

***Market Outlook Considerations
Chart Book, Week Beginning
April 29, 2019***

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Division of Agriculture
Cooperative Extension Service**

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Market Outlook Considerations for Week Beginning April 29, 2019

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Market Outlook Considerations for Week Beginning April 29, 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 April 29, 2019

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Commodity ETFs Book Index

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

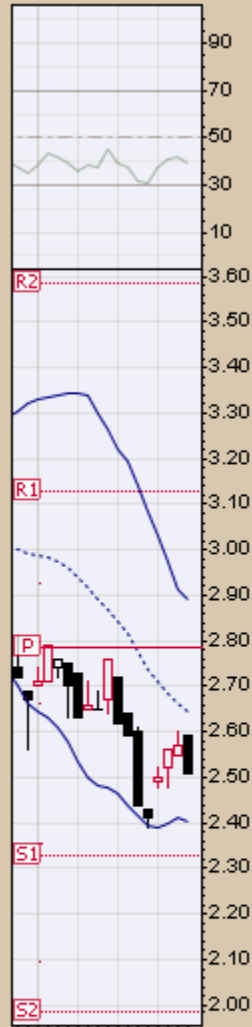
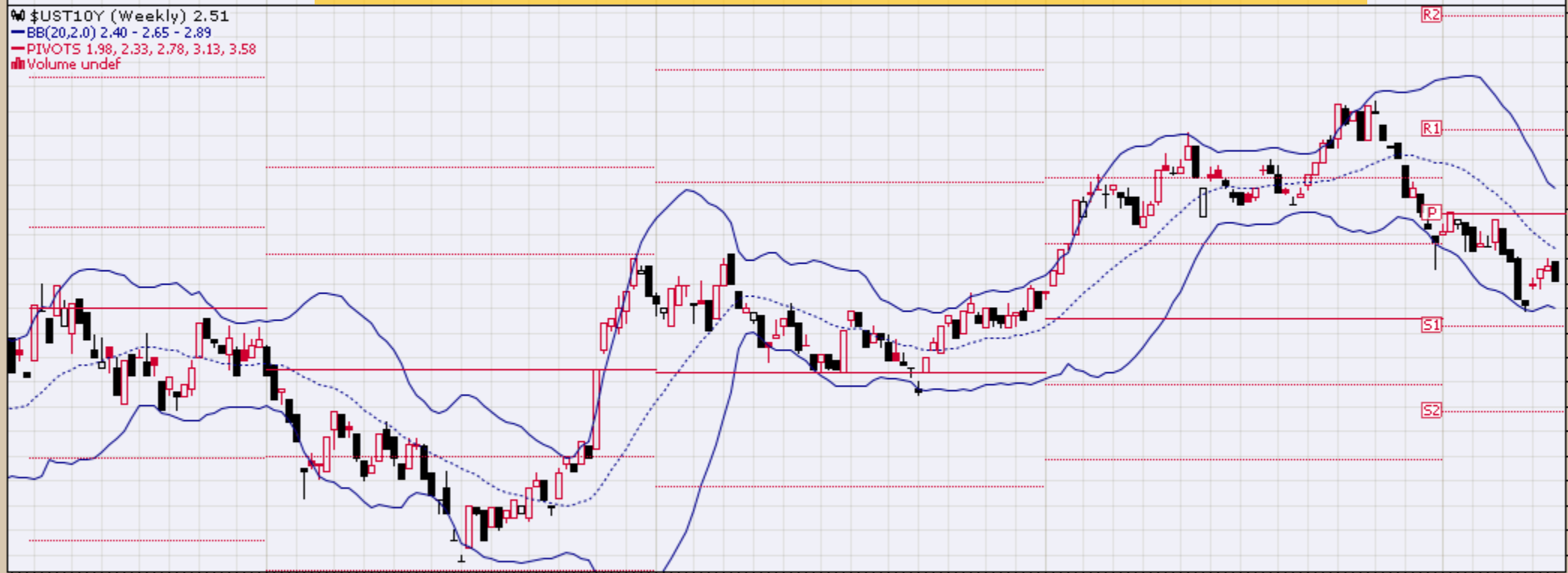
26-Apr-2019

Open 2.59 High 2.59 Low 2.51 Close 2.51 Chg -0.06 (-2.33%)

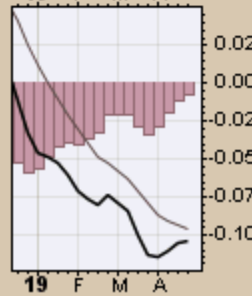
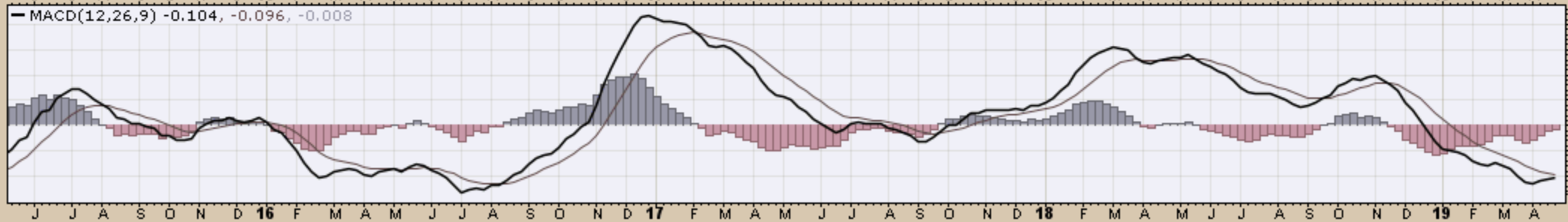
▲ RSI(14) 39.16

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

▲ \$UST10Y (Weekly) 2.51
— BB(20,2.0) 2.40 - 2.65 - 2.89
— PIVOTS 1.98, 2.33, 2.78, 3.13, 3.58
■ Volume undef



— MACD(12,26,9) -0.104, -0.096, -0.008



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

26-Apr-2019

© StockCharts.com

Open 2.51 High 2.51 Low 2.51 Close 2.51 Chg -0.03 (-1.18%)

- \$UST10Y (Daily) 2.51
- MA(50) 2.58
- MA(200) 2.84
- PIVOTS 2.15, 2.28, 2.52, 2.65, 2.89
- ▬ Volume undef



26-Apr-2019

Open 2.49 High 2.60 Low 2.48 Close 2.51 Chg +0.10 (+4.15%) ▲

▲ RSI(14) 47.51

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

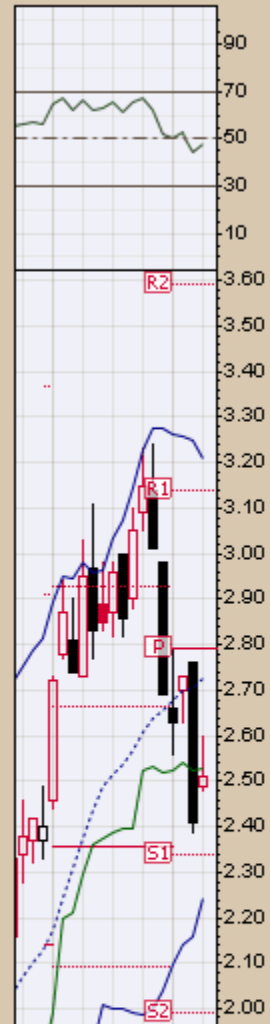
▲ \$UST10Y (Monthly) 2.51

— BB(20,2.0) 2.24 - 2.72 - 3.21

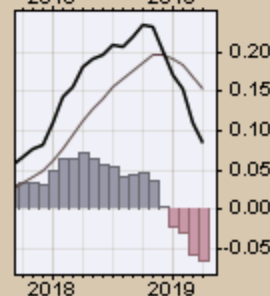
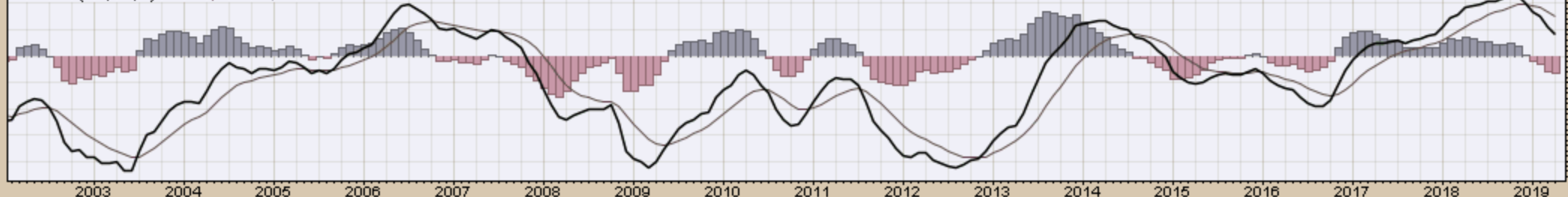
— PIVOTS 1.99, 2.34, 2.79, 3.14, 3.59

— CHANDLR(22,3.0) 2.53

■ Volume undef



— MACD(12,26,9) 0.085, 0.152, -0.067



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

26-Apr-2019

© StockCharts.com

Open 2.49 High 2.60 Low 2.48 Close 2.51 Chg +0.10 (+4.15%) ▲

— \$UST10Y (Monthly) 2.51

— MA(200) 3.16



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

US Dollar Index
Weekly, Daily and Monthly Charts

▲ RSI(14) 61.20

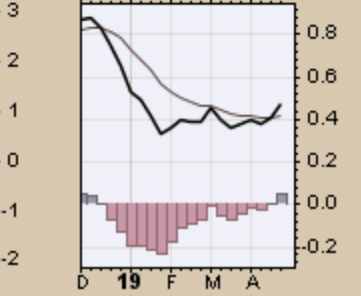
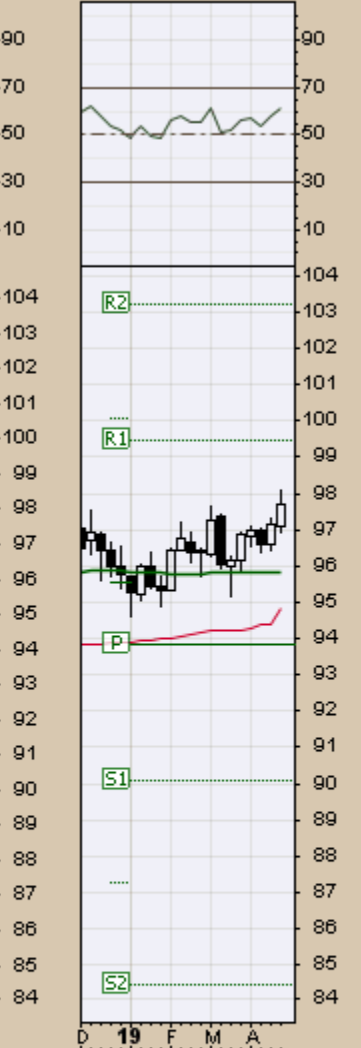
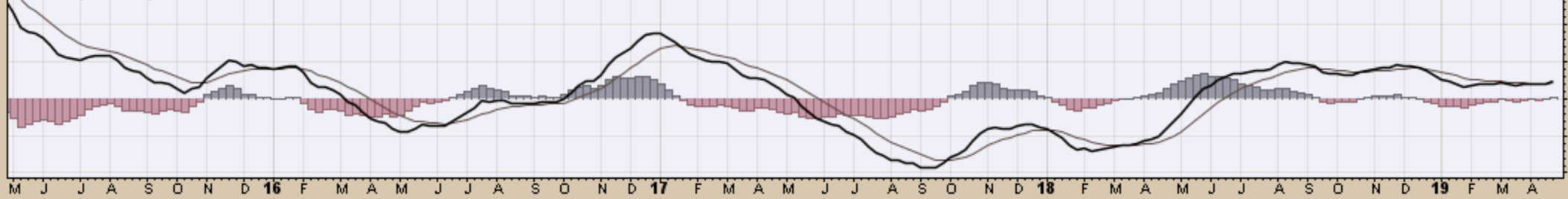
CHART A5. U.S. DOLLAR INDEX, WEEKLY CHART

▲ \$USD (Weekly) 97.73

— MA(200) 95.85
— CHANDLR(22,3,0) 94.81
— PIVOTS 84.43, 90.09, 93.81, 99.47, 103.19



— MACD(12,26,9) 0.471, 0.422, 0.049

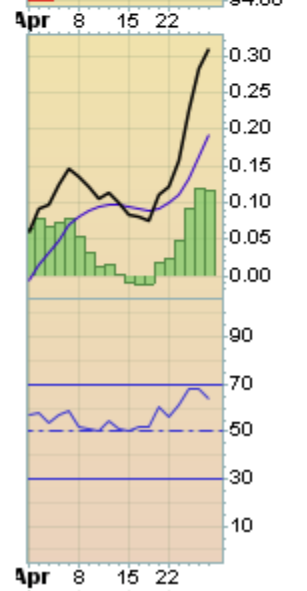
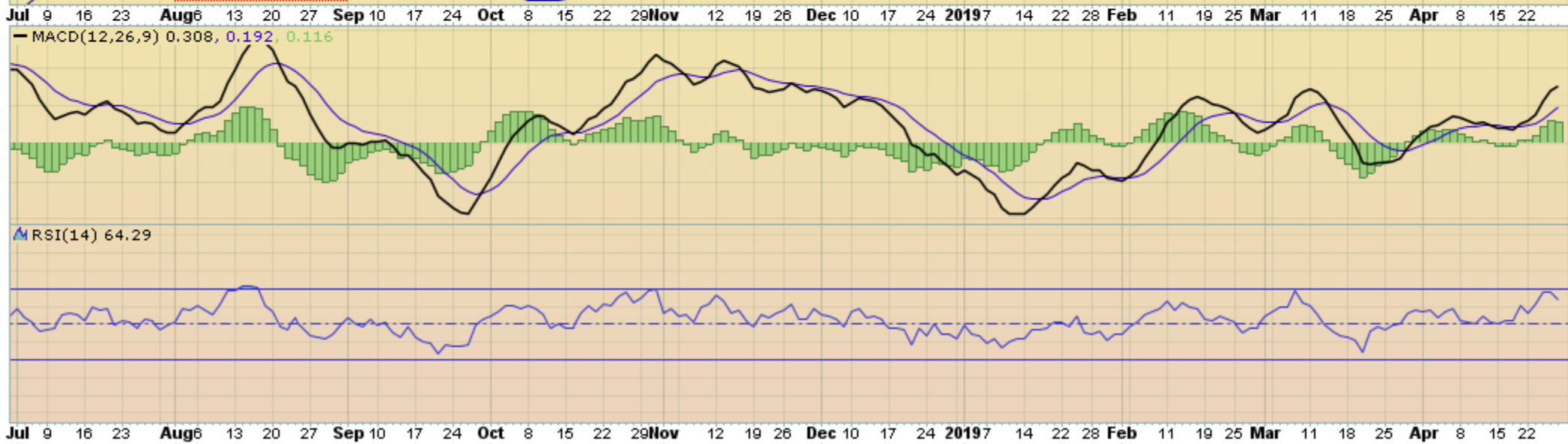


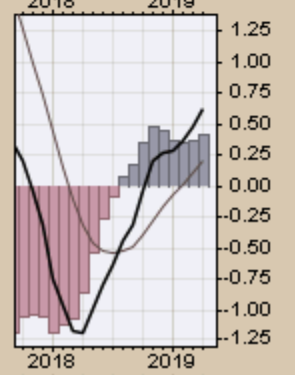
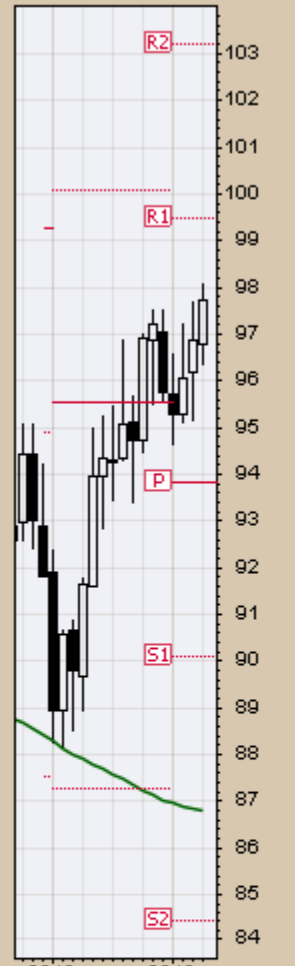
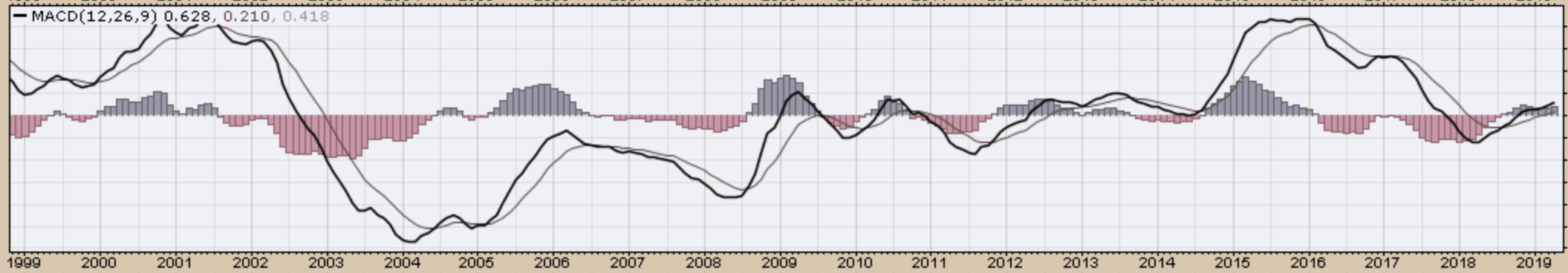
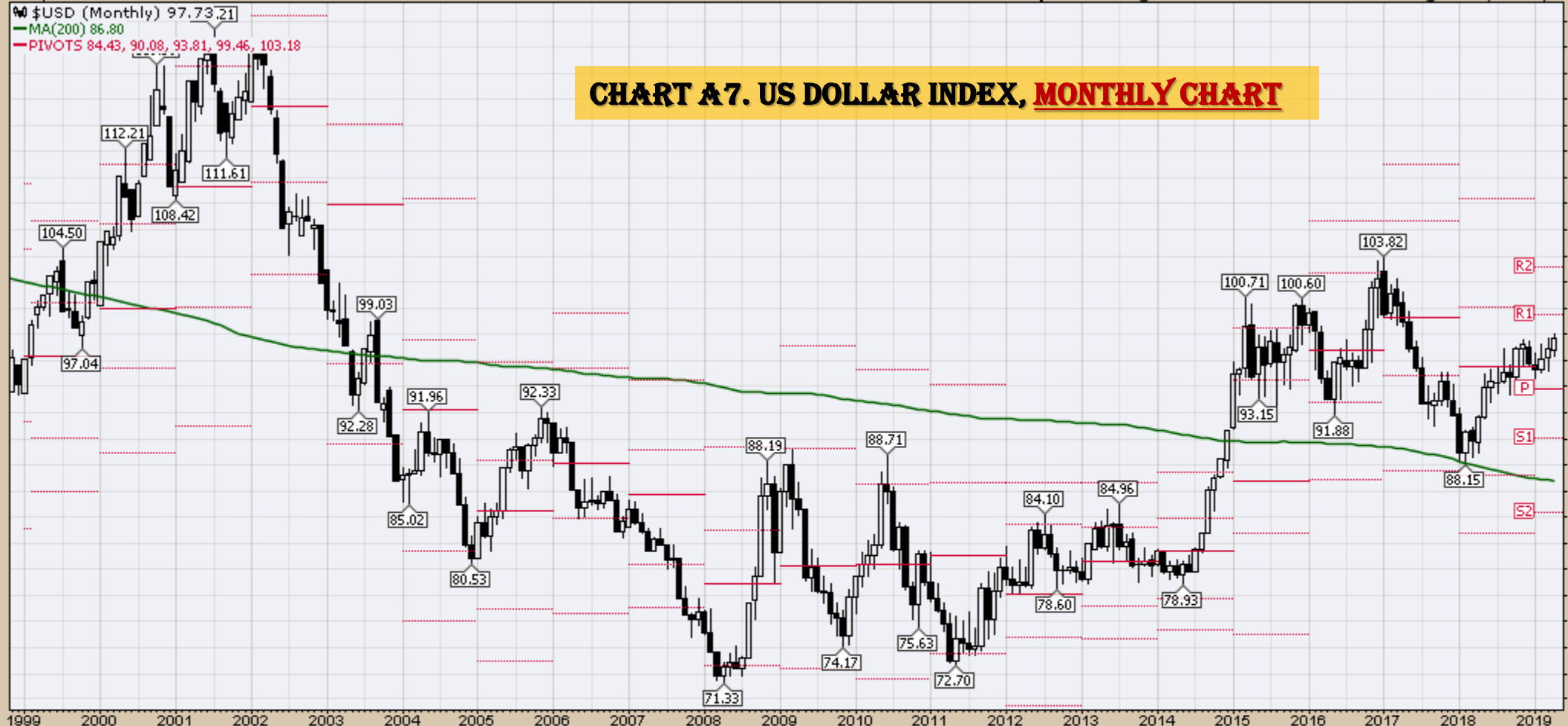
US Dollar Index - Cash Settle (EOD) (Daily) 97.73

BB(20,2,0) 96.13 - 96.96 - 97.79
PIVOTS 94.07, 95.46, 96.56, 97.95, 99.06
CHANDLR(22,3,0) 96.80
Volume undef



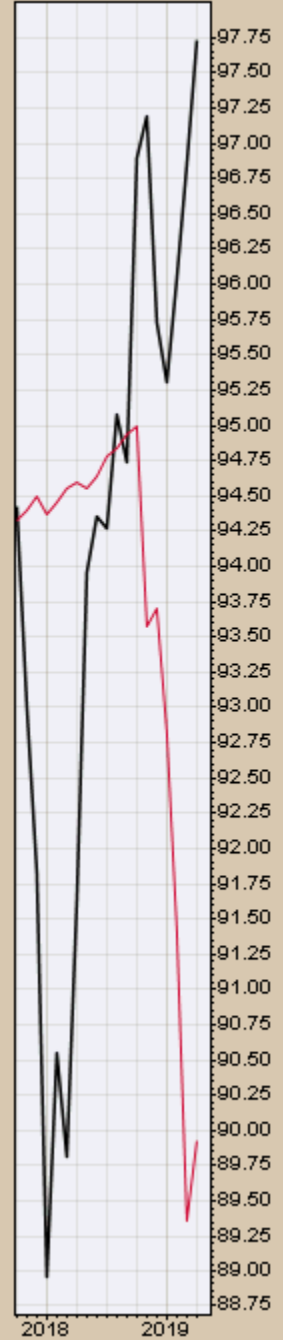
CHART A6. US DOLLAR INDEX, *DAILY CHART*



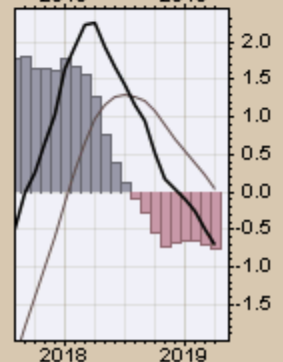
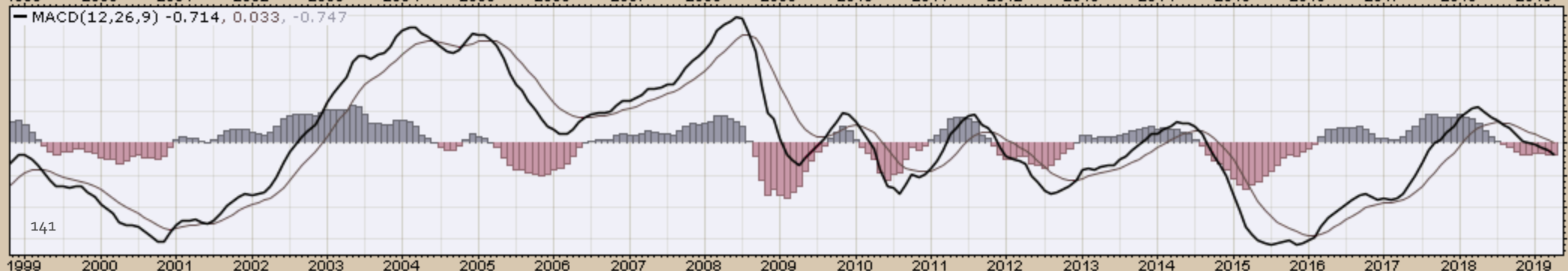
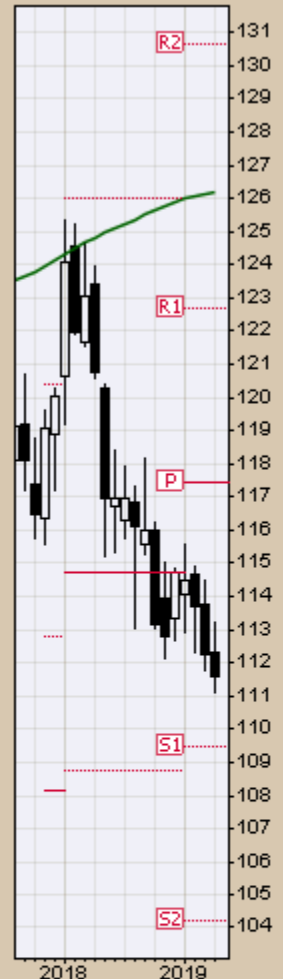


— \$USD (Monthly) 97.73
— MA(200) 86.80
— CHANDLR(22,3,0) 89.92

CHART A8. US DOLLAR INDEX, MONTHLY CHART



Select Currency Charts
Monthly Charts

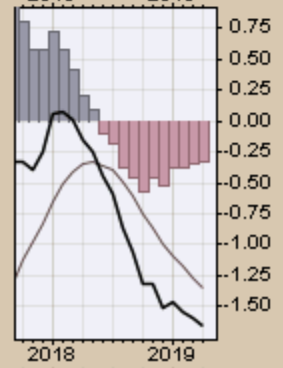
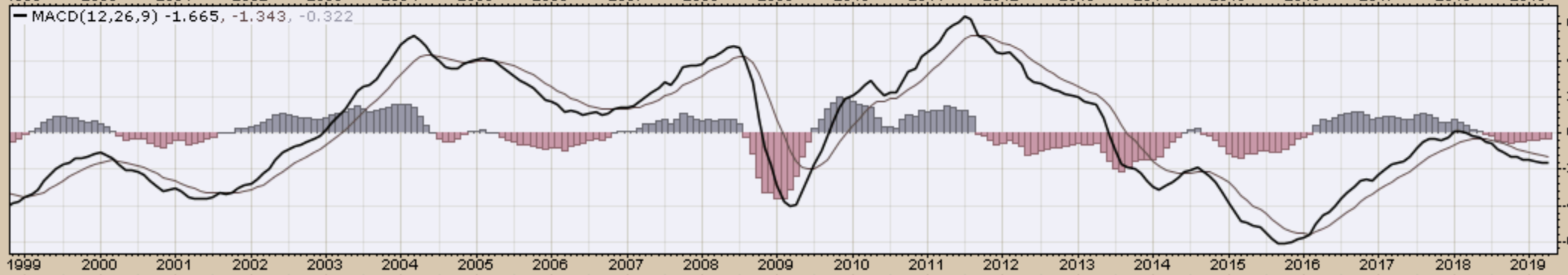
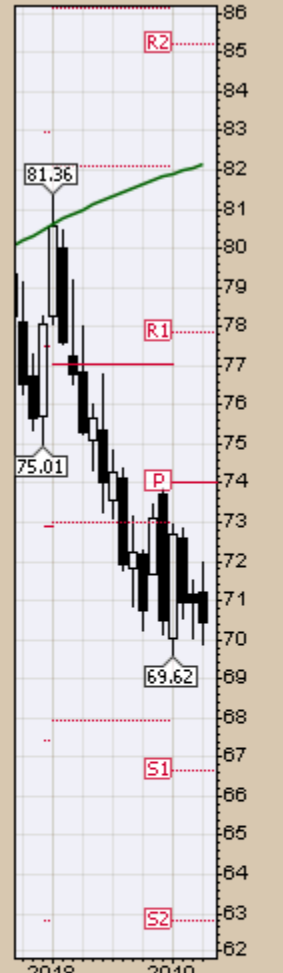


26-Apr-2019

Open 71.20 High 72.00 Low 69.88 Close 70.42 Chg -0.54 (-0.76%)

\$XAD (Monthly) 70.42
MA(200) 82.15
PIVOTS 62.80, 66.64, 74.00, 77.84, 85.20

CHART A 10. AUSTRALIAN DOLLAR, MONTHLY CHART



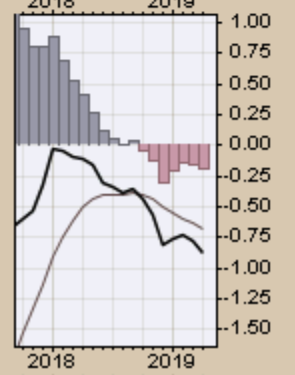
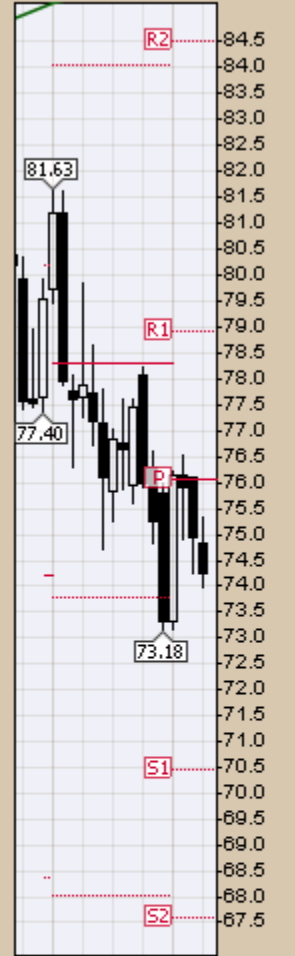
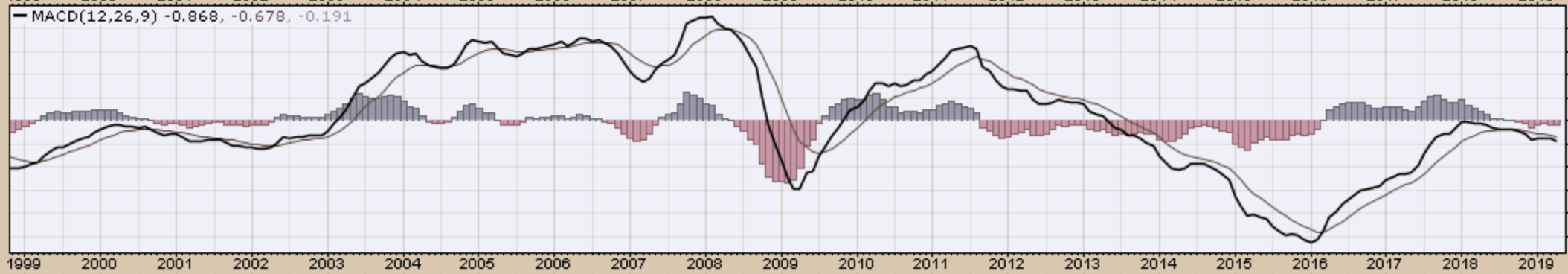
\$CDW (Monthly) 74.26

MA(200) 86.15

PIVOTS 67.59, 70.46, 76.05, 78.91, 84.50



CHART A11. CANADIAN DOLLAR, MONTHLY CHART



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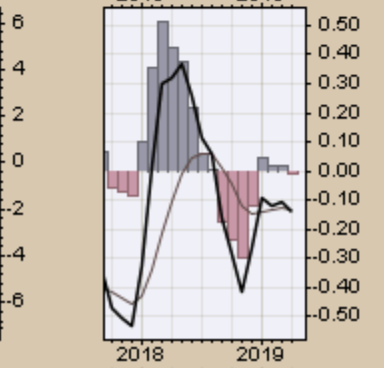
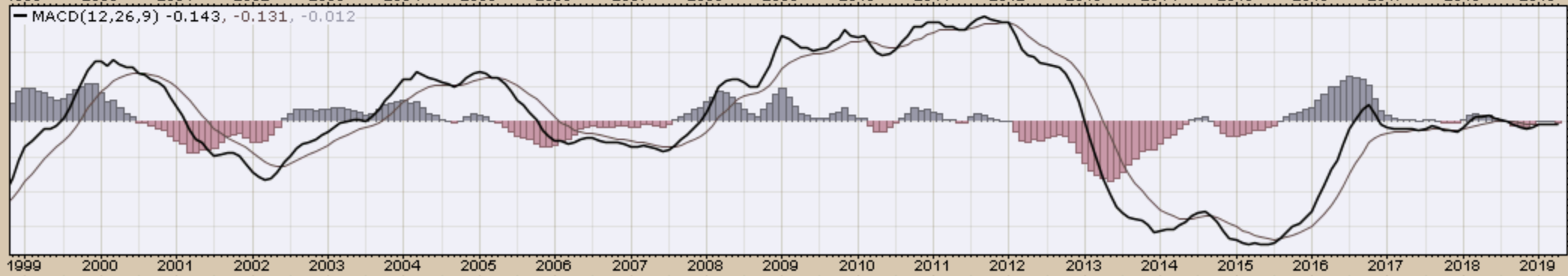
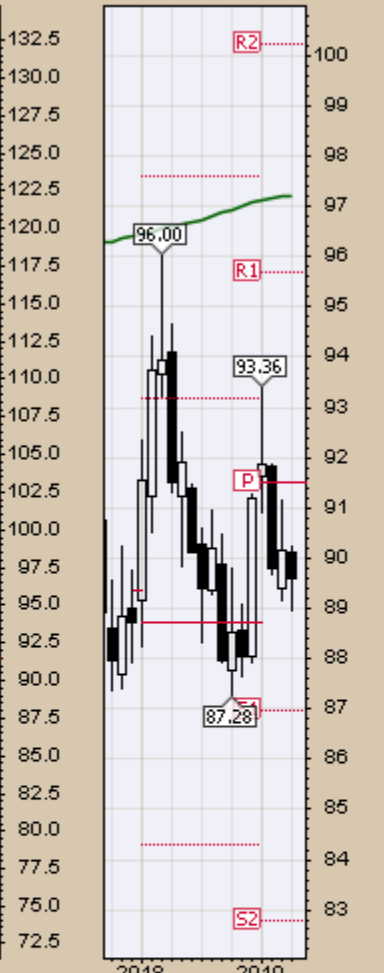
Open 90.10 High 90.24 Low 88.96 Close 89.61 Chg -0.56 (-0.62%)

\$XJY (Monthly) 89.61

MA(200) 97.22

PIVOTS 82.77, 86.98, 91.49, 95.70, 100.21

CHART A12. JAPANESE YEN, MONTHLY CHART



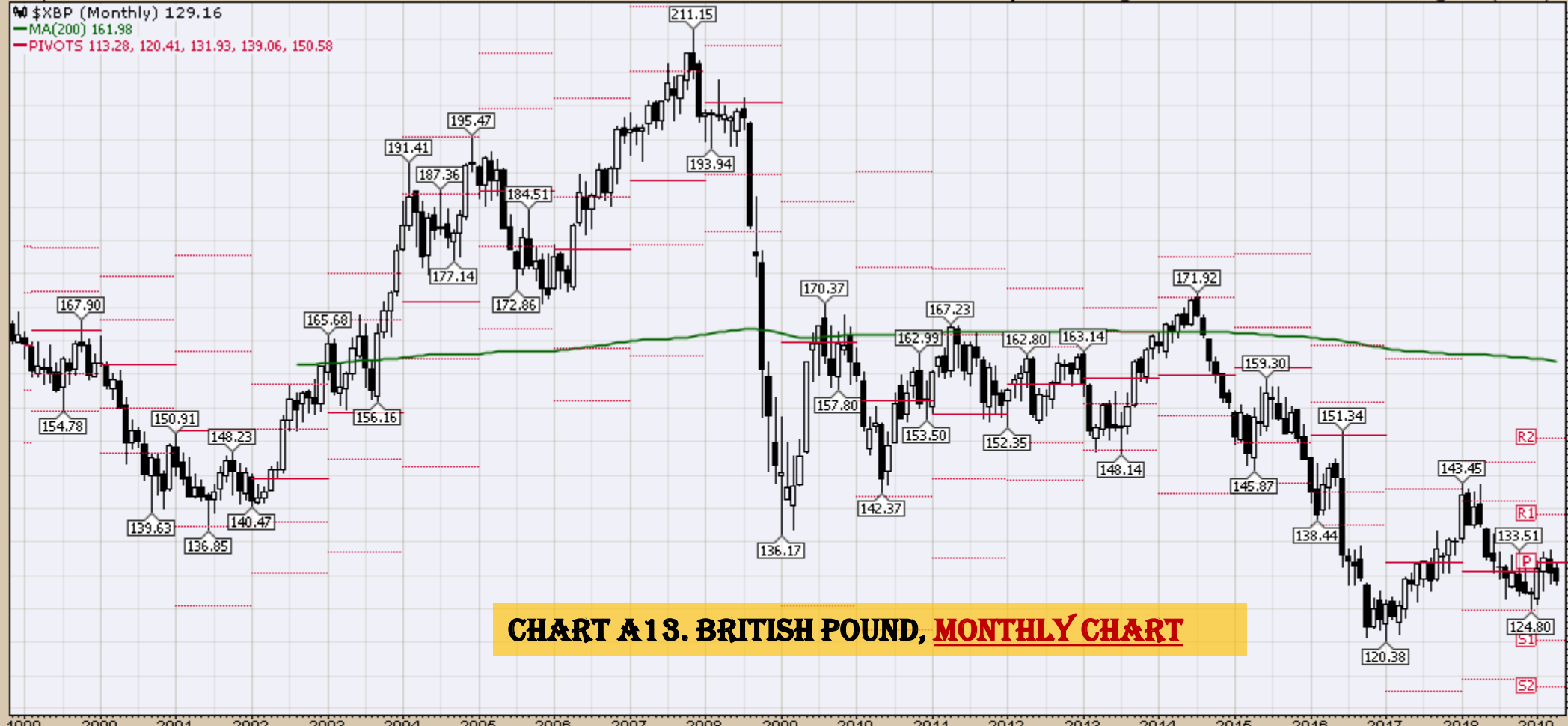
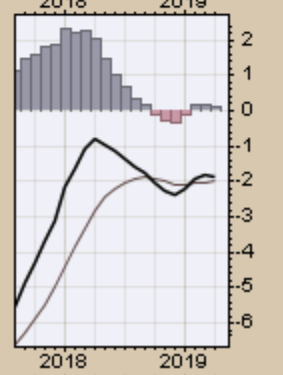
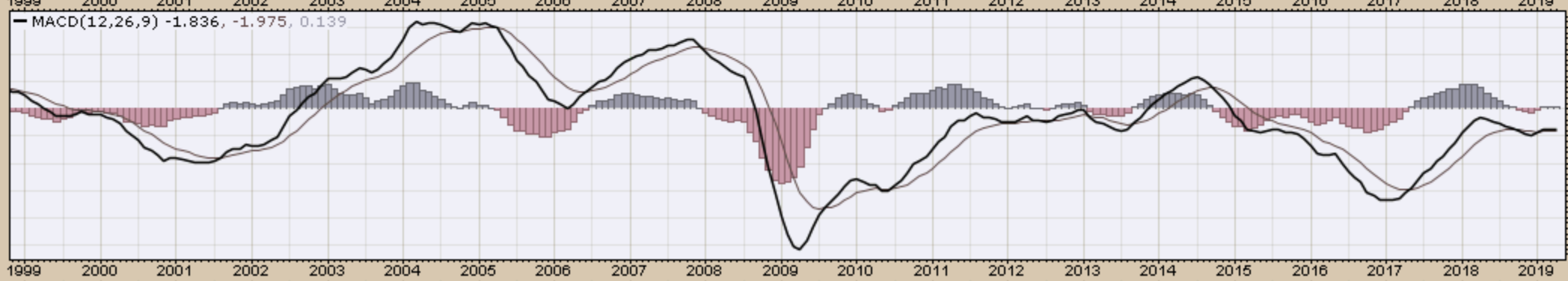
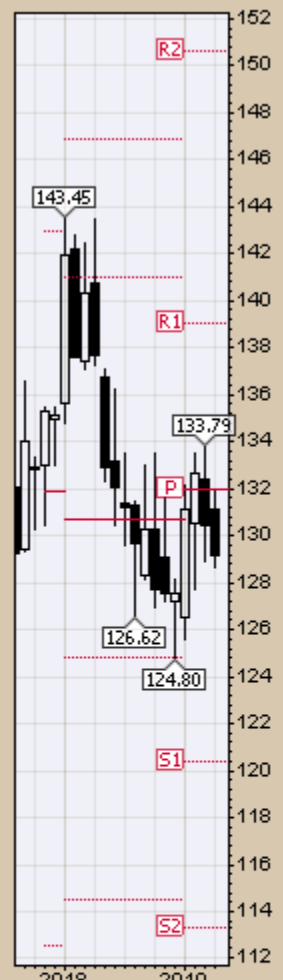


CHART A13. BRITISH POUND, MONTHLY CHART



Select Equity and Transportation Charts
Monthly Charts

\$INDU (Monthly) 26543.33

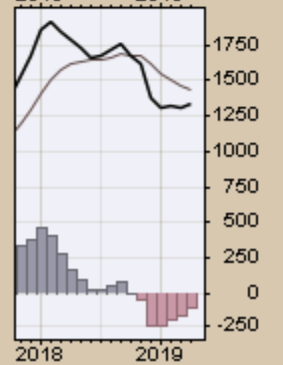
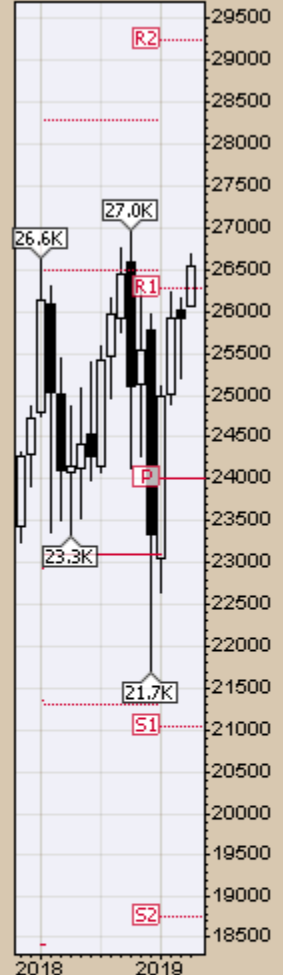
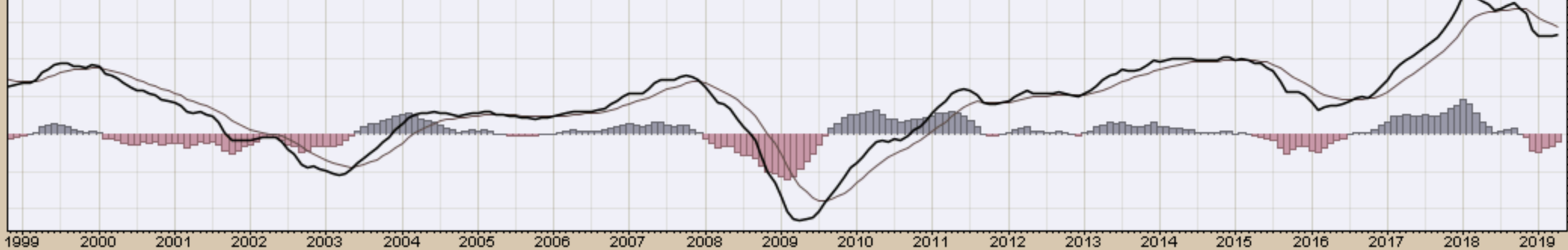
MA(200) 14167.63

PIVOTS 18757.99, 21042.72, 23997.27, 26282.01, 29236.55

CHART A 14. DOW JONES, MONTHLY CHART

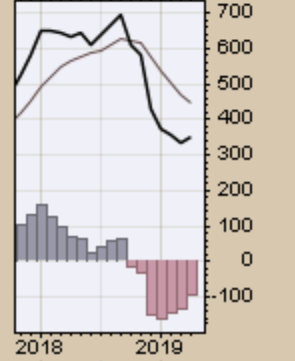
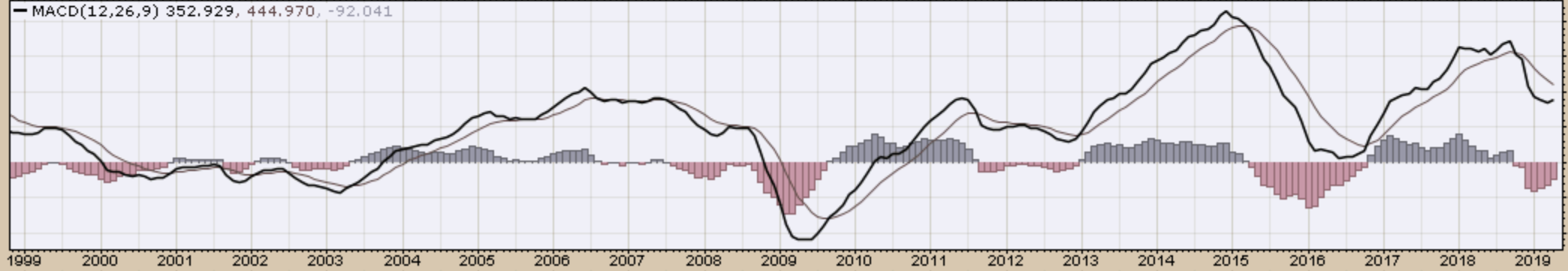
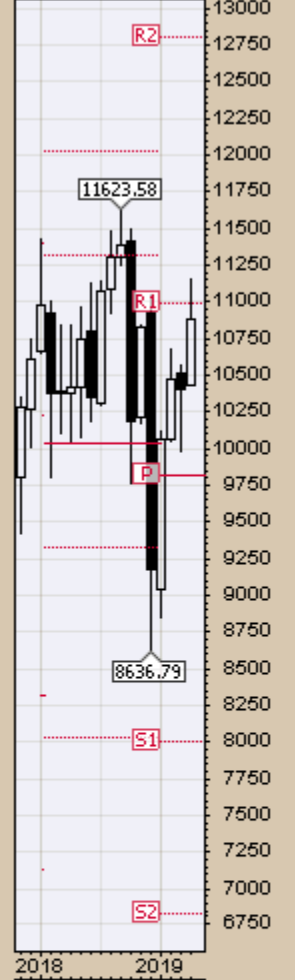


MACD(12,26,9) 1334.121, 1439.873, -105.752



\$TRAN (Monthly) 10881.77
MA(200) 5808.30
PIVOTS 6823.47, 7996.93, 9810.26, 10983.72, 12797.05

CHART A15. DOW TRANSPORTS, MONTHLY CHART



26-Apr-2019

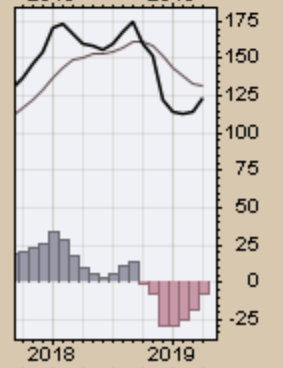
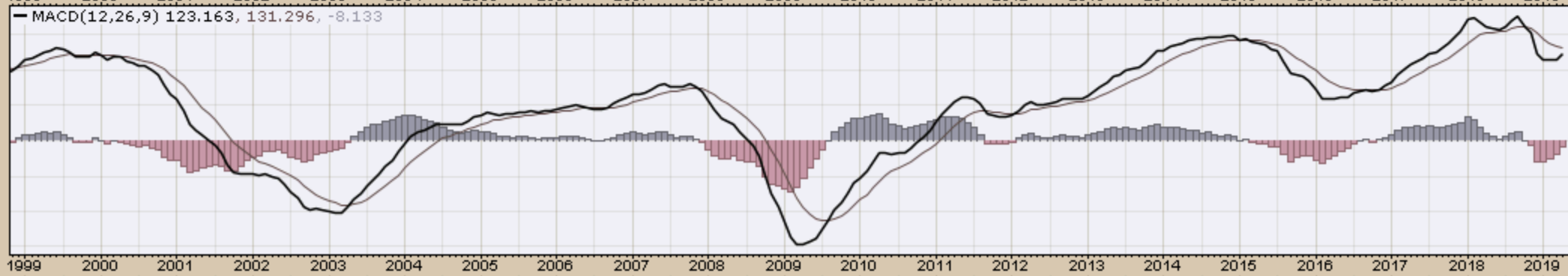
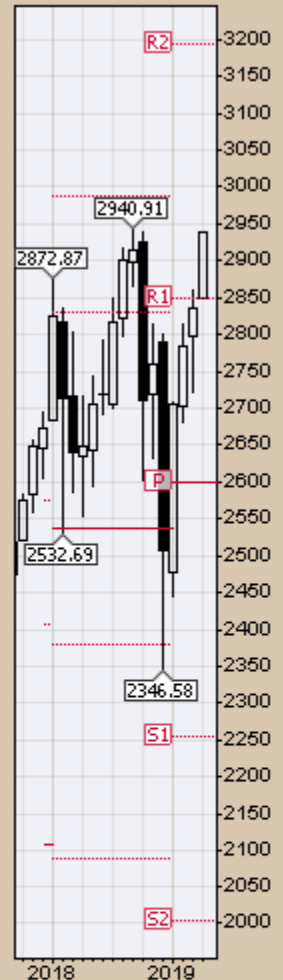
Open 2848.63 High 2939.88 Low 2848.63 Close 2939.88 Volume 37.0B Chg +105.48 (+3.72%) ▲

\$SPX (Monthly) 2939.88

MA(200) 1575.44

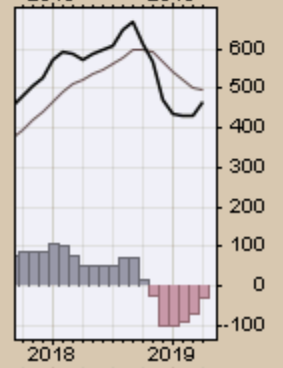
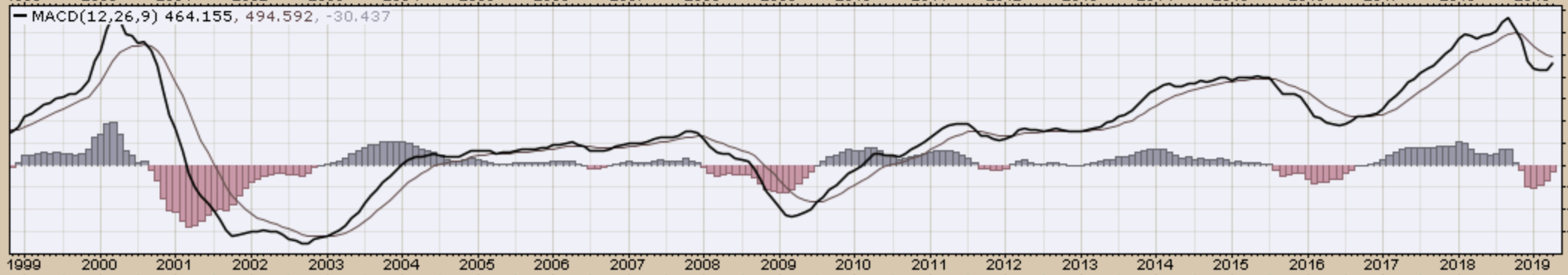
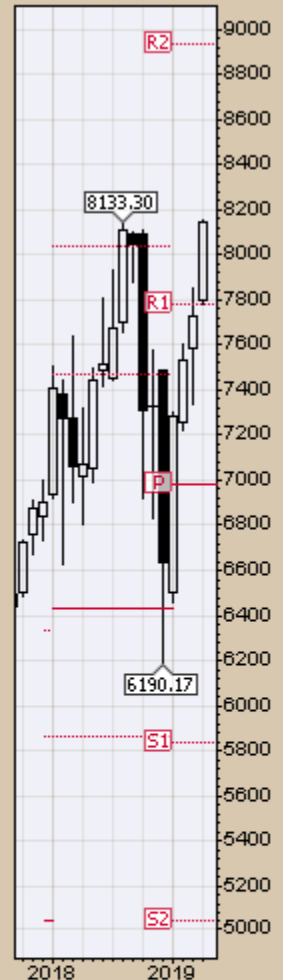
PIVOTS 2003.78, 2255.32, 2598.11, 2849.65, 3192.44

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



\$COMPQ (Monthly) 8146.40
MA(200) 3436.82
PIVOTS 5043.11, 5839.20, 6986.25, 7782.33, 8929.38

CHART A 17. NASDAQ COMPOSITE, MONTHLY CHART

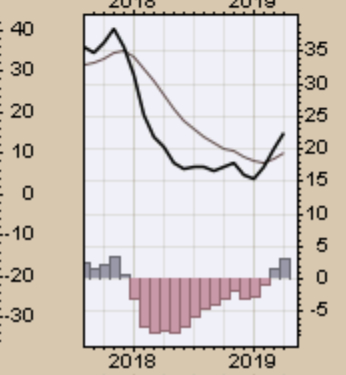
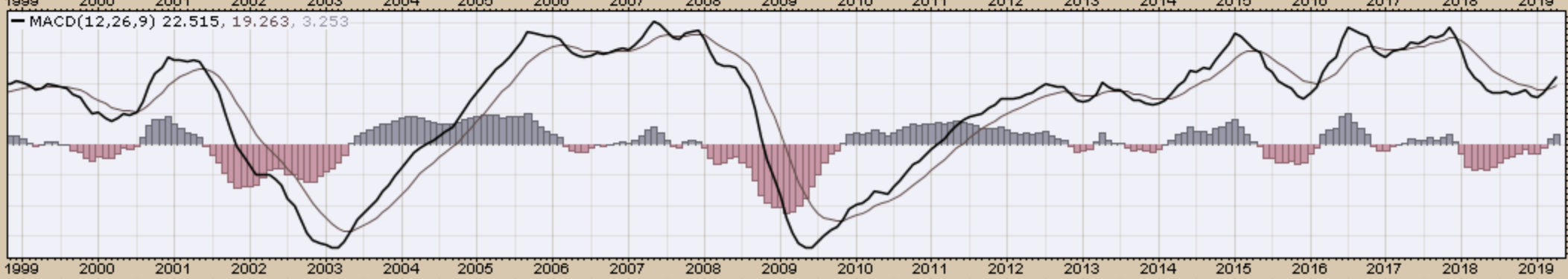
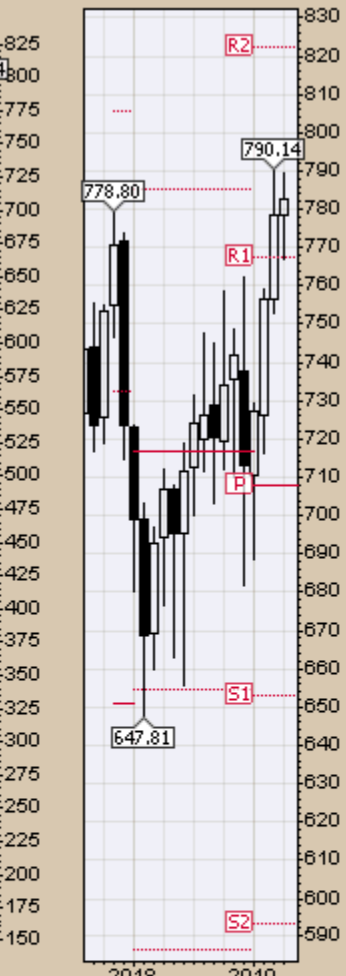


\$UTIL (Monthly) 782.52

MA(200) 479.75

PIVOTS 593.22, 653.07, 707.67, 767.52, 822.12

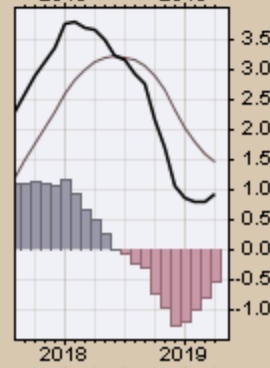
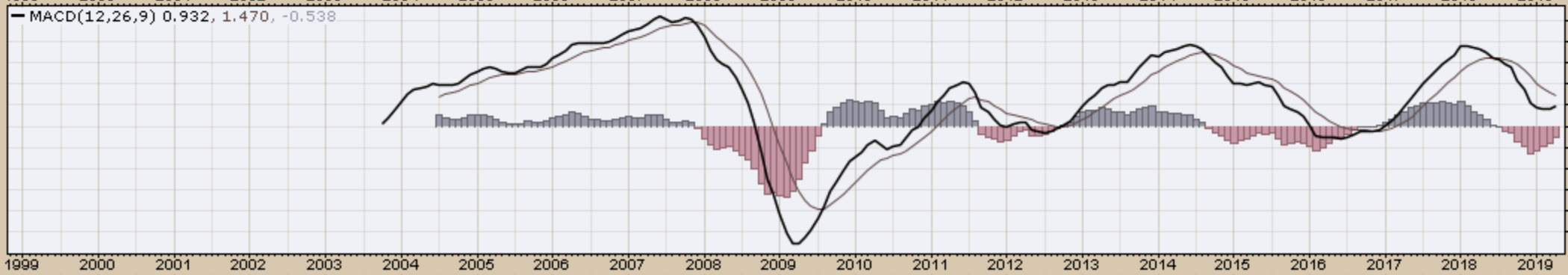
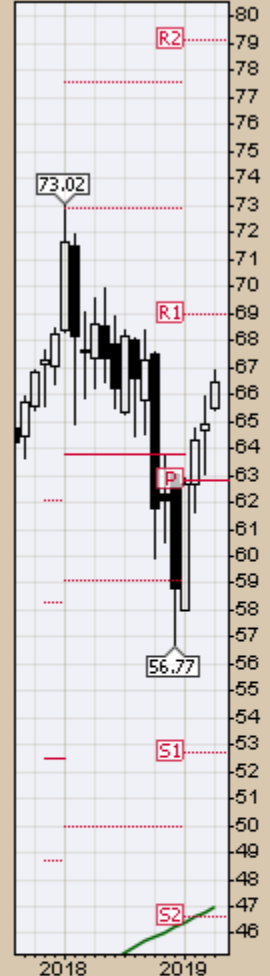
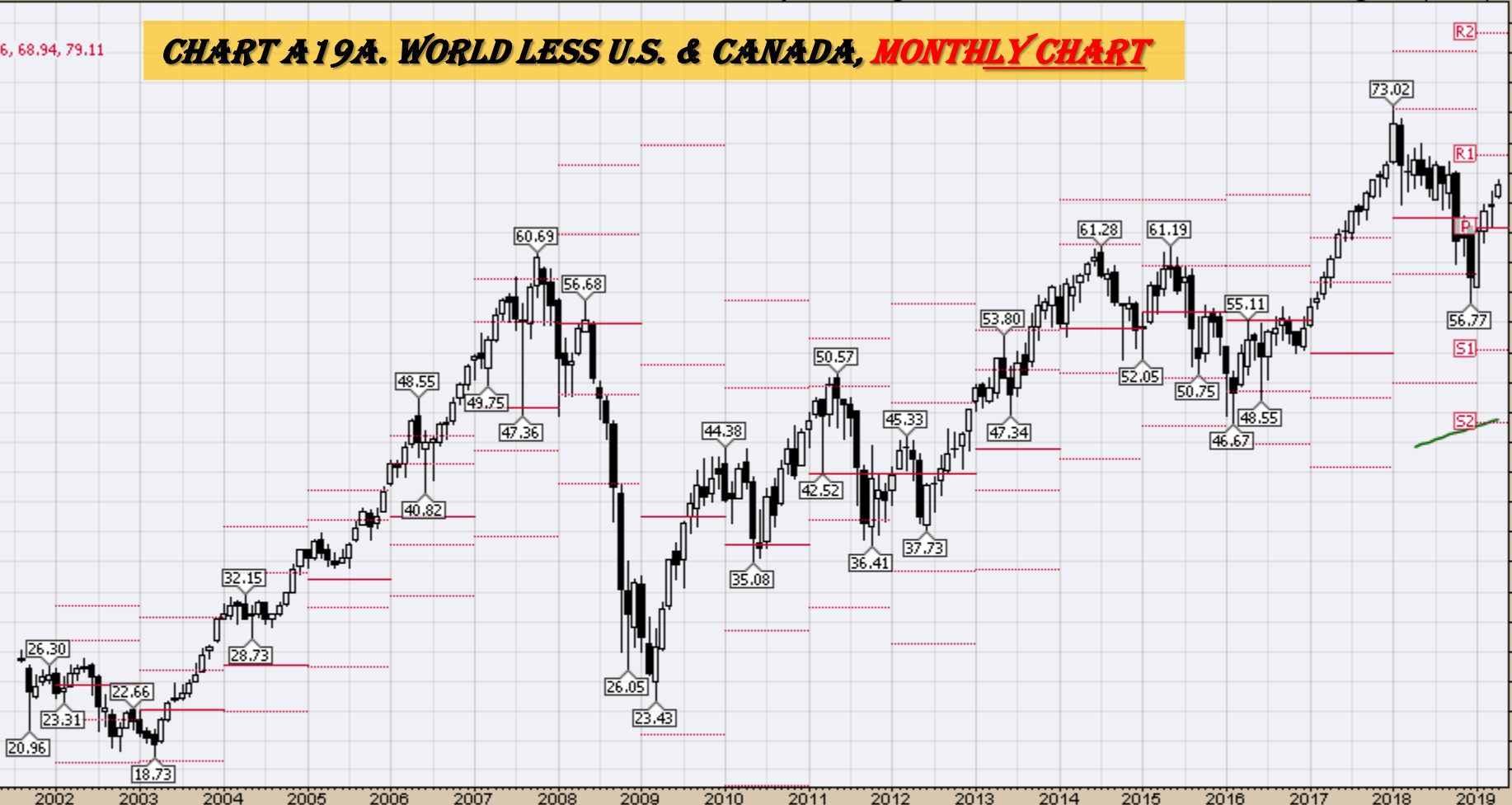
CHART A18. DOW UTILITIES, MONTHLY CHART



Select Global Equity Charts

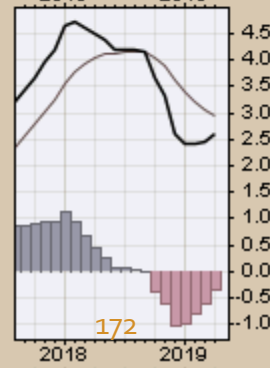
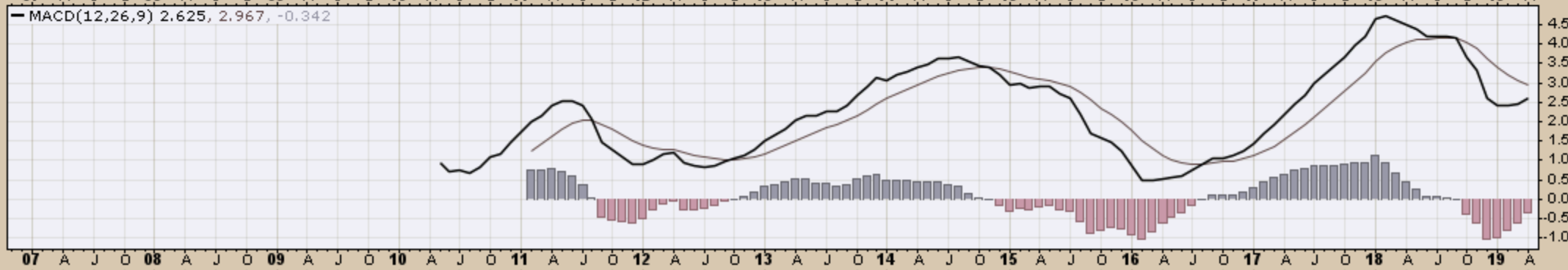
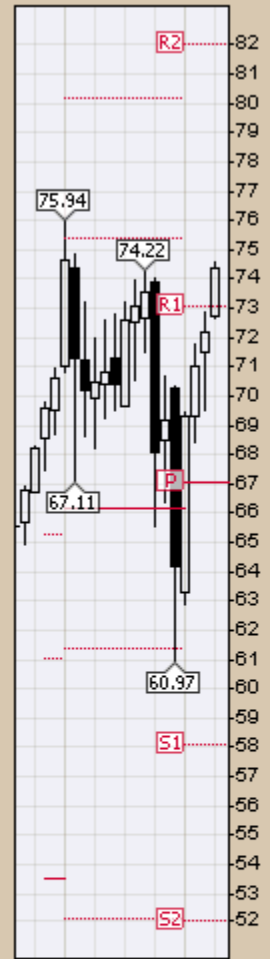
▲ EFA (Monthly) 66.45
— MA(200) 46.98
— PIVOTS 46.61, 52.69, 62.86, 68.94, 79.11

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



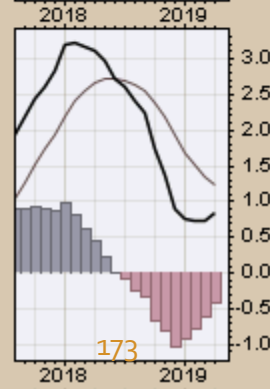
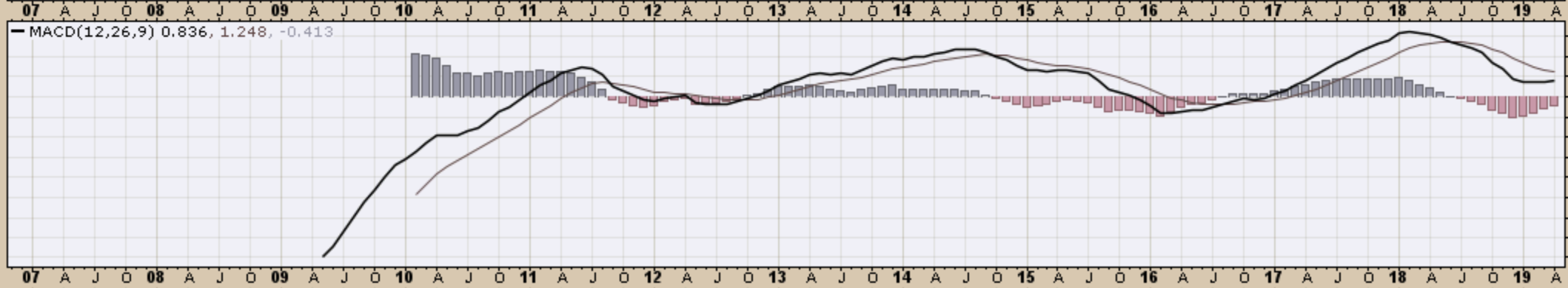
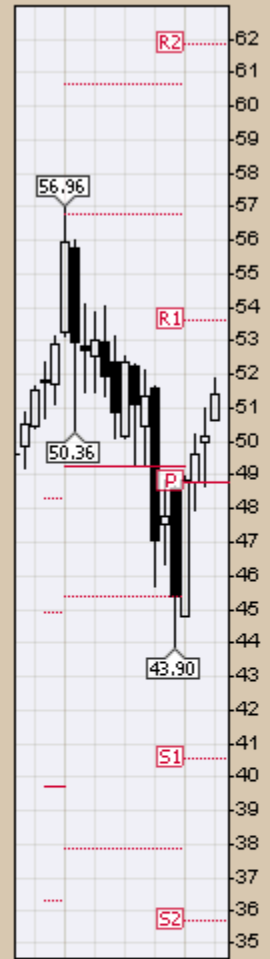
ACWI (Monthly) 74.37
MA(200) undef
PIVOTS 52.05, 58.11, 67.02, 73.08, 81.99

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



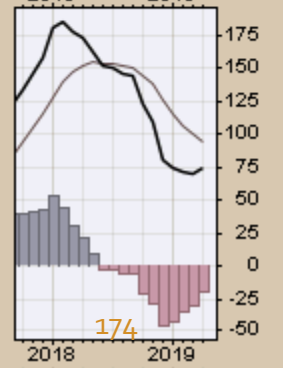
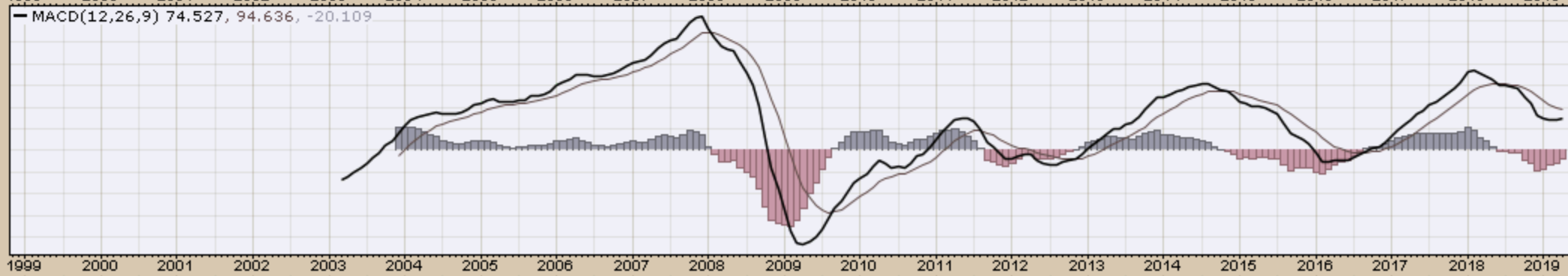
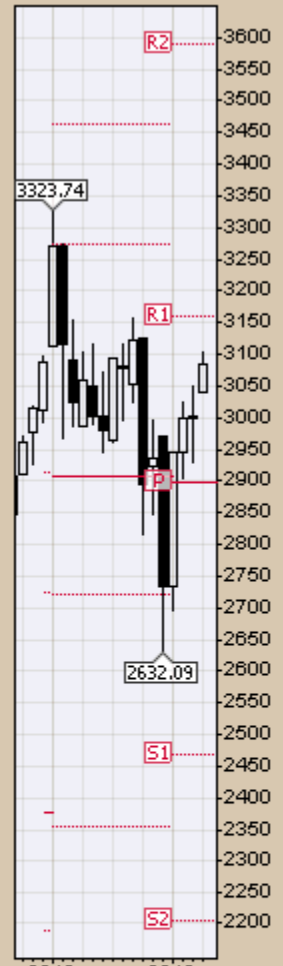
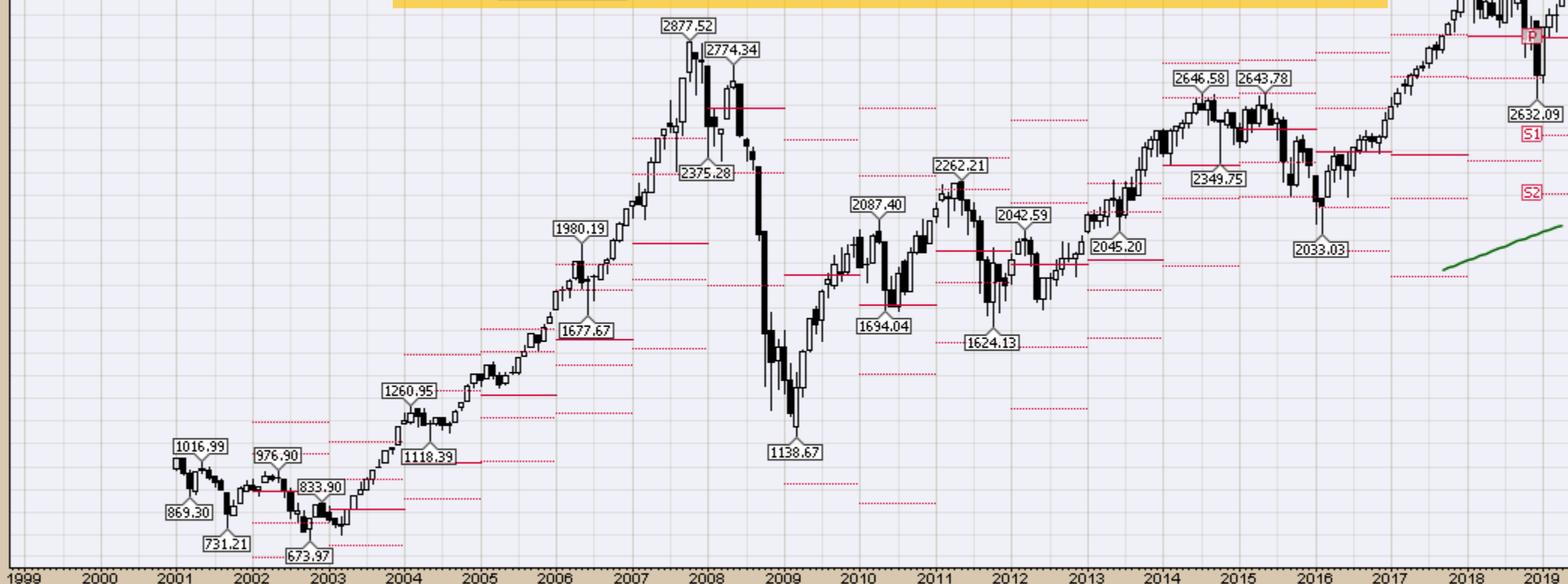
VEU (Monthly) 51.42
MA(200) undef
PIVOTS 35.70, 40.56, 48.76, 53.62, 61.82

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



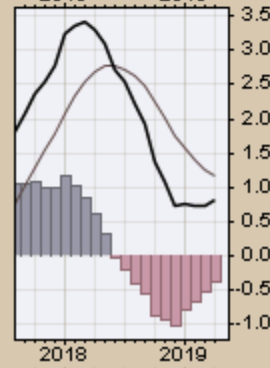
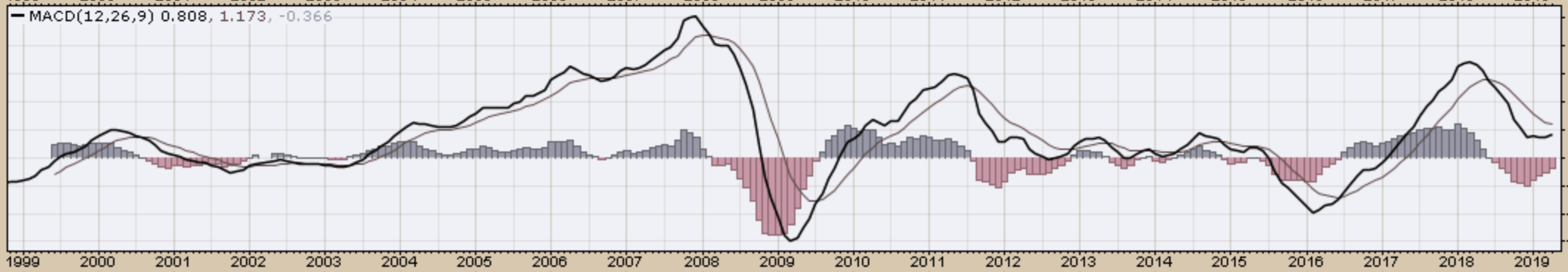
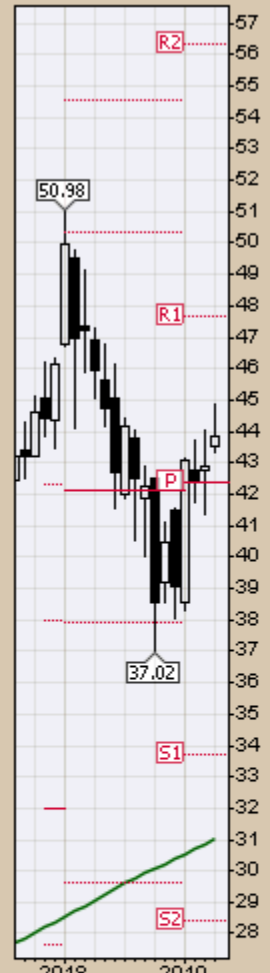
\$GDOW (Monthly) 3085.72
MA(200) 2071.07
PIVOTS 2205.09, 2469.75, 2896.74, 3161.40, 3588.39

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) 43.88
MA(200) 31.05
PIVOTS 28.39, 33.73, 42.35, 47.68, 56.31

CHART A20. EMERGING MARKETS, MONTHLY CHART



FM (Monthly) 28.28
MA(200) undef
PIVOTS 19.90, 23.02, 28.92, 32.05, 37.95

CHART A20. FRONTIER, MONTHLY CHART

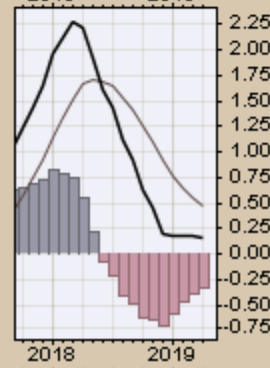
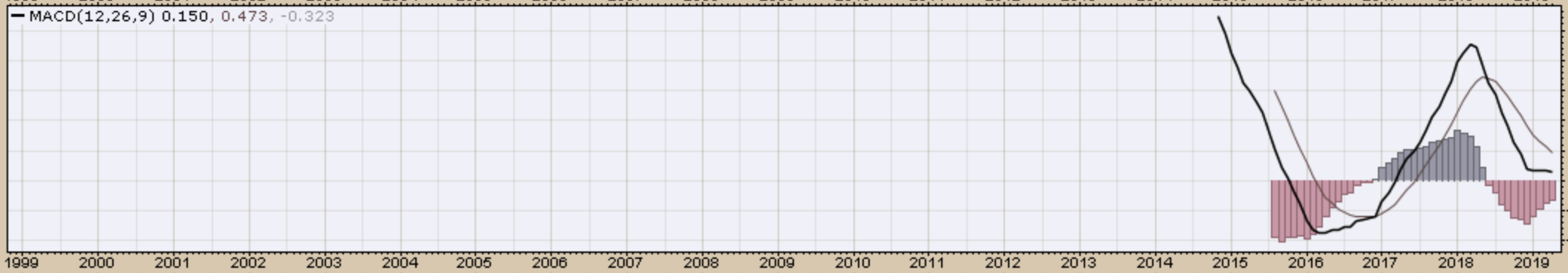
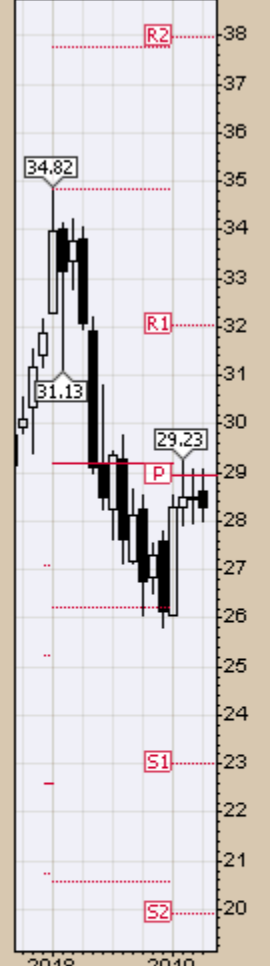
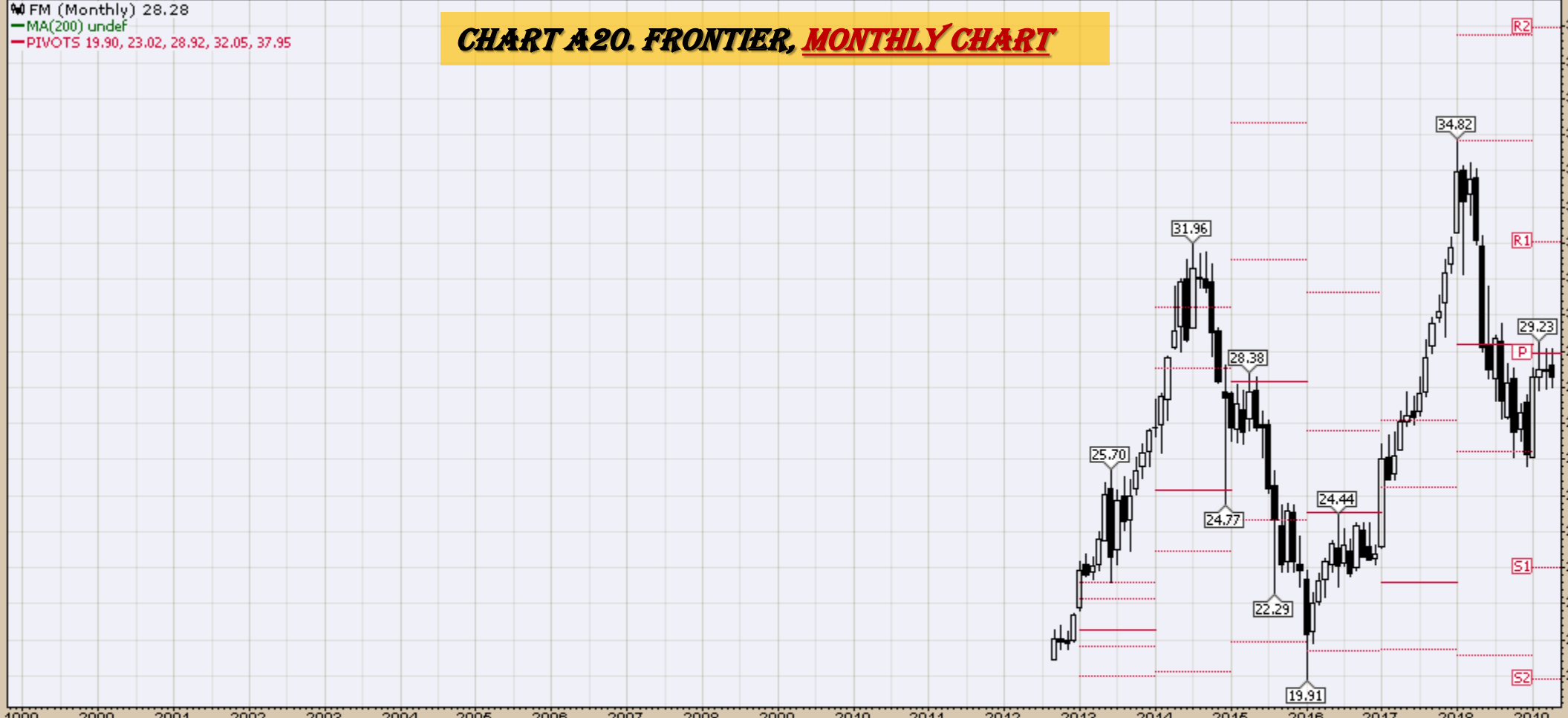
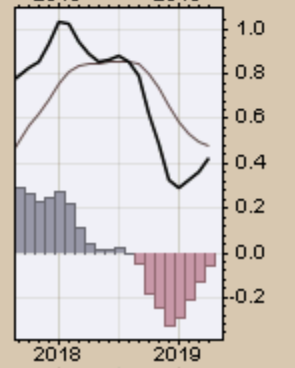
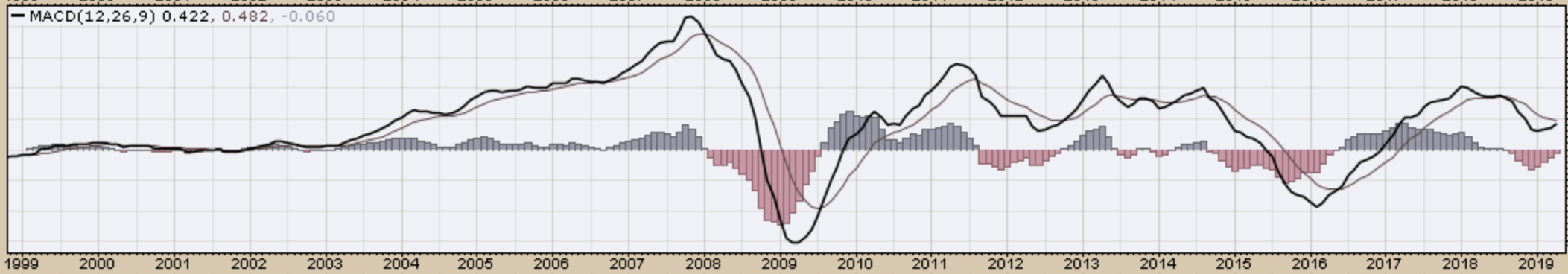
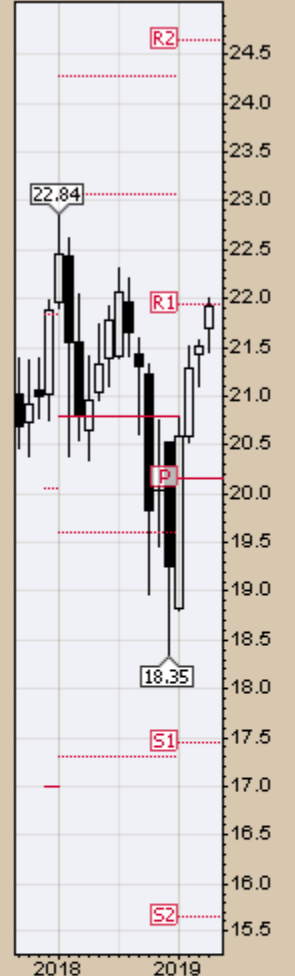


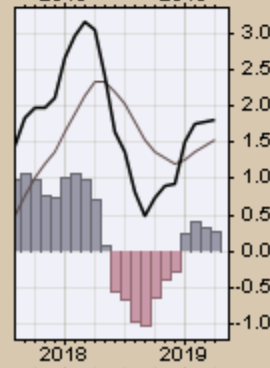
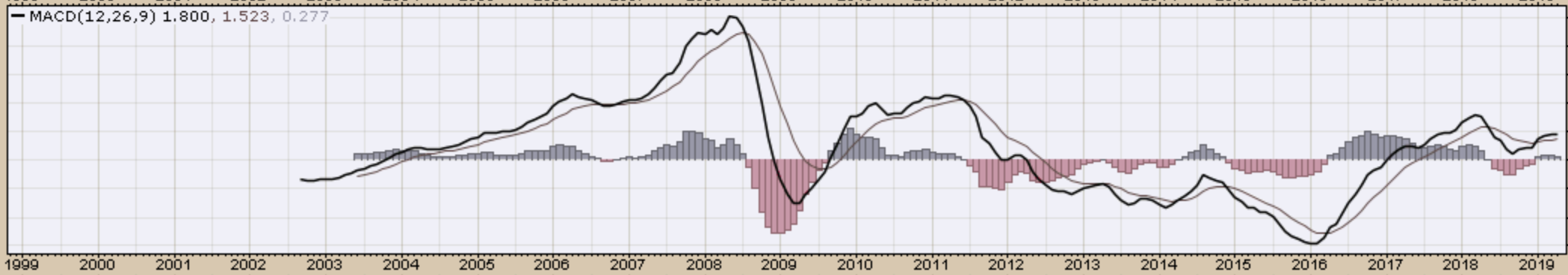
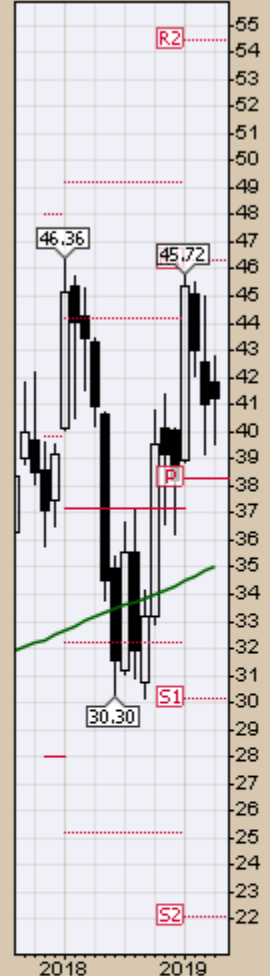
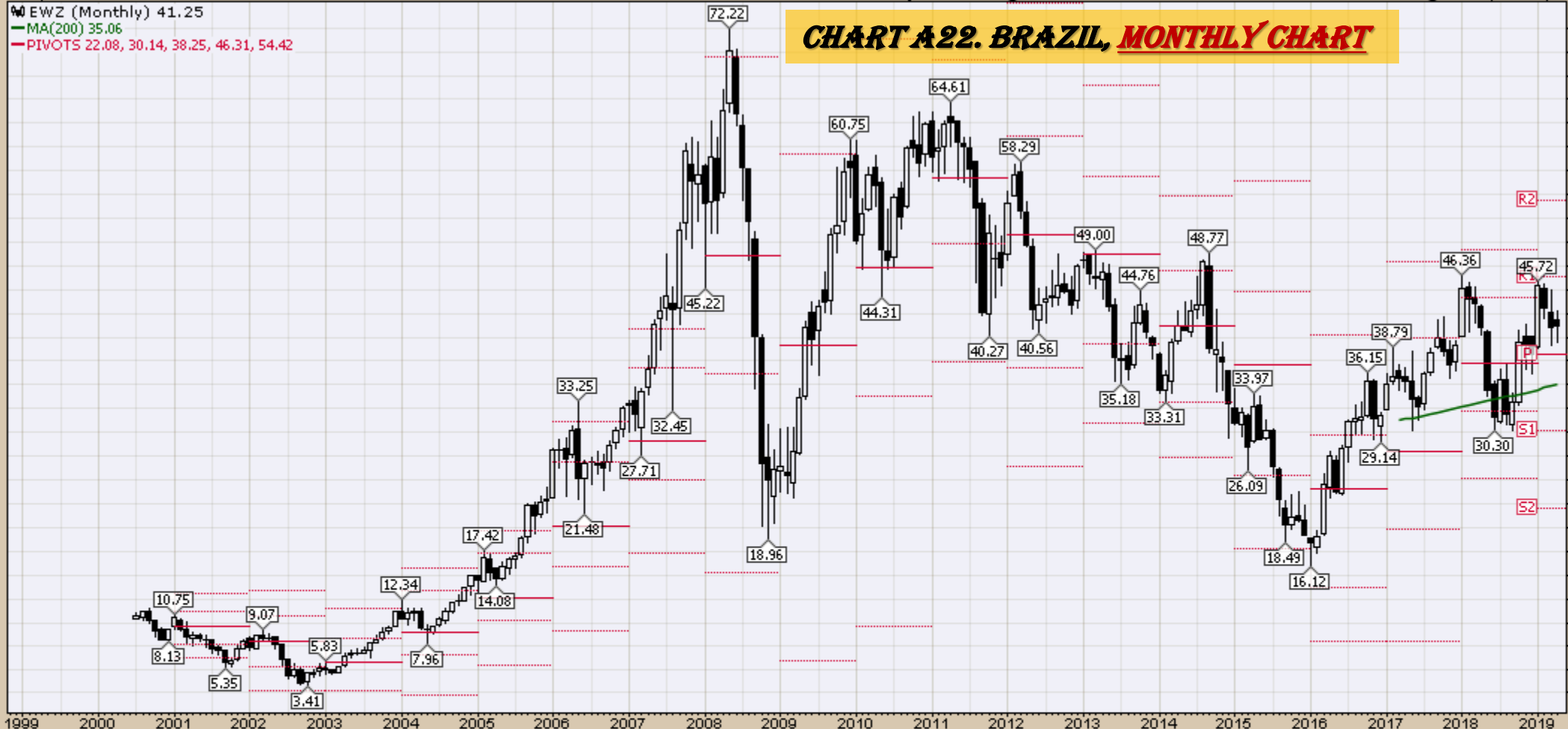
CHART A21. AUSTRALIA, MONTHLY CHART

EWA (Monthly) 21.93
MA(200) 14.81
PIVOTS 15.65, 17.45, 20.15, 21.95, 24.64



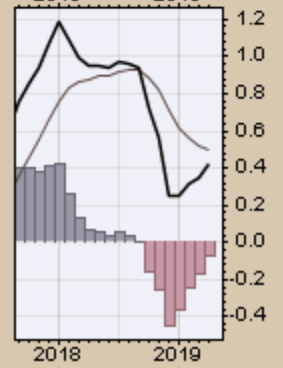
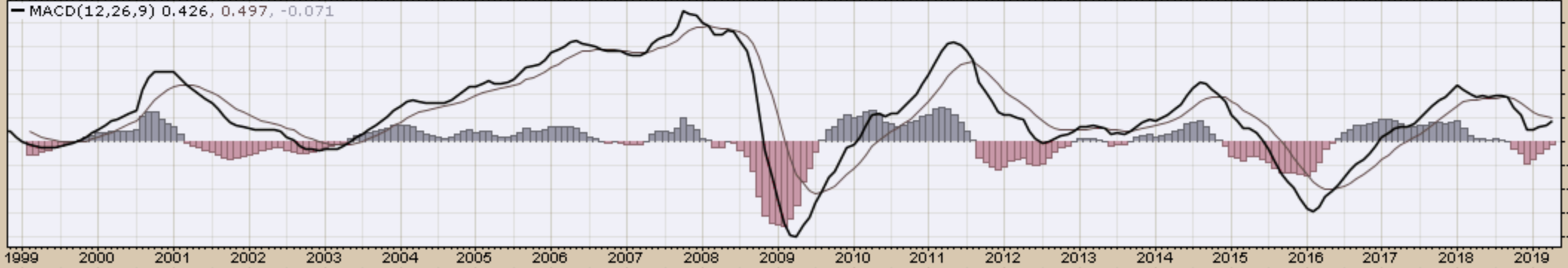
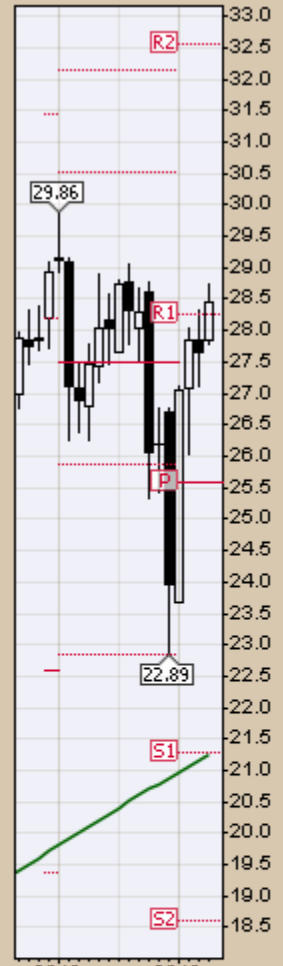
EWZ (Monthly) 41.25
MA(200) 35.06
PIVOTS 22.08, 30.14, 38.25, 46.31, 54.42

CHART A22. BRAZIL, MONTHLY CHART



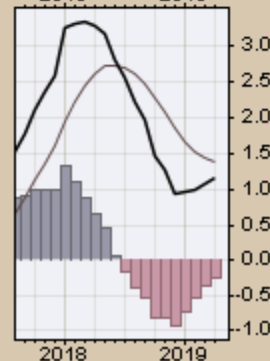
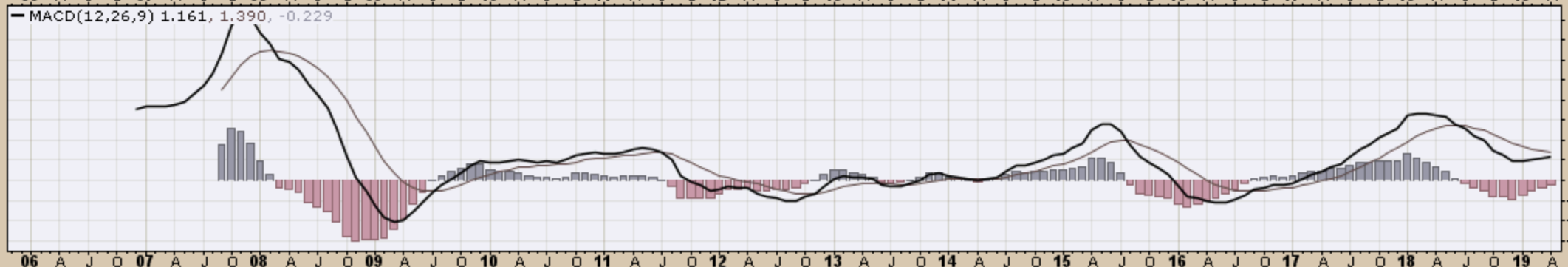
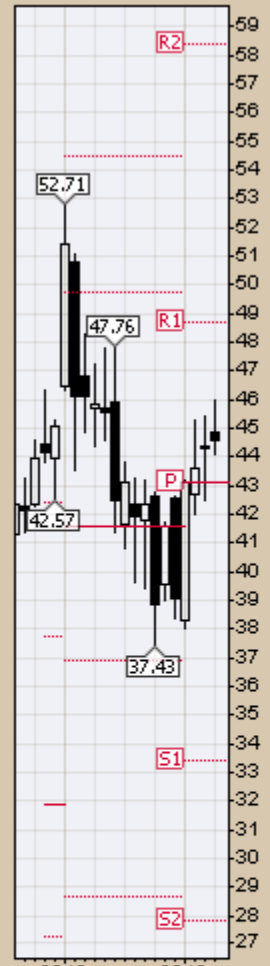
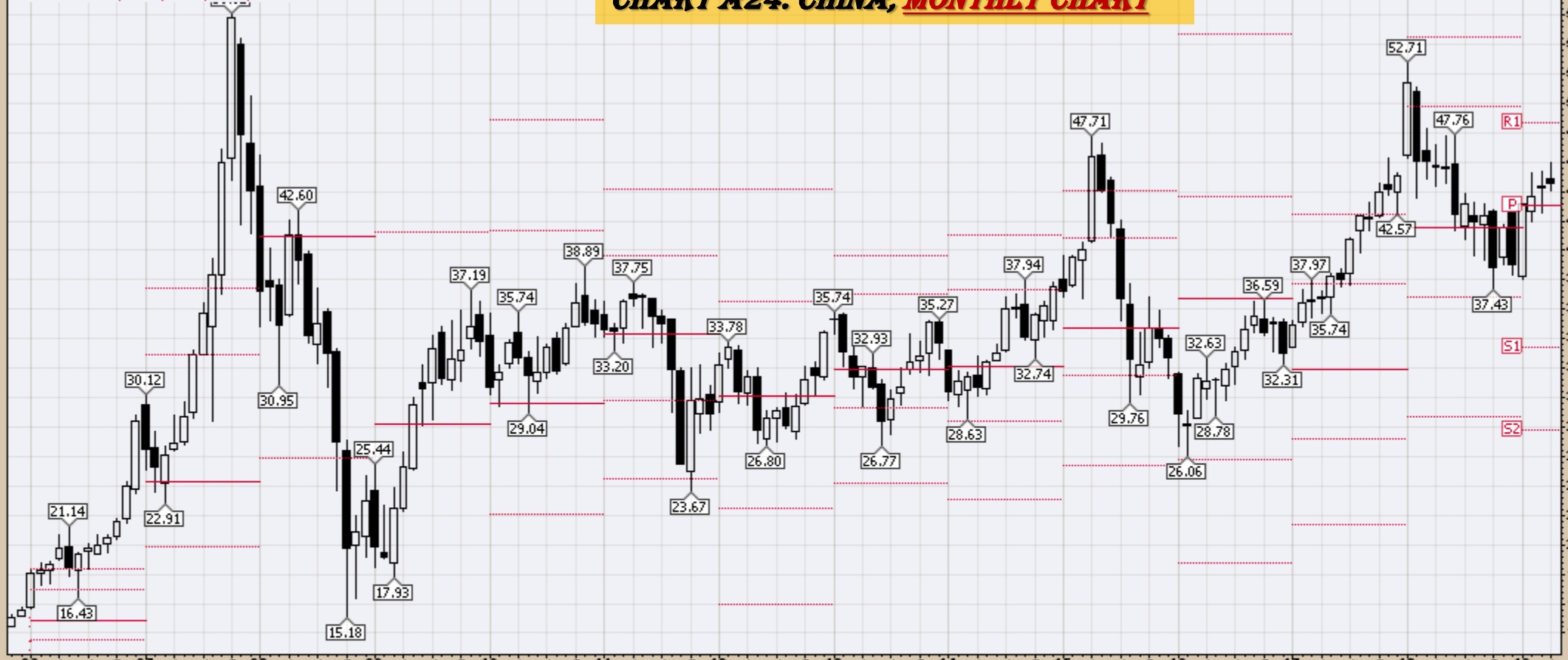
EWC (Monthly) 28.46
MA(200) 21.27
PIVOTS 18.60, 21.28, 25.57, 28.25, 32.54

CHART #23. CANADA, MONTHLY CHART



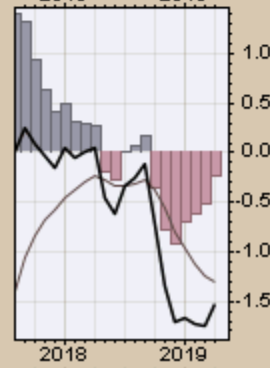
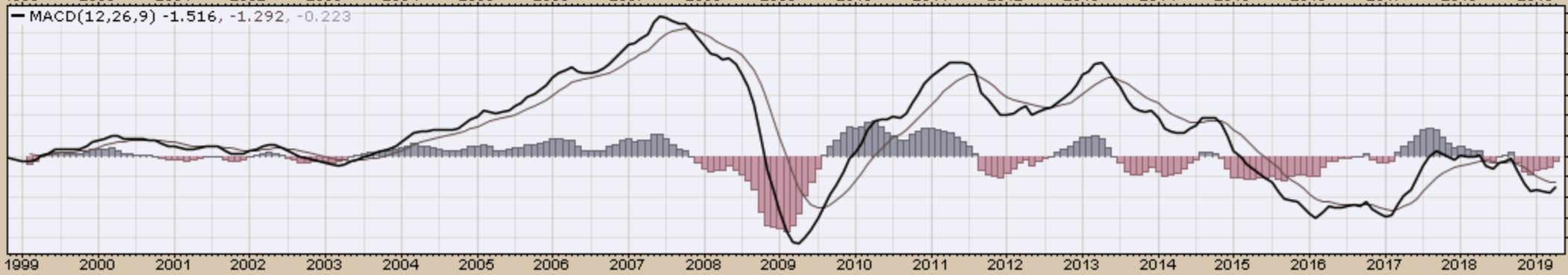
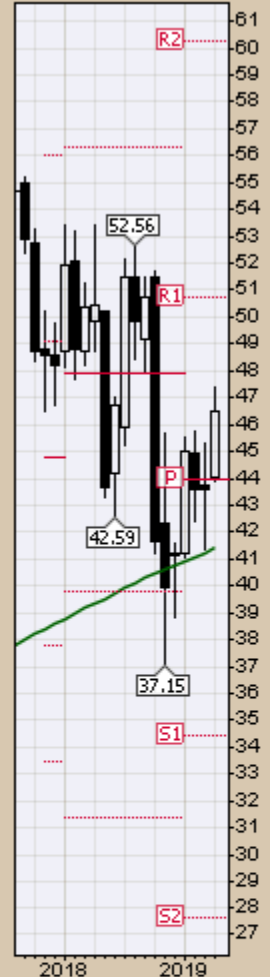
FXI (Monthly) 44.60
MA(200) undef
PIVOTS 27.79, 33.44, 43.07, 48.72, 58.35

CHART A24. CHINA, MONTHLY CHART



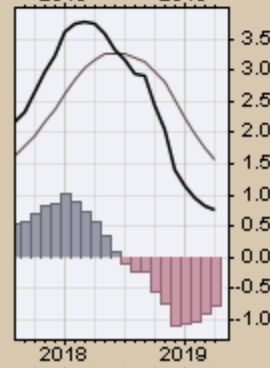
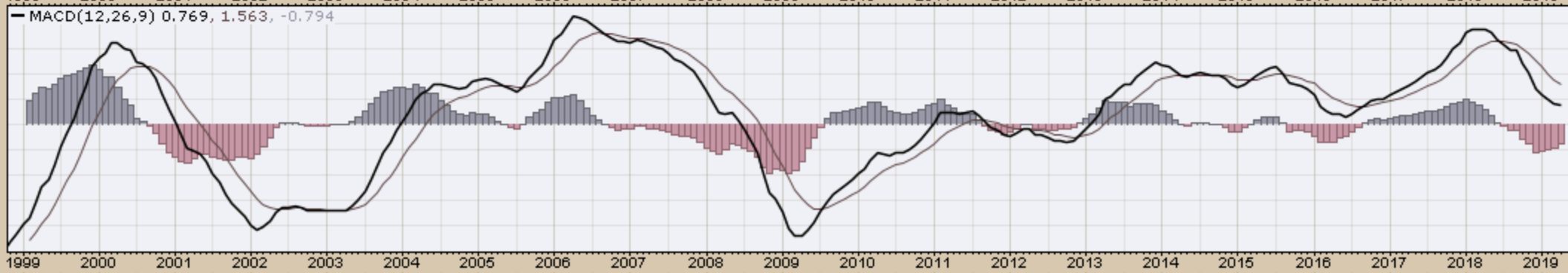
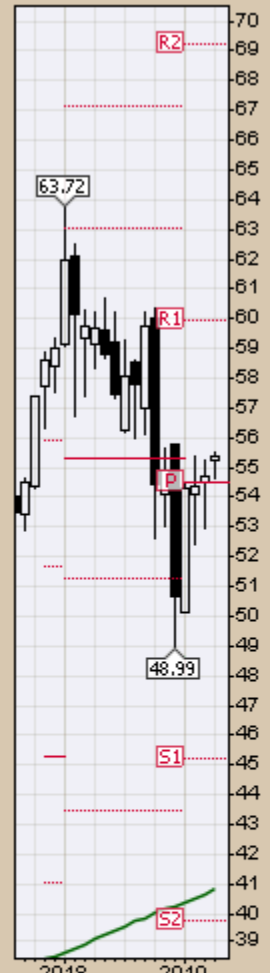
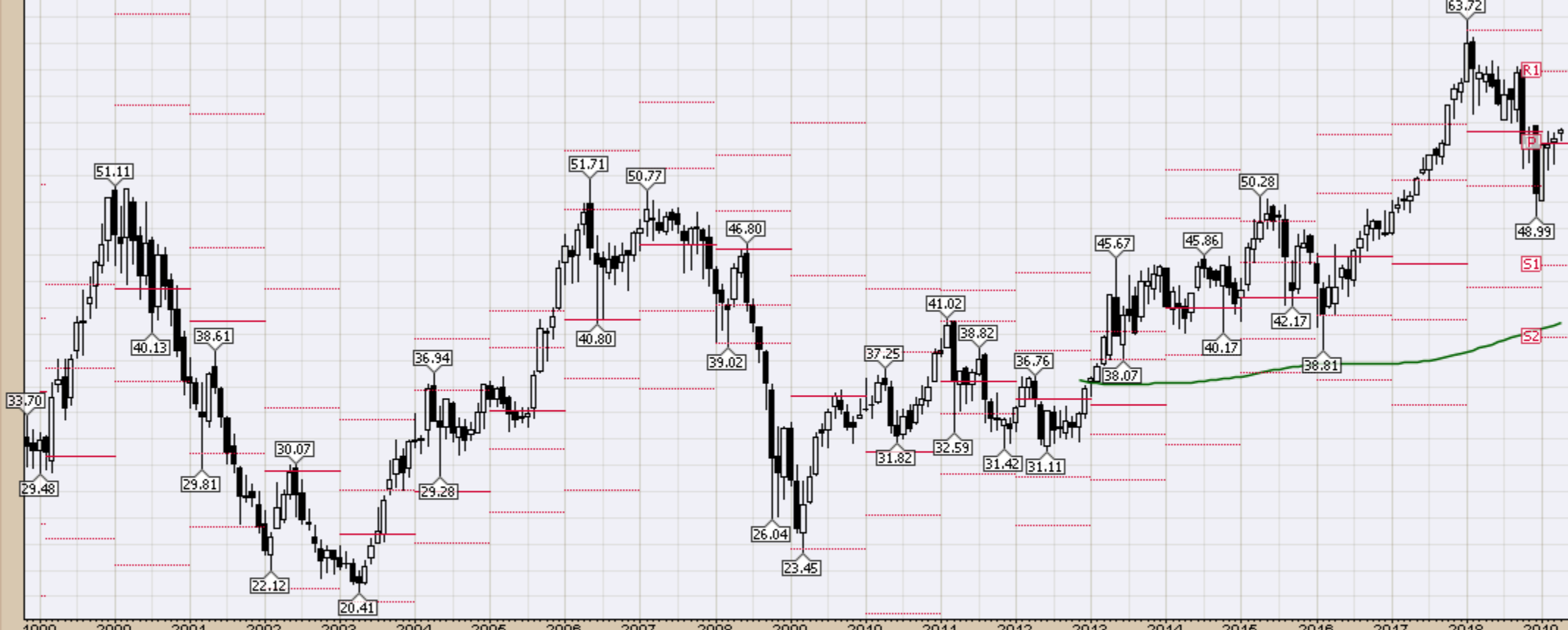
EWW (Monthly) 46.52
MA(200) 41.41
PIVOTS 27.62, 34.40, 43.93, 50.70, 60.23

CHART A25. MEXICO, MONTHLY CHART



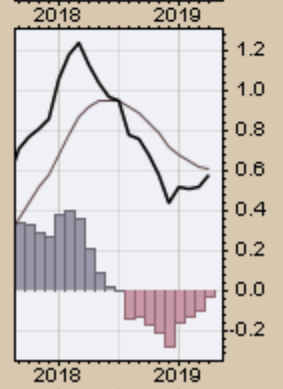
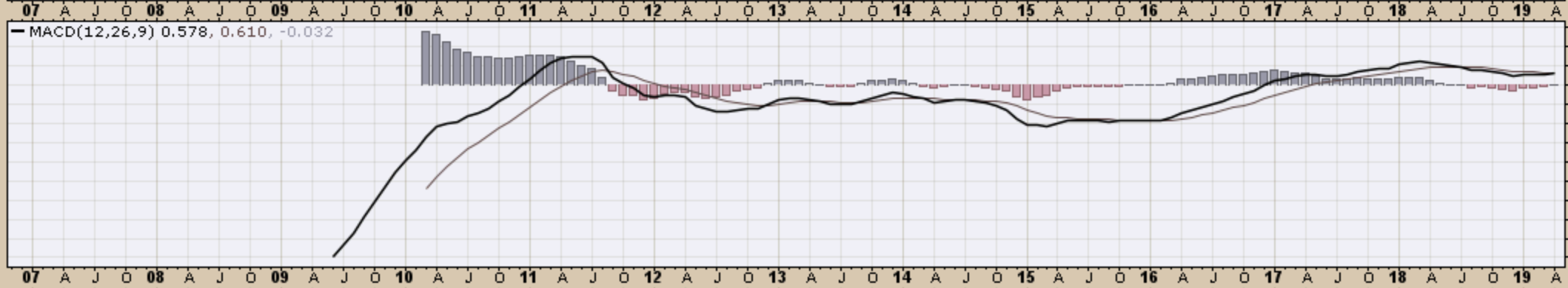
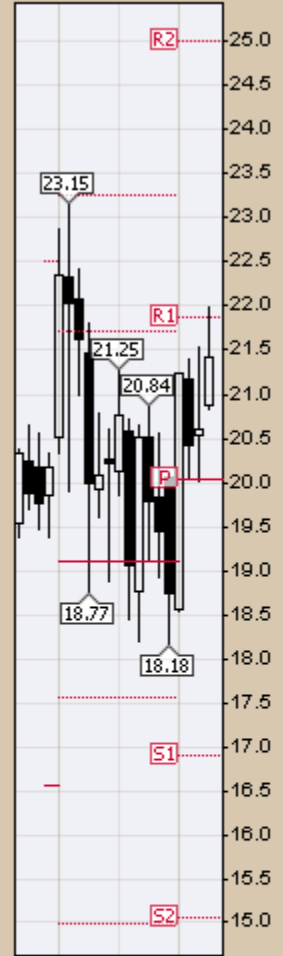
EWJ (Monthly) 55.40
MA(200) 40.82
PIVOTS 39.74, 45.21, 54.47, 59.94, 69.20

CHART A26. JAPAN, MONTHLY CHART



RSX (Monthly) 21.4269
MA(200) undef
PIVOTS 15.06, 16.90, 20.03, 21.87, 24.99

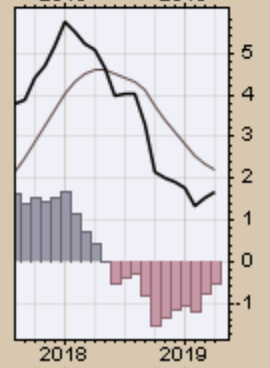
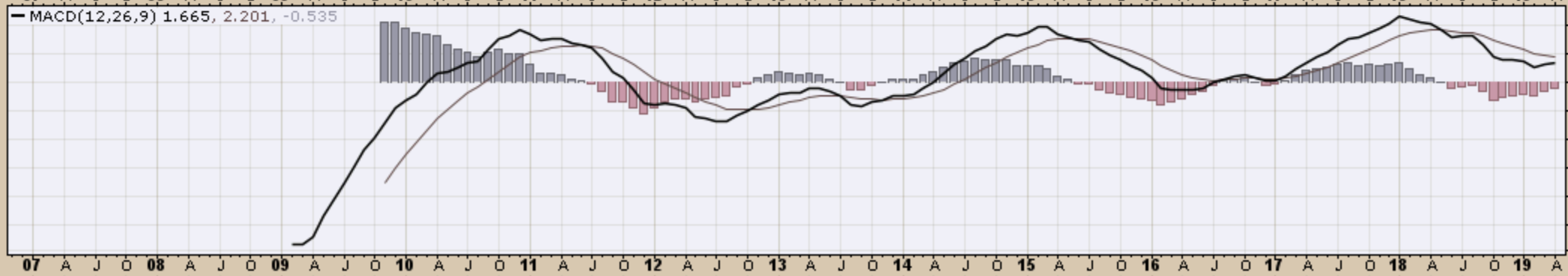
CHART A27. RUSSIA, MONTHLY CHART



INPTF (Monthly) 83.33

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

CHART A28. INDIA, MONTHLY CHART



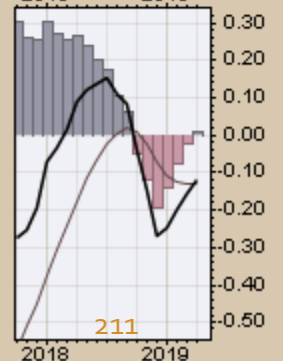
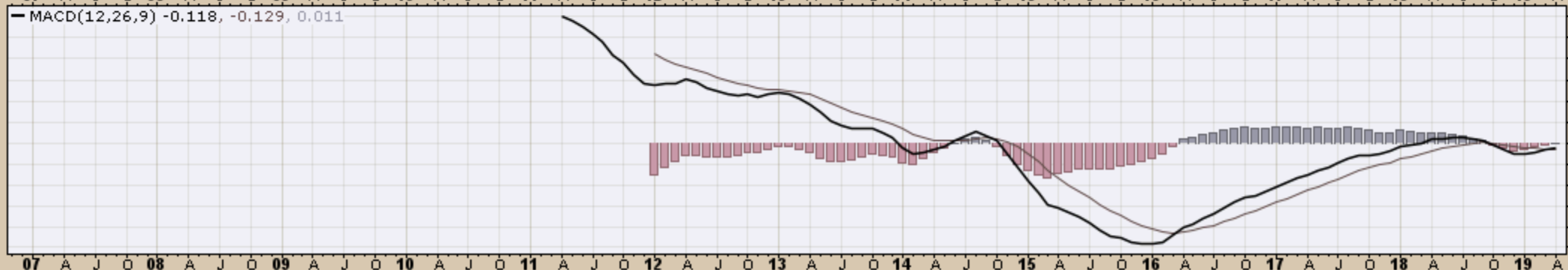
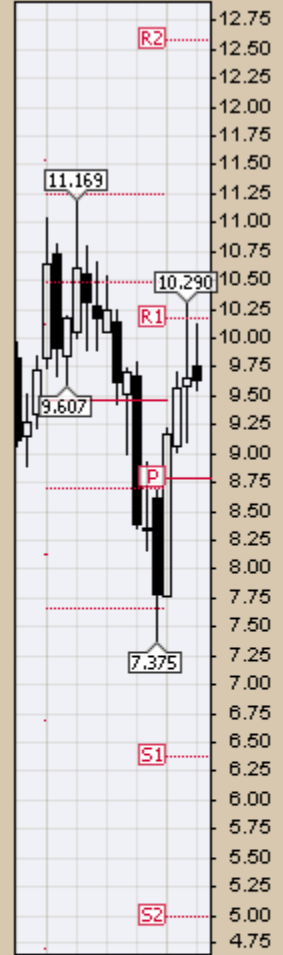
26-Apr-2019

▲ GXG (Monthly) 9.63

— MA(200) undef

— PIVOTS 4.98, 6.39, 8.78, 10.18, 12.57

Open 9.76 High 10.12 Low 9.55 Close 9.63 Volume 2.0M Chg -0.02 (-0.21%) ▼



CRB Commodity Index
Weekly, Daily and Monthly Charts

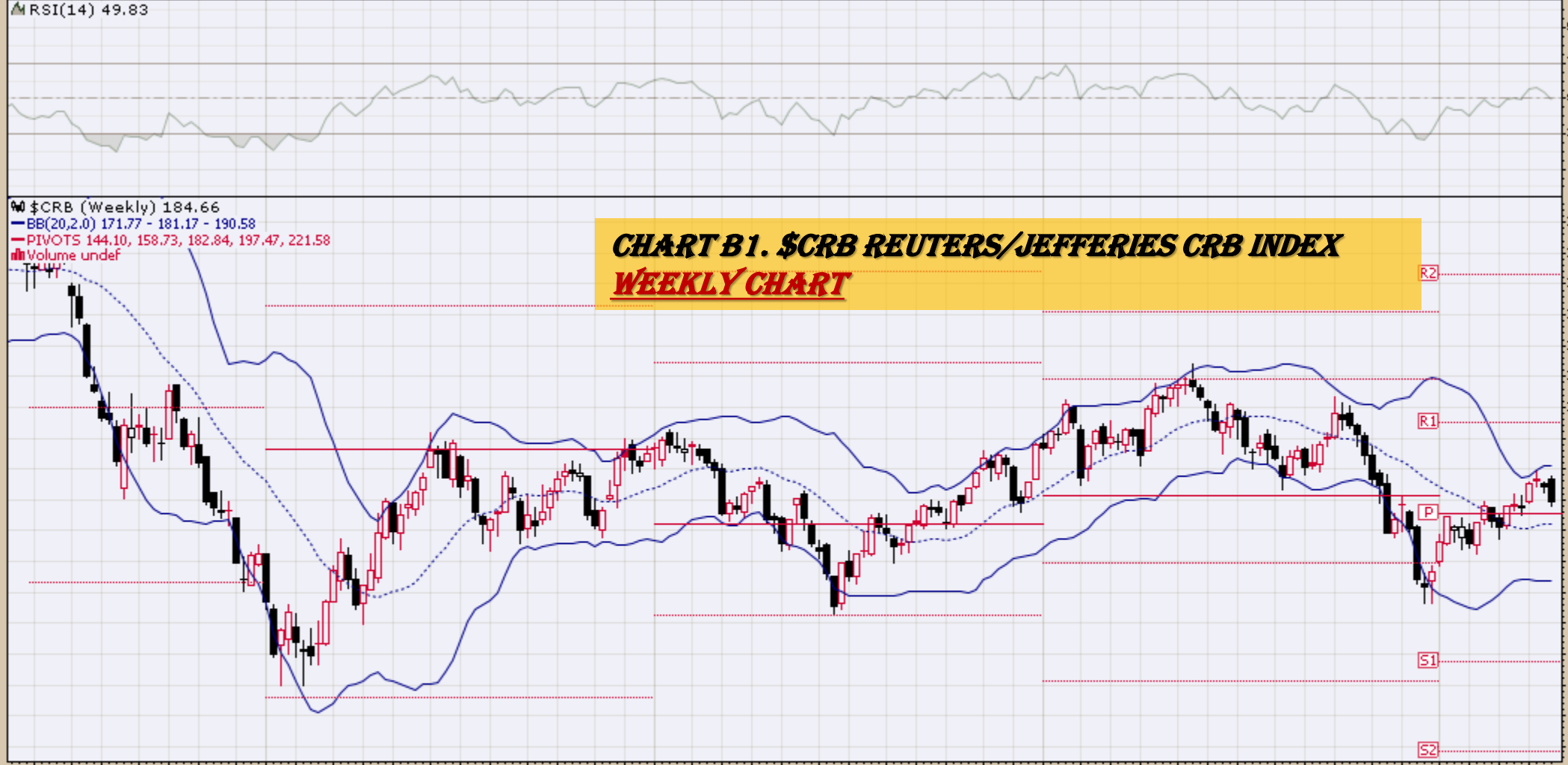
26-Apr-2019

Open 188.29 High 188.87 Low 183.91 Close 184.66 Chg -2.47 (-1.32%)

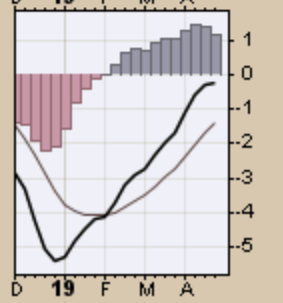
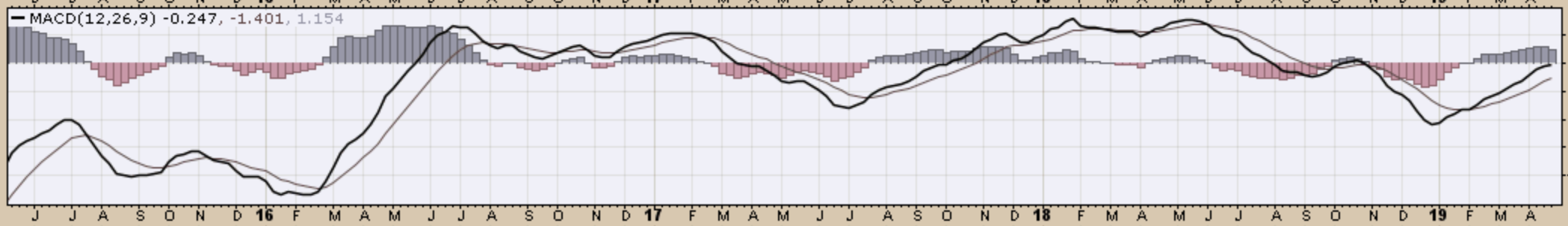
▲ RSI(14) 49.83

● \$CRB (Weekly) 184.66
— BB(20,2.0) 171.77 - 181.17 - 190.58
— PIVOTS 144.10, 158.73, 182.84, 197.47, 221.58
■ Volume undef

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

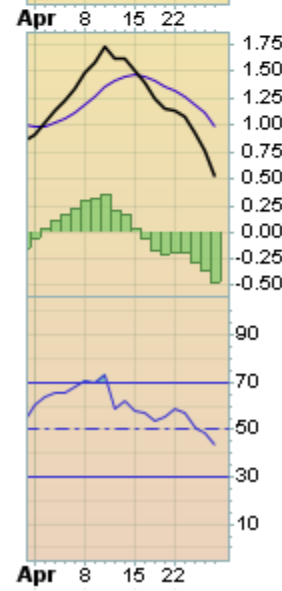
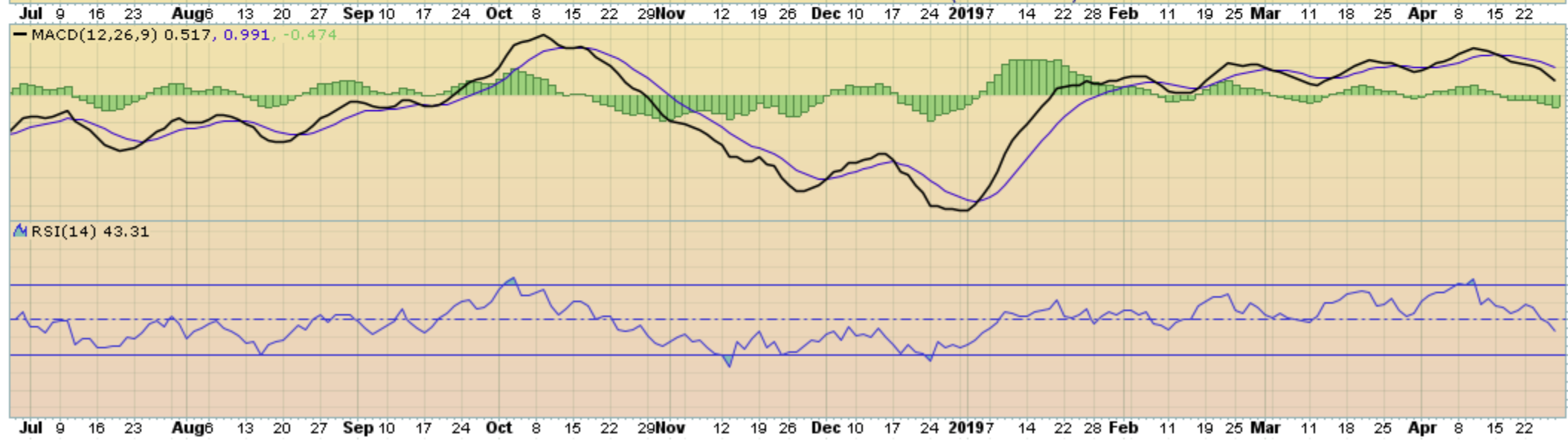
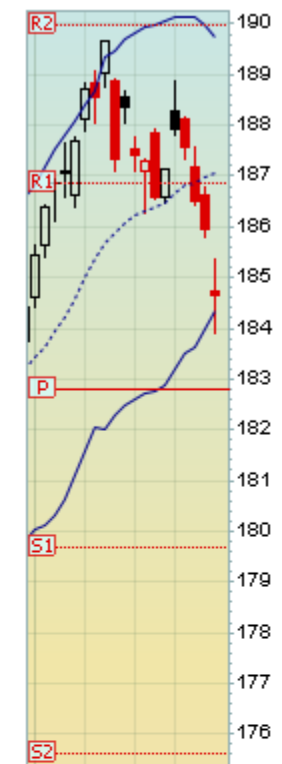


— MACD(12,26,9) -0.247, -1.401, 1.154



26-Apr-2019

Open 184.72 High 185.35 Low 183.91 Close 184.66 Chg -1.30 (-0.70%)



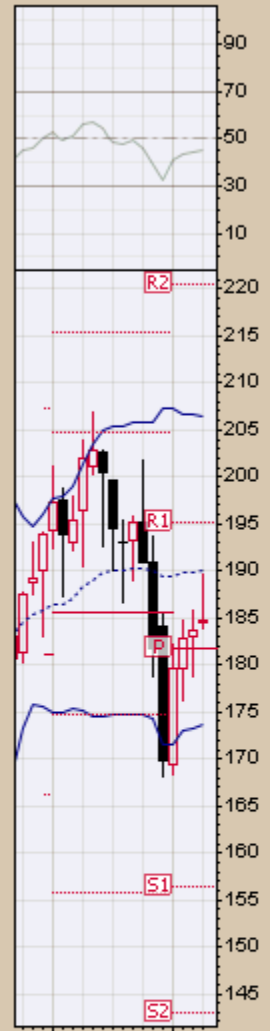
26-Apr-2019

Open 184.63 High 189.68 Low 183.91 Close 184.66 Chg +0.91 (+0.49%) ▲

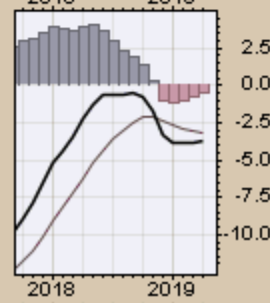
▲ RSI(14) 45.55

▲ \$CRB (Monthly) 184.66
— BB(20,2.0) 173.68 - 190.08 - 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) -3.647, -3.171, -0.476



26-Apr-2019

Open 184.63 High 189.68 Low 183.91 Close 184.66 Chg +0.91 (+0.49%) ▲

MACD(12,26,9) -22.224, -24.543, 2.319

% \$CRB (Quarterly) 184.66

MA(50) 261.78

MA(200) 232.42

EMA(20) 204.67

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



26-Apr-2019

Open 184.63 High 189.68 Low 183.91 Close 184.66 Chg +0.91 (+0.49%) ▲

— \$CRB (Monthly) 184.66
— MA(200) 269.52
■ Volume undef

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

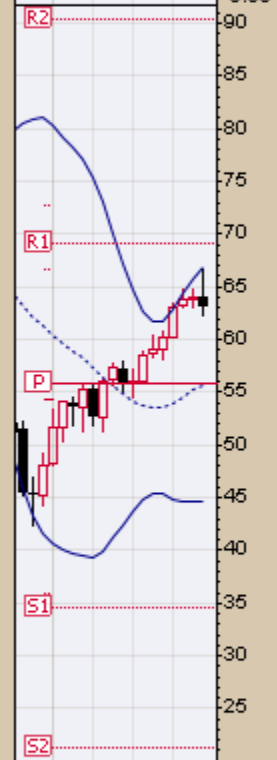
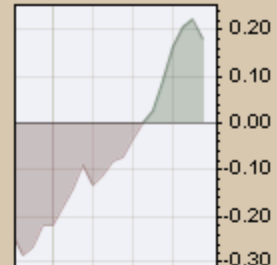


***\$WTIC Light Crude Oil
Weekly, Daily and Monthly Charts***

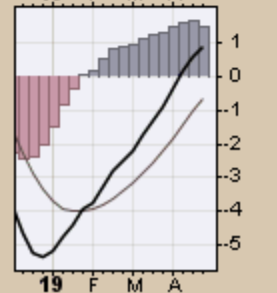
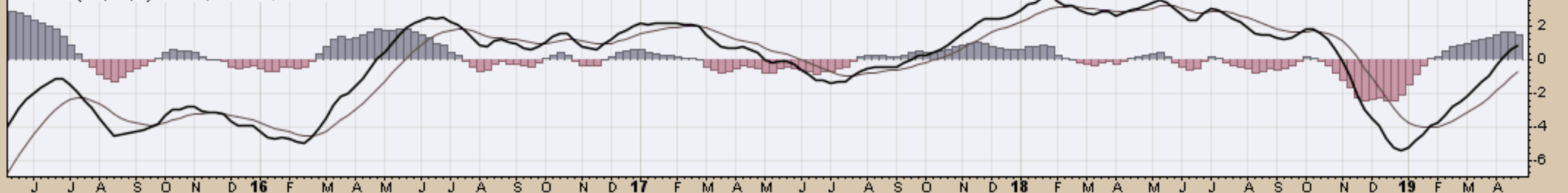
▲ CMF(20) 0.183

● \$WTIC (Weekly) 63.30
— BB(20,2,0) 44.65 - 55.73 - 66.80
— PIVOTS 21.20, 34.58, 55.74, 69.12, 90.28

CHART B6. \$WTIC, WEEKLY CHART



— MACD(12,26,9) 0.872, -0.653, 1.525



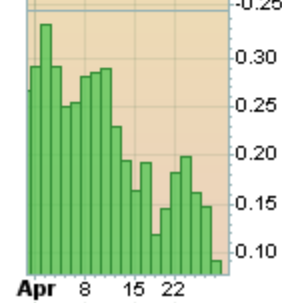
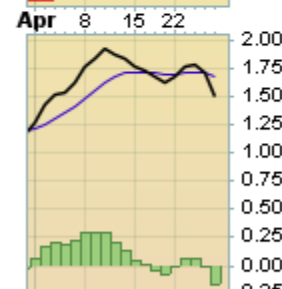
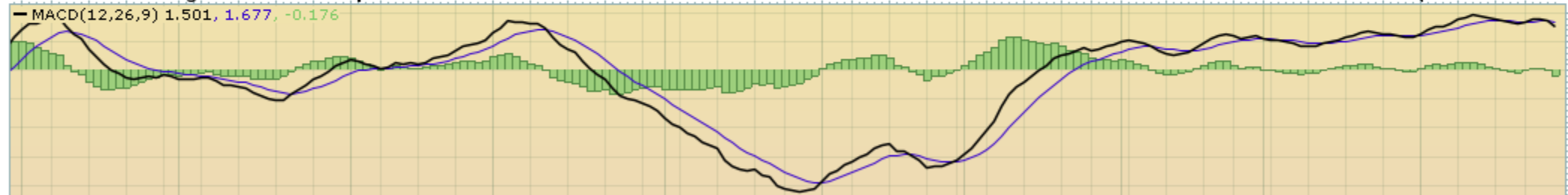
26-Apr-2019

Open 65.13 High 65.18 Low 62.28 Close 63.30 Volume 99.3M Chg -1.91 (-2.93%)

Light Crude Oil - Continuous Contract (EOD) (Daily) 63.30
BB(20,2.0) 60.80 - 63.70 - 66.60
PIVOTS 52.25, 56.20, 58.46, 62.41, 64.67



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 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr 8 15 22



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 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr 8 15 22

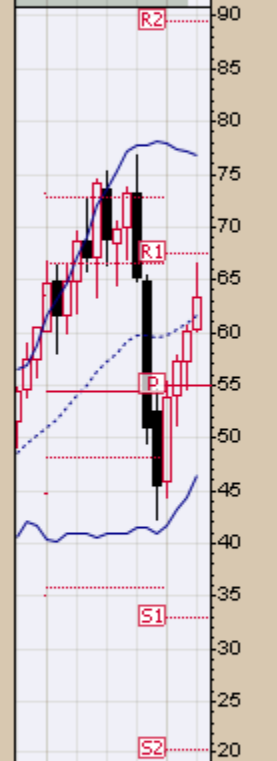
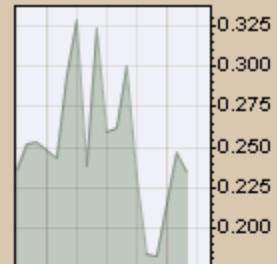
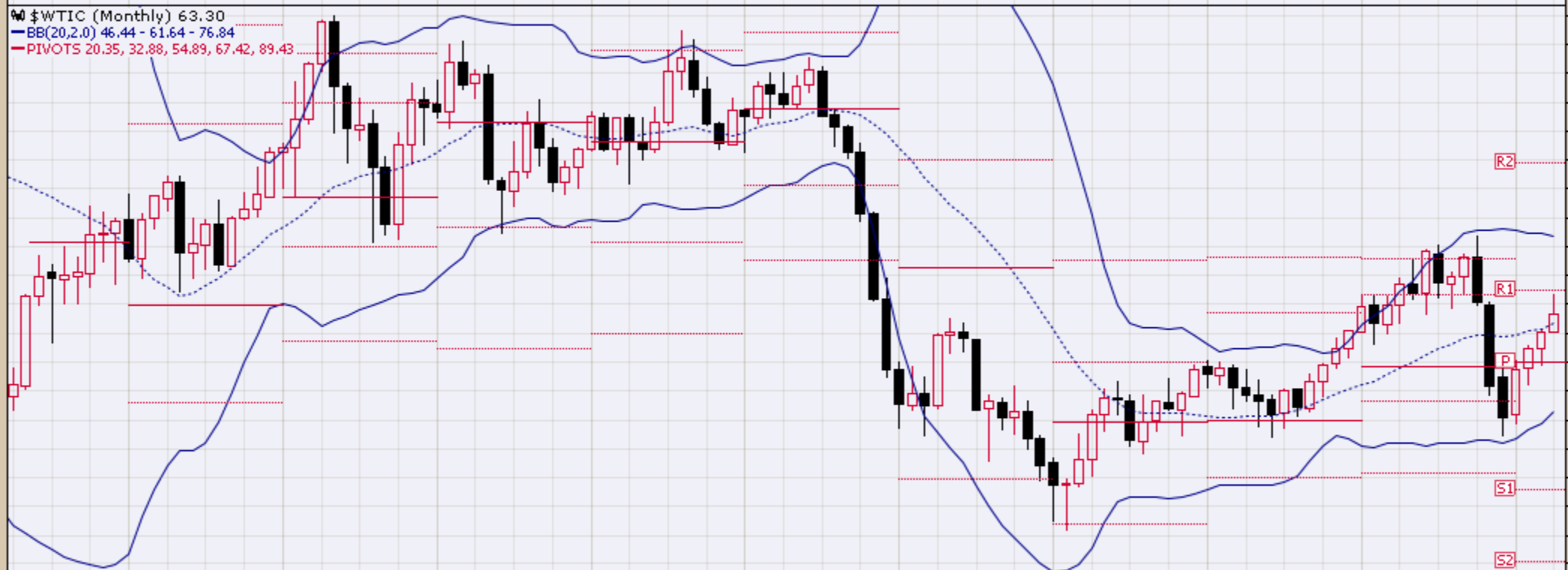
26-Apr-2019

Open 60.24 High 66.60 Low 60.13 Close 63.30 Volume 1.38 Chg +3.16 (+5.25%)▲

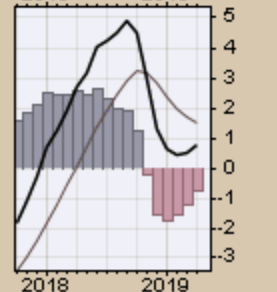
▲ CMF(20) 0.234 (29 Mar)

CHART B8. \$WTIC, MONTHLY CHART

▲ \$WTIC (Monthly) 63.30
— BB(20,2.0) 46.44 - 61.64 - 76.84
— PIVOTS 20.35, 32.88, 54.89, 67.42, 89.43



— MACD(12,26,9) 0.781, 1.521, -0.740



26-Apr-2019

Open 60.24 High 66.60 Low 60.13 Close 63.30 Volume 1.3B Chg +3.16 (+5.25%) ▲

— \$WTIC (Monthly) 63.30
— MA(200) 67.98

CHART B9. \$WTIC, MONTHLY CHART

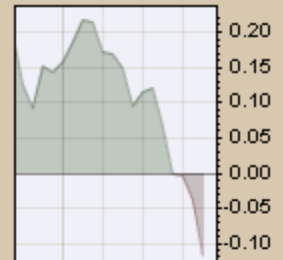


Soybeans
Weekly, Daily and Monthly Charts

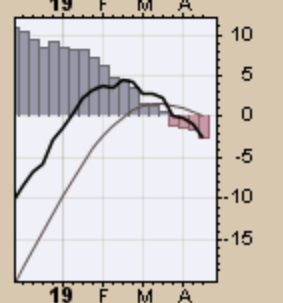
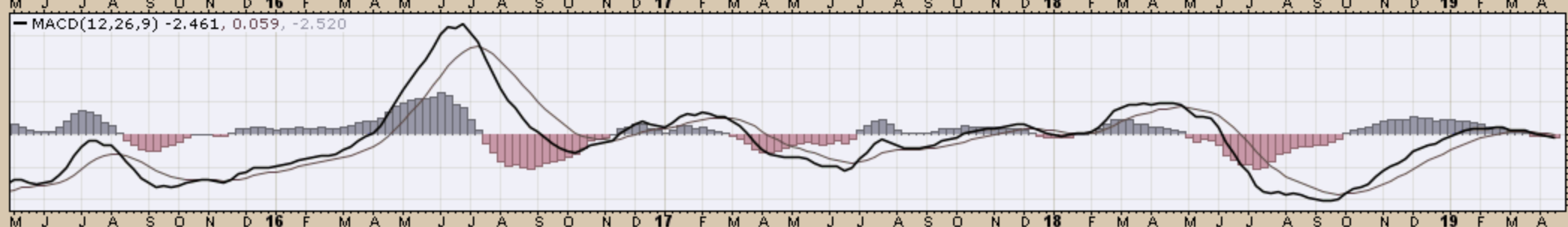
▲ CMF(20) -0.119

CHART B10. SOYBEANS, WEEKLY CHART

▲ \$SOYB (Weekly) 880.50
— BB(20,2.0) 881.72 - 906.35 - 930.98
— PIVOTS 668.50, 795.00, 938.75, 1065.25, 1209.00



— MACD(12,26,9) -2.461, 0.059, -2.520



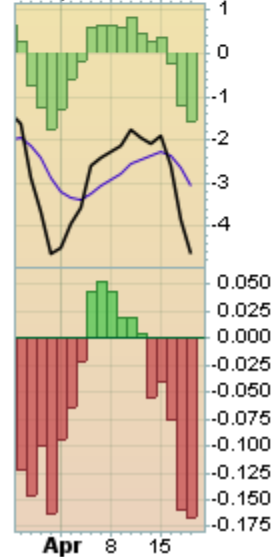
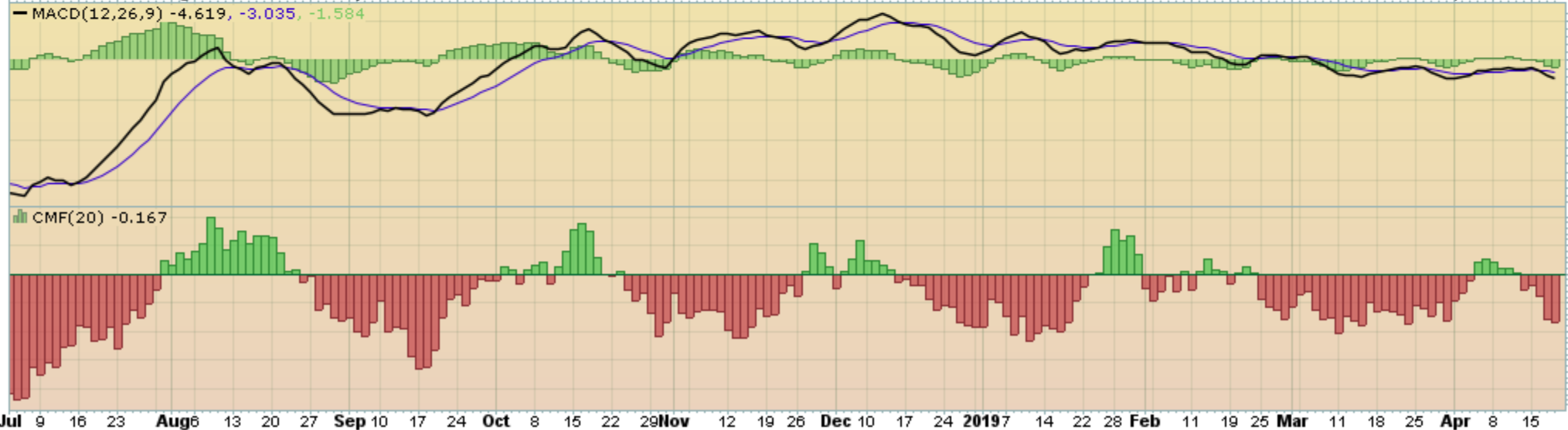
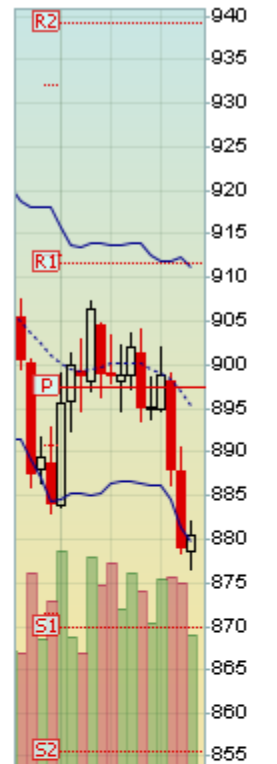
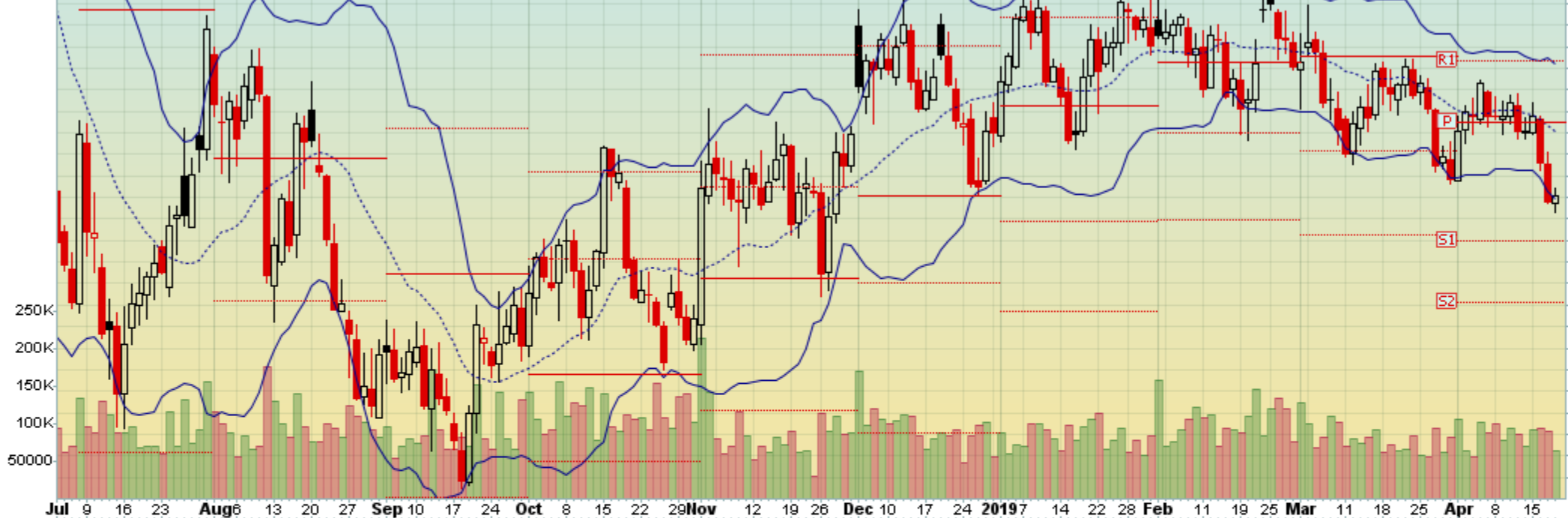
SOYB Soybeans - Continuous Contract (EOD) (Daily) 880.50

BB(20,2,0) 879.70 - 895.41 - 911.13

PIVOTS 855.58, 869.92, 897.33, 911.67, 939.08

Volume 63,485

CHART B11. SOYBEANS, DAILY CHART



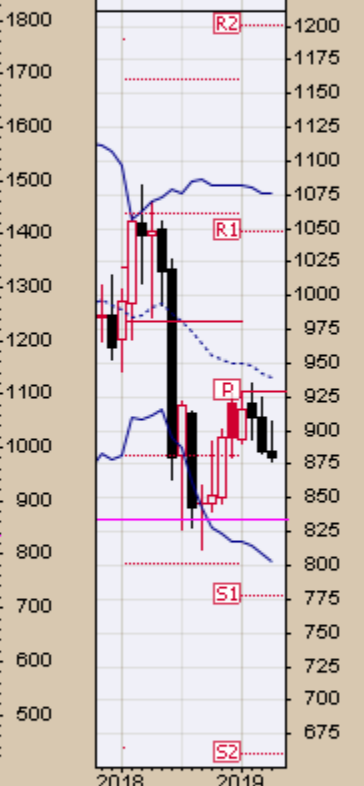
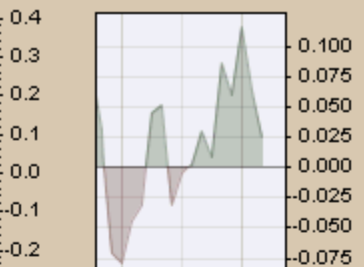
18-Apr-2019

Open 884.00 High 907.25 Low 876.50 Close 880.50 Volume 1.2M Chg -3.75 (-0.42%)

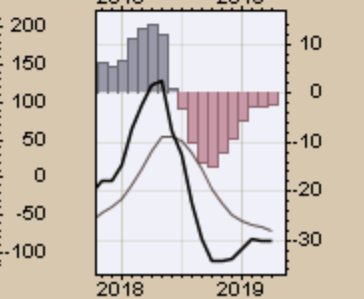
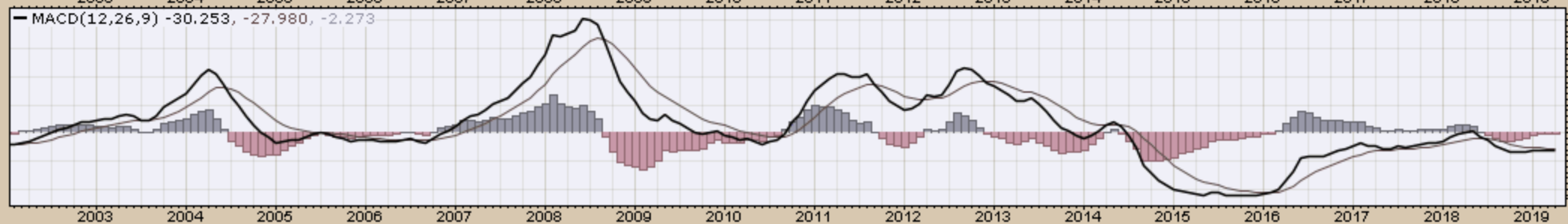
▲ CMF(20) 0.025 (29 Mar)

CHART B12. SOYBEANS, MONTHLY CHART

▲ \$SOYB (Monthly) 880.50
— BB(20,2.0) 802.78 - 939.16 - 1075.54
— PIVOTS 659.67, 777.33, 929.92, 1047.58, 1200.17

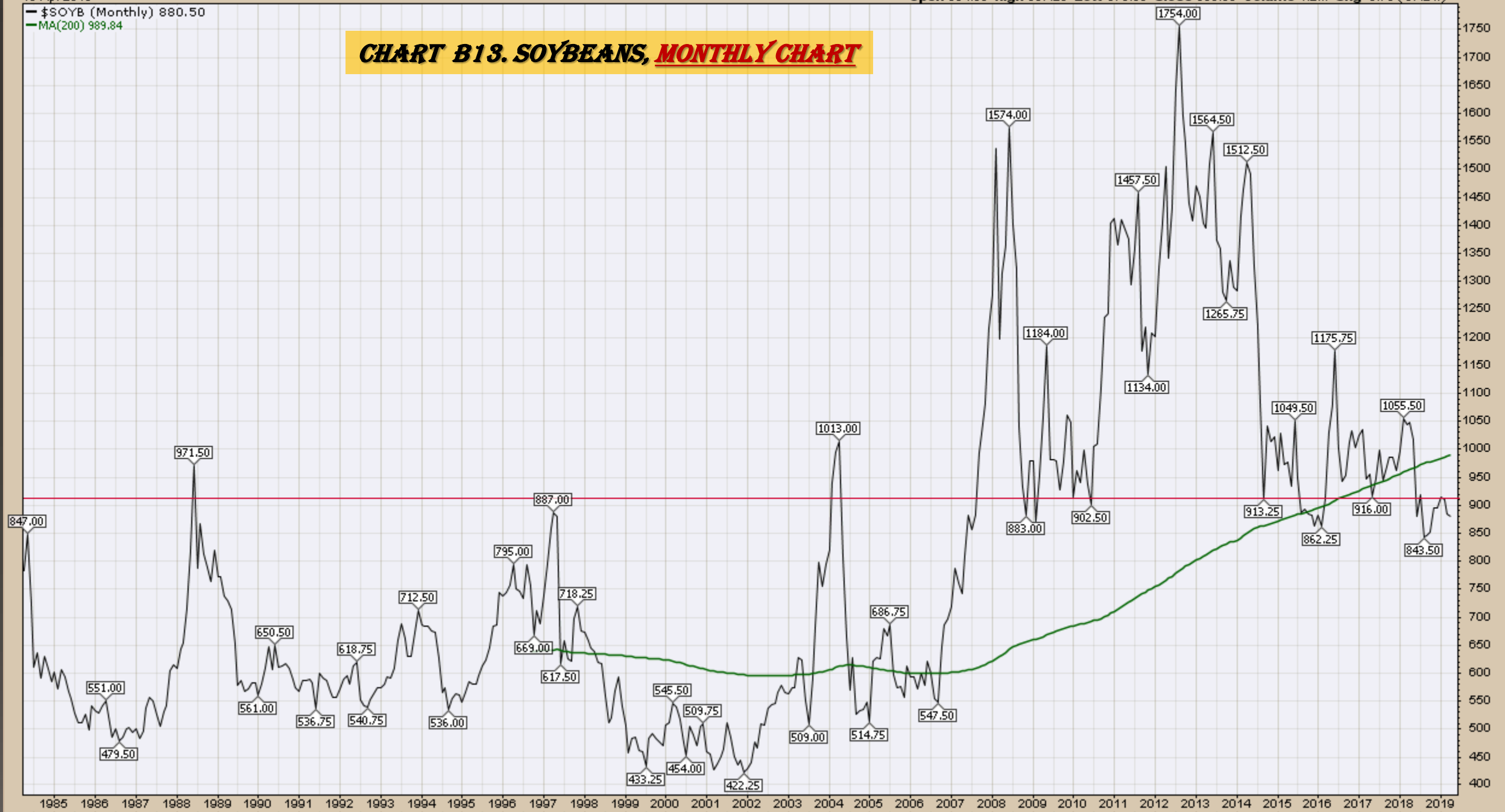


— MACD(12,26,9) -30.253, -27.980, -2.273



— \$SOYB (Monthly) 880.50
— MA(200) 989.84

CHART B13. SOYBEANS, MONTHLY CHART



Corn

Weekly, Daily and Monthly Charts

26-Apr-2019

Open 881.50 High 892.25 Low 866.00 Close 867.00 Volume 680.5K Chg -13.50 (-1.53%)

▲ CMF(20) -0.217

CHART B14. CORN, WEEKLY CHART

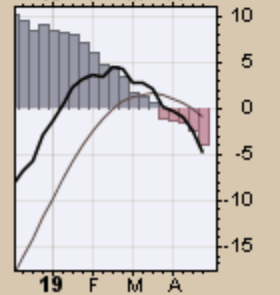
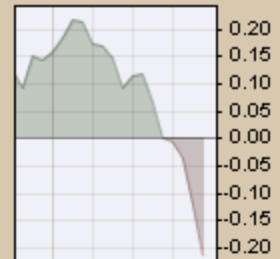
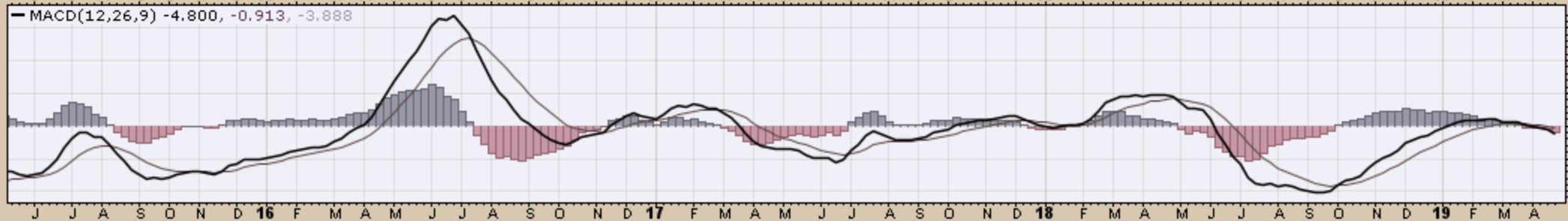
\$SOYB (Weekly) 867.00

BB(20,2.0) 874.37 - 903.86 - 933.36

PIVOTS 668.50, 795.00, 938.75, 1065.25, 1209.00



MACD(12,26,9) -4.800, -0.913, -3.888



\$SOYB Soybeans - Continuous Contract (EOD) CME

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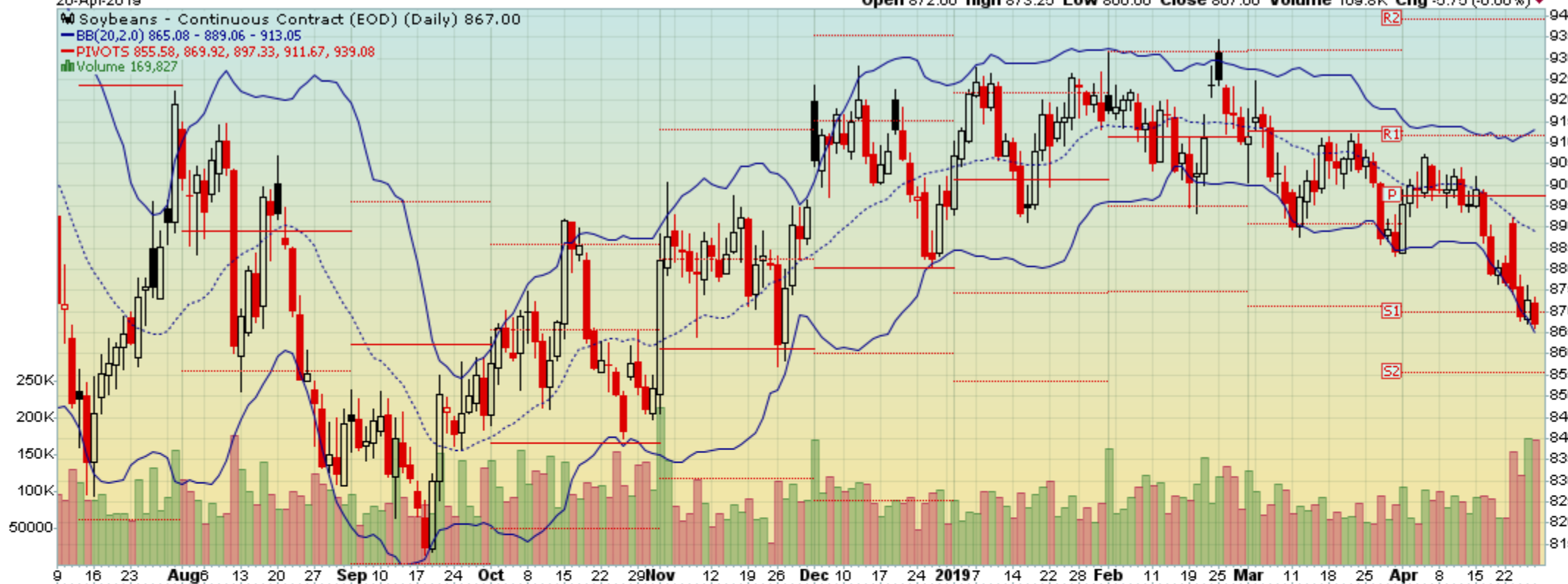
26-Apr-2019

Open 872.00 High 873.25 Low 866.00 Close 867.00 Volume 169.8K Chg -5.75 (-0.66%)

BB(20,2,0) 865.08 - 889.06 - 913.05

PIVOTS 855.58, 869.92, 897.33, 911.67, 939.08

Volume 169,827



MACD(12,26,9) -8.331, -5.890, -2.441

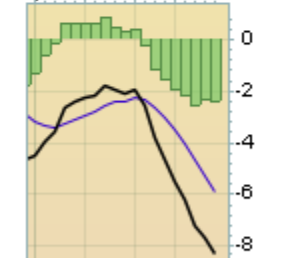
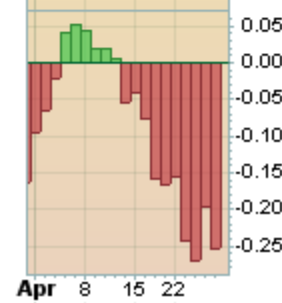
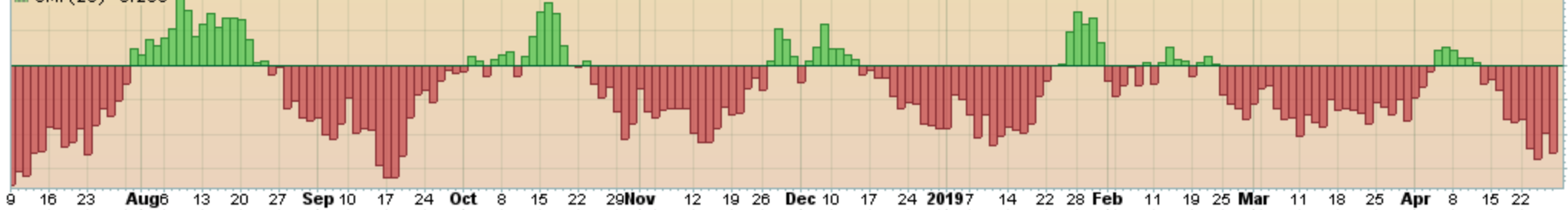


CHART B15. CORN, DAILY CHART

CMF(20) -0.253



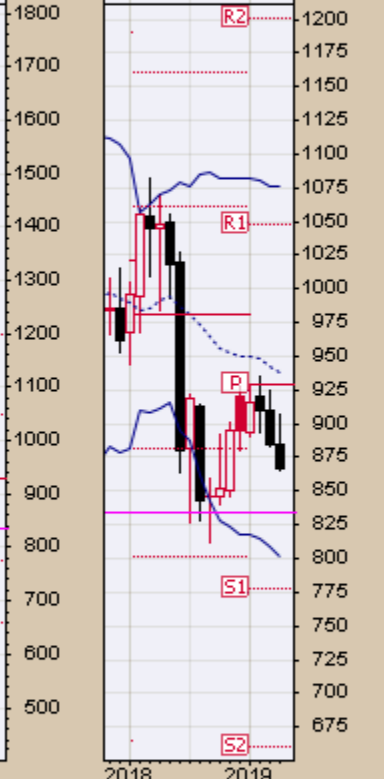
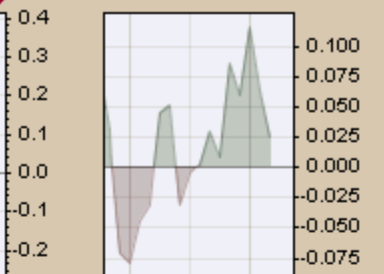
26-Apr-2019

Open 884.00 High 907.25 Low 866.00 Close 867.00 Volume 1.9M Chg -17.25 (-1.95%)

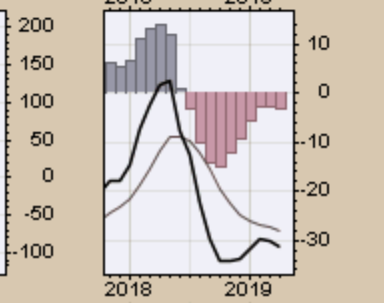
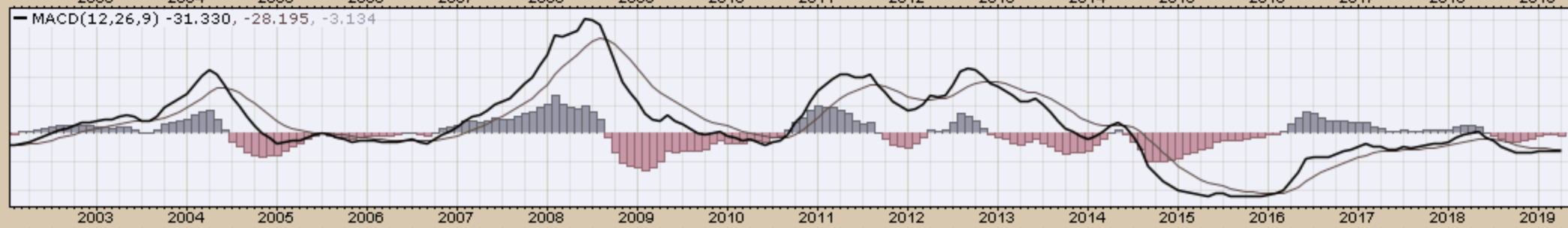
▲ CMF(20) 0.025 (29 Mar)

CHART B16. CORN, MONTHLY CHART

▲ \$SOYB (Monthly) 867.00
— BB(20,2.0) 800.82 - 938.49 - 1076.15
— PIVOTS 659.67, 777.33, 929.92, 1047.58, 1200.17



— MACD(12,26,9) -31.330, -28.195, -3.134



26-Apr-2019

Open 884.00 High 907.25 Low 866.00 Close 867.00 Volume 1.9M Chg -17.25 (-1.95%)

— \$SOYB (Monthly) 867.00

— MA(200) 989.77

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

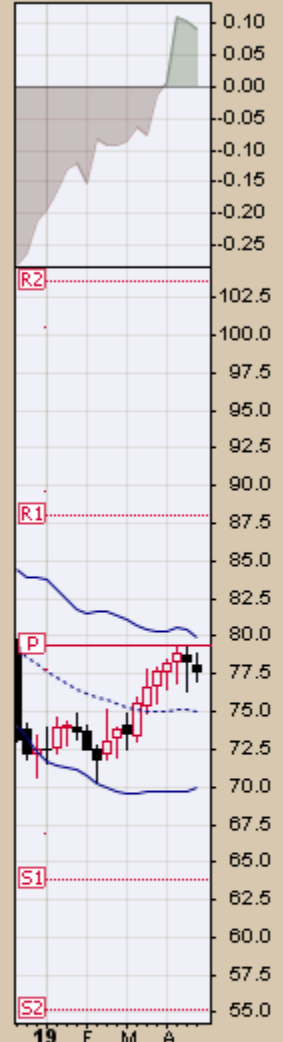
▲ CMF(20) 0.092

📊 \$COTTON (Weekly) 77.70

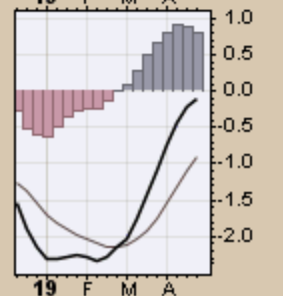
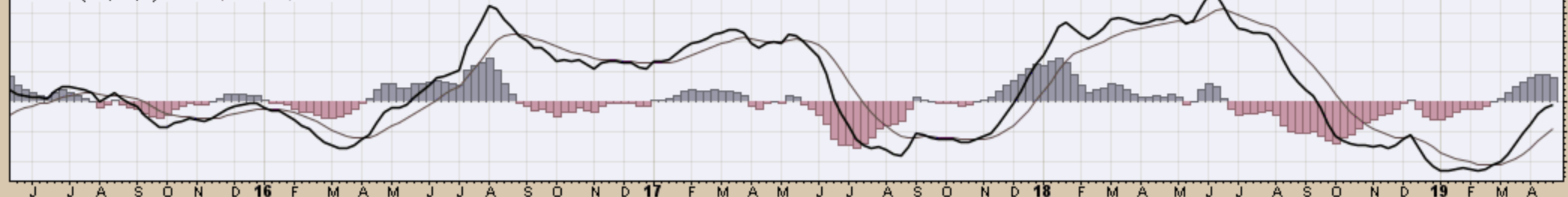
— BB(20,2.0) 69.96 - 74.96 - 79.96

— PIVOTS 55.16, 63.84, 79.33, 88.01, 103.50

CHART B21. COTTON, WEEKLY CHART



— MACD(12,26,9) -0.098, -0.903, 0.805

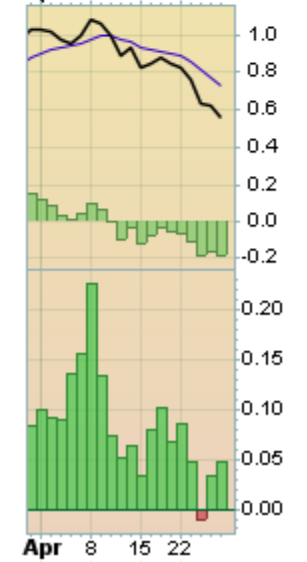
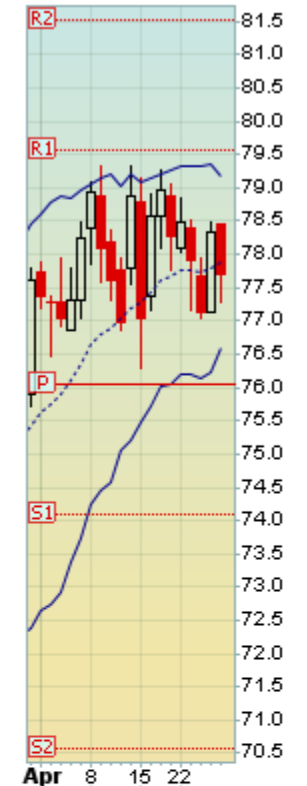
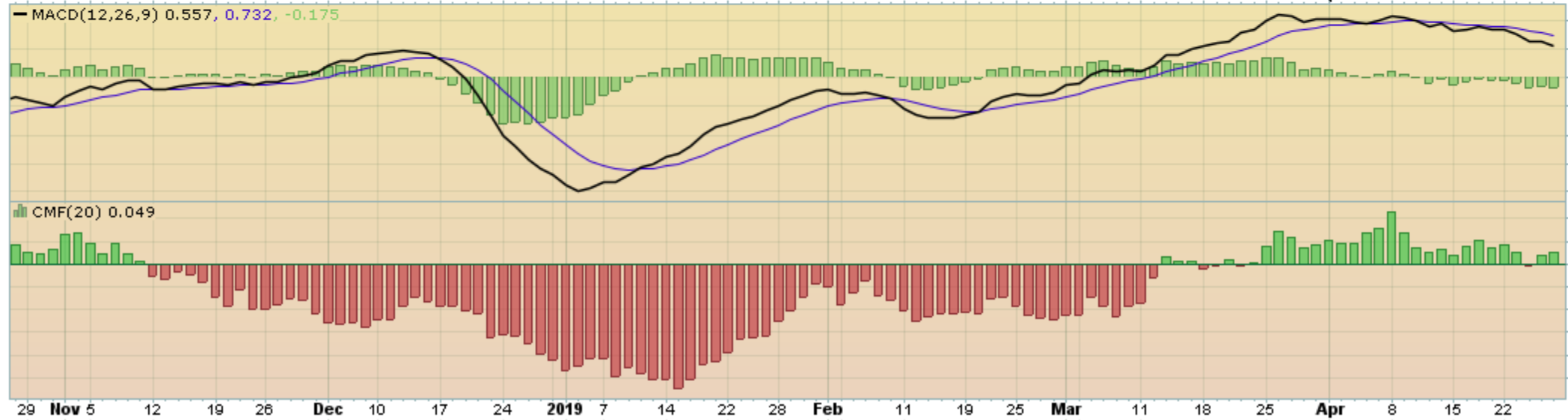


Cotton - Continuous Contract (EOD) (Daily) 77.70

BB(20,2.0) 76.58 - 77.88 - 79.18

PIVOTS 70.56, 74.09, 76.03, 79.56, 81.50

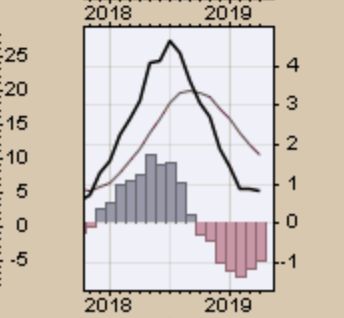
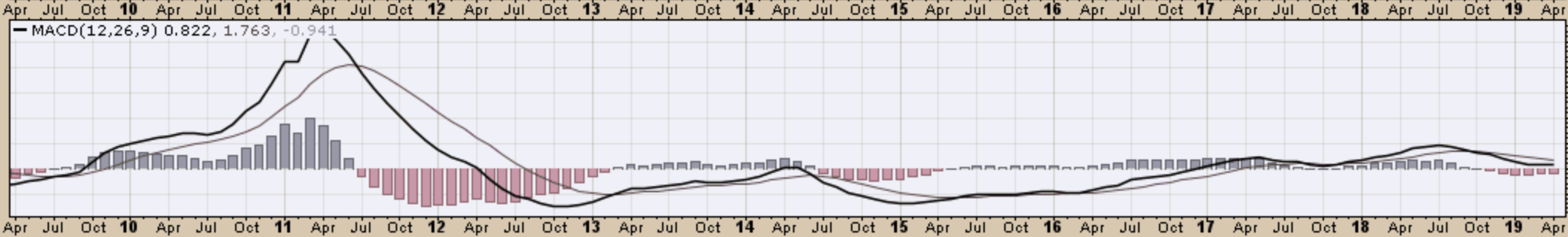
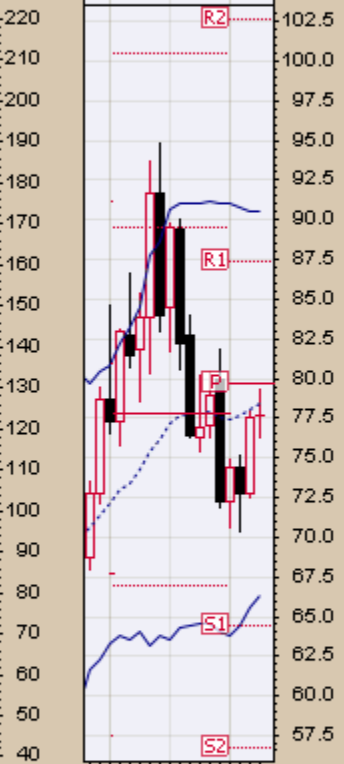
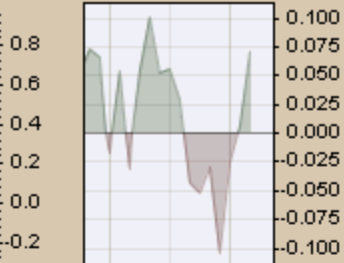
CHART B22. COTTON, DAILY CHART



▲ CMF(20) 0.071 (29 Mar)

▲ \$COTTON (Monthly) 77.70
— BB(20,2.0) 66.31 - 78.40 - 90.49
— PIVOTS 56.68, 64.44, 79.63, 87.39, 102.58

CHART B23. COTTON, MONTHLY CHART

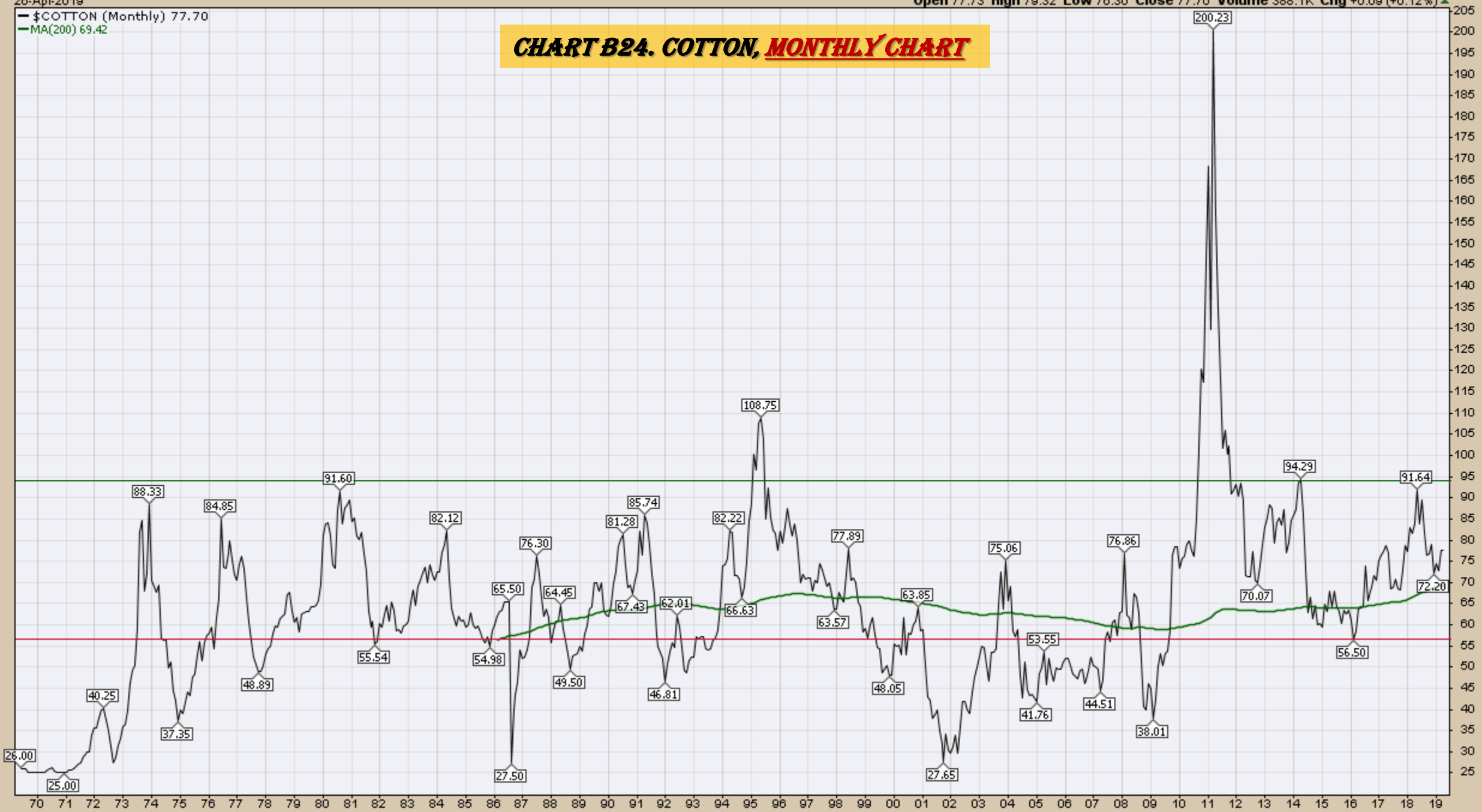


26-Apr-2019

Open 77.73 High 79.32 Low 76.30 Close 77.70 Volume 388.1K Chg +0.09 (+0.12%) ▲

— \$COTTON (Monthly) 77.70
— MA(200) 69.42

CHART B24. COTTON, MONTHLY CHART



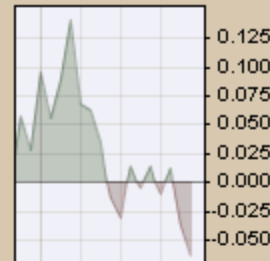
Wheat
Weekly, Daily and Monthly Charts

▲ CMF(20) -0.065

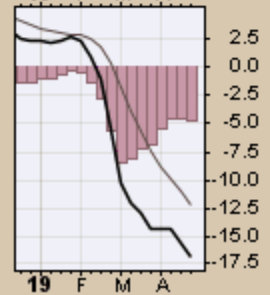
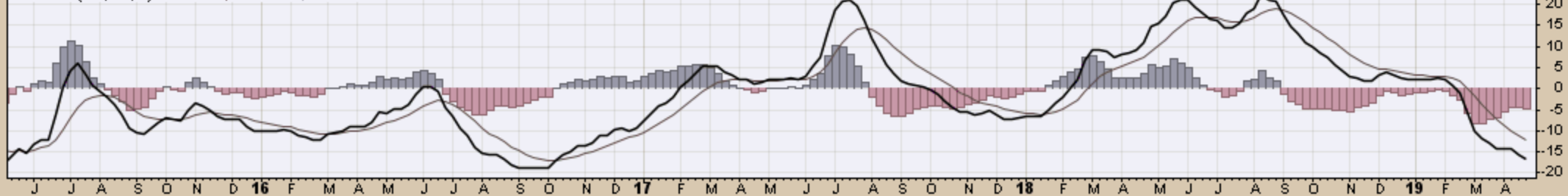


● \$WHEAT (Weekly) 442.50
 — BB(20,2.0) 426.77 - 488.65 - 550.53
 — PIVOTS 328.00, 422.50, 507.75, 602.25, 687.50

CHART B25. WHEAT, WEEKLY CHART



— MACD(12,26,9) -16.820, -12.159, -4.661

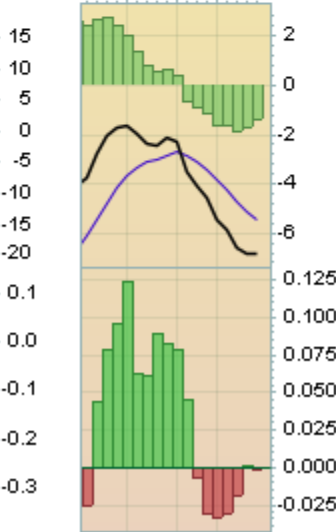
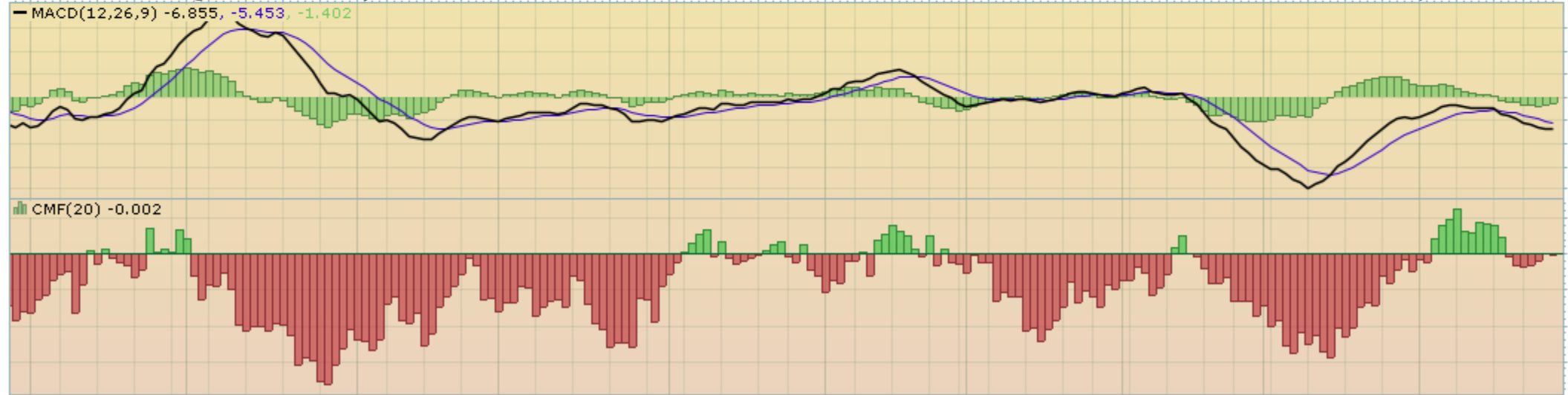
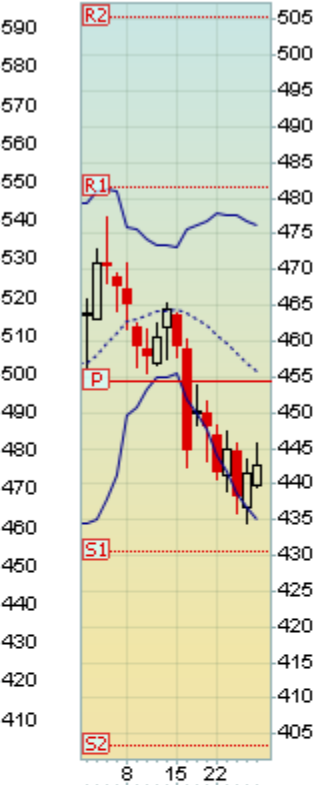


Wheat - Continuous Contract (EOD) (Daily) 442.50

BB(20,2,0) 435.04 - 455.70 - 476.36

PIVOTS 403.25, 430.50, 454.25, 481.50, 505.25

CHART B26. WHEAT, DAILY CHART



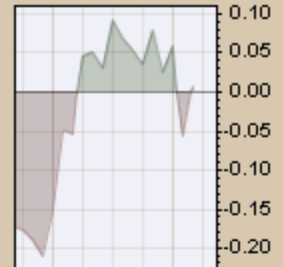
▲ CMF(20) 0.007 (29 Mar)

CHART B27. WHEAT, MONTHLY CHART

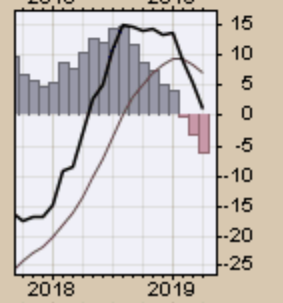
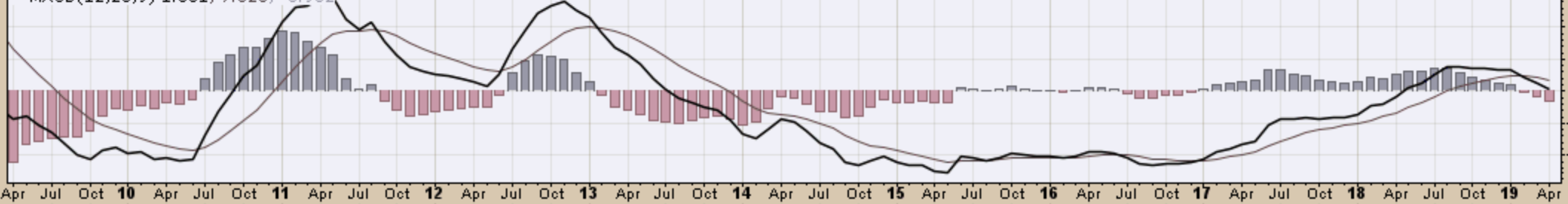
☞ \$WHEAT (Monthly) 442.50

— BB(20,2.0) 404.03 - 483.33 - 562.62

— PIVOTS 323.42, 413.33, 503.17, 593.08, 682.92



— MACD(12,26,9) 1.061, 7.023, -5.962



26-Apr-2019

Open 459.50 High 477.50 Low 434.50 Close 442.50 Volume 1.3M Chg -15.25 (-3.33%)

-\$WHEAT (Monthly) 442.50
-MA(200) 535.63

CHART B28. WHEAT, MONTHLY CHART



S&P Sectors

Sector Chart Book Index

Market Outlook Considerations for Week Beginning April 29, 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

26-Apr-2019

▲ CMF(20) 0.195

Open 27.26 High 27.72 Low 27.14 Close 27.70 Volume 219.1M Chg +0.36 (+1.32%) ▲

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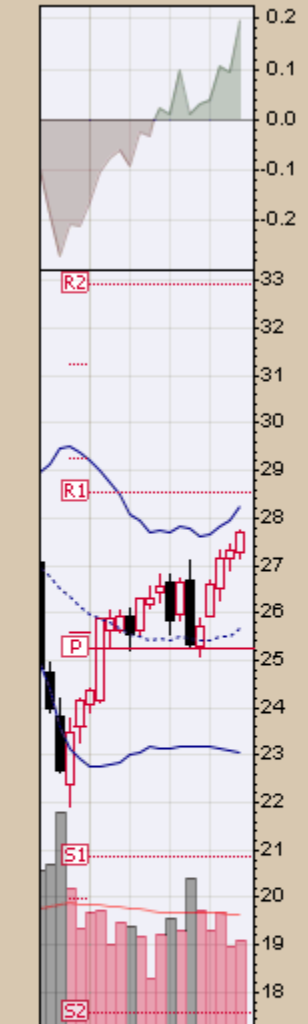
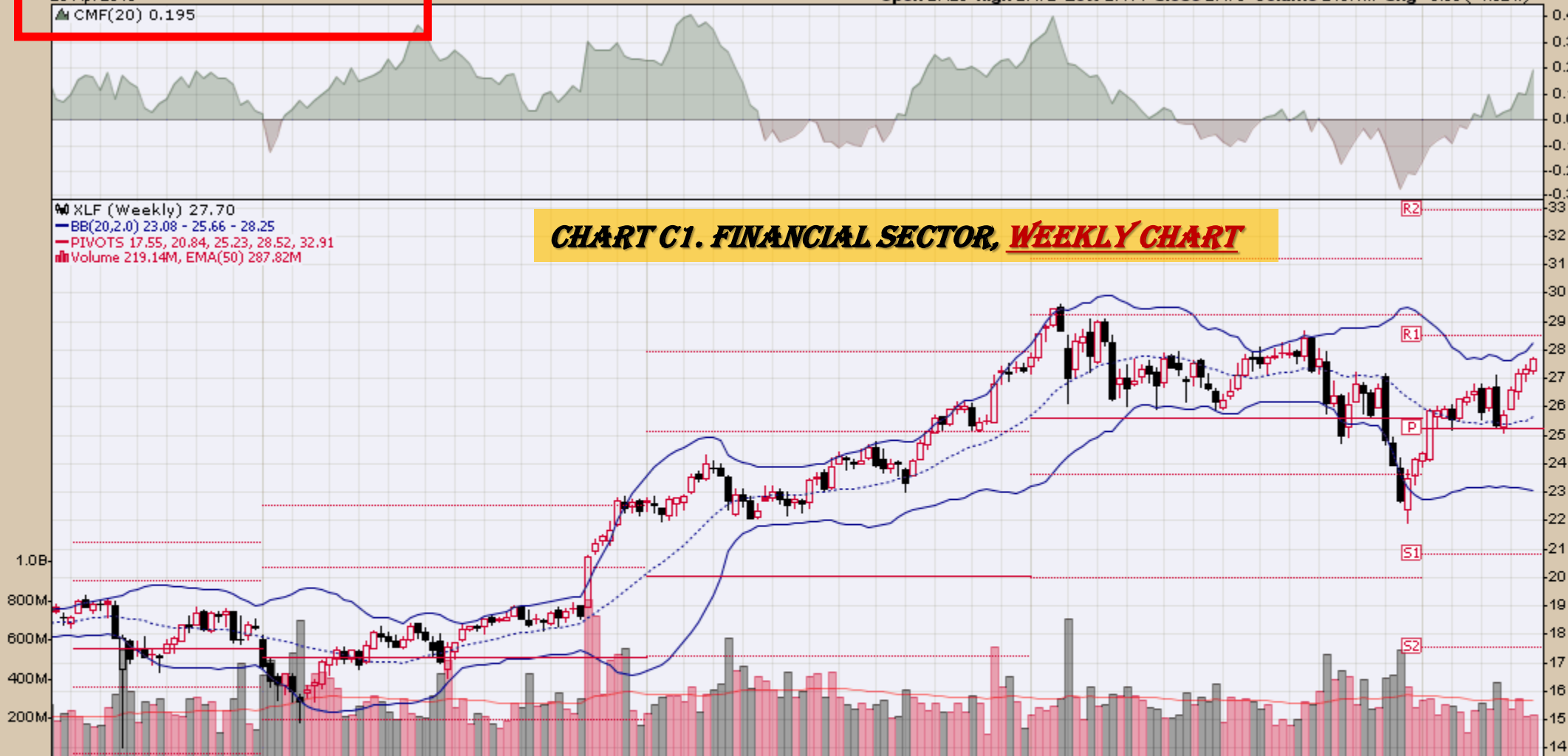
XLF (Weekly) 27.70

BB(20,2,0) 23.08 - 25.66 - 28.25

PIVOTS 17.55, 20.84, 25.23, 28.52, 32.91

Volume 219.14M, EMA(50) 287.82M

CHART C1. FINANCIAL SECTOR, WEEKLY CHART



MACD(12,26,9) 0.269, 0.000, 0.269

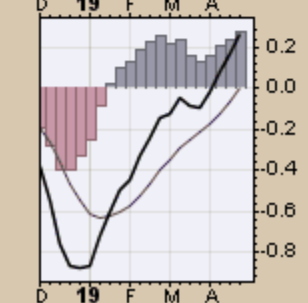
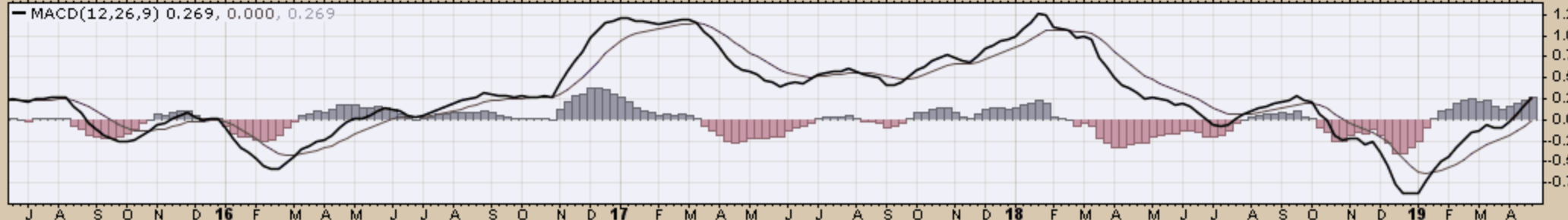
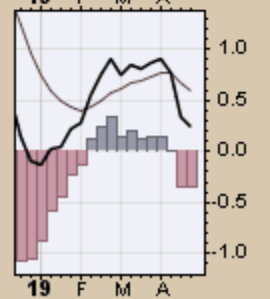
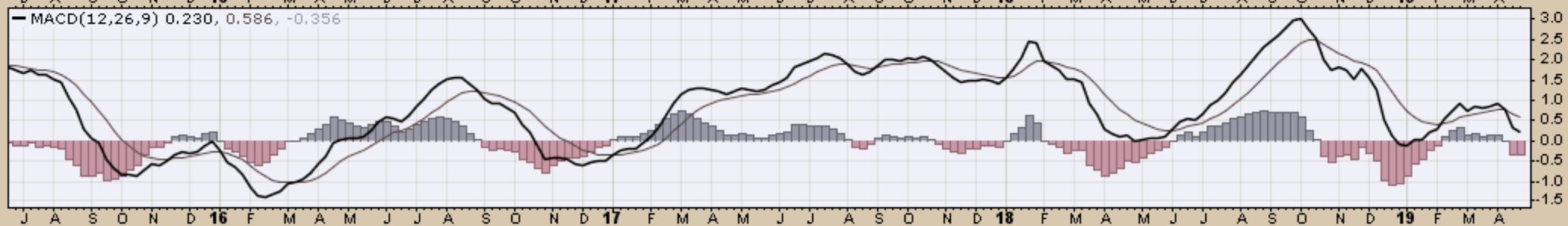
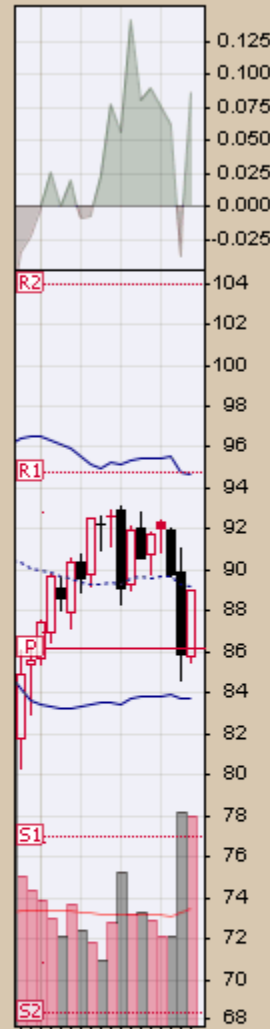
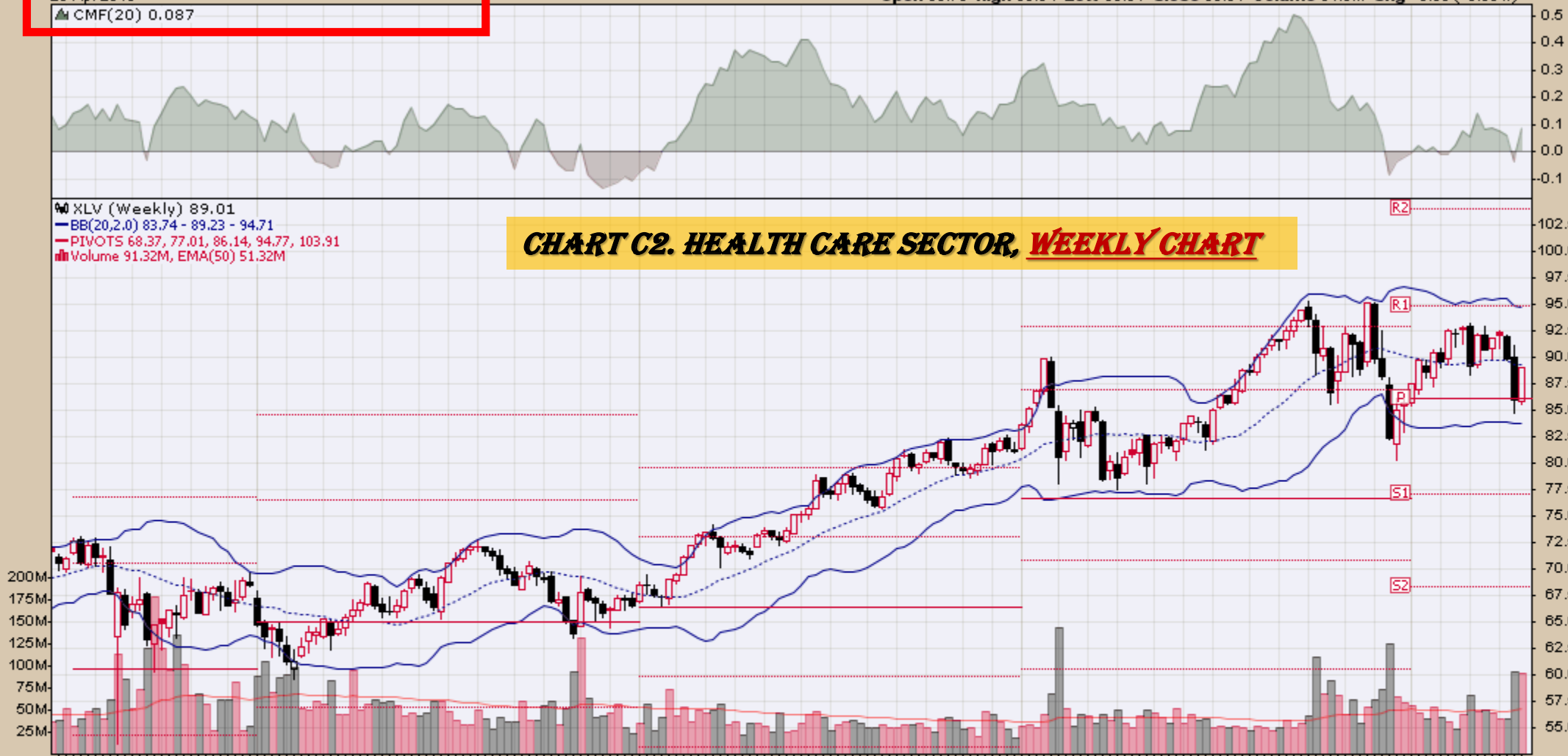


CHART C2. HEALTH CARE SECTOR, WEEKLY CHART

XLV (Weekly) 89.01
BB(20,2,0) 83.74 - 89.23 - 94.71
PIVOTS 68.37, 77.01, 86.14, 94.77, 103.91
Volume 91.32M, EMA(50) 51.32M



XLK Technology Select Sector SPDR Fund NYSE

26-Apr-2019

▲ CMF(20) 0.301

Open 77.46 High 79.46 Low 77.39 Close 78.56 Volume 58.2M Chg +0.74 (+0.95%) ▲

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▲ XLK (Weekly) 78.56
 — BB(20,2,0) 57.76 - 69.20 - 80.63
 — PIVOTS 46.49, 53.89, 64.79, 72.20, 83.10
 ■ Volume 58.15M, EMA(50) 69.79M

CHART C3. TECHNOLOGY SECTOR, WEEKLY CHART

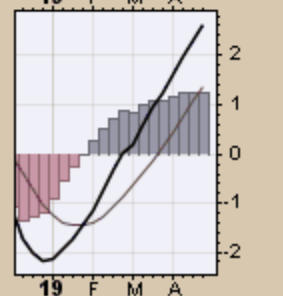
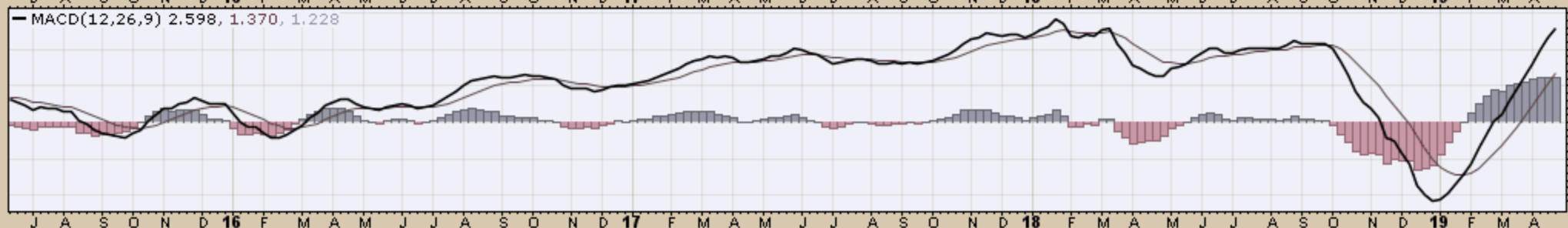
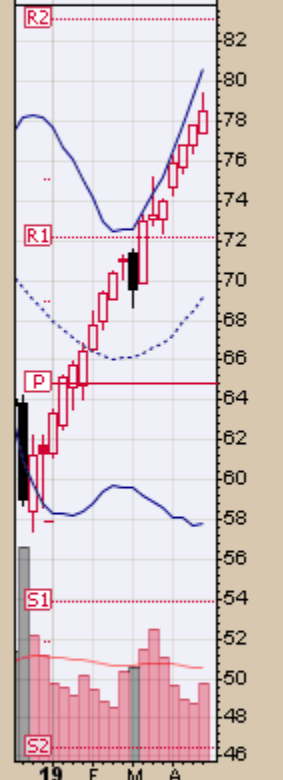
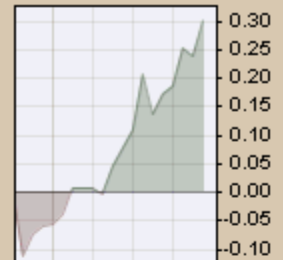


CHART C4. INDUSTRIAL SECTOR, WEEKLY CHART

XLI (Weekly) 77.52
 BB(20,2,0) 62.28 - 72.02 - 81.75
 PIVOTS 48.31, 56.54, 67.81, 76.04, 87.31
 Volume 52.77M, EMA(50) 64.04M

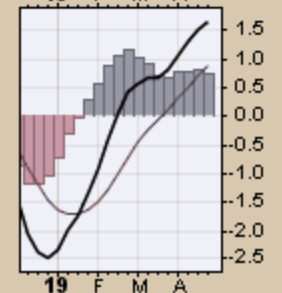
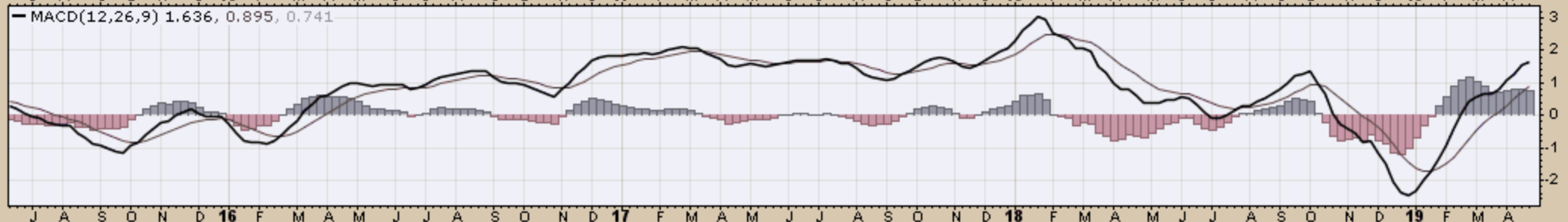
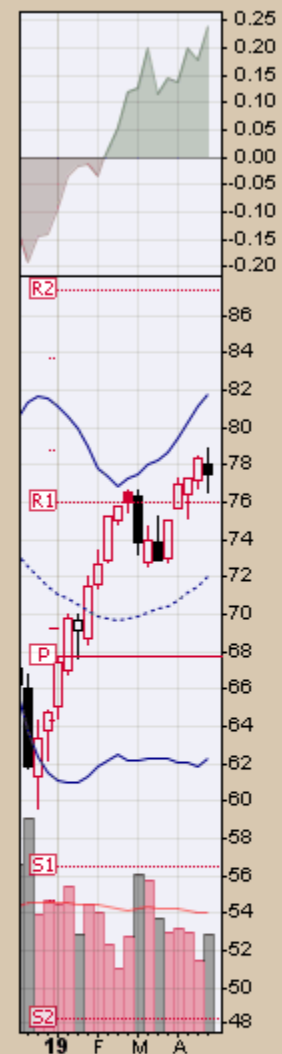
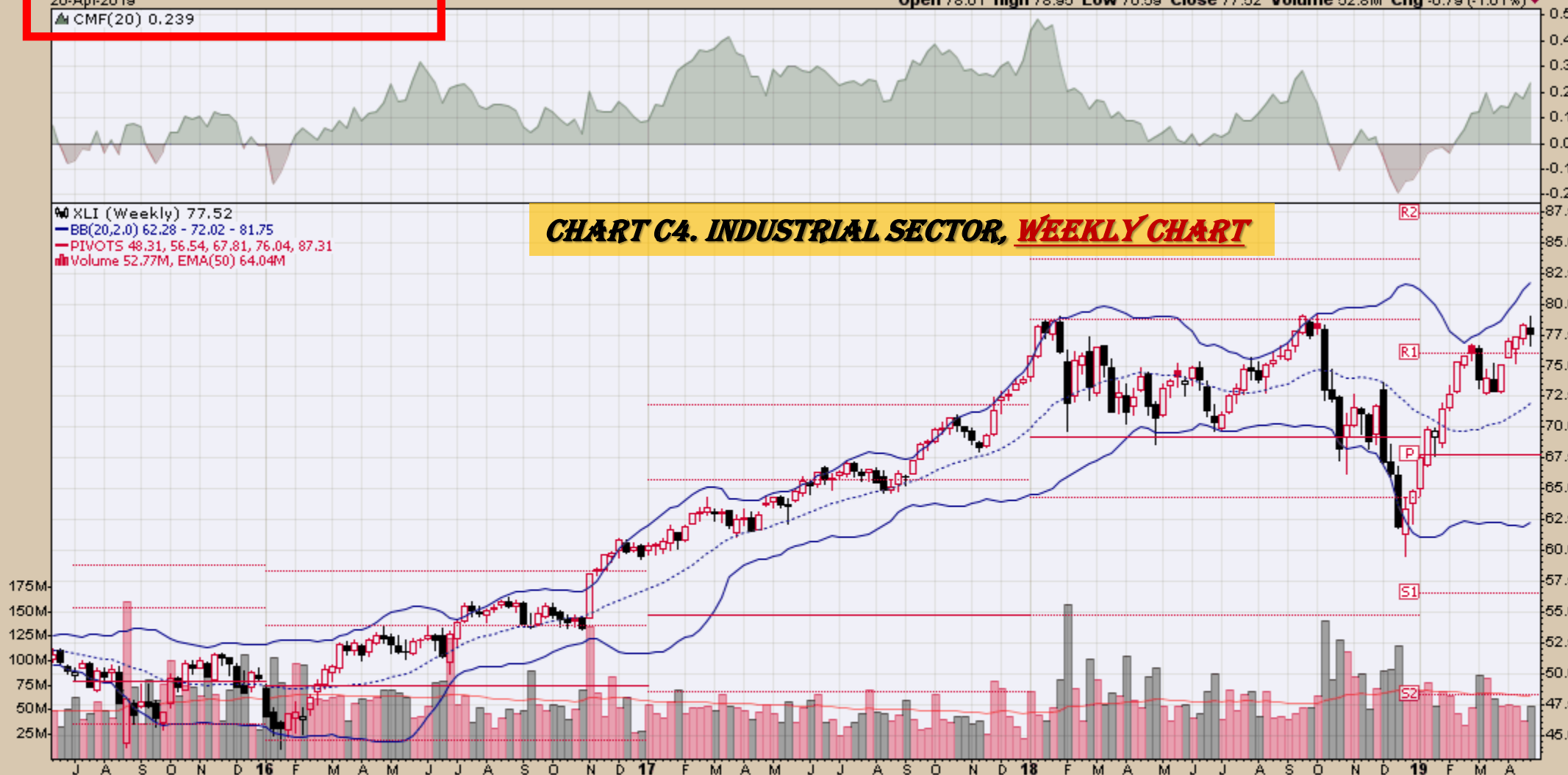


CHART C5. MATERIALS SECTOR, WEEKLY CHART

XLB (Weekly) 57.07
BB(20,2,0) 48.69 - 53.96 - 59.23
PIVOTS 37.72, 44.39, 53.52, 60.19, 69.32
Volume 27.57M, EMA(50) 35.48M

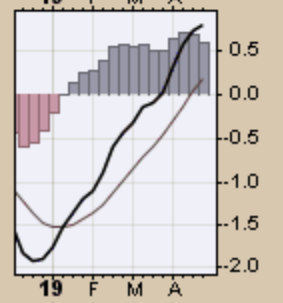
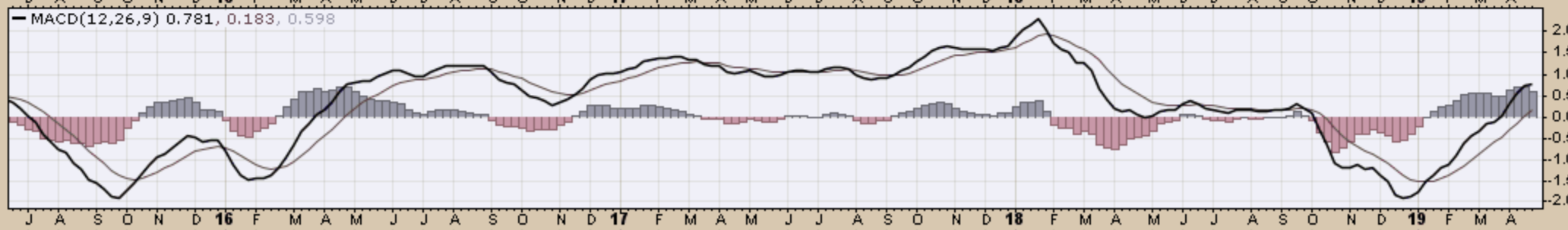
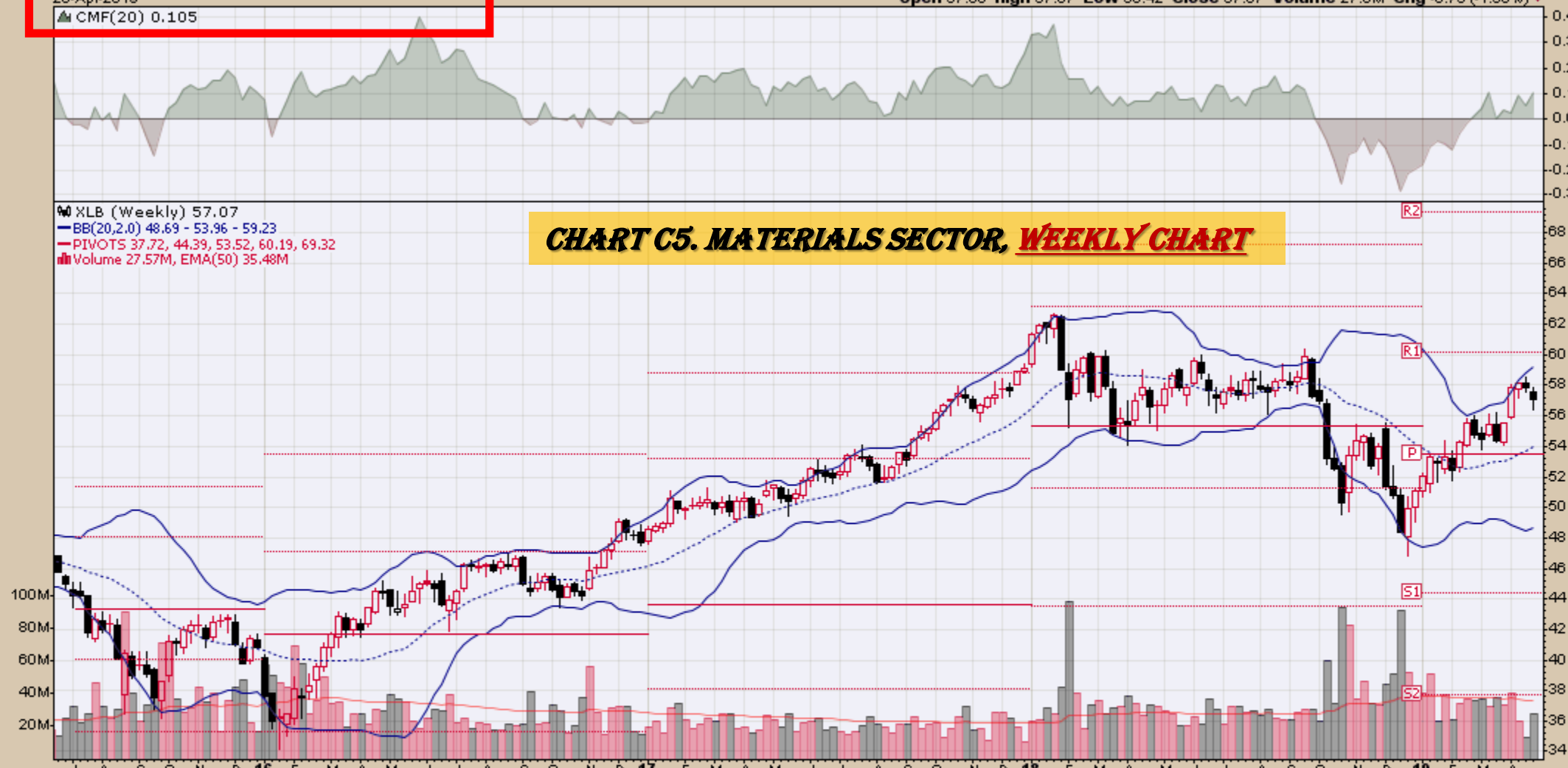


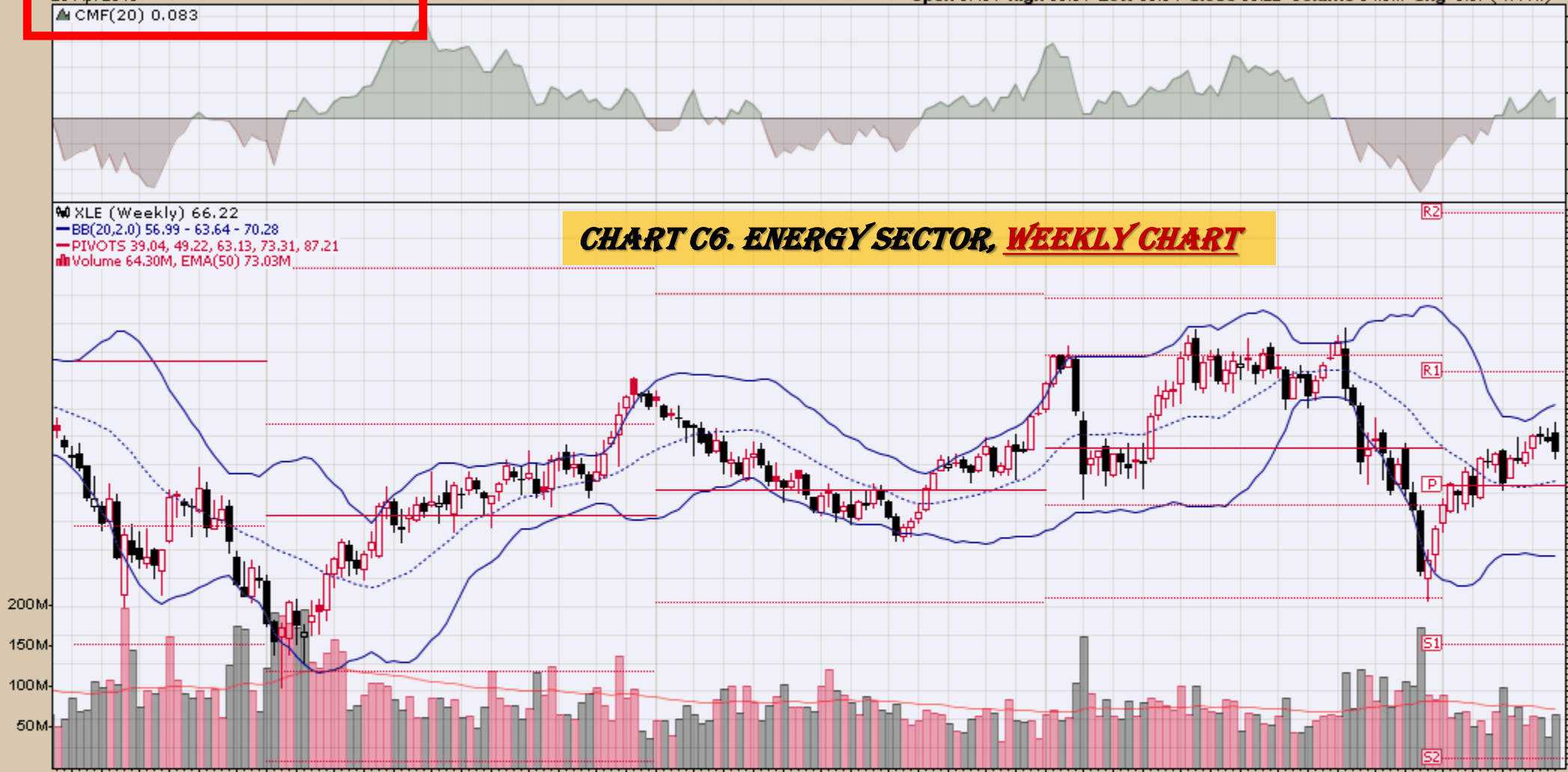
CHART C6. ENERGY SECTOR, WEEKLY CHART

XLE (Weekly) 66.22

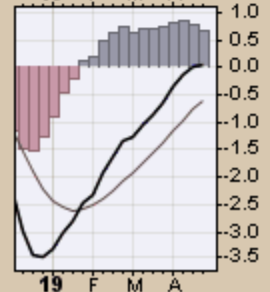
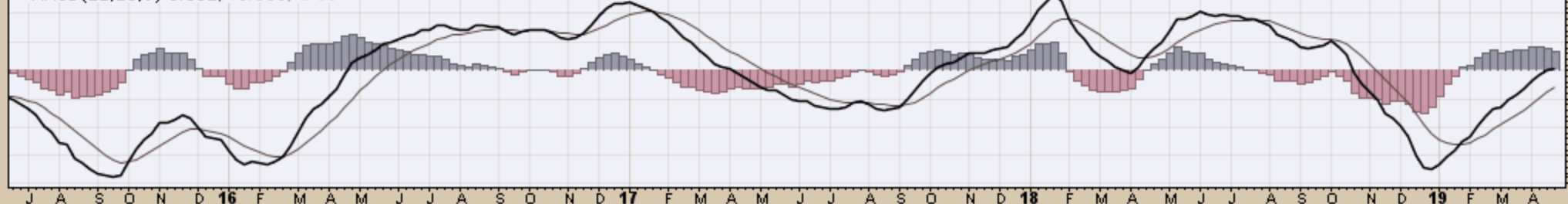
BB(20,2.0) 56.99 - 63.64 - 70.28

PIVOTS 39.04, 49.22, 63.13, 73.31, 87.21

Volume 64.30M, EMA(50) 73.03M



MACD(12,26,9) 0.051, -0.606, 0.657



XLU Utilities Select Sector SPDR Fund NYSE

26-Apr-2019

CMF(20) 0.361

Open 57.27 High 58.68 Low 56.98 Close 58.10 Volume 74.0M Chg +0.81 (+1.41%)

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CHART C7. UTILITIES SECTOR, WEEKLY CHART

XLU (Weekly) 58.10
BB(20,2,0) 51.28 - 55.72 - 60.16
PIVOTS 40.54, 46.46, 51.37, 57.29, 62.20
Volume 73.95M, EMA(50) 84.76M

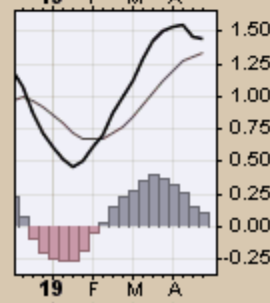
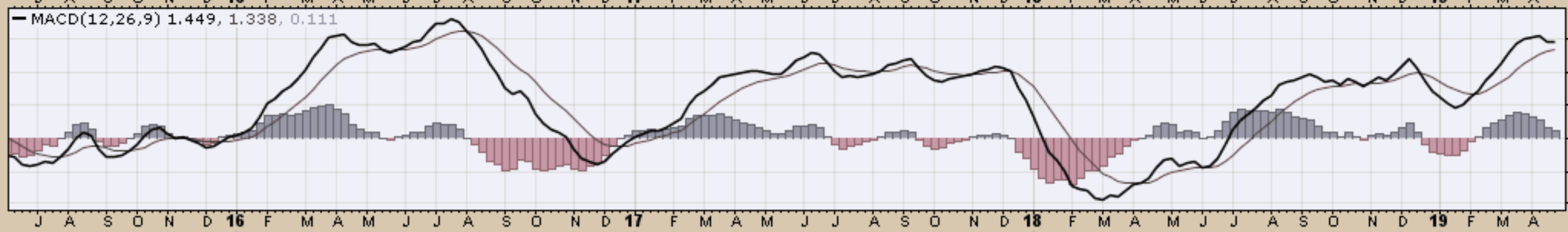
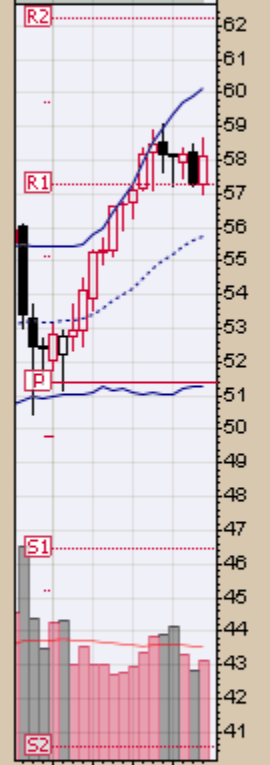
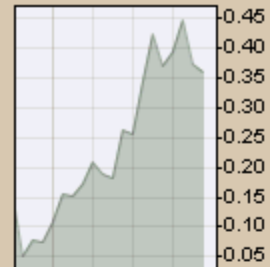
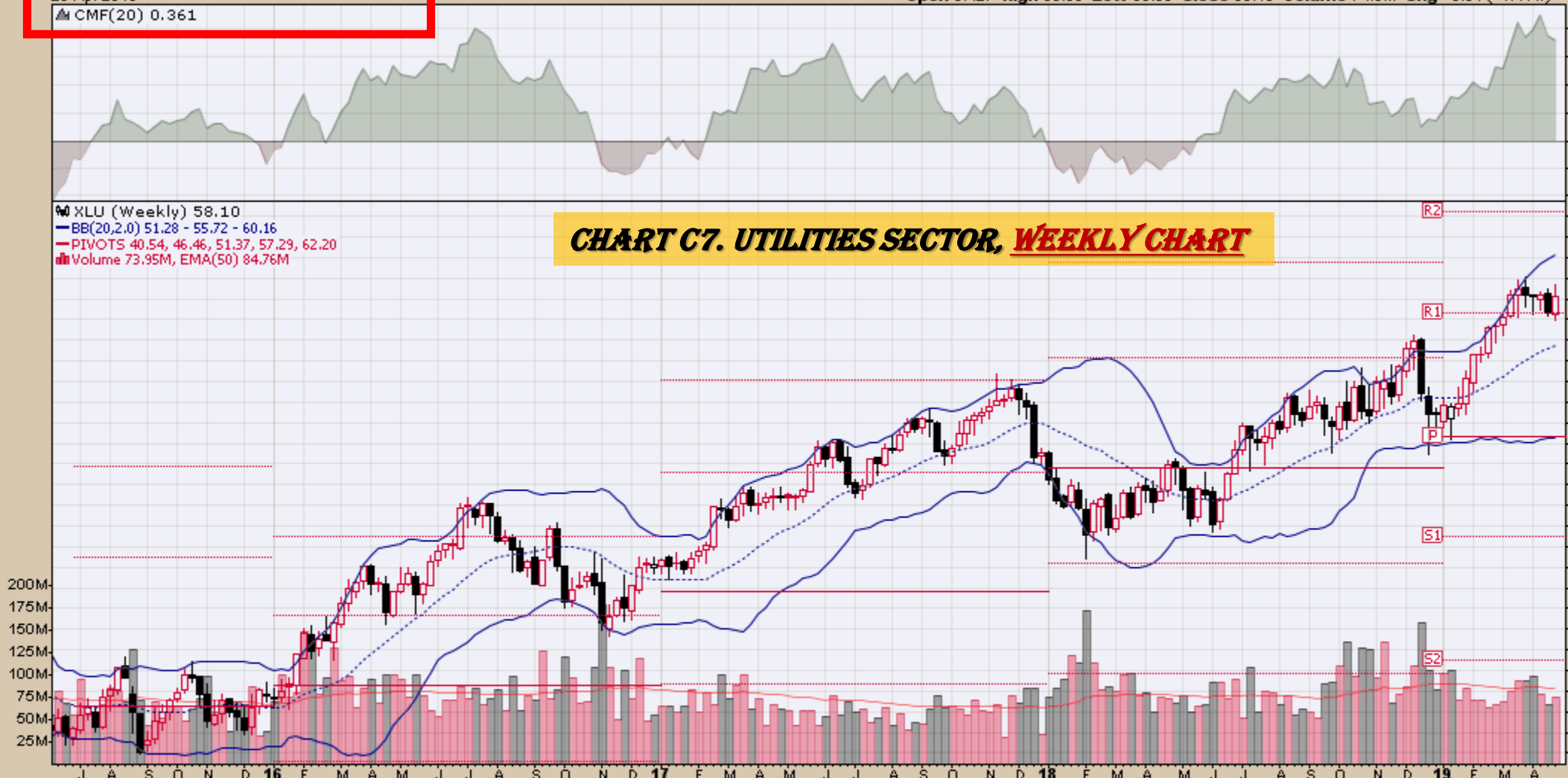
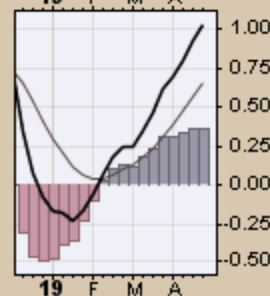
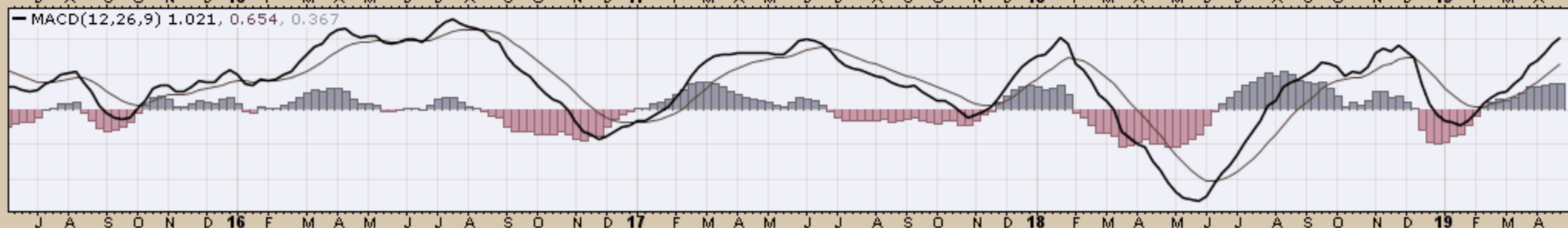
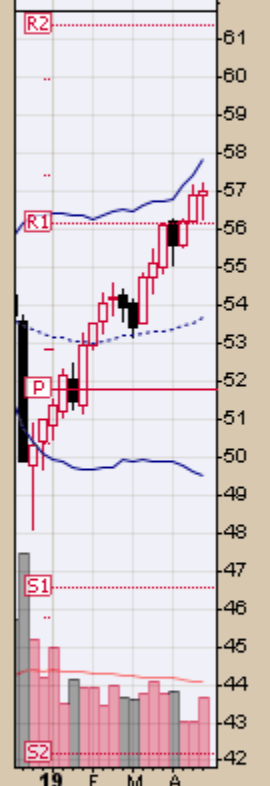
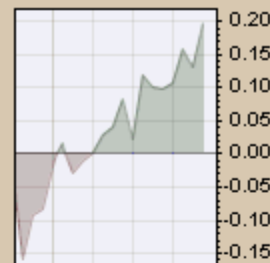
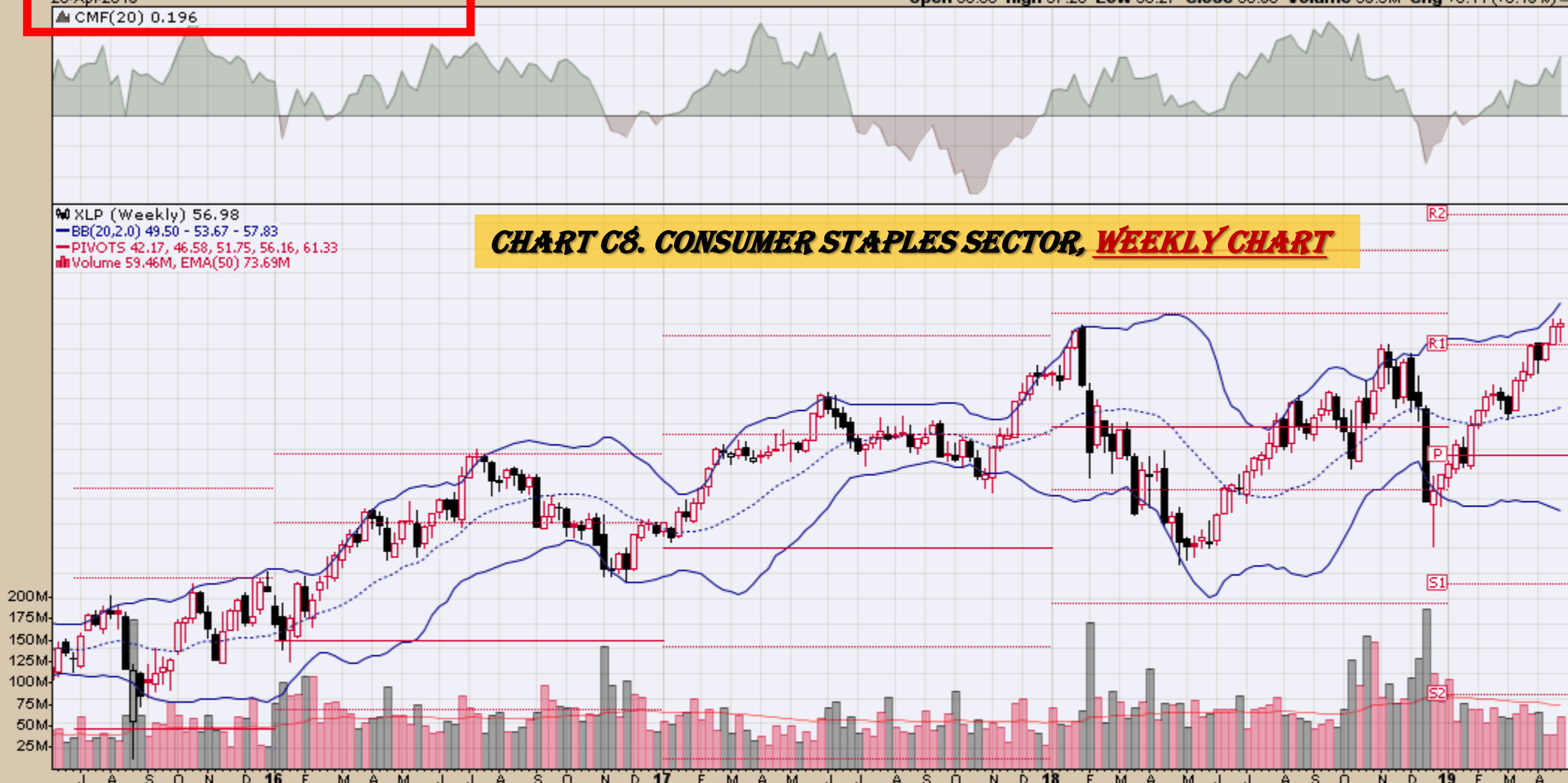
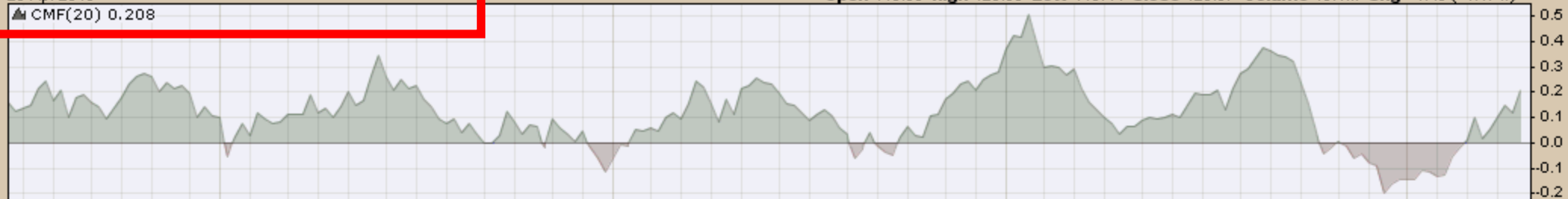


CHART C8. CONSUMER STAPLES SECTOR, WEEKLY CHART

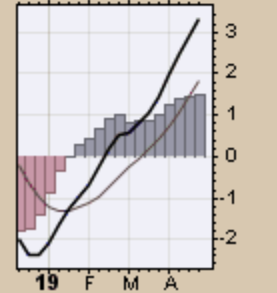
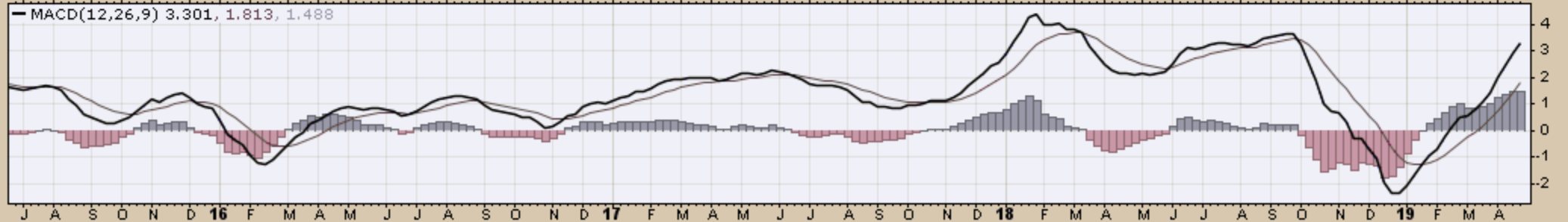
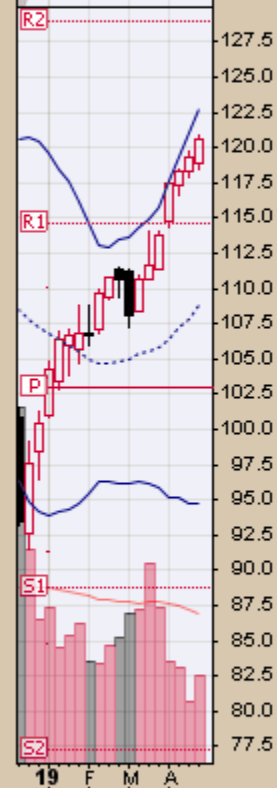
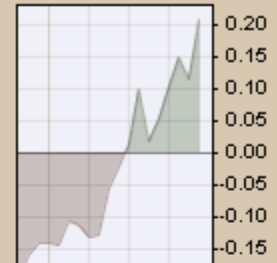
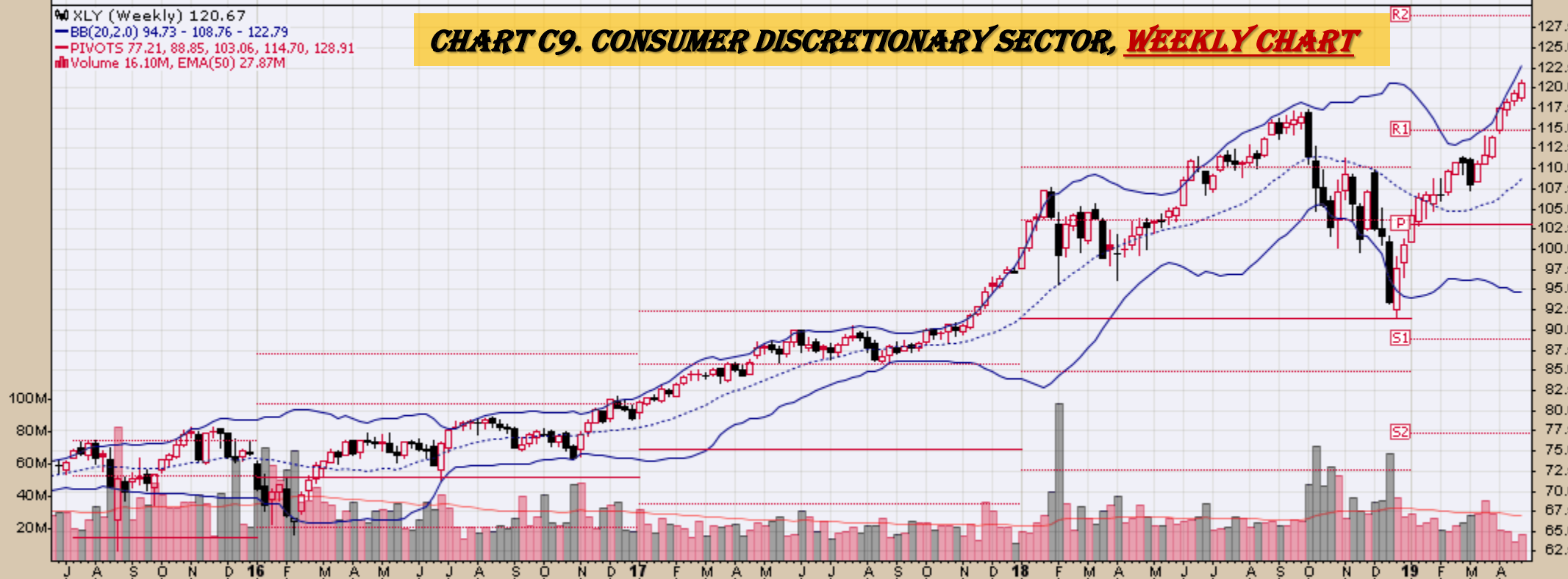
XLP (Weekly) 56.98
BB(20,2,0) 49.50 - 53.67 - 57.83
PIVOTS 42.17, 46.58, 51.75, 56.16, 61.33
Volume 59.46M, EMA(50) 73.69M





XLY (Weekly) 120.67
 BB(20,2,0) 94.73 - 108.76 - 122.79
 PIVOTS 77.21, 88.85, 103.06, 114.70, 128.91
 Volume 16.10M, EMA(50) 27.87M

CHART C9. CONSUMER DISCRETIONARY SECTOR, WEEKLY CHART



Commodity ETFs

Commodity ETFs Book Index

Market Outlook Considerations for Week Beginning April 29, 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 29, 2019

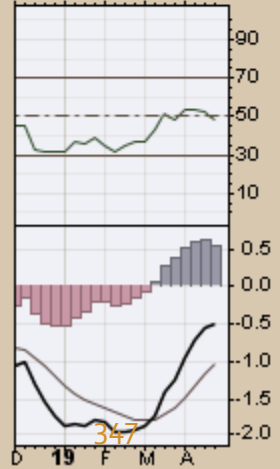
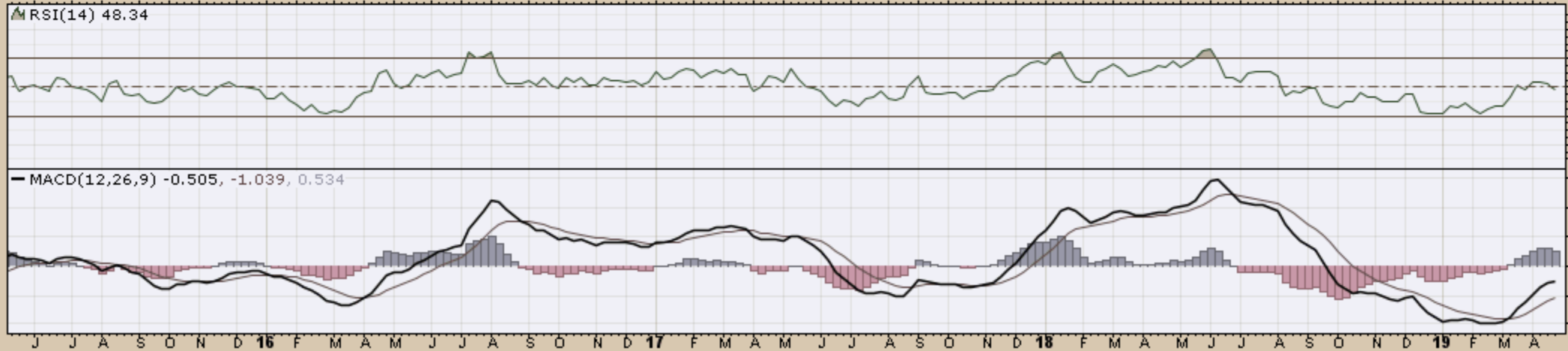
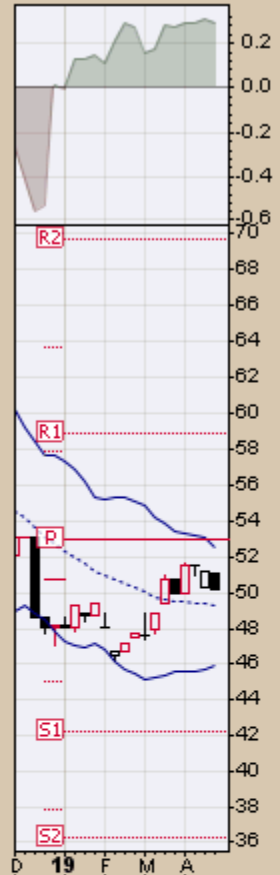
Chart Book Index – Commodity ETFs

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

Continued Next Slide

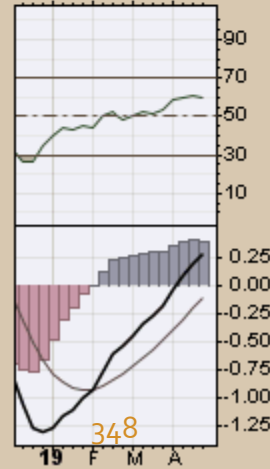
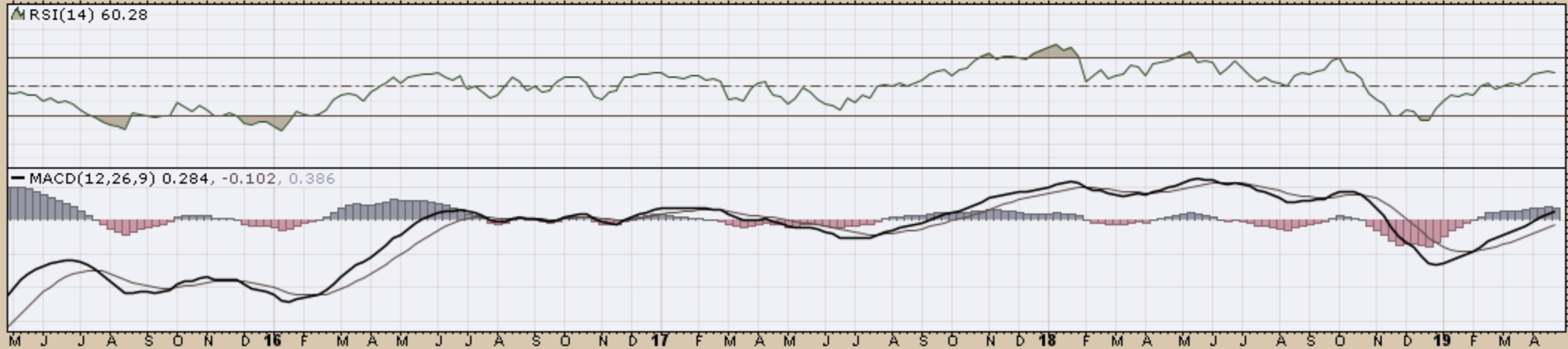
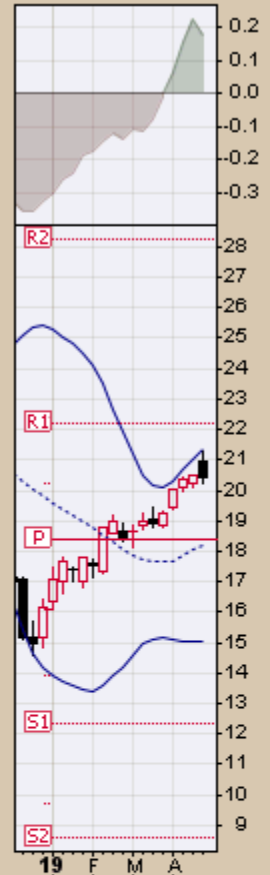
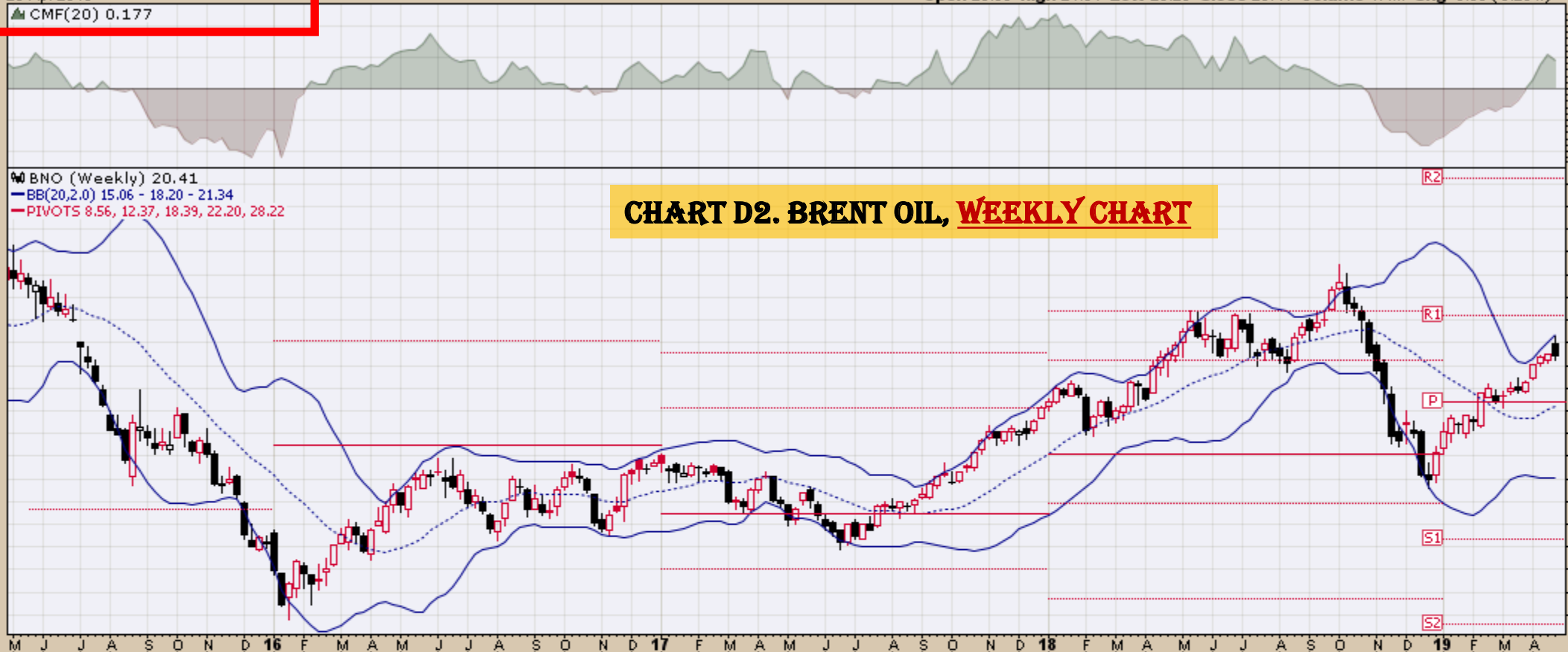
▲ BALTF (Weekly) 50.22
— BB(20,2,0) 45.94 - 49.24 - 52.53
— PIVOTS 36.31, 42.26, 52.96, 58.91, 69.61

CHART D1. COTTON, WEEKLY CHART



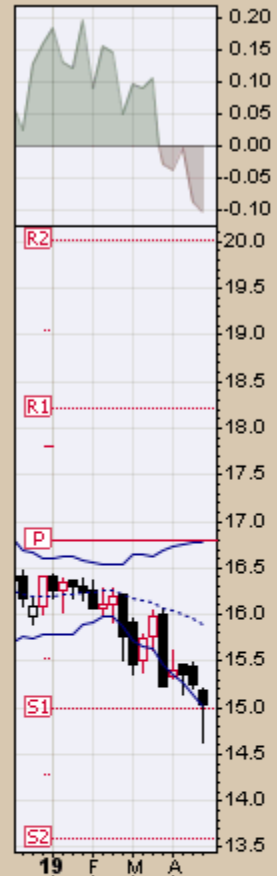
▲ BNO (Weekly) 20.41
— BB(20,2,0) 15.06 - 18.20 - 21.34
— PIVOTS 8.56, 12.37, 18.39, 22.20, 28.22

CHART D2. BRENT OIL, WEEKLY CHART

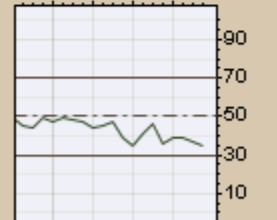


▲ CORN (Weekly) 15.04
— BB(20,2,0) 15.02 - 15.89 - 16.77
— PIVOTS 13.59, 14.99, 16.80, 18.20, 20.01

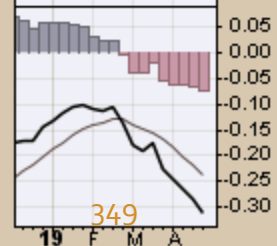
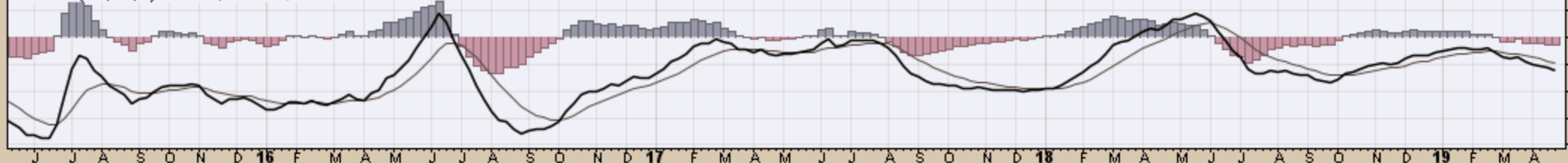
CHART D3. CORN, WEEKLY CHART



▲ RSI(14) 34.90

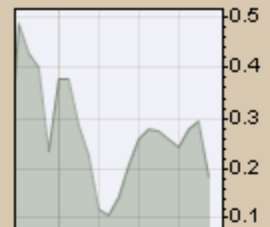


— MACD(12,26,9) -0.312, -0.236, -0.076

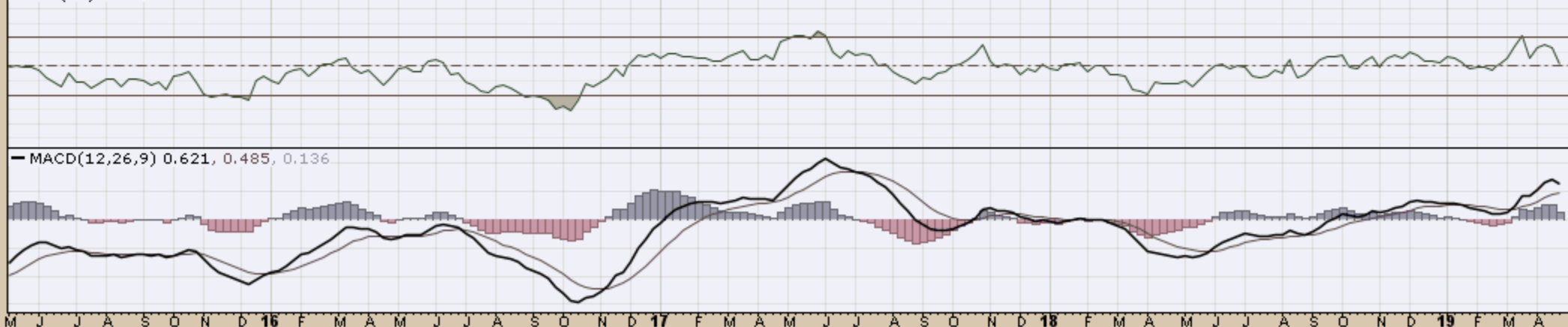


▲ COWTF (Weekly) 23.90
— BB(20,2,0) 21.53 - 23.64 - 25.75
— PIVOTS 17.67, 20.26, 22.21, 24.80, 26.75

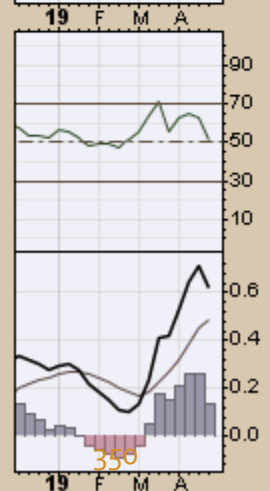
CHART D4. LIVESTOCK, WEEKLY CHART



▲ RSI(14) 51.68

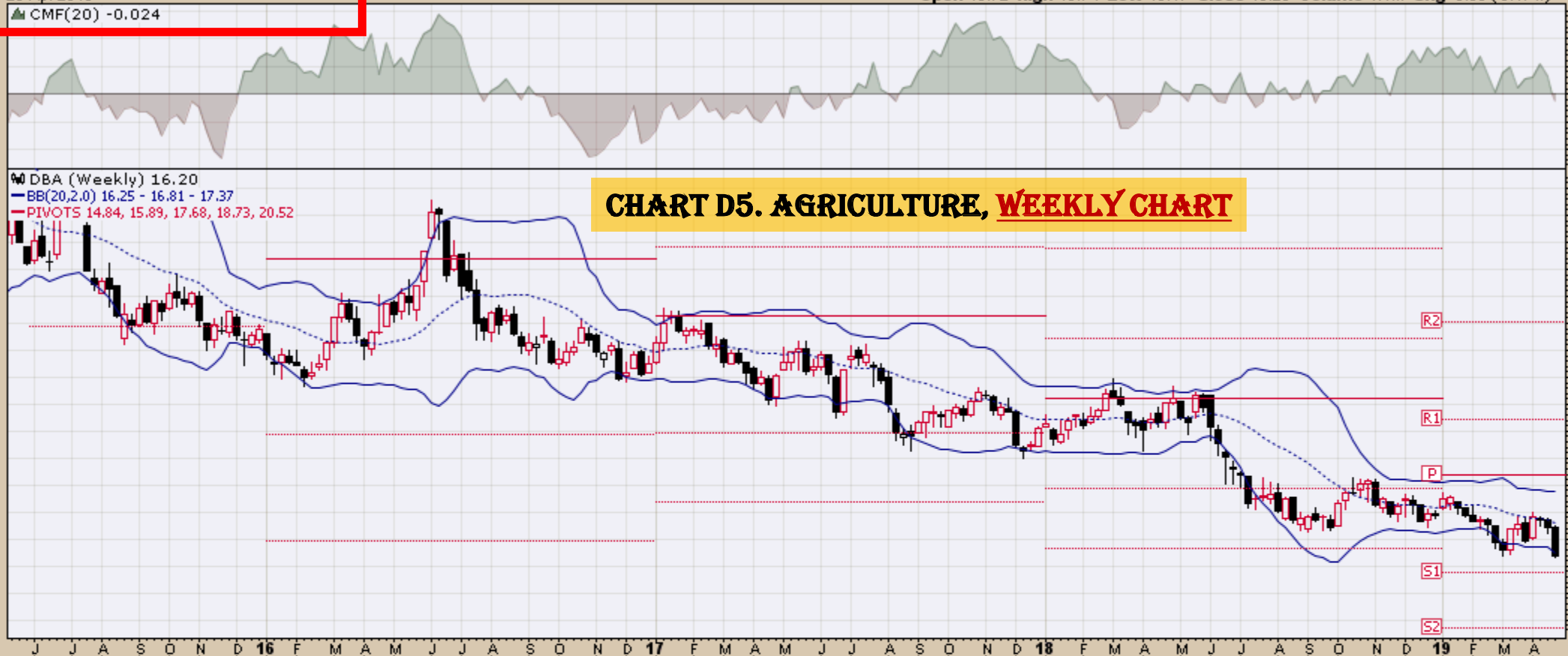


— MACD(12,26,9) 0.621, 0.485, 0.136

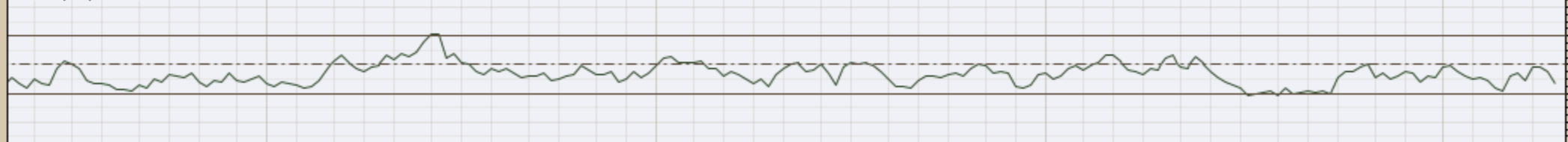


DBA (Weekly) 16.20
BB(20,2,0) 16.25 - 16.81 - 17.37
PIVOTS 14.84, 15.89, 17.68, 18.73, 20.52

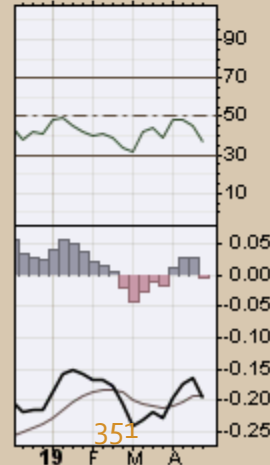
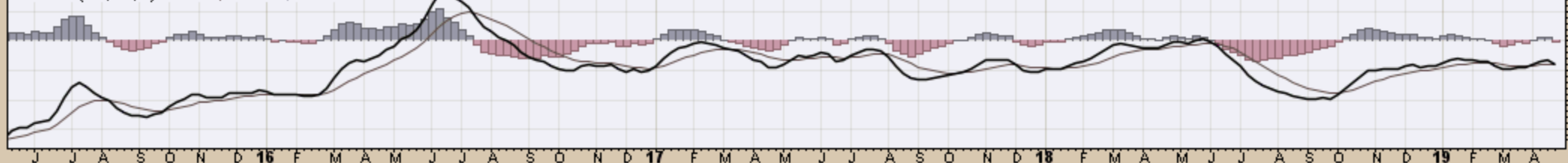
CHART D5. AGRICULTURE, WEEKLY CHART



▲ RSI(14) 37.13

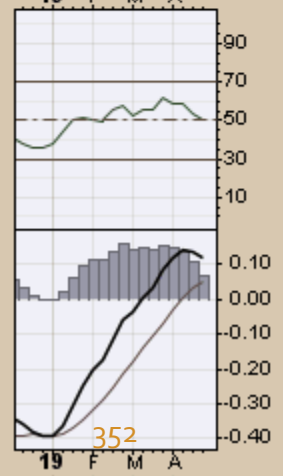
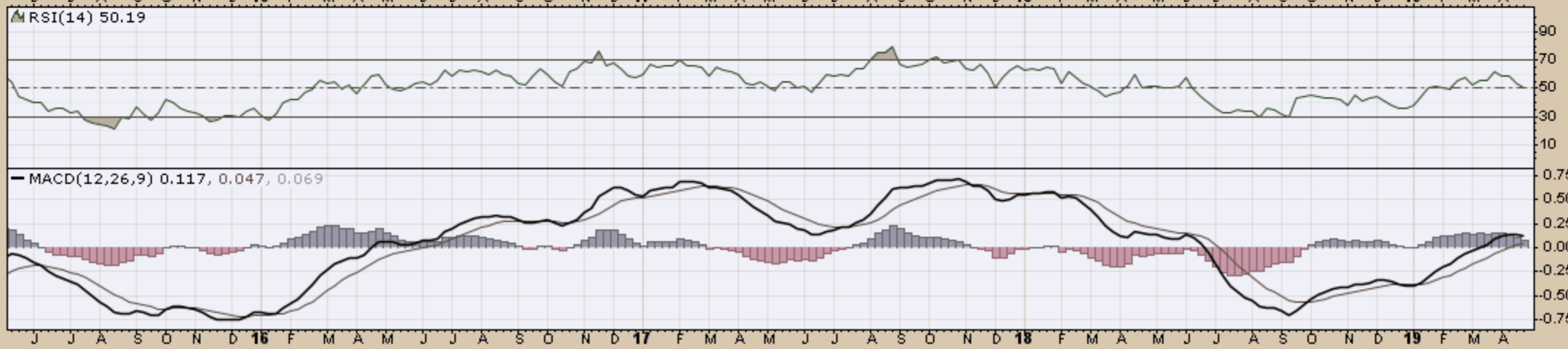
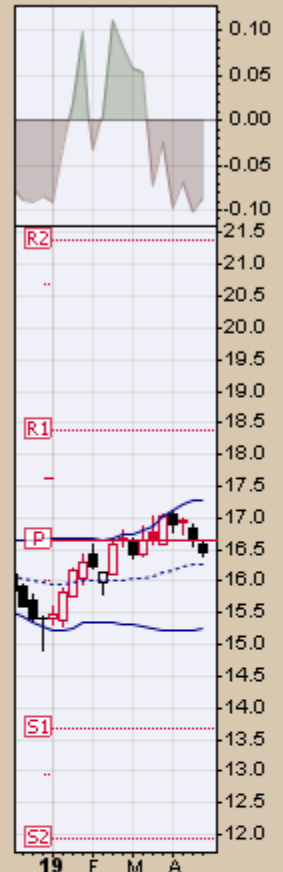
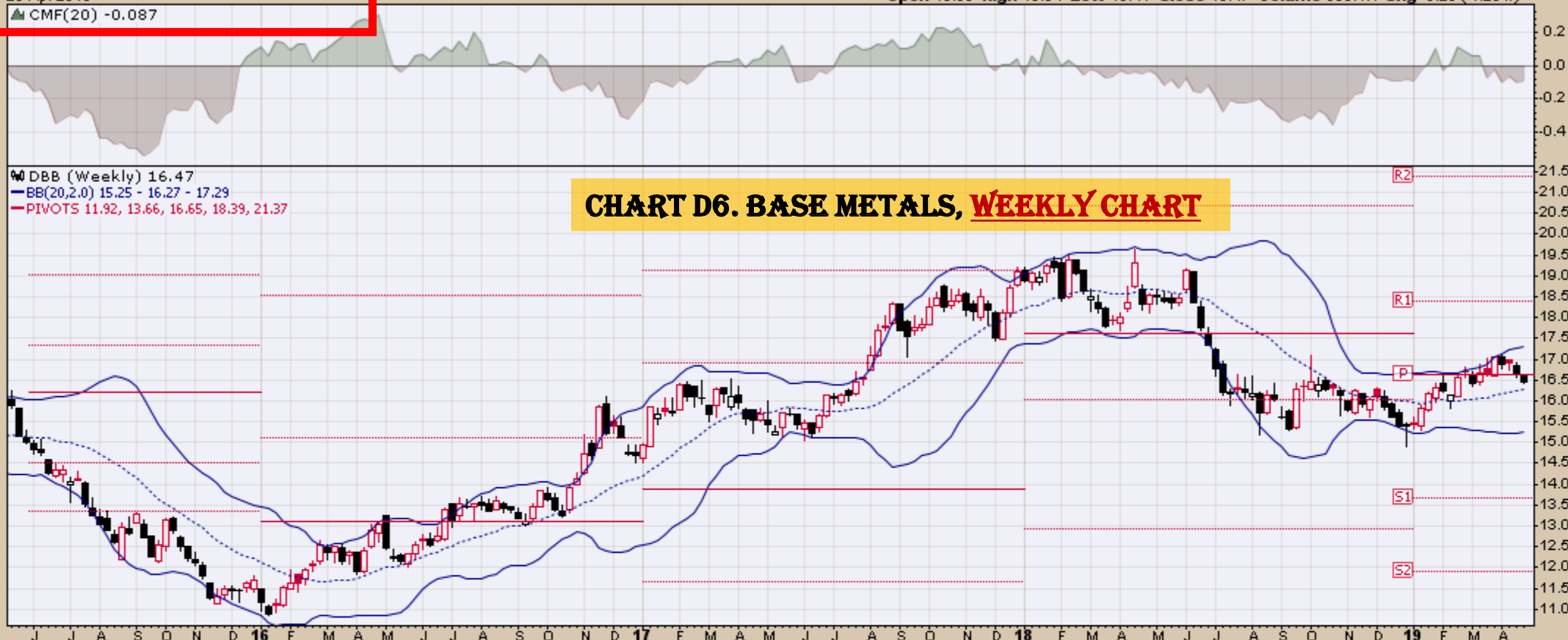


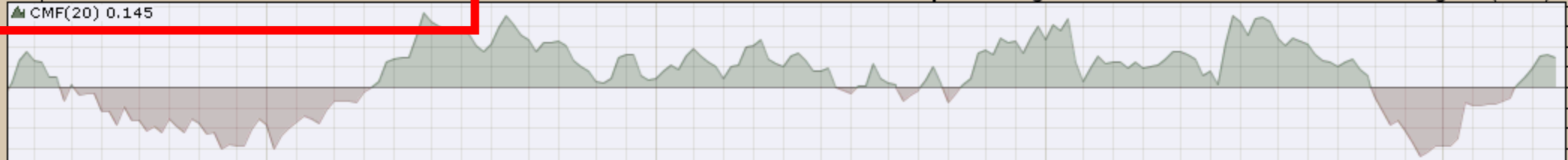
MACD(12,26,9) -0.198, -0.195, -0.003



DBB (Weekly) 16.47
BB(20,2,0) 15.25 - 16.27 - 17.29
PIVOTS 11.92, 13.66, 16.65, 18.39, 21.37

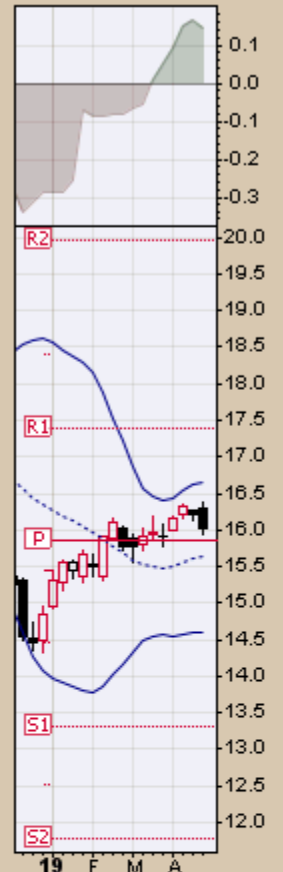
CHART D6. BASE METALS, WEEKLY CHART



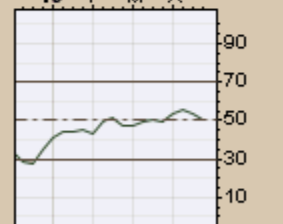
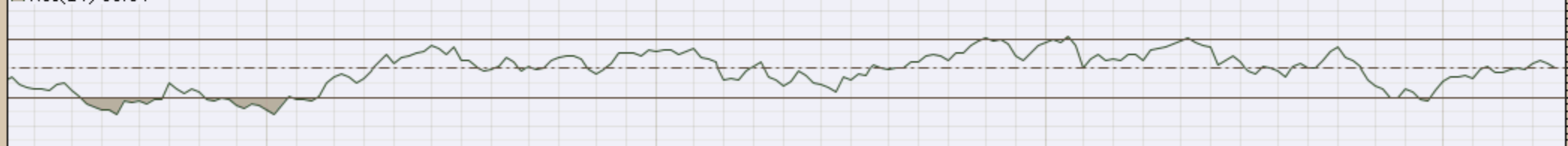


▲ DBC (Weekly) 16.03
 — BB(20,2,0) 14.61 - 15.64 - 16.66
 — PIVOTS 11.77, 13.31, 15.86, 17.40, 19.95

CHART D7. COMMODITY INDEX, WEEKLY CHART



▲ RSI(14) 50.64



— MACD(12,26,9) -0.017, -0.126, 0.109

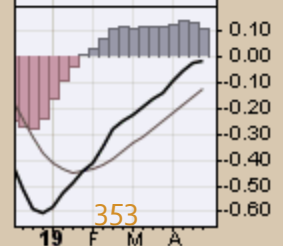
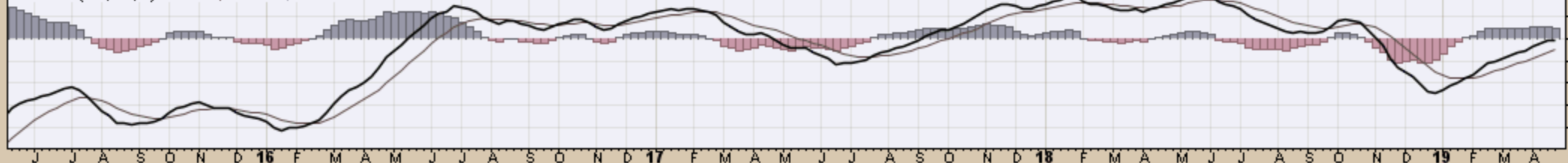
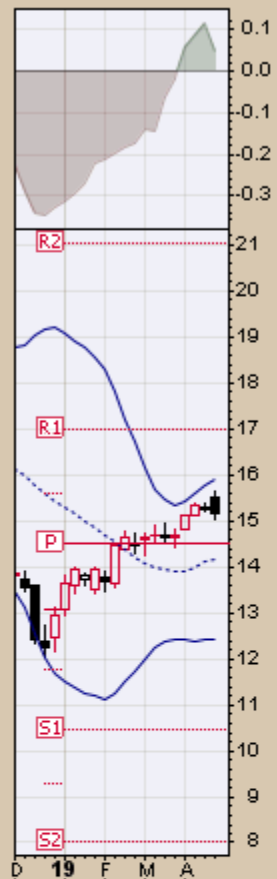
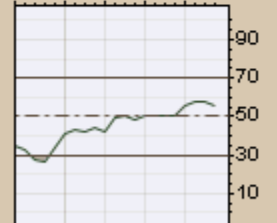
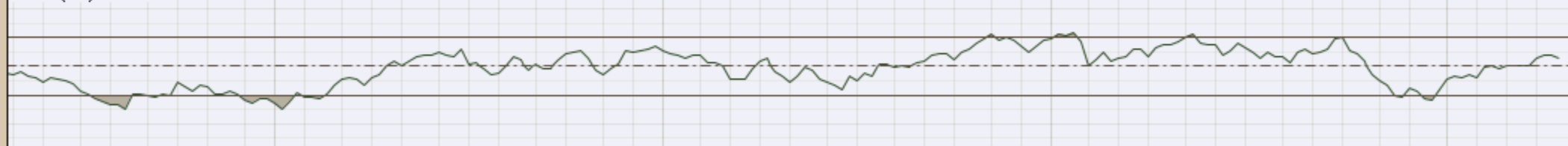


CHART D8. ENERGY, WEEKLY CHART

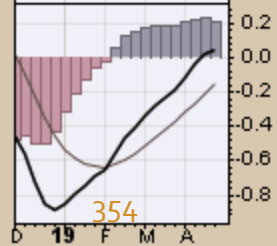
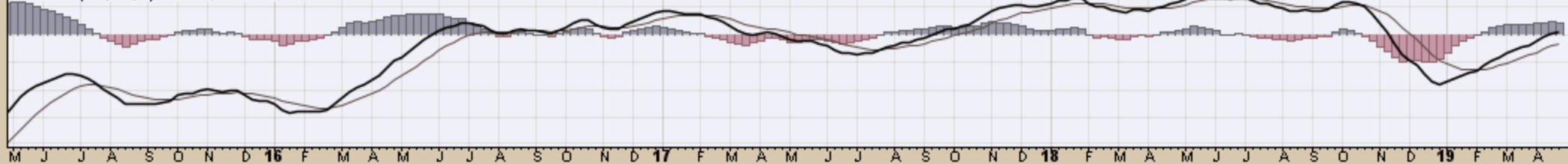
DBE (Weekly) 15.17
BB(20,2,0) 12.43 - 14.17 - 15.91
PIVOTS 8.02, 10.47, 14.52, 16.97, 21.02

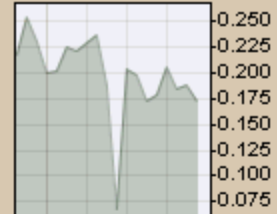
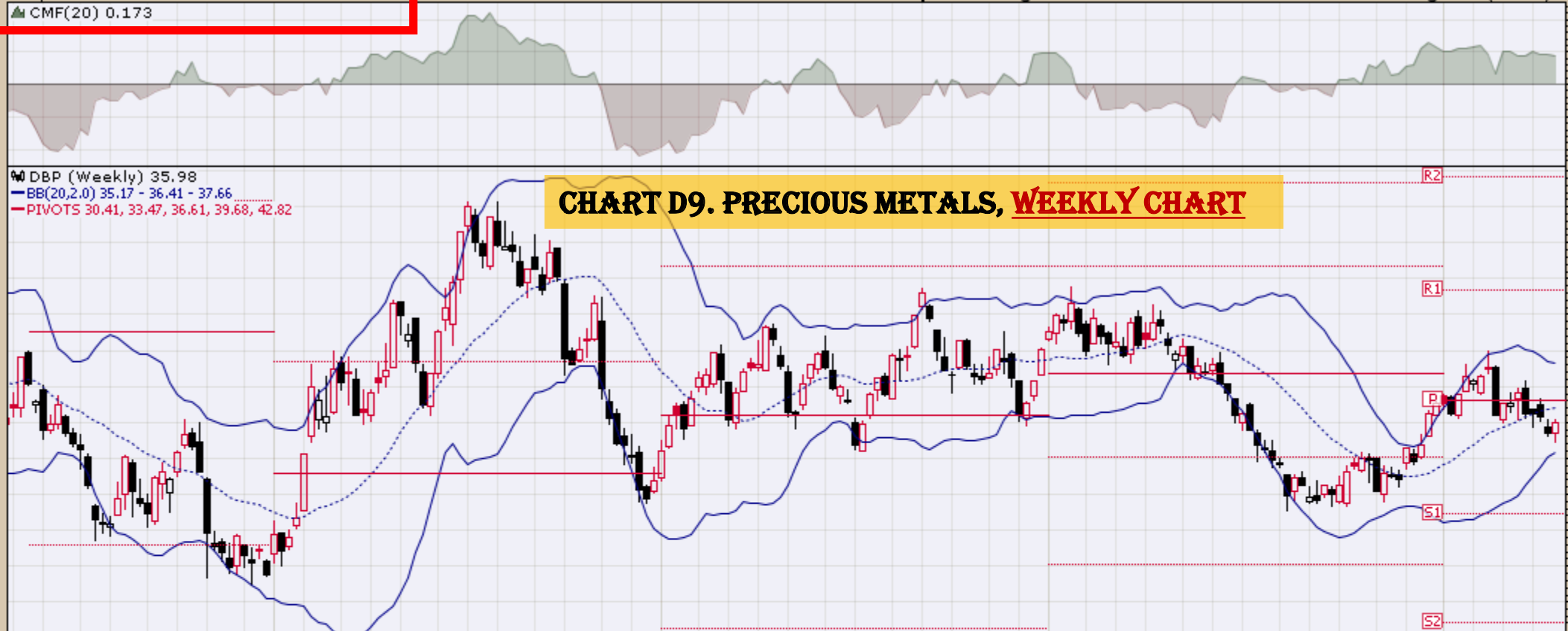


▲ RSI(14) 55.34

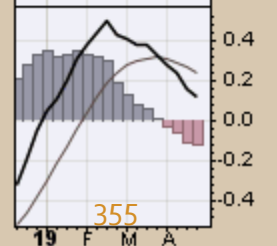
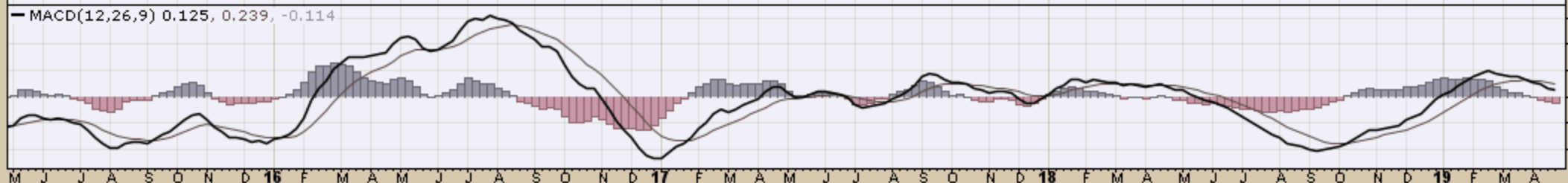
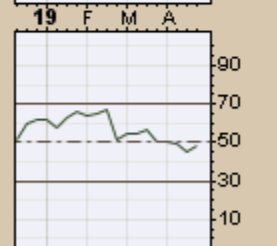


MACD(12,26,9) 0.049, -0.157, 0.206





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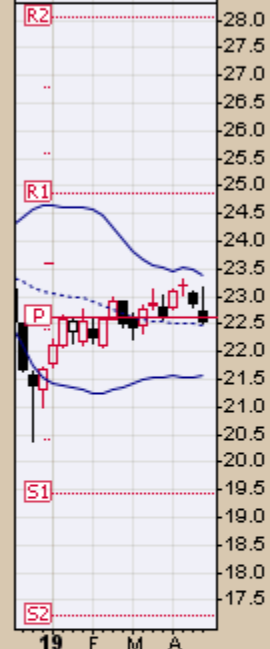
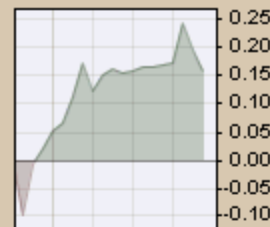


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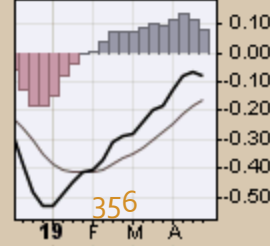
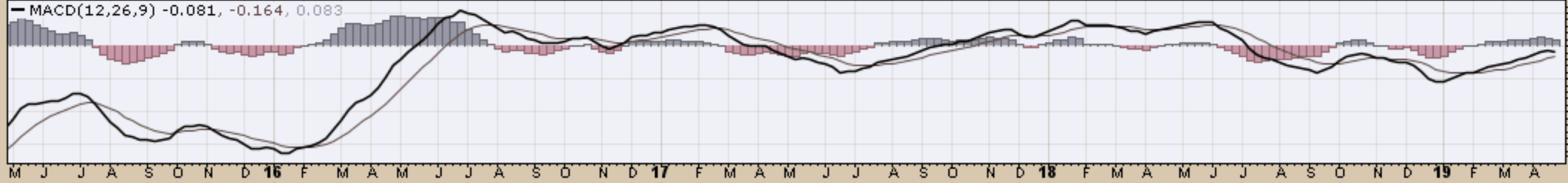
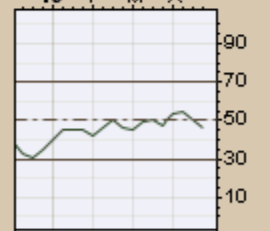
355

CHART D10. COMMODITY INDEX

DJP (Weekly) 22.55
BB(20,2,0) 21.58 - 22.49 - 23.40
PIVOTS 17.20, 19.45, 22.62, 24.87, 28.04

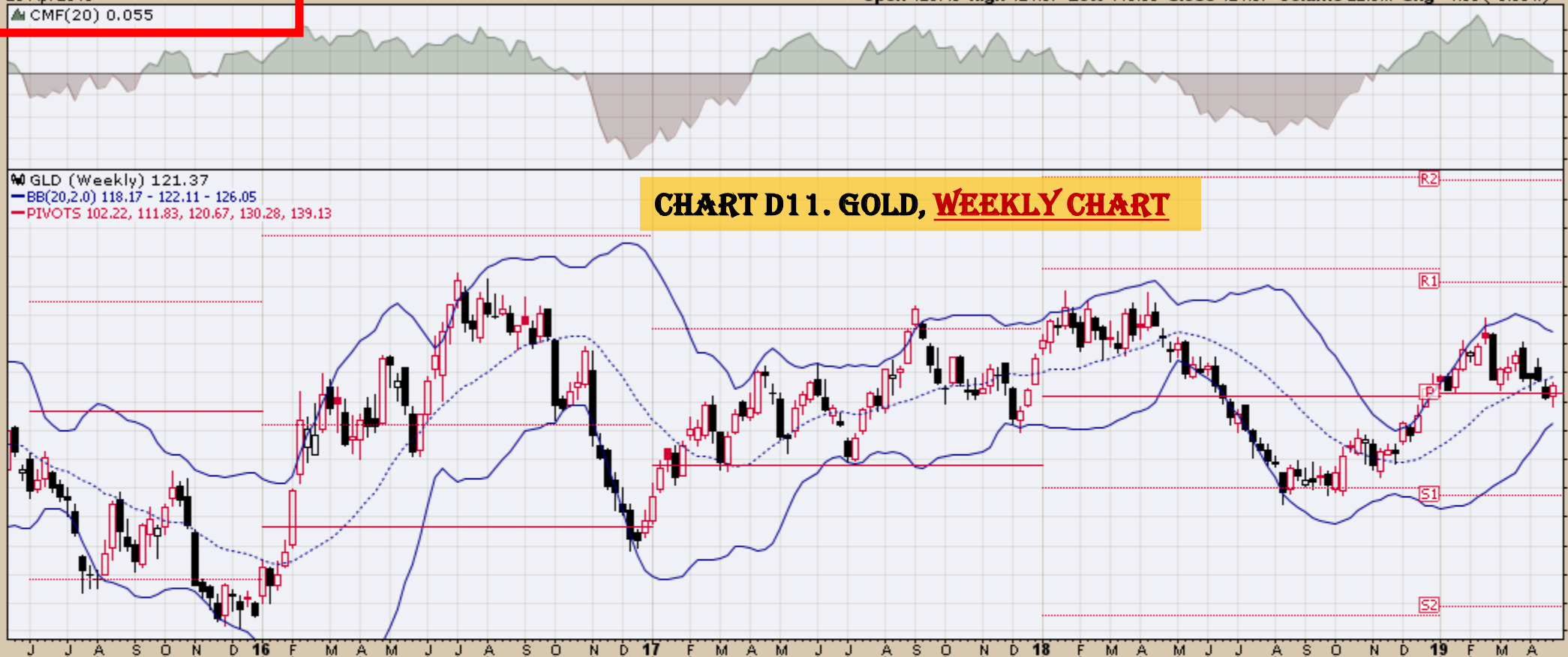


M J J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A



GLD (Weekly) 121.37
BB(20,2,0) 118.17 - 122.11 - 126.05
PIVOTS 102.22, 111.83, 120.67, 130.28, 139.13

CHART D11. GOLD, WEEKLY CHART



▲ RSI(14) 51.33



MACD(12,26,9) 0.850, 1.215, -0.365

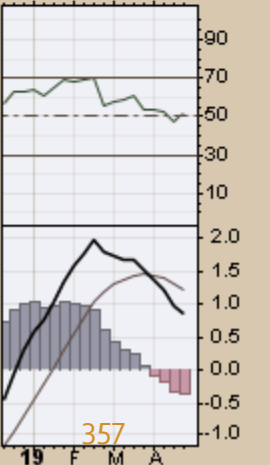
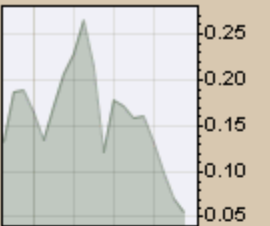
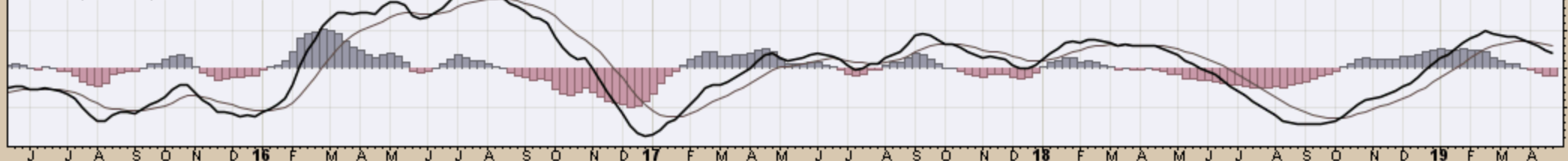
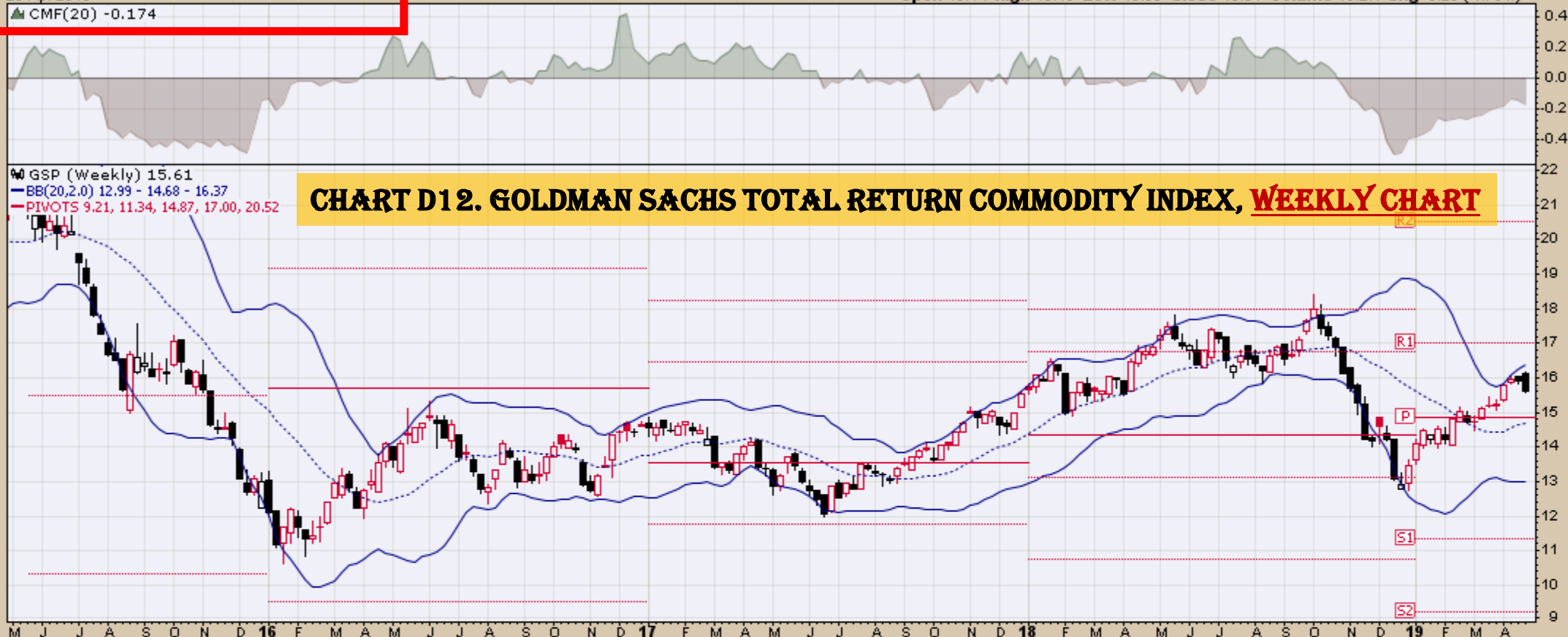
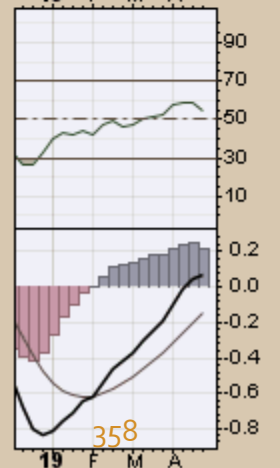
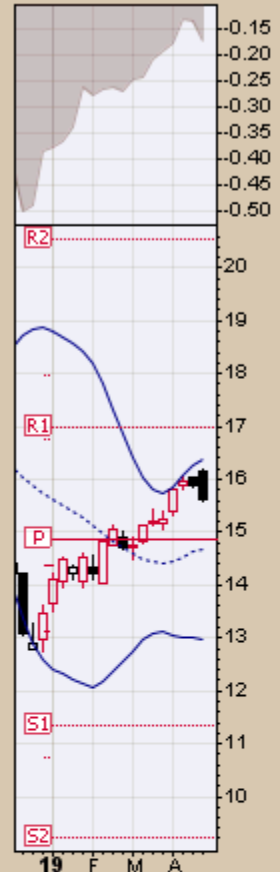
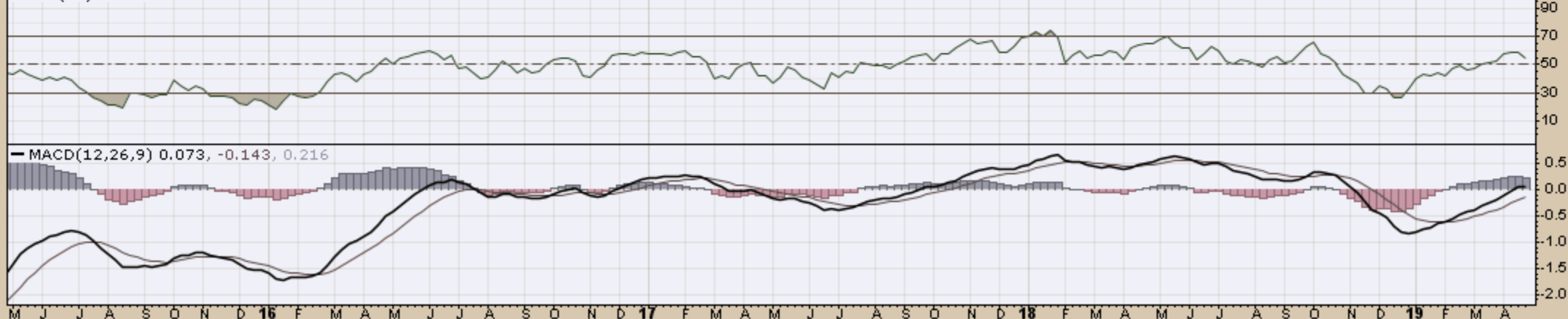


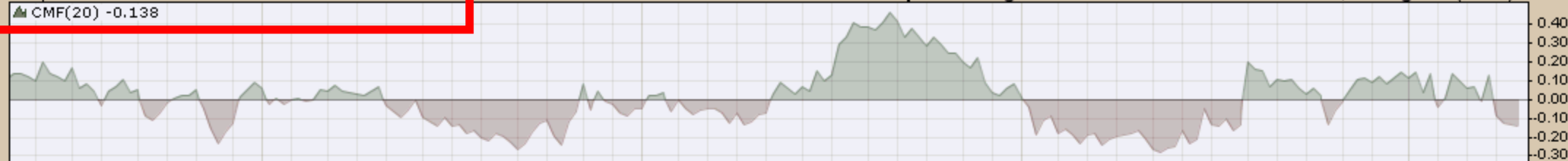
CHART D12. GOLDMAN SACHS TOTAL RETURN COMMODITY INDEX, WEEKLY CHART

GSP (Weekly) 15.61
BB(20,2,0) 12.99 - 14.68 - 16.37
PIVOTS 9.21, 11.34, 14.87, 17.00, 20.52



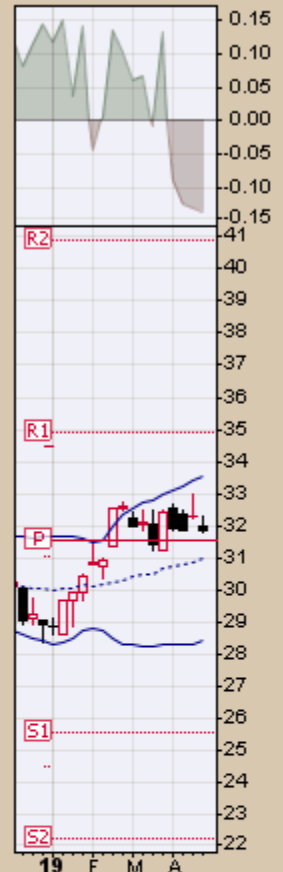
▲ RSI(14) 54.58



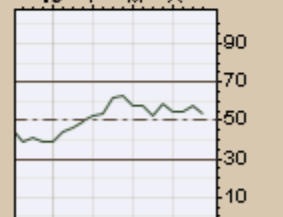


▲ JJCTF (Weekly) 31.86
 — BB(20,2,0) 28.38 - 30.95 - 33.51
 — PIVOTS 22.19, 25.57, 31.53, 34.91, 40.87

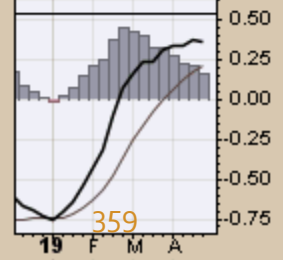
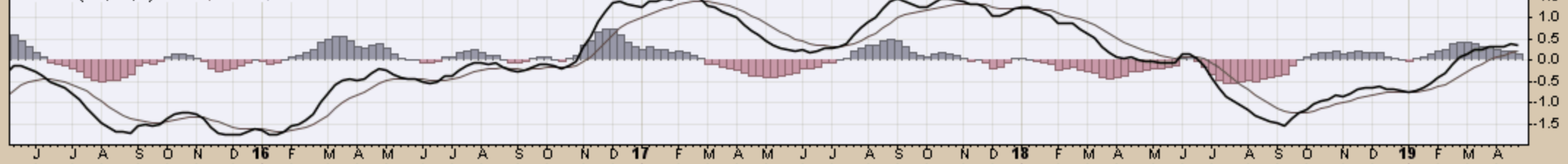
CHART D13. COPPER SUBINDEX, WEEKLY CHART



▲ RSI(14) 54.03



— MACD(12,26,9) 0.362, 0.208, 0.154

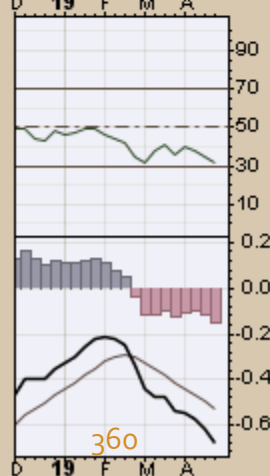
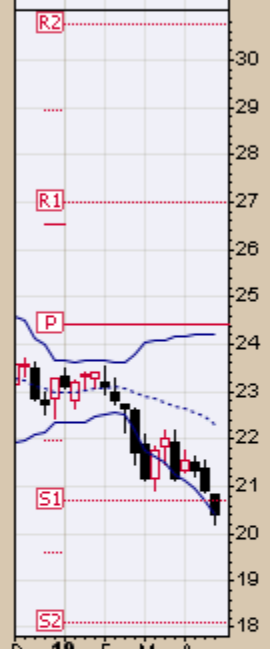
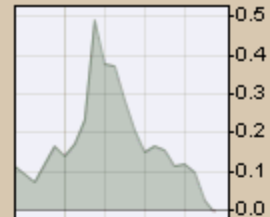
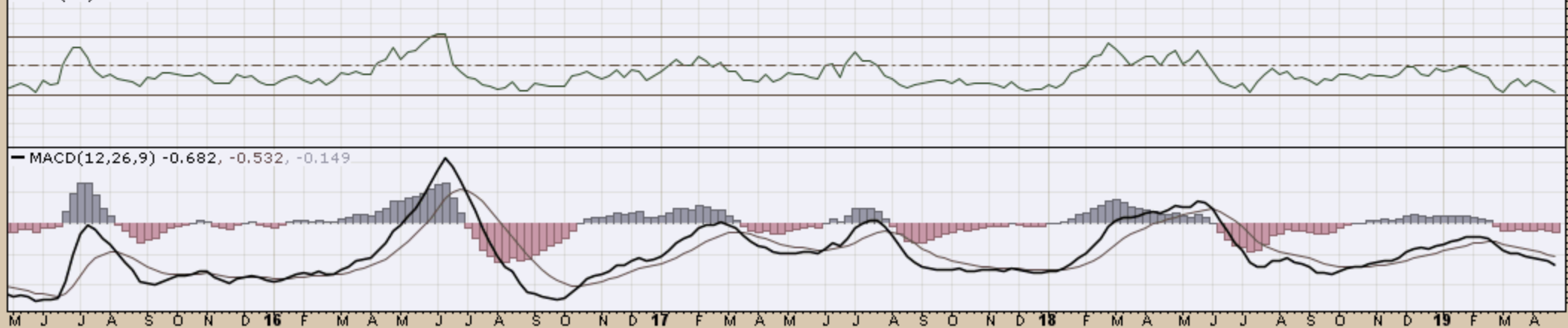


▲ JJGTF (Weekly) 20.39
— BB(20,2,0) 20.40 - 22.31 - 24.21
— PIVOTS 18.11, 20.69, 24.42, 27.00, 30.73

CHART D14. GRAINS, WEEKLY CHART

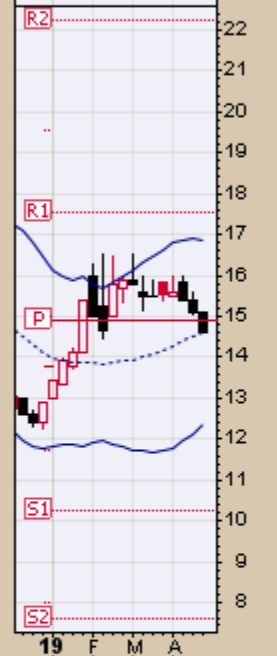
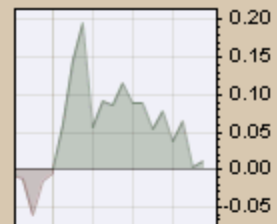


▲ RSI(14) 32.06

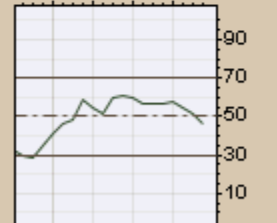
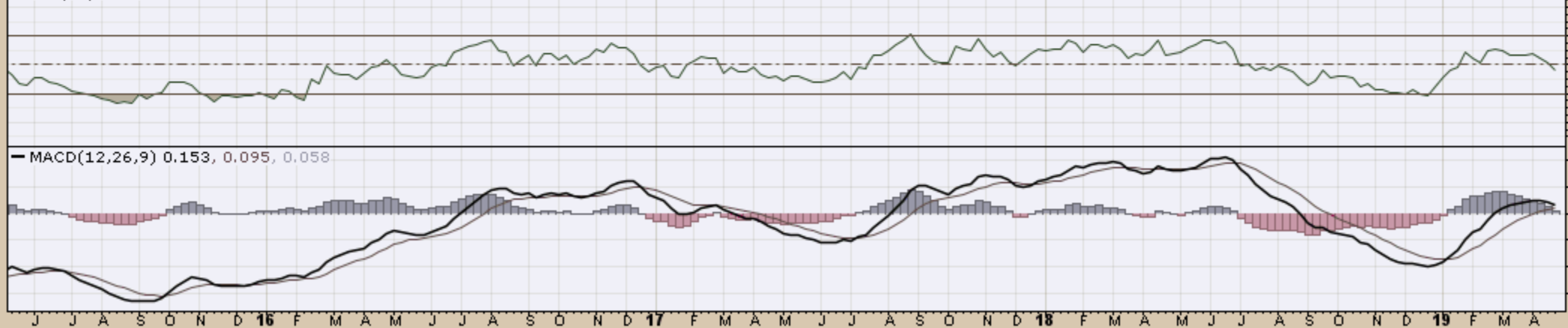


▲ JJNTF (Weekly) 14.59
— BB(20,2,0) 12.34 - 14.61 - 16.87
— PIVOTS 7.59, 10.25, 14.90, 17.56, 22.21

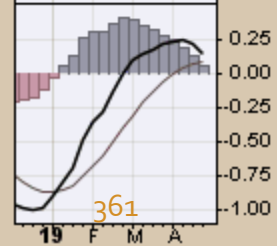
CHART D15. NICKEL, WEEKLY CHART

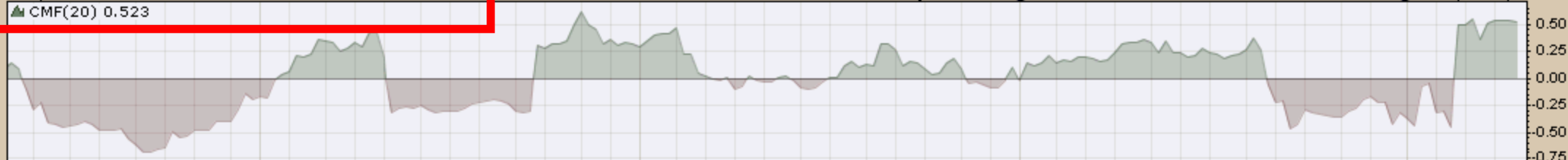


▲ RSI(14) 46.21



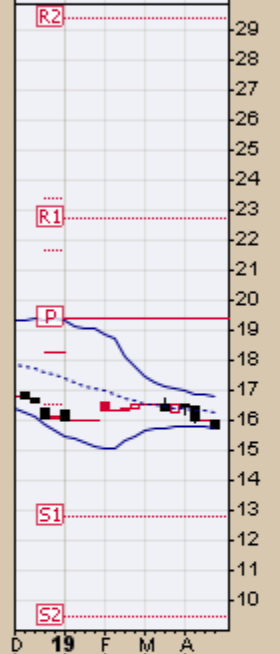
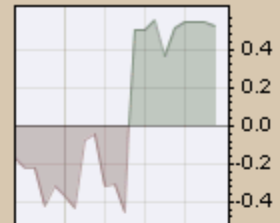
— MACD(12,26,9) 0.153, 0.095, 0.058



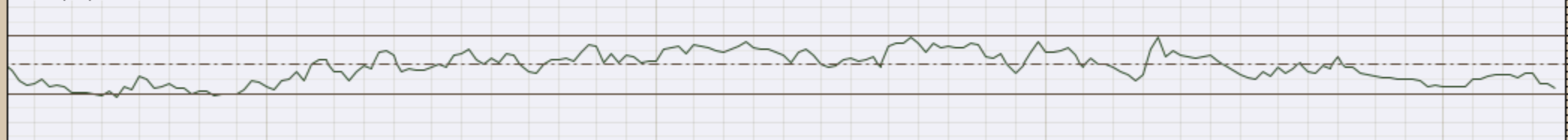


▲ JJUFF (Weekly) 15.68
 — BB(20,2,0) 15.70 - 16.24 - 16.78
 — PIVOTS 9.40, 12.77, 19.38, 22.75, 29.36

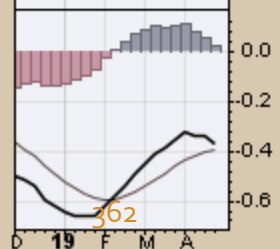
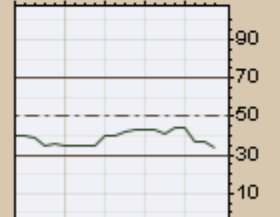
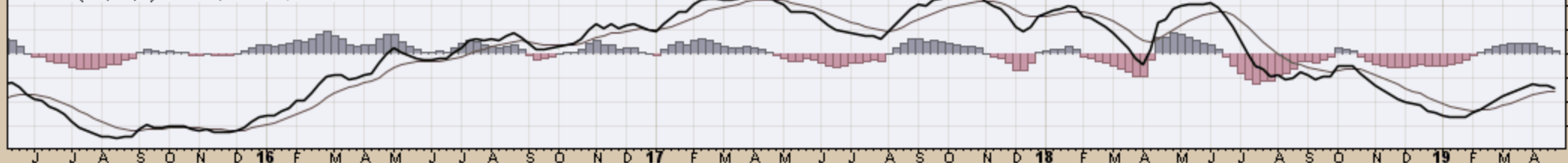
CHART D16. ALUMINUM, WEEKLY CHART



▲ RSI(14) 33.34



— MACD(12,26,9) -0.365, -0.392, 0.027



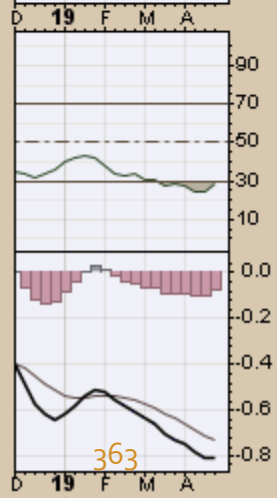
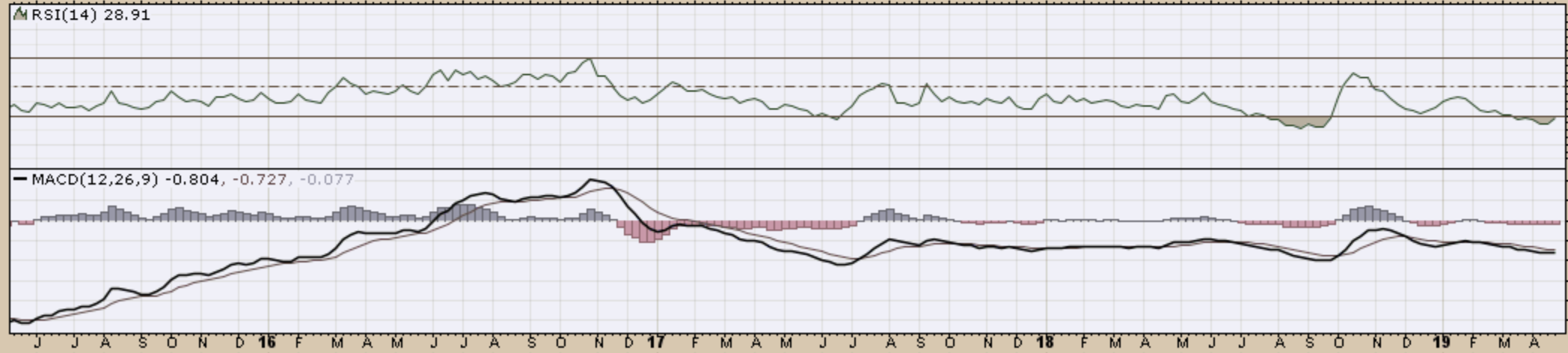
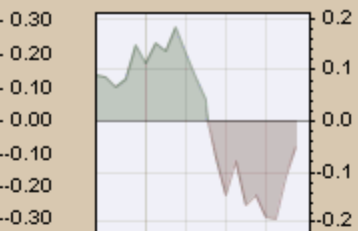
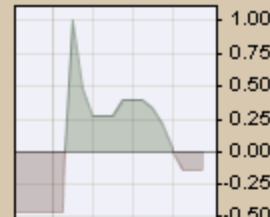
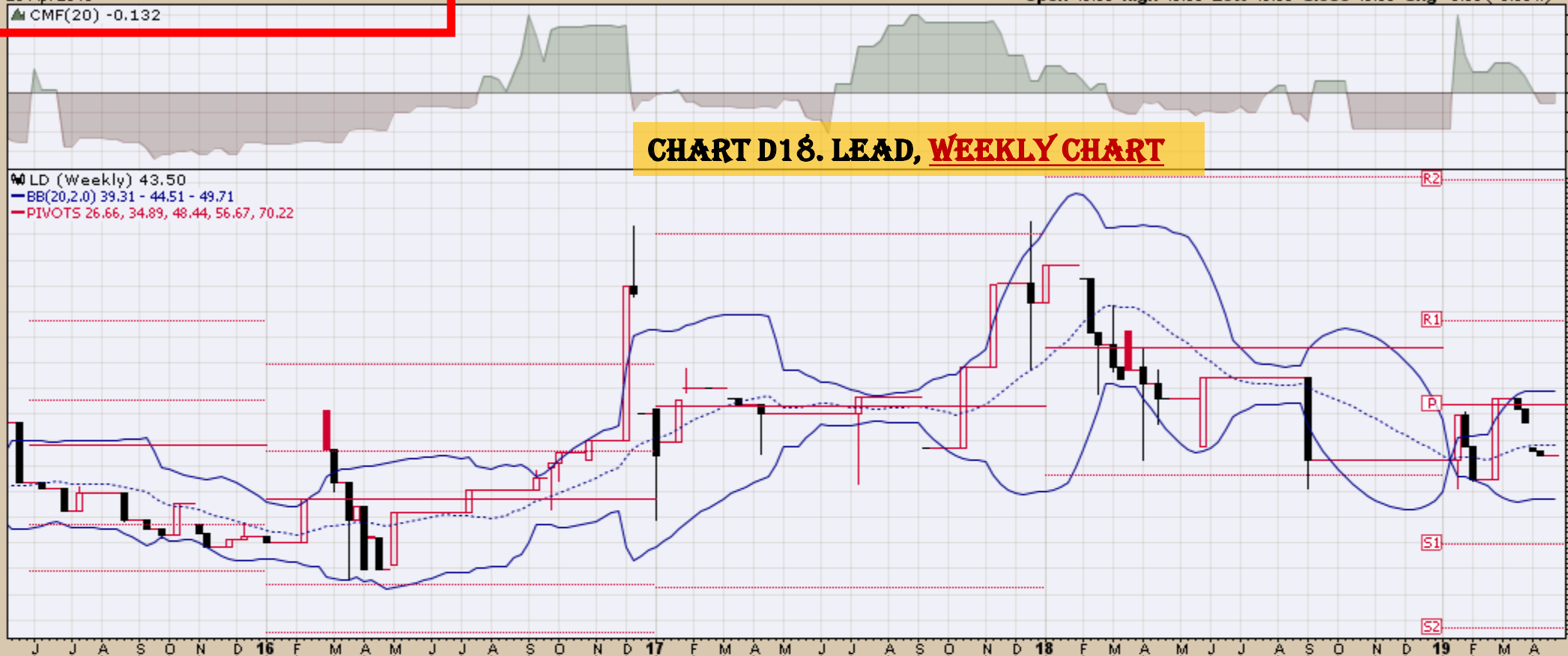
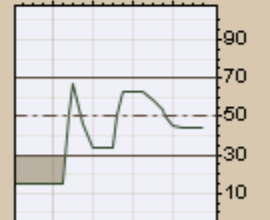


CHART D18. LEAD, WEEKLY CHART

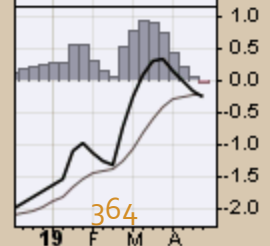
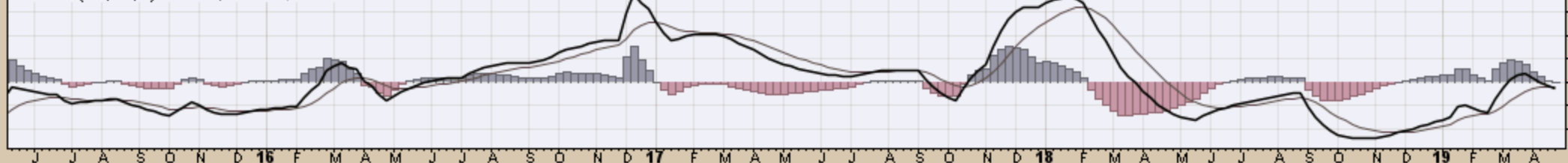
LD (Weekly) 43.50
BB(20,2,0) 39.31 - 44.51 - 49.71
PIVOTS 26.66, 34.89, 48.44, 56.67, 70.22



▲ RSI(14) 44.00

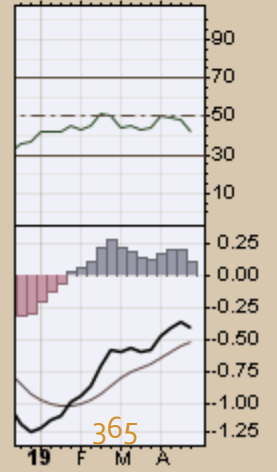
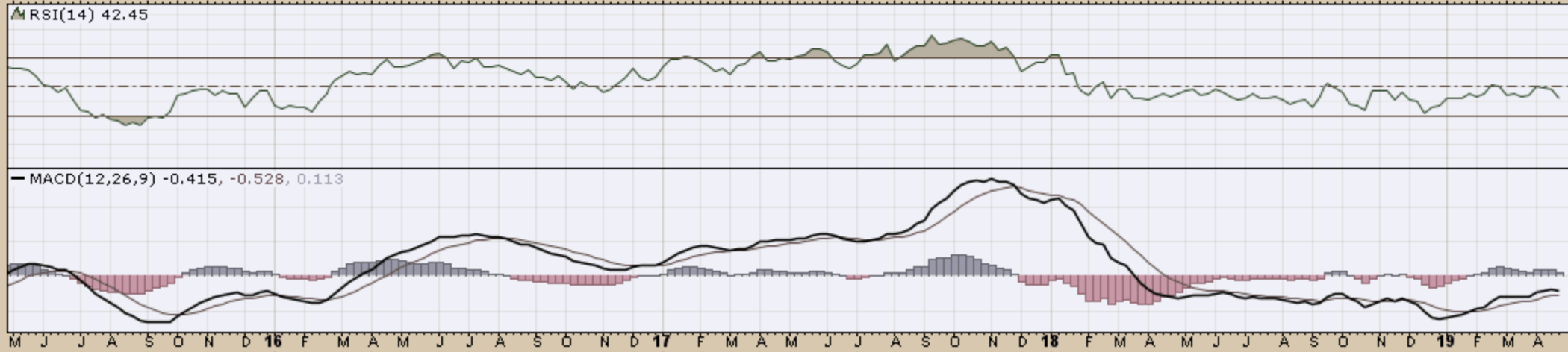
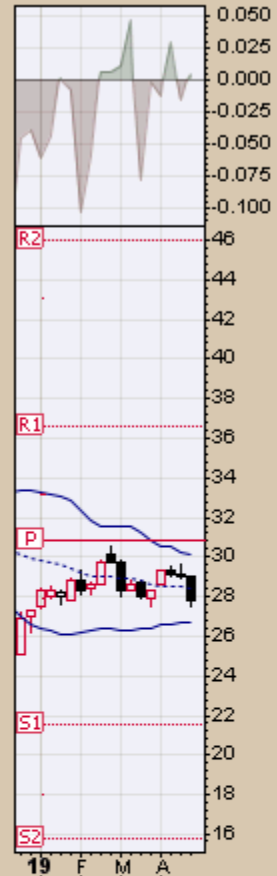


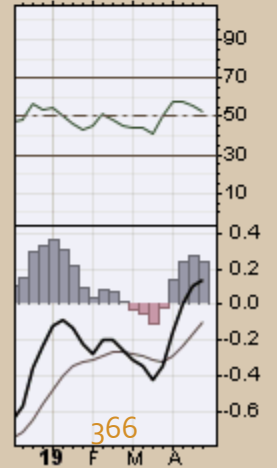
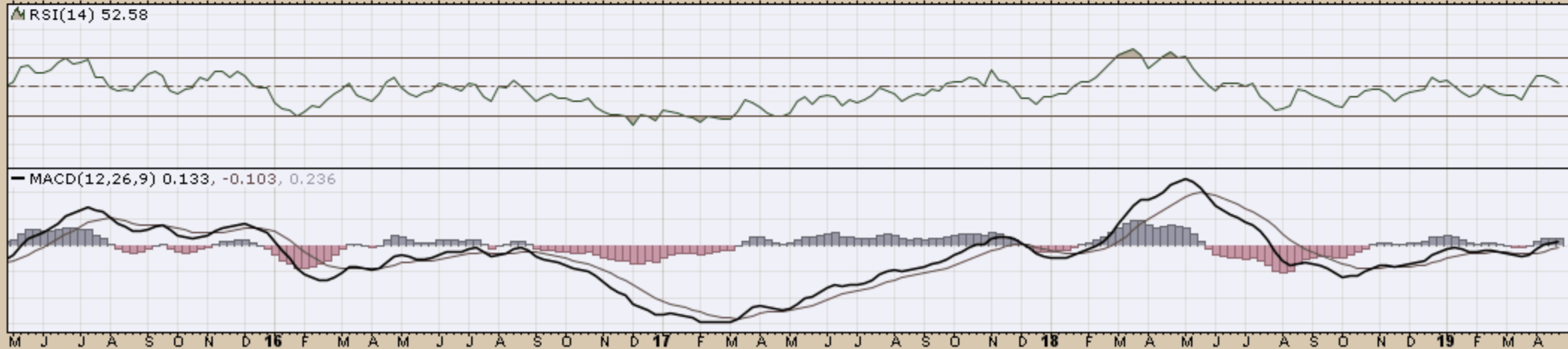
MACD(12,26,9) -0.251, -0.219, -0.033



LIT (Weekly) 27.80
BB(20,2,0) 26.68 - 28.40 - 30.11
PIVOTS 15.74, 21.50, 30.85, 36.61, 45.95

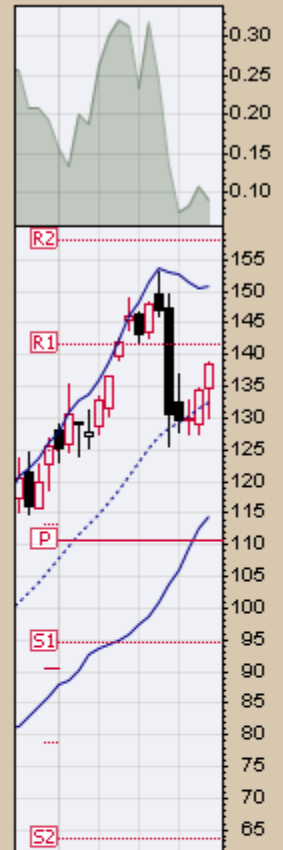
CHART D19. LITHIUM, WEEKLY CHART



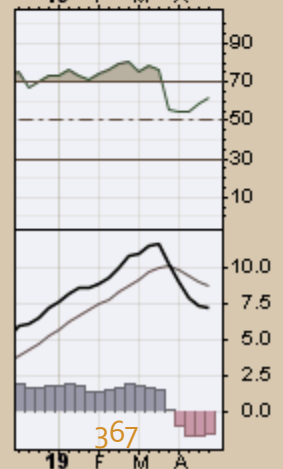
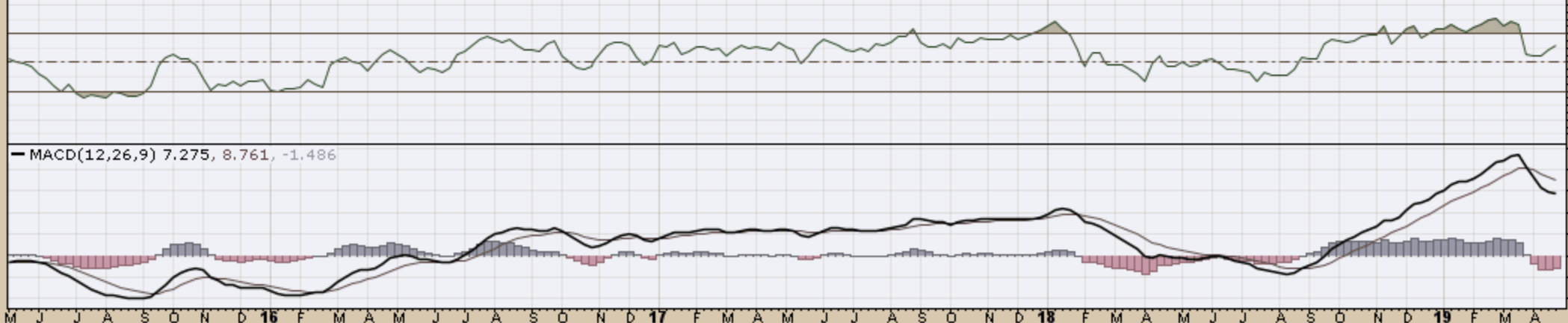


PALL (Weekly) 138.63
BB(20,2,0) 114.60 - 132.65 - 150.71
PIVOTS 63.50, 94.60, 110.71, 141.81, 157.92

CHART D21. PALLADIUM, WEEKLY CHART

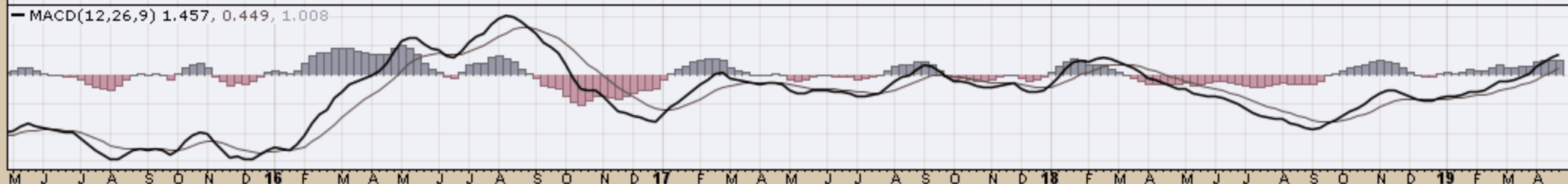
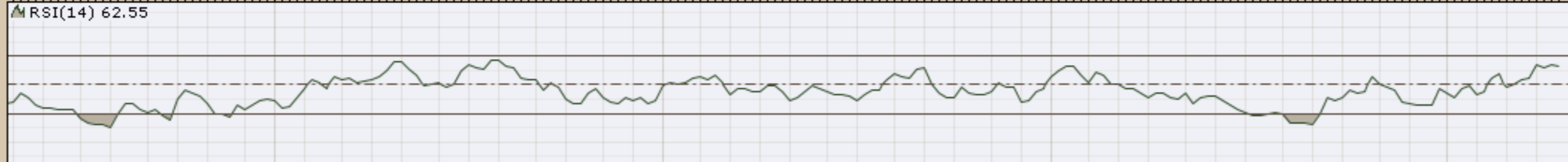


MRSI(14) 61.81

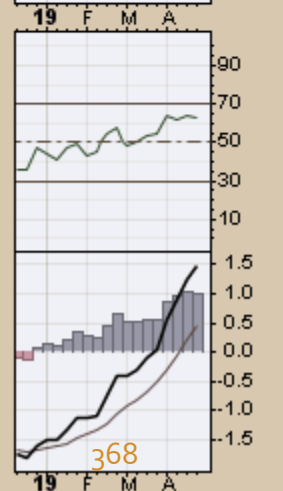
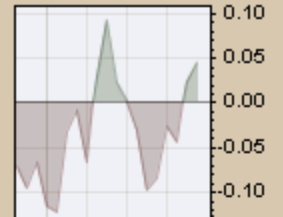




M J J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A



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



19 F M A

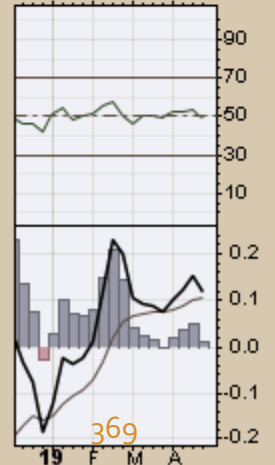
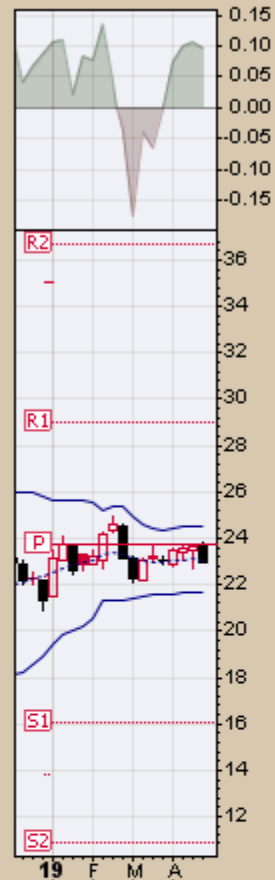
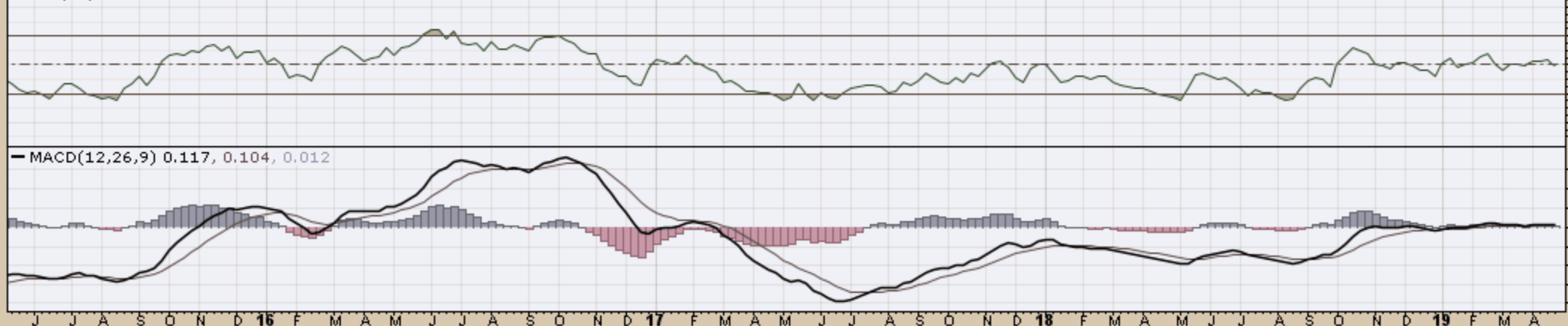
▲ CMF(20) 0.098

SGGFF (Weekly) 23.00
BB(20,2,0) 21.66 - 23.08 - 24.51
PIVOTS 10.84, 16.09, 23.74, 28.99, 36.64

CHART D23. SUGAR, WEEKLY CHART



▲ RSI(14) 49.10



SLV iShares Silver Trust NYSE

26-Apr-2019

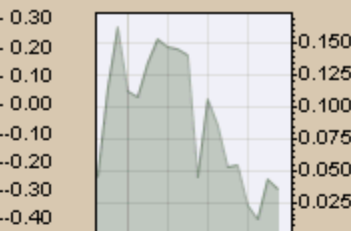
▲ CMF(20) 0.036

Open 14.08 High 14.14 Low 13.83 Close 14.10 Volume 27.8M Chg +0.04 (+0.28%)▲

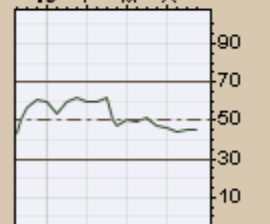
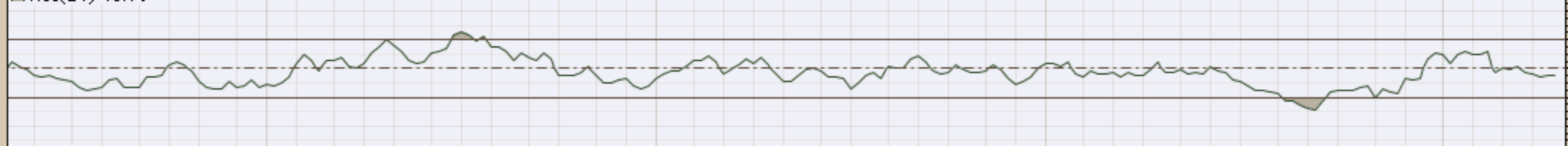
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SLV (Weekly) 14.10
BB(20,2,0) 13.67 - 14.39 - 15.11
PIVOTS 11.30, 13.01, 14.83, 16.54, 18.36

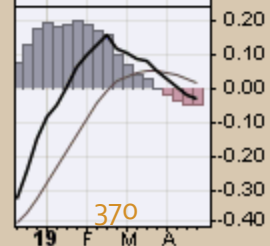
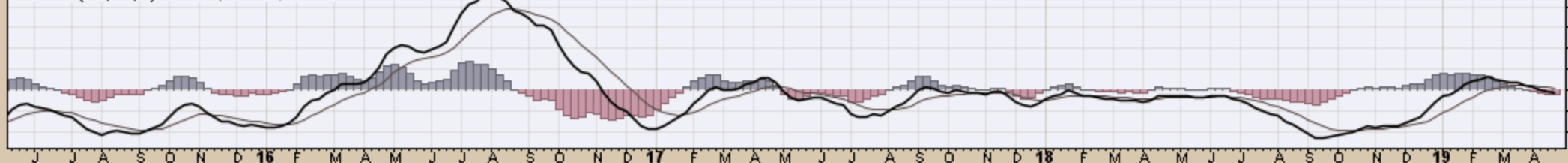
CHART D24. SILVER, WEEKLY CHART



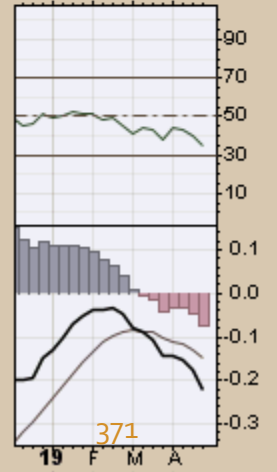
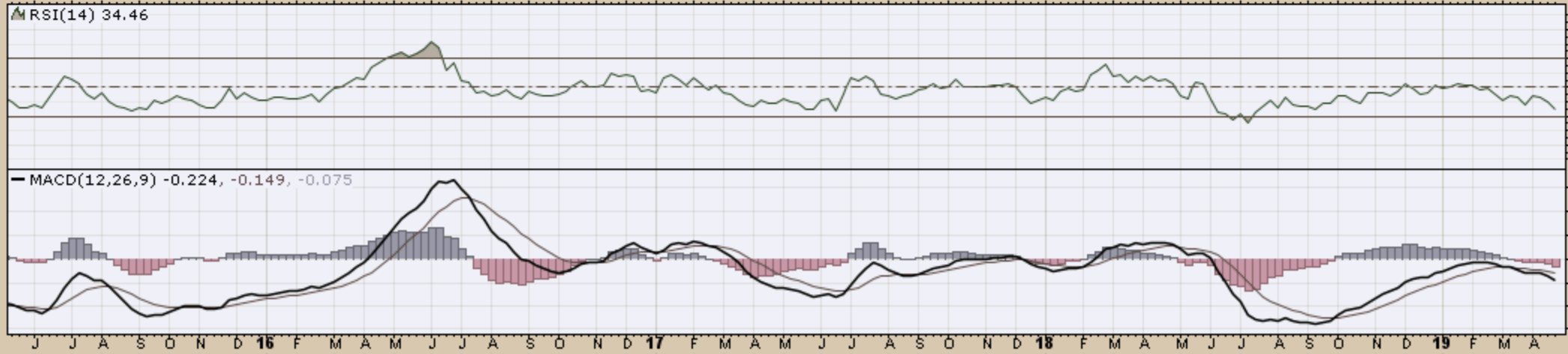
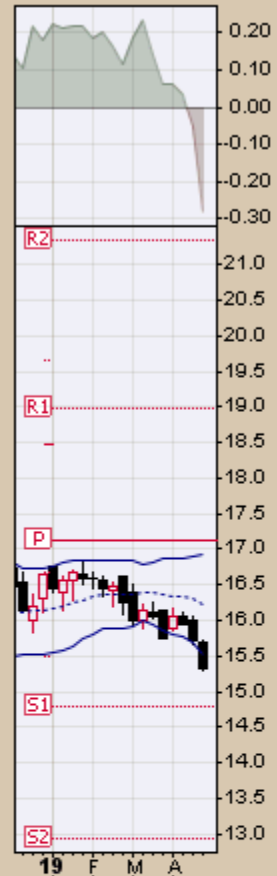
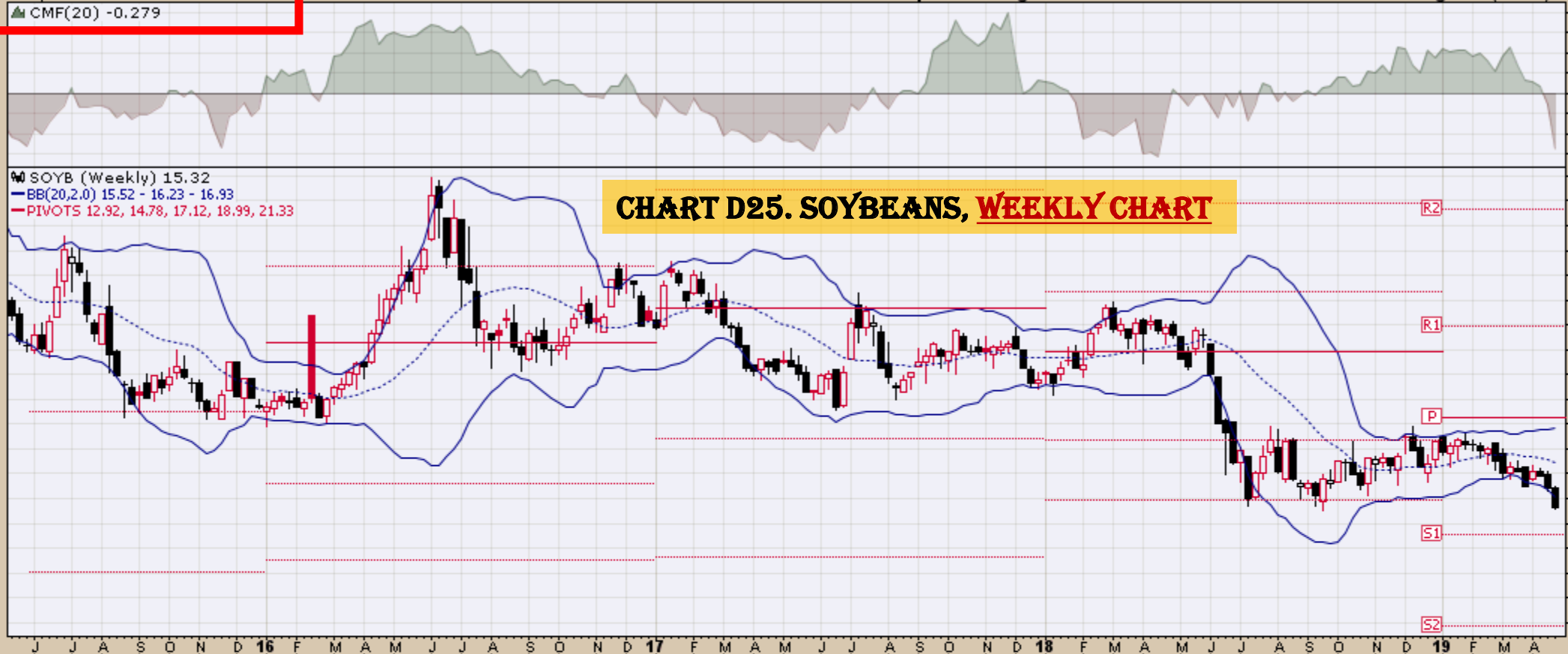
▲ RSI(14) 45.79

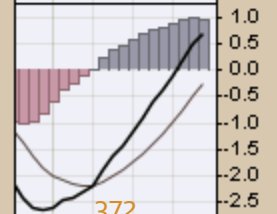
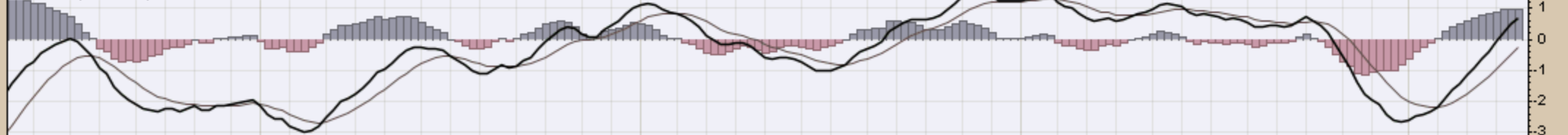
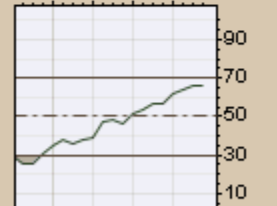
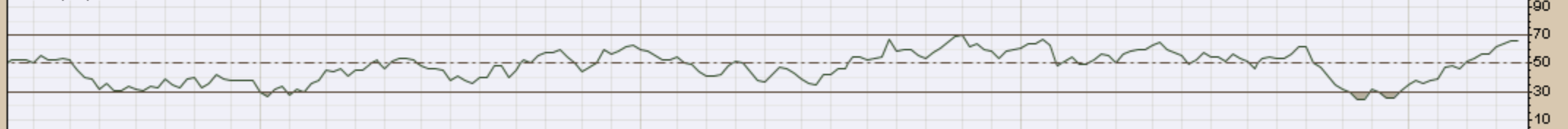
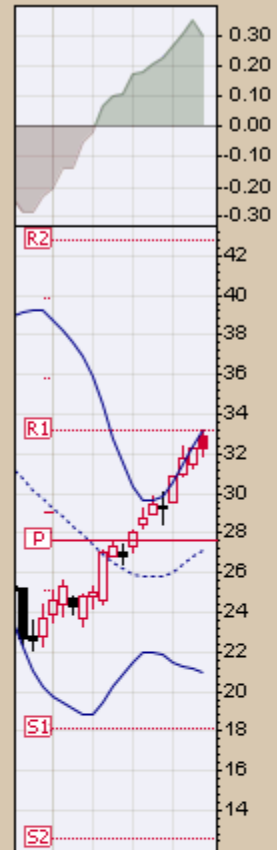
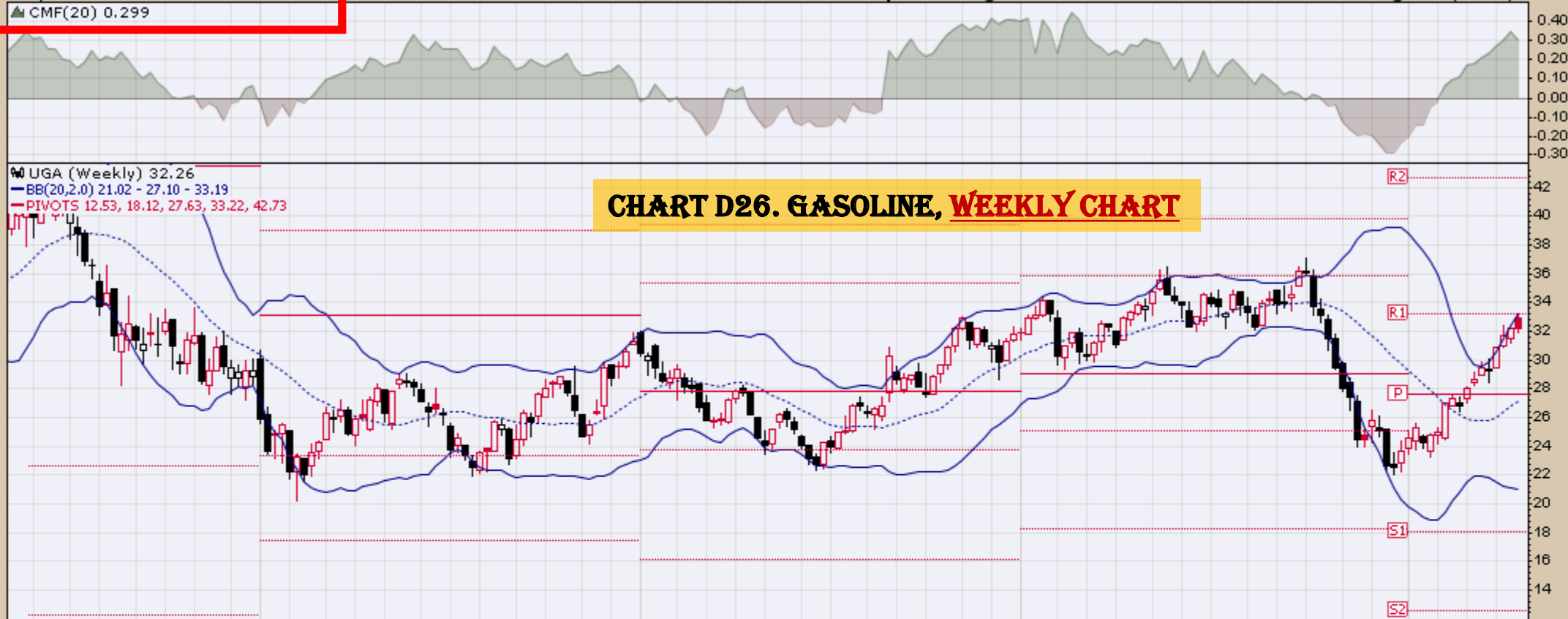


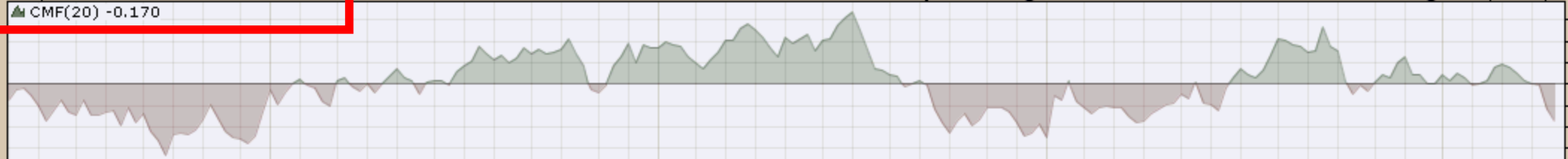
MACD(12,26,9) -0.031, 0.017, -0.048



370

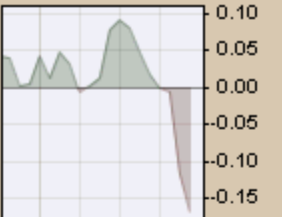




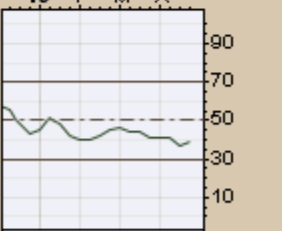
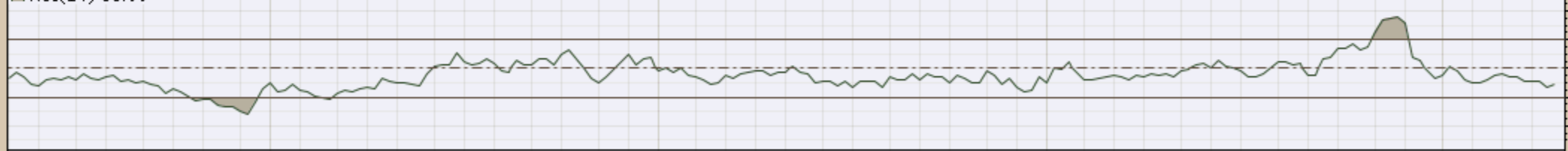


UNG (Weekly) 22.38
 BB(20,2,0) 20.43 - 25.23 - 30.02
 PIVOTS 10.53, 17.81, 28.84, 36.12, 47.15

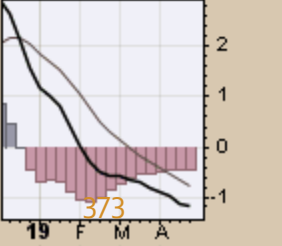
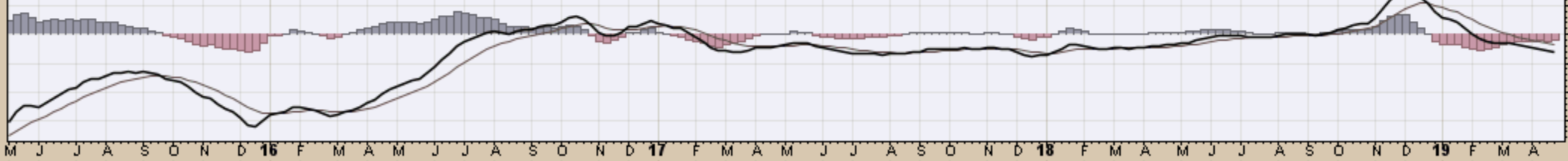
CHART 27. NATURAL GAS, WEEKLY CHART



MRSI(14) 38.99



MACD(12,26,9) -1.183, -0.751, -0.432



USL United States 12 Month Oil Fund, LP NYSE

26-Apr-2019

▲ CMF(20) 0.127

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Open 24.19 High 24.42 Low 23.24 Close 23.36 Volume 96.0K Chg -0.39 (-1.64%) ▼

USL (Weekly) 23.36
BB(20,2,0) 17.74 - 21.25 - 24.77
PIVOTS 10.02, 14.47, 21.51, 25.96, 33.00

CHART D28. US 12 MONTH OIL FUND, WEEKLY CHART

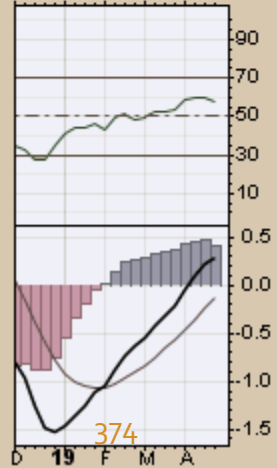
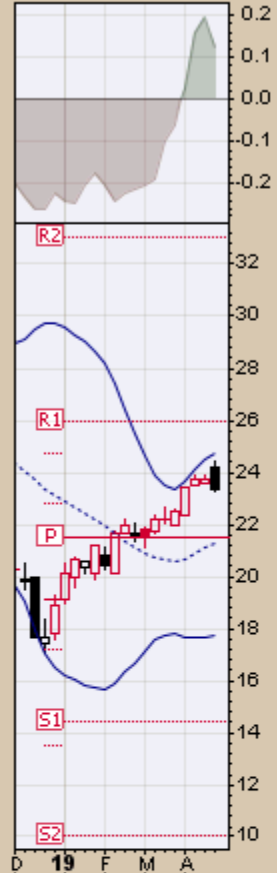
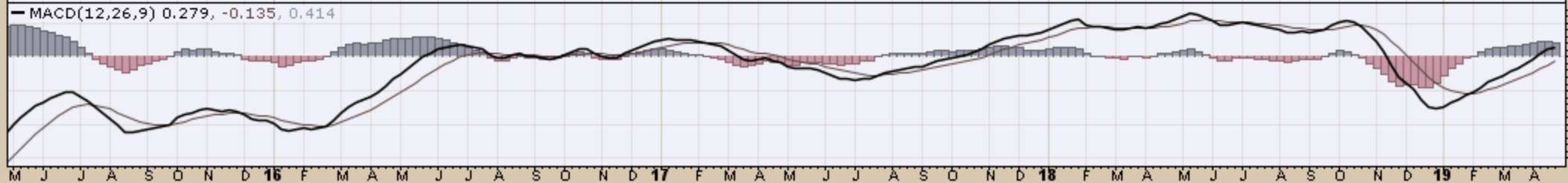
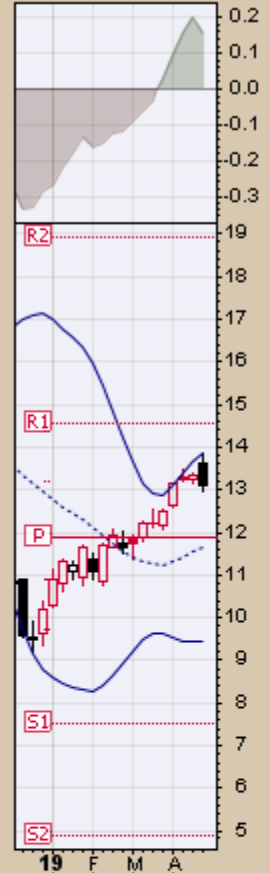
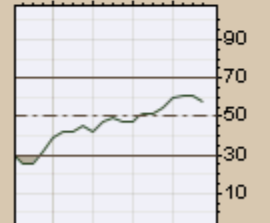


CHART D29. US OIL FUND, WEEKLY CHART

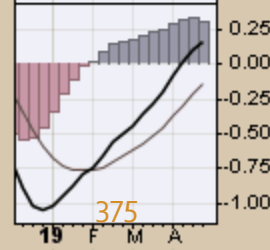
USO (Weekly) 13.09
BB(20,2,0) 9.46 - 11.66 - 13.85
PIVOTS 4.87, 7.53, 11.88, 14.54, 18.89



▲ RSI(14) 57.88

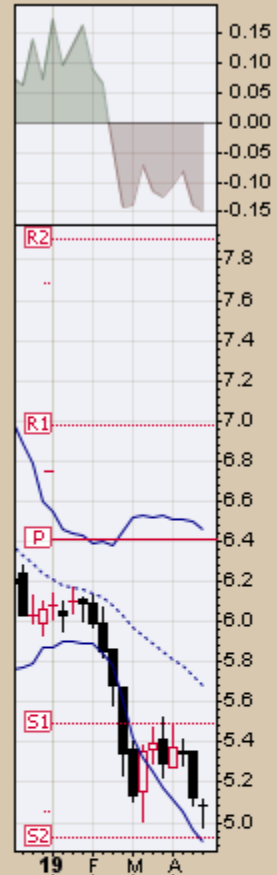


MACD(12,26,9) 0.153, -0.143, 0.296

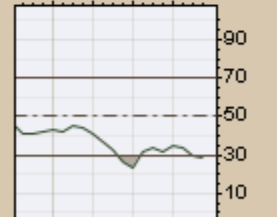
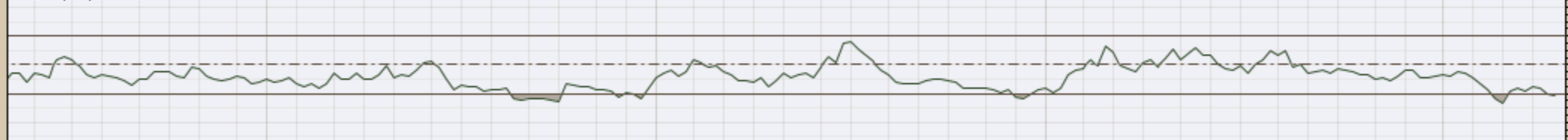


WEAT (Weekly) 5.08
BB(20,2,0) 4.89 - 5.68 - 6.46
PIVOTS 4.92, 5.49, 6.41, 6.98, 7.90

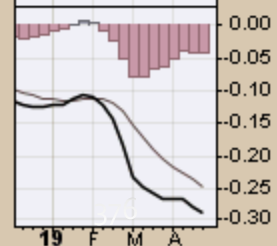
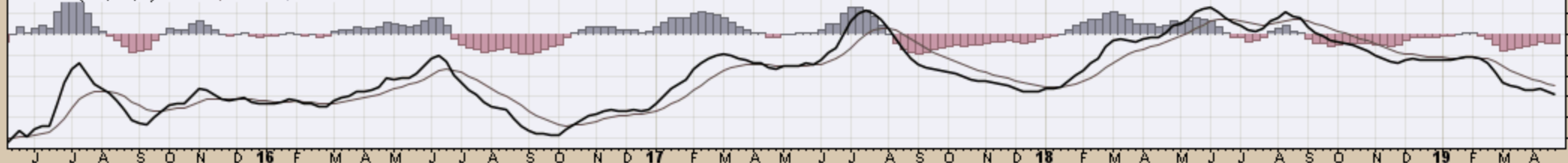
CHART D30. WHEAT, WEEKLY CHART



▲ RSI(14) 29.10



MACD(12,26,9) -0.288, -0.247, -0.042



End