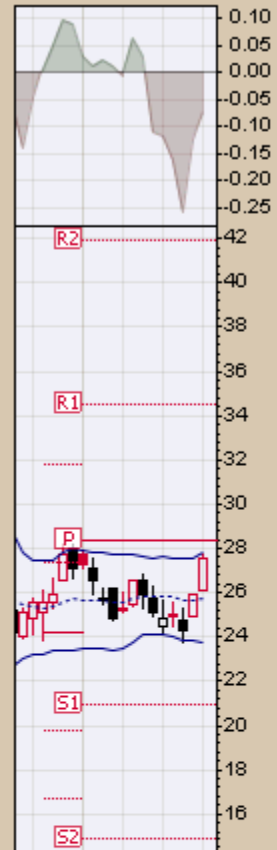
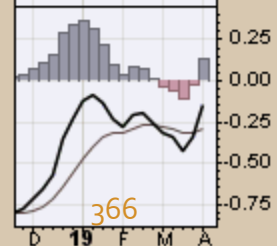
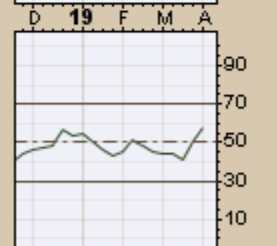
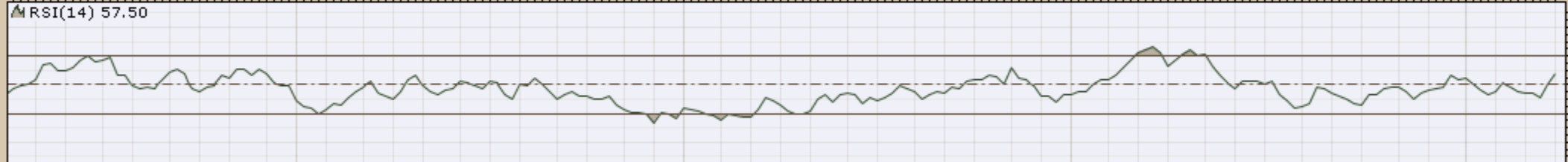




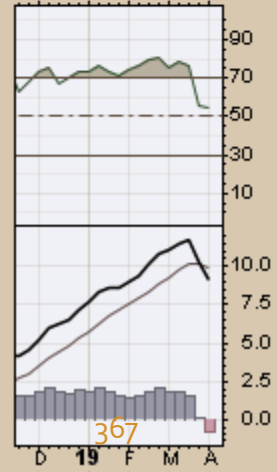
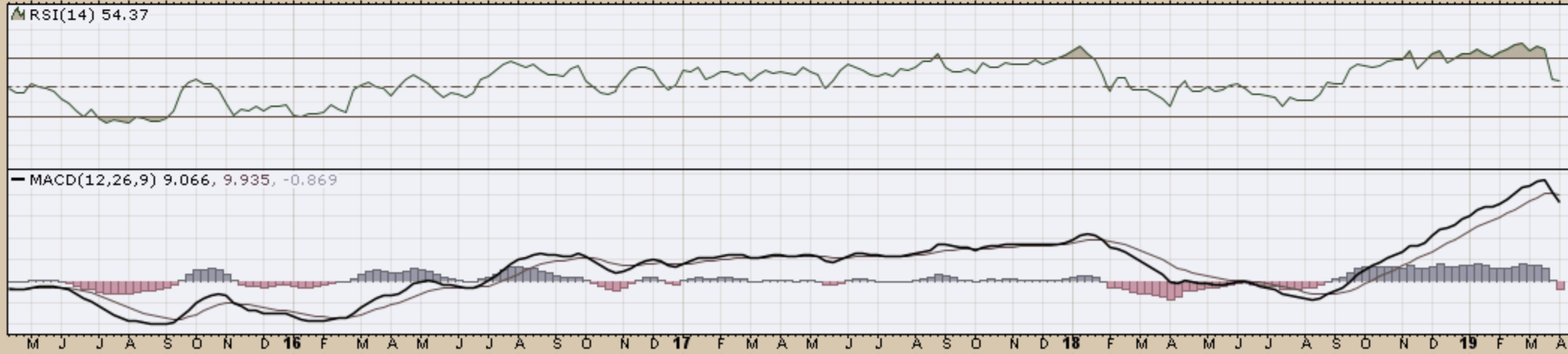
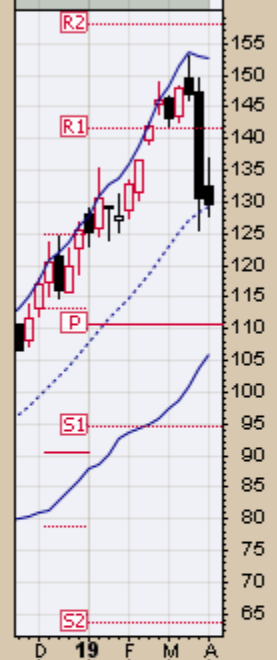
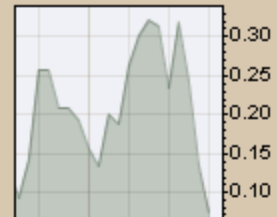
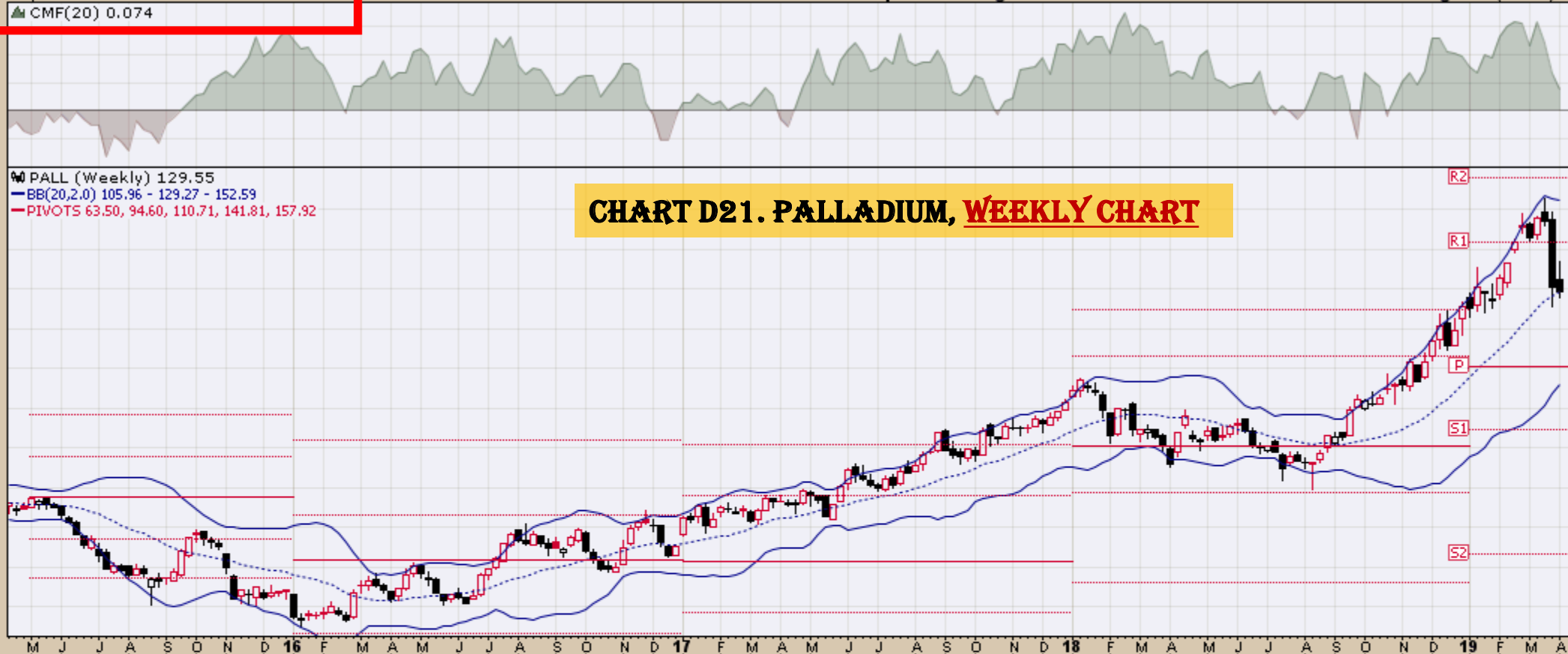
CHART D20. COCOA, WEEKLY CHART



M J 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

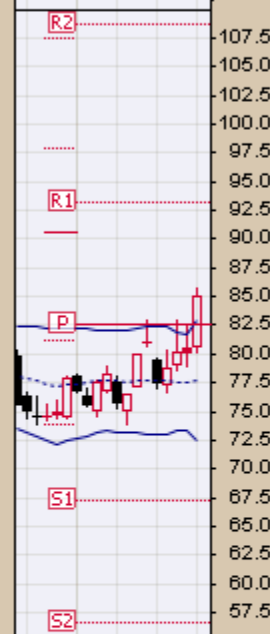
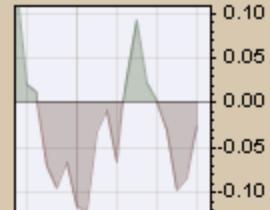


M J J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A

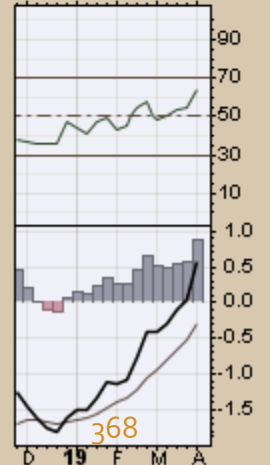
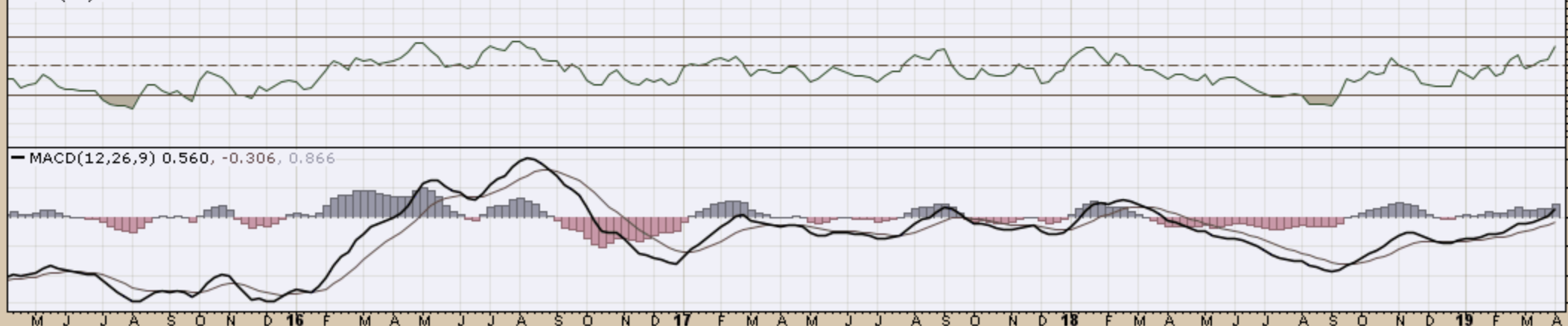


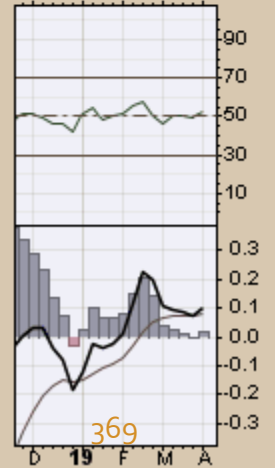
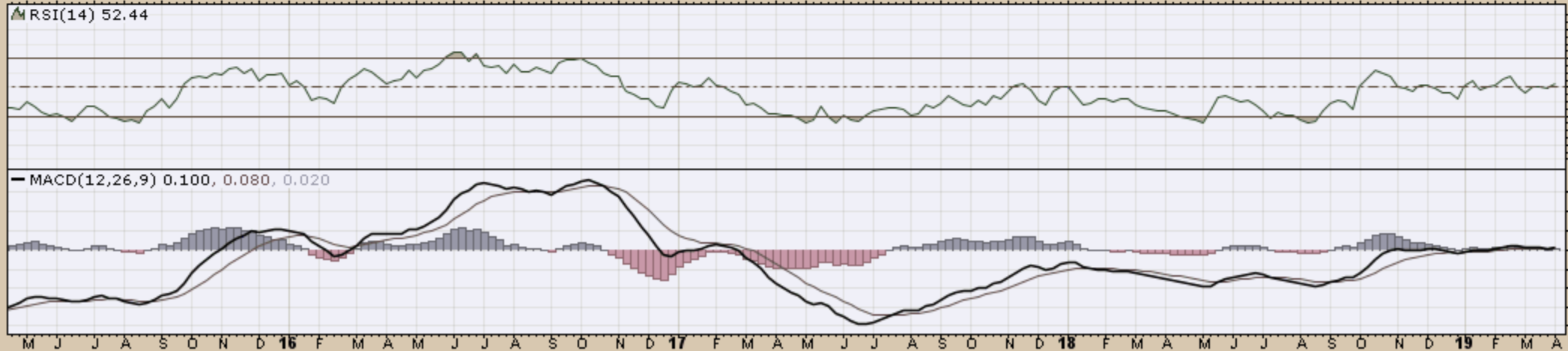
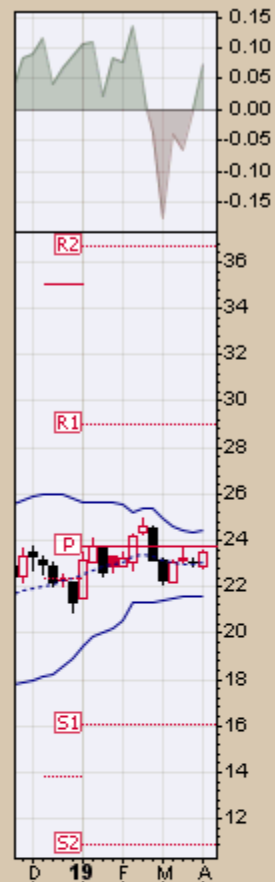
▲ PPLT (Weekly) 85.09
— BB(20,2,0) 72.57 - 77.77 - 82.98
— PIVOTS 56.56, 67.22, 82.58, 93.24, 108.60

CHART D22. PLATINUM, WEEKLY CHART



▲ RSI(14) 63.88





SLV iShares Silver Trust NYSE

5-Apr-2019

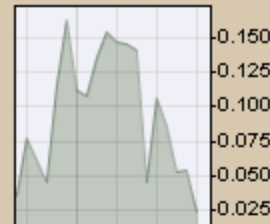
▲ CMF(20) 0.023

Open 14.24 High 14.25 Low 13.97 Close 14.17 Volume 38.1M Chg -0.01 (-0.07%)

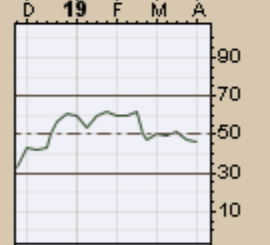
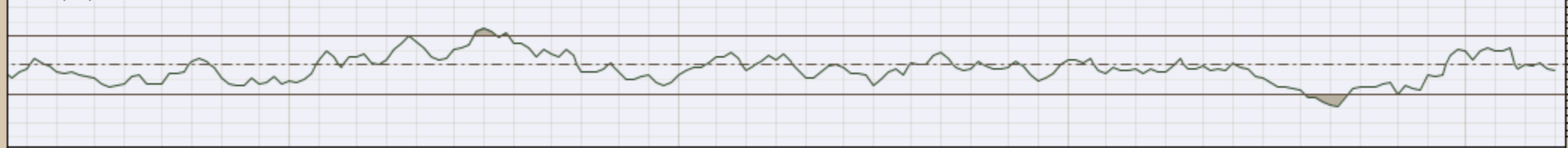
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CHART D24. SILVER, WEEKLY CHART

SLV (Weekly) 14.17
BB(20,2,0) 13.34 - 14.30 - 15.27
PIVOTS 11.30, 13.01, 14.83, 16.54, 18.36



▲ RSI(14) 46.71



MACD(12,26,9) 0.031, 0.050, -0.019

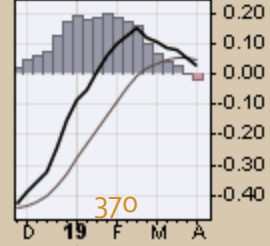
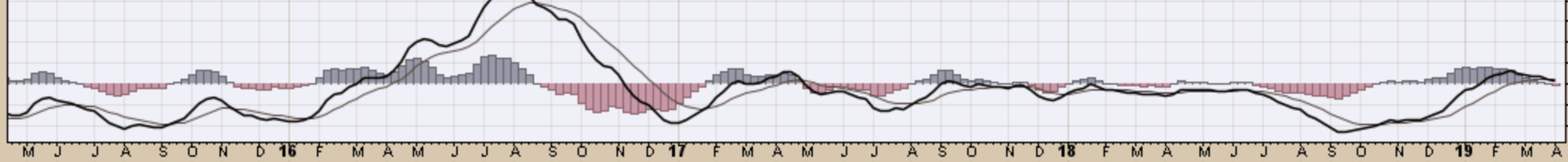
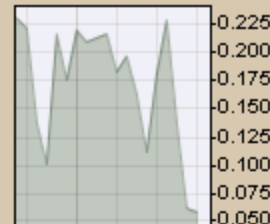
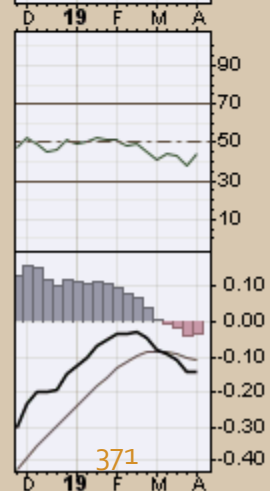
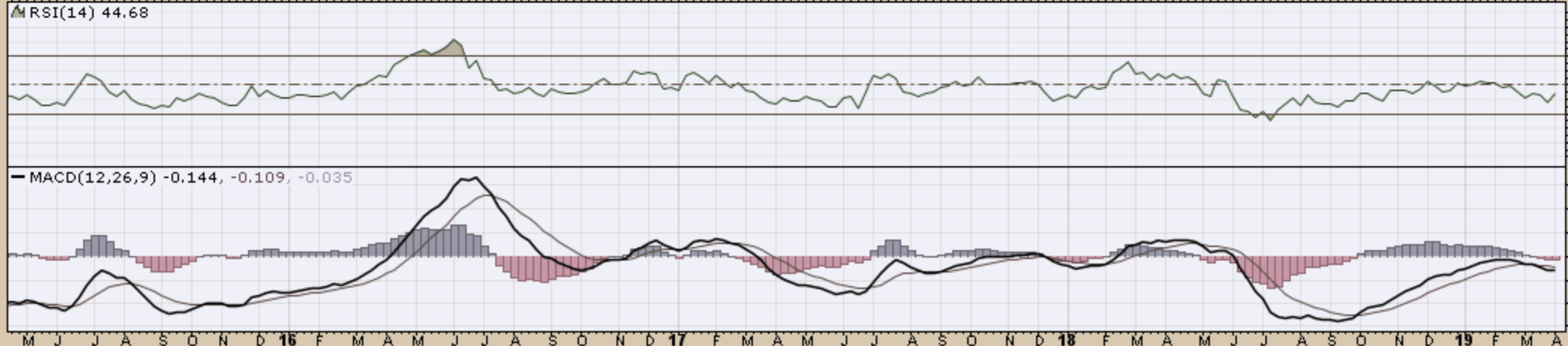


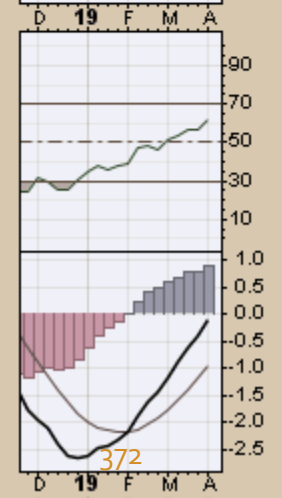
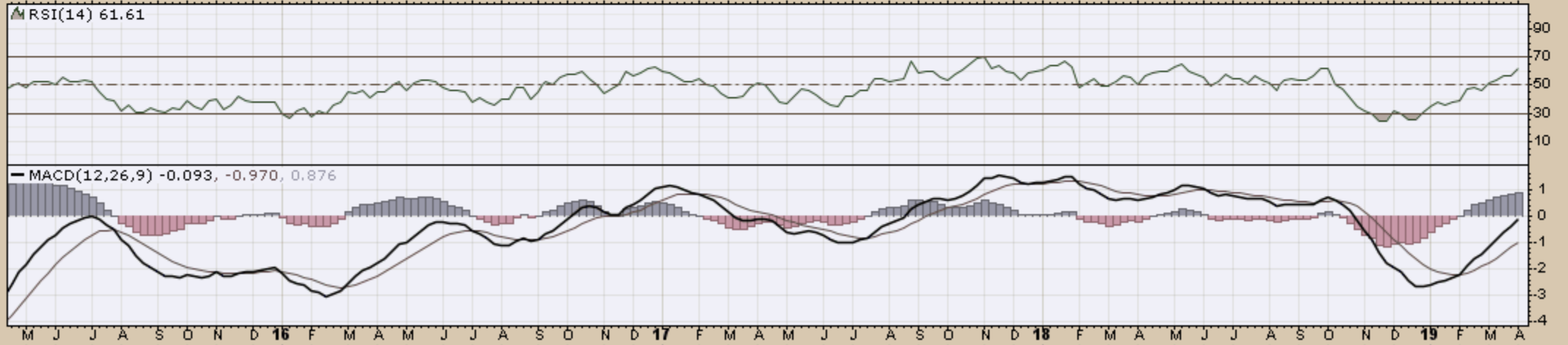
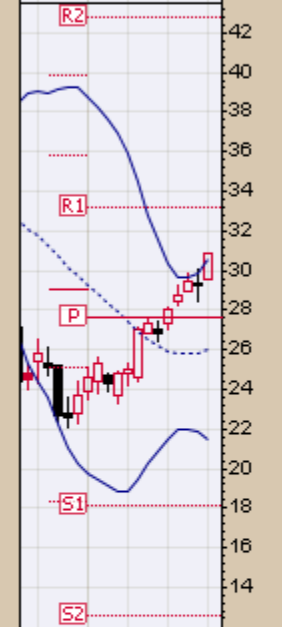
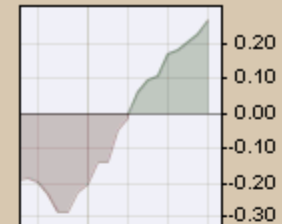
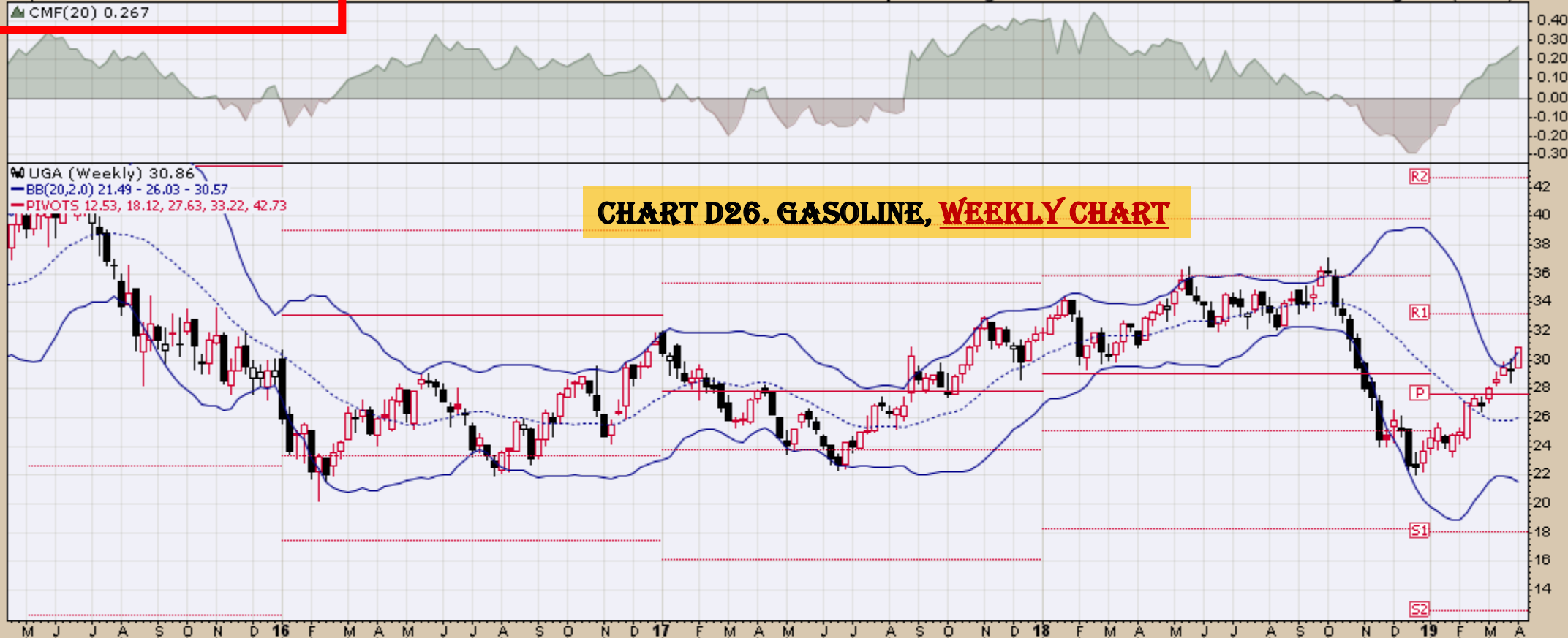


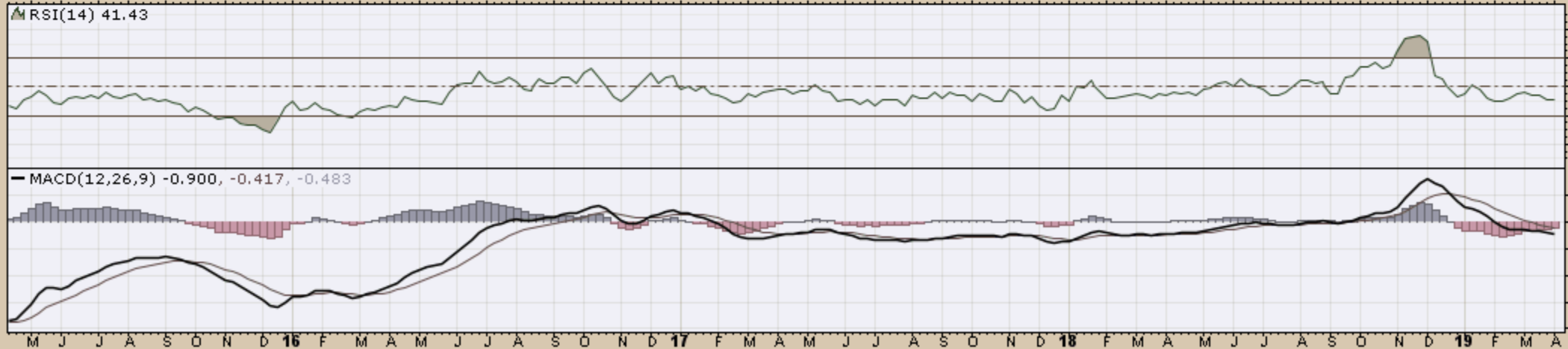
CHART D25. SOYBEANS, WEEKLY CHART



M J 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







USL United States 12 Month Oil Fund, LP NYSE

5-Apr-2019

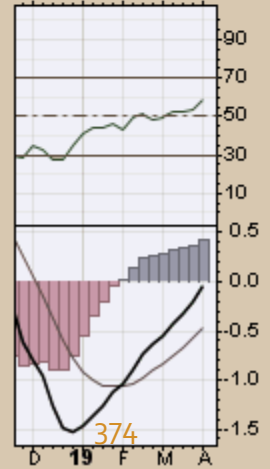
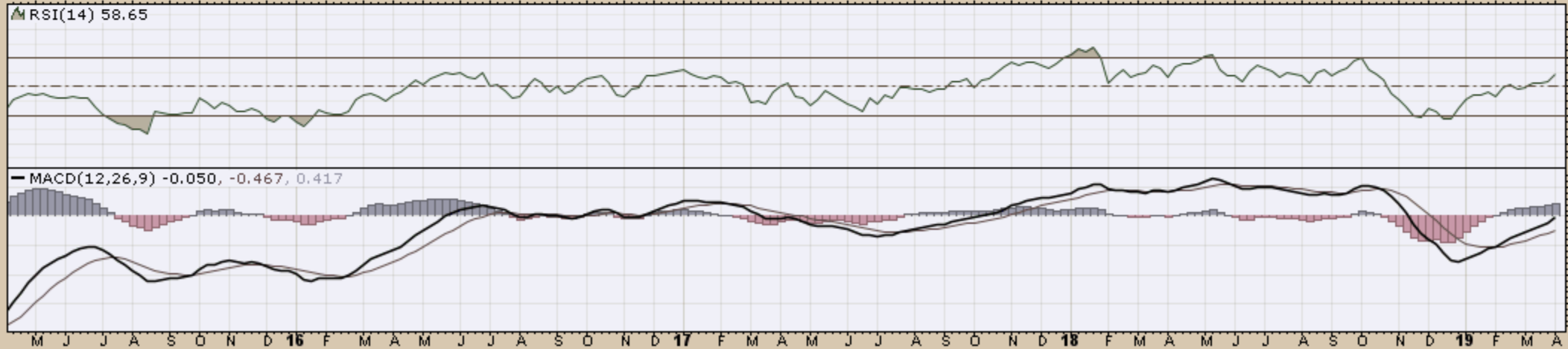
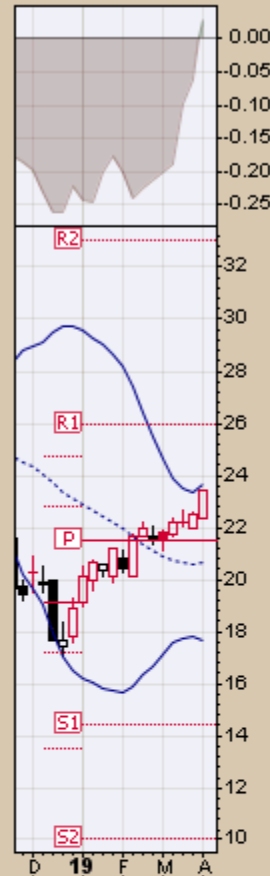
▲ CMF(20) 0.027

Open 22.38 High 23.41 Low 22.38 Close 23.41 Volume 55.1K Chg +0.90 (+4.00%) ▲

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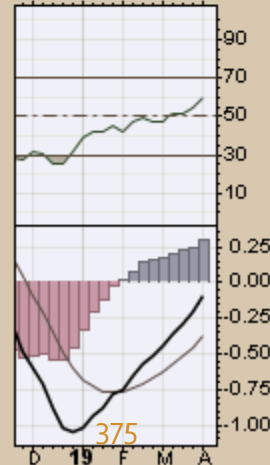
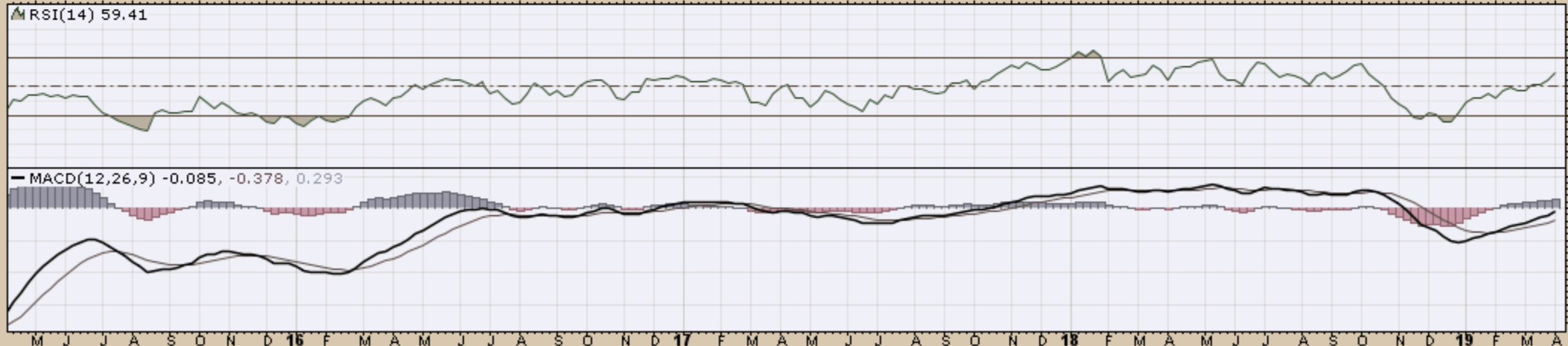
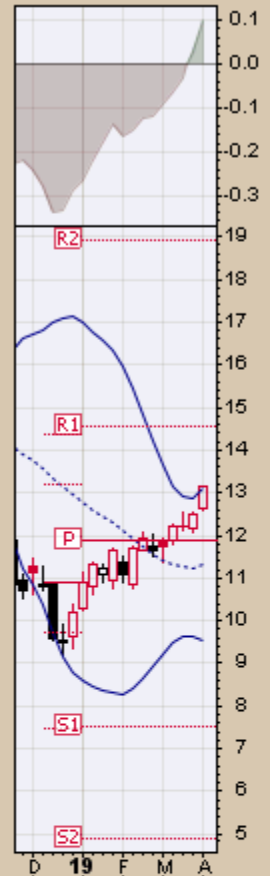
USL (Weekly) 23.41
BB(20,2,0) 17.67 - 20.68 - 23.68
PIVOTS 10.02, 14.47, 21.51, 25.96, 33.00

CHART D28. US 12 MONTH OIL FUND, WEEKLY CHART



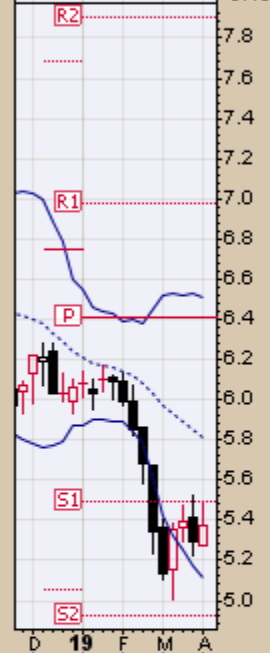
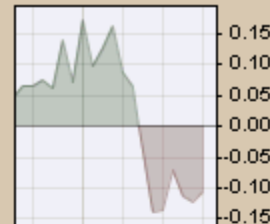
USO (Weekly) 13.15
BB(20,2,0) 9.52 - 11.30 - 13.09
PIVOTS 4.87, 7.53, 11.88, 14.54, 18.89

CHART D29. US OIL FUND, WEEKLY CHART

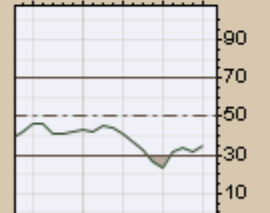
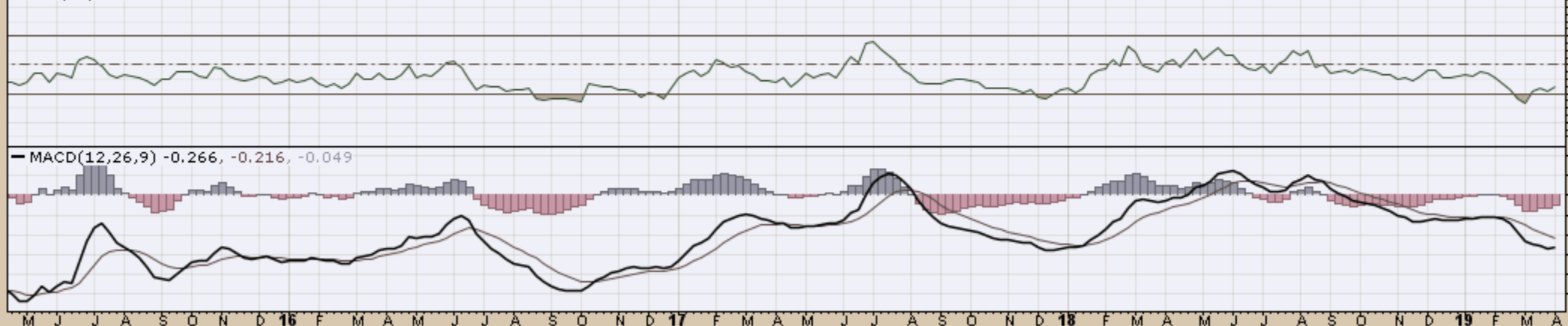


WEAT (Weekly) 5.37
BB(20,2,0) 5.11 - 5.81 - 6.51
PIVOTS 4.92, 5.49, 6.41, 6.98, 7.90

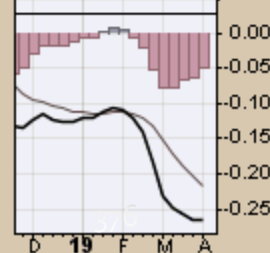
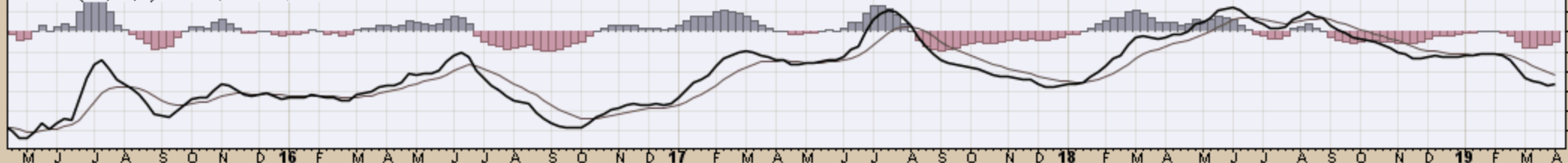
CHART D30. WHEAT, WEEKLY CHART



▲ RSI(14) 34.86



MACD(12,26,9) -0.266, -0.216, -0.049



End