

***Market Outlook Considerations  
Chart Book, Week Beginning  
May 13, 2019***

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

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

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## Commodity ETFs Book Index

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

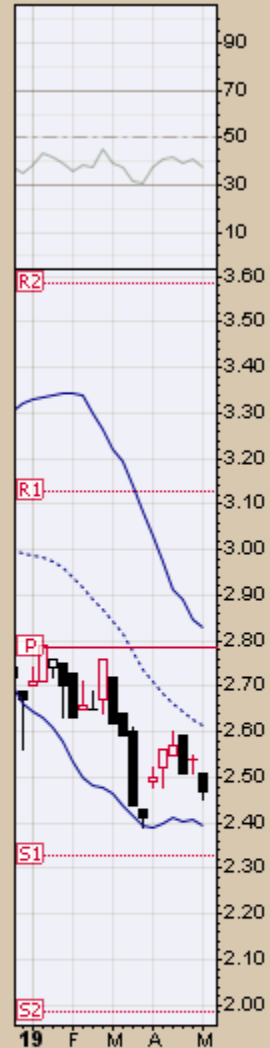
10-May-2019

Open 2.51 High 2.51 Low 2.45 Close 2.47 Chg -0.07 (-2.76%)

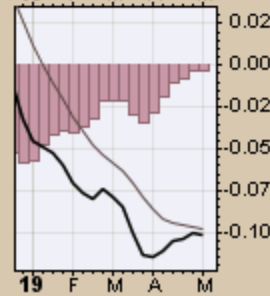
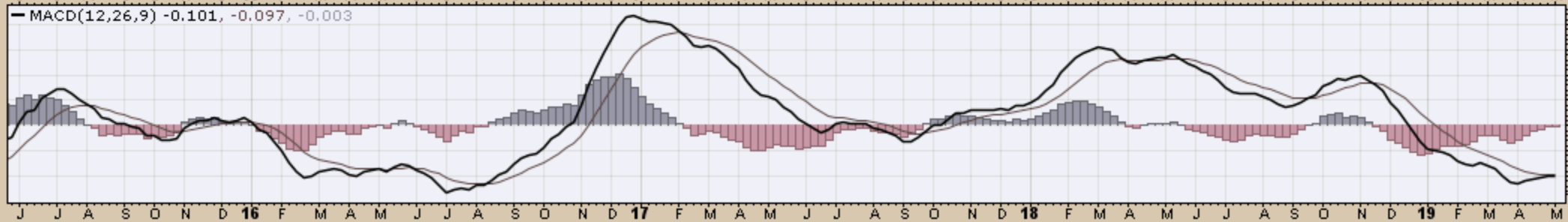
▲ RSI(14) 37.97

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

▲ \$UST10Y (Weekly) 2.47  
— BB(20,2.0) 2.40 - 2.61 - 2.83  
— PIVOTS 1.98, 2.33, 2.78, 3.13, 3.58  
■ Volume undef



— MACD(12,26,9) -0.101, -0.097, -0.003



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

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10-May-2019

Open 2.47 High 2.47 Low 2.47 Close 2.47 Chg +0.02 (+0.82%) ▲

- \$UST10Y (Daily) 2.47
- MA(50) 2.54
- MA(200) 2.82
- PIVOTS 2.41, 2.46, 2.53, 2.58, 2.65
- Volume undef



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

10-May-2019

Open 2.52 High 2.55 Low 2.45 Close 2.47 Chg -0.04 (-1.59%)

▲ RSI(14) 46.50

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

▲ \$UST10Y (Monthly) 2.47

— BB(20,2,0) 2.27 - 2.73 - 3.20

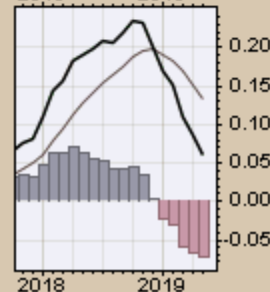
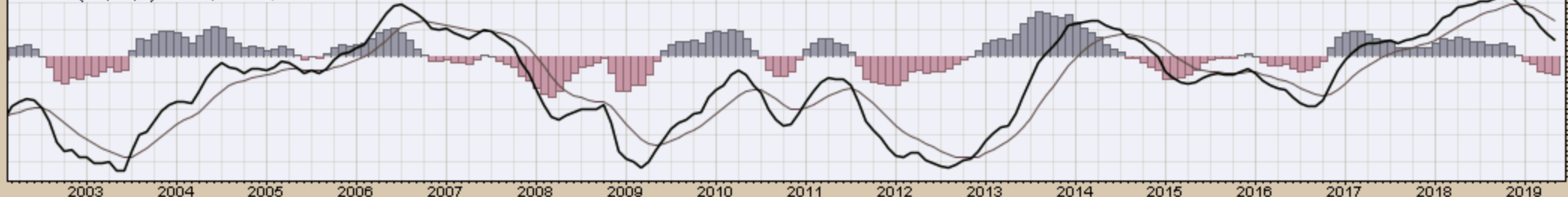
— PIVOTS 1.99, 2.34, 2.79, 3.14, 3.59

— CHANDLR(22,3,0) 2.55

■ Volume undef



— MACD(12,26,9) 0.061, 0.134, -0.073





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

10-May-2019

© StockCharts.com

Open 2.52 High 2.55 Low 2.46 Close 2.47 Chg -0.04 (-1.59%)

— \$UST10Y (Monthly) 2.47

— MA(200) 3.15



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

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

10-May-2019

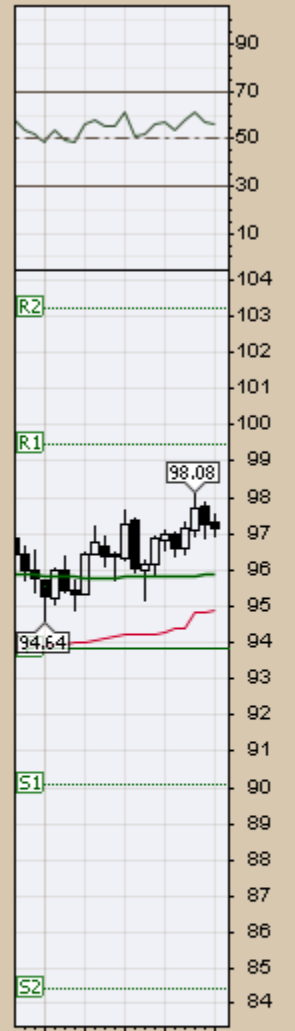
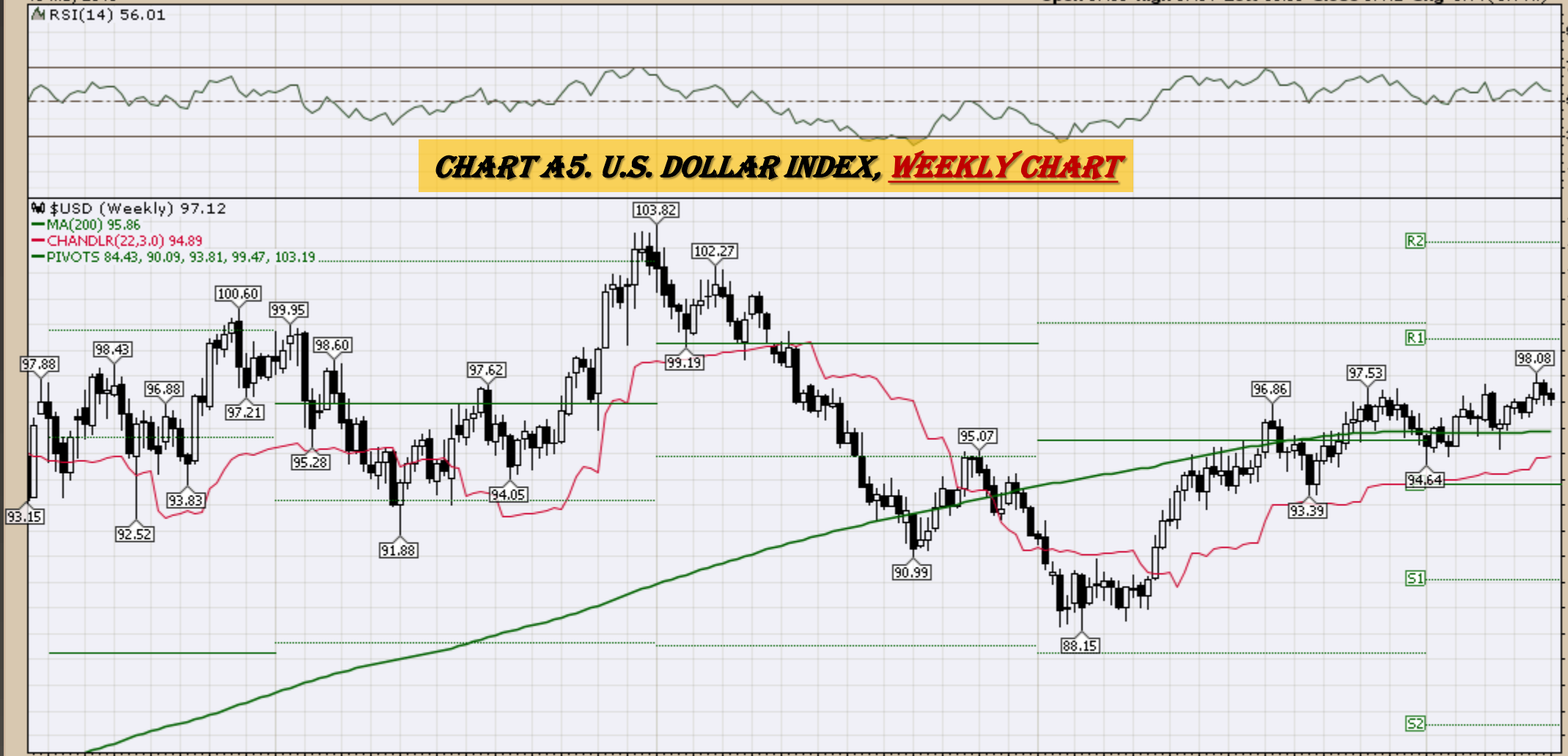
Open 97.33 High 97.51 Low 96.90 Close 97.12 Chg -0.14 (-0.14%)

▲ RSI(14) 56.01

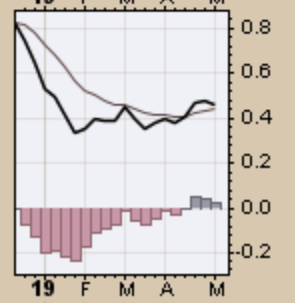
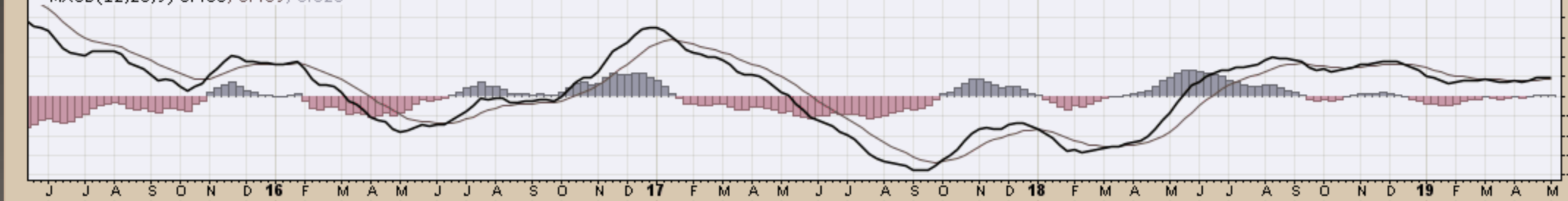
### CHART A5. U.S. DOLLAR INDEX, WEEKLY CHART

▲ \$USD (Weekly) 97.12

— MA(200) 95.86  
— CHANDLR(22,3,0) 94.89  
— PIVOTS 84.43, 90.09, 93.81, 99.47, 103.19



— MACD(12,26,9) 0.465, 0.439, 0.026



US Dollar Index - Cash Settle (EOD) (Daily) 97.12

BB(20,2.0) 96.46 - 97.24 - 98.02

PIVOTS 95.50, 96.35, 97.22, 98.07, 98.93

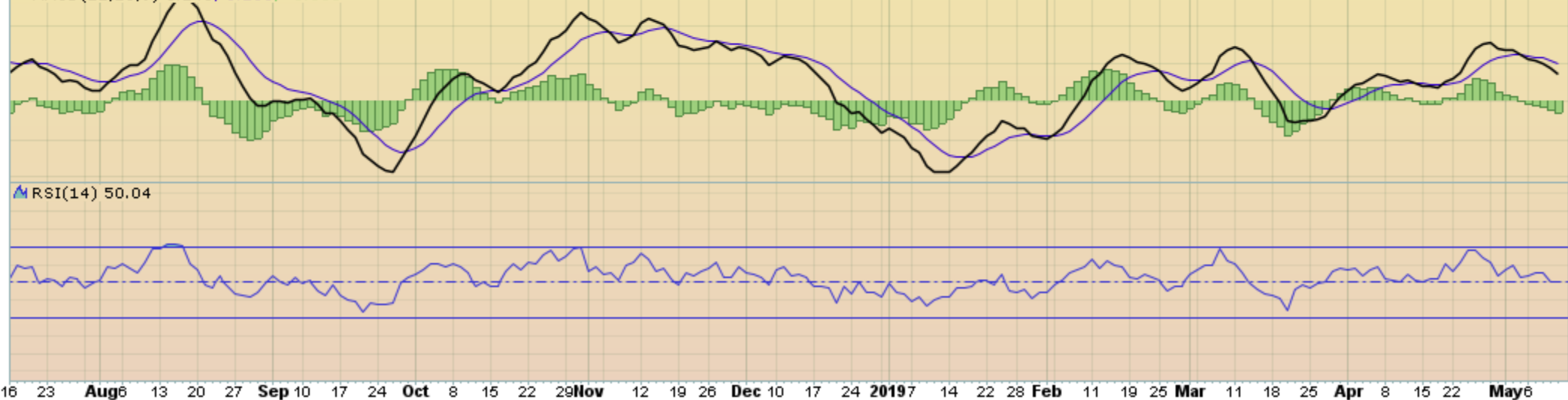
CHANDLR(22,3,0) 96.83

Volume undef

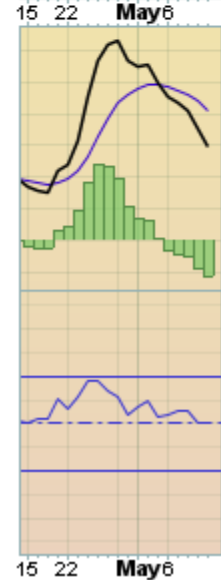


**CHART A6. US DOLLAR INDEX, DAILY CHART**

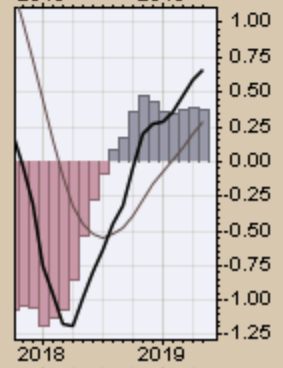
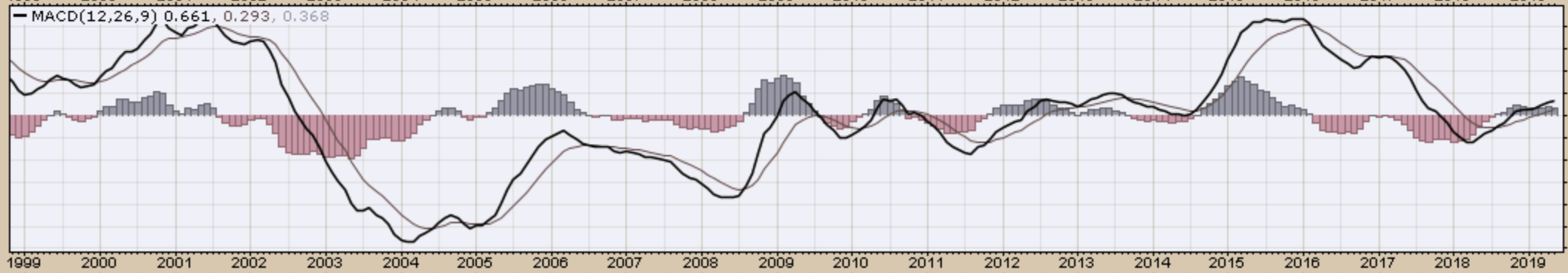
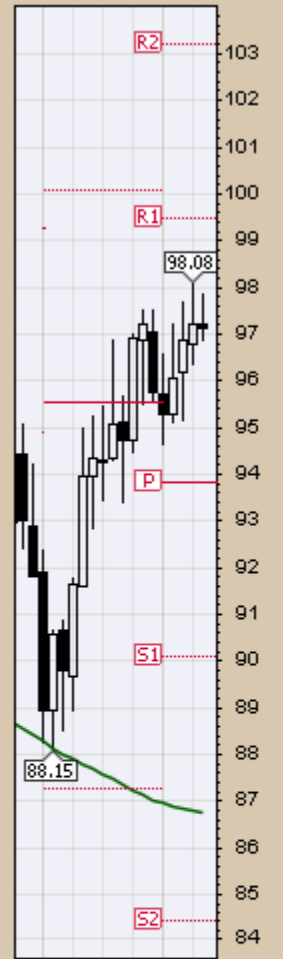
MACD(12,26,9) 0.148, 0.206, -0.058



RSI(14) 50.04



# CHART A7. US DOLLAR INDEX, MONTHLY CHART



— \$USD (Monthly) 97.12  
— MA(200) 86.75  
— CHANDLR(22,3.0) 90.16

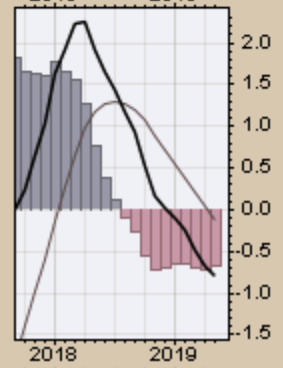
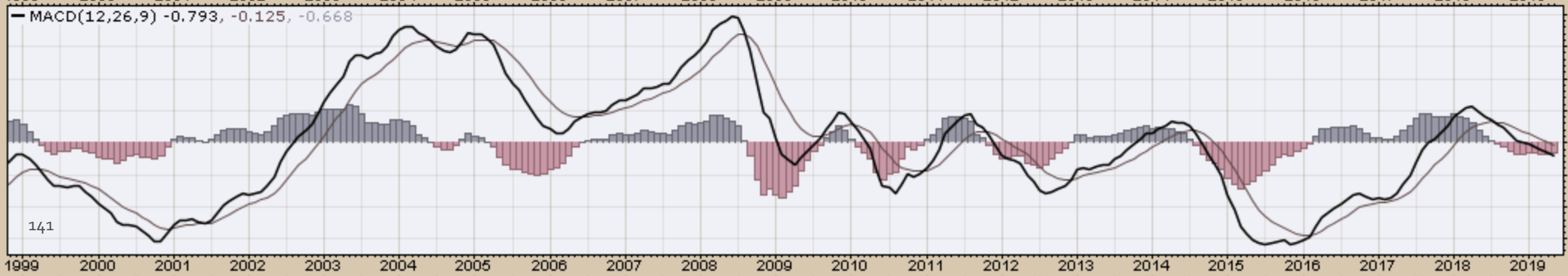
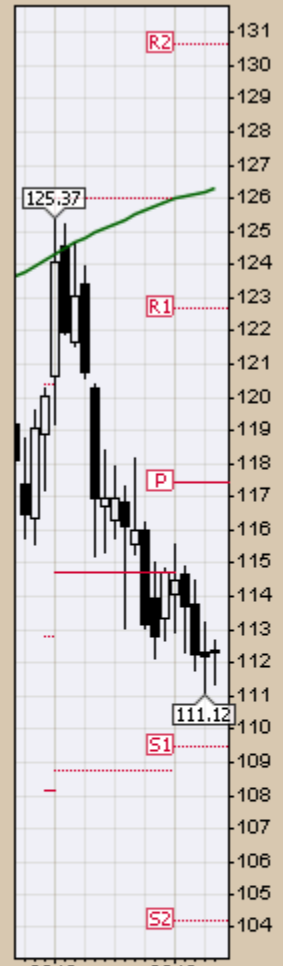
### CHART A8. US DOLLAR INDEX, MONTHLY CHART



*Select Currency Charts*  
*Monthly Charts*



**CHART A9. EURO, MONTHLY CHART**



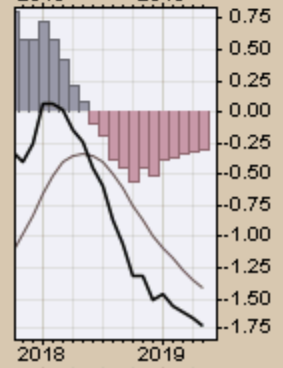
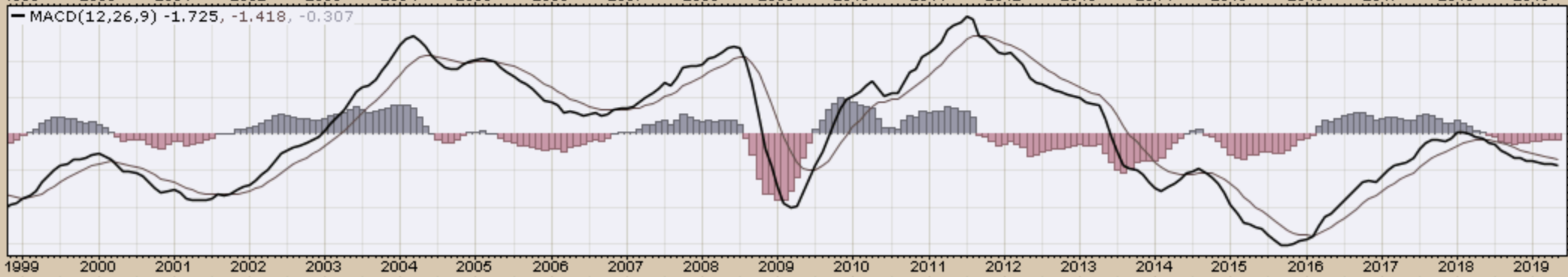
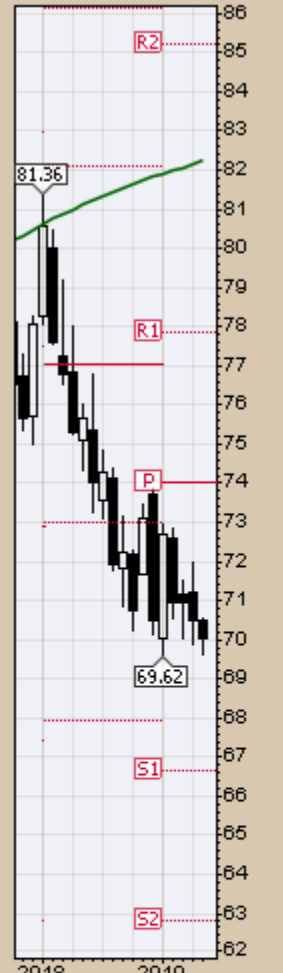


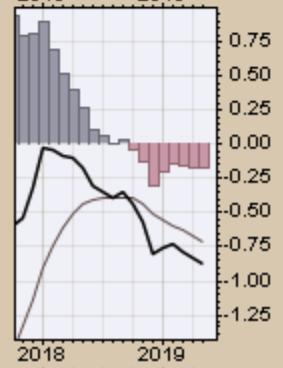
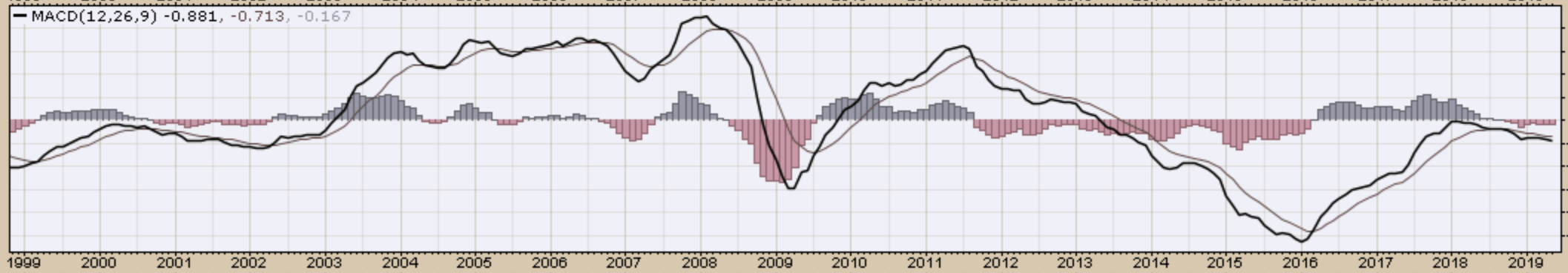
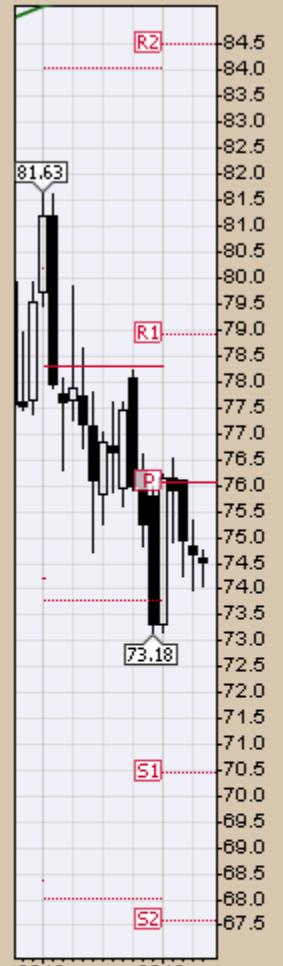
\$XAD (Monthly) 70.01

MA(200) 82.23

PIVOTS 62.80, 66.64, 74.00, 77.84, 85.20

# CHART A 10. AUSTRALIAN DOLLAR, MONTHLY CHART





10-May-2019

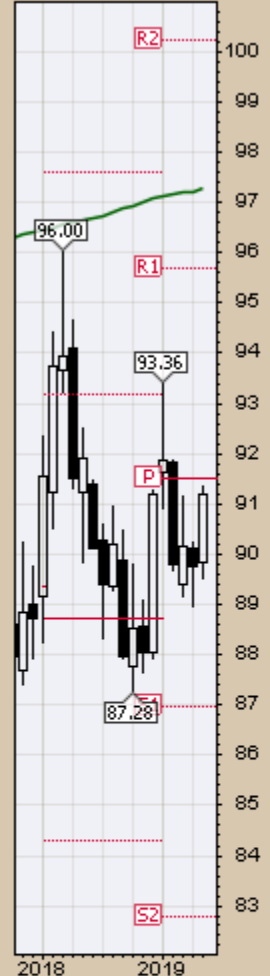
Open 89.85 High 91.35 Low 89.53 Close 91.19 Chg +1.44 (+1.60%) ▲

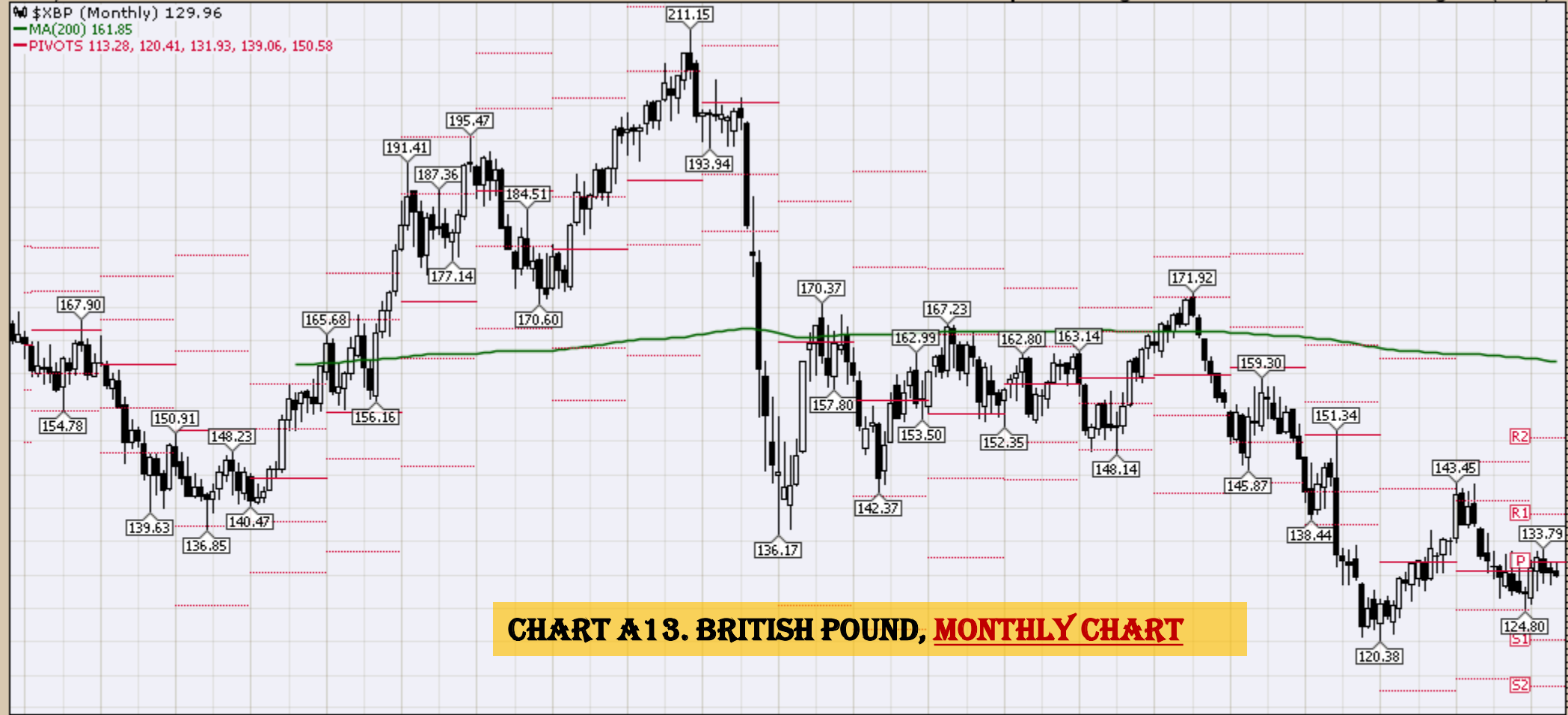
\$XJY (Monthly) 91.19

MA(200) 97.27

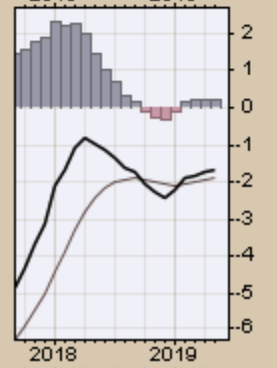
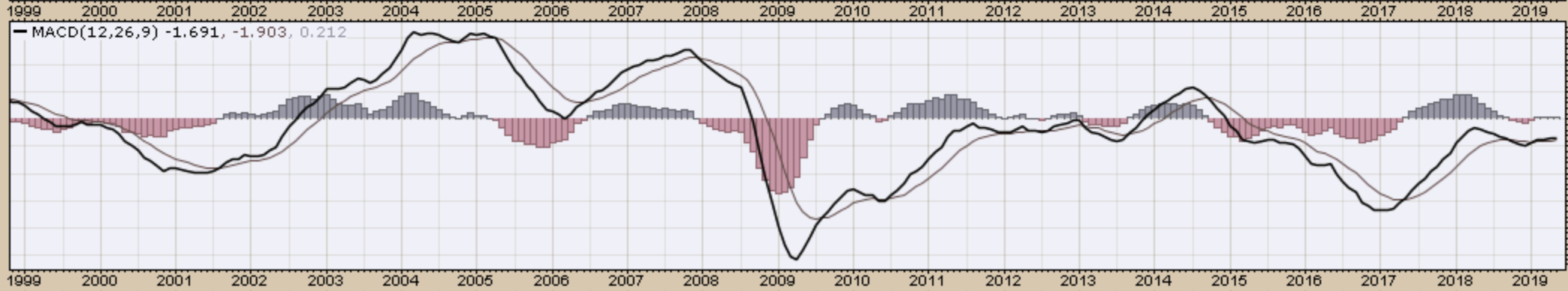
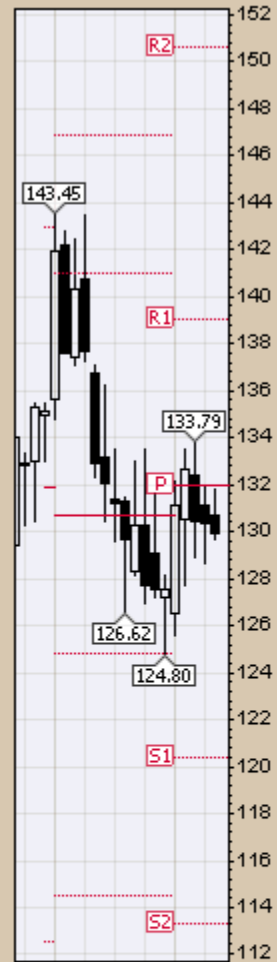
PIVOTS 82.77, 86.98, 91.49, 95.70, 100.21

# CHART A12. JAPANESE YEN, MONTHLY CHART





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



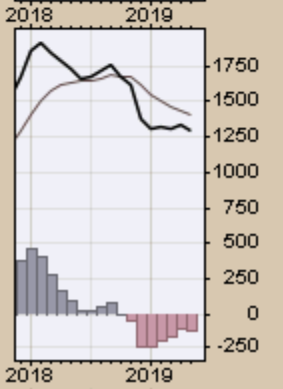
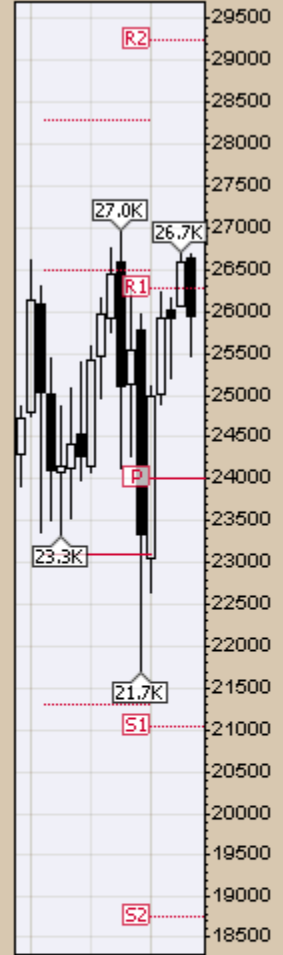
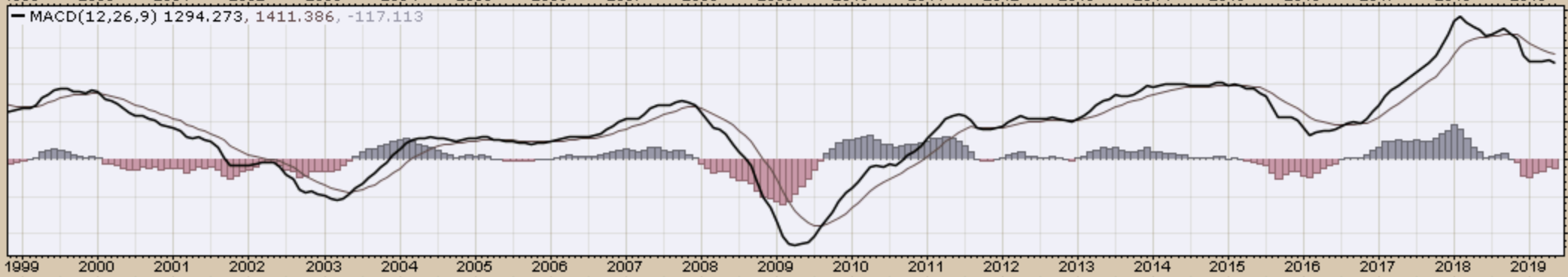
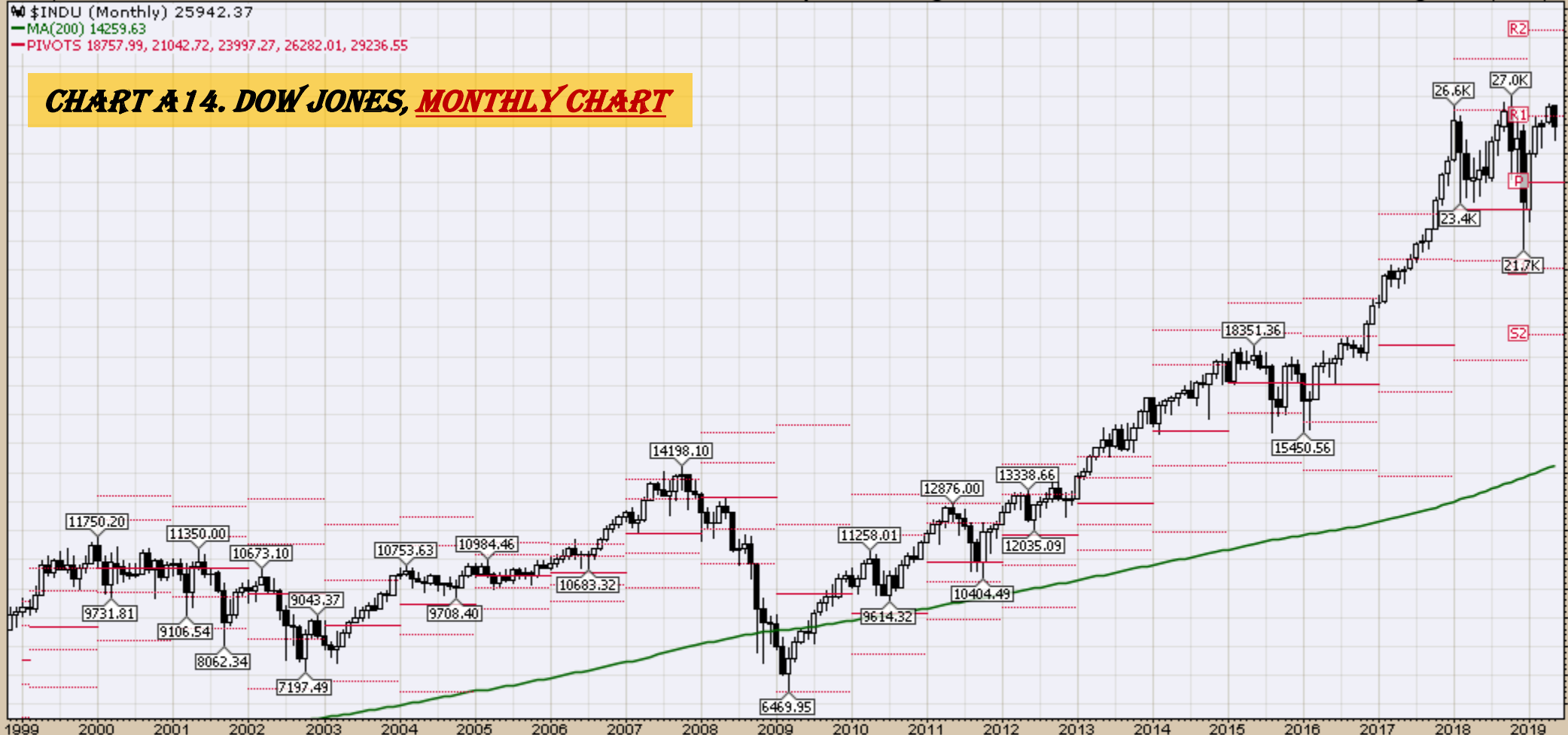
*Select Equity and Transportation Charts*  
*Monthly Charts*

\$INDU (Monthly) 25942.37

MA(200) 14259.63

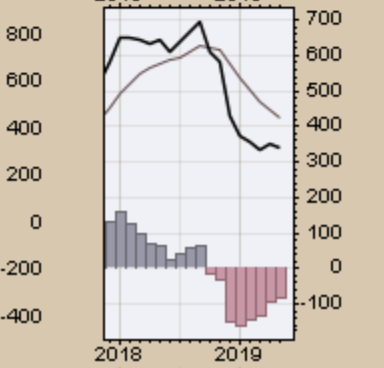
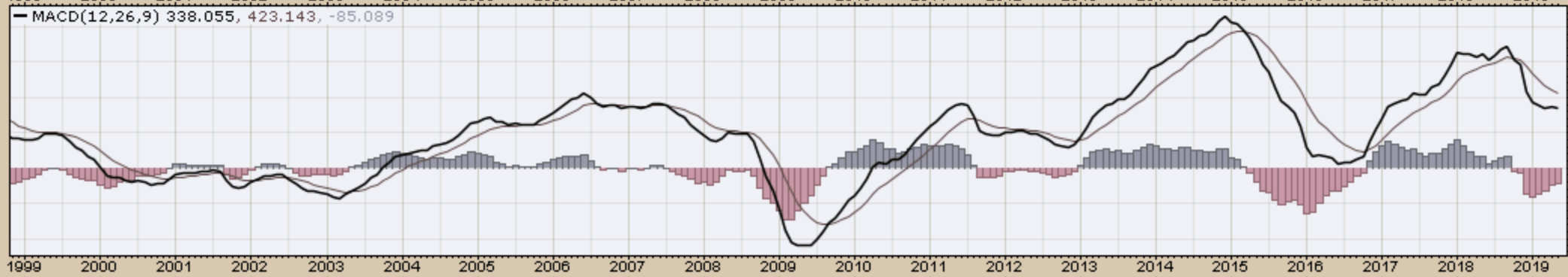
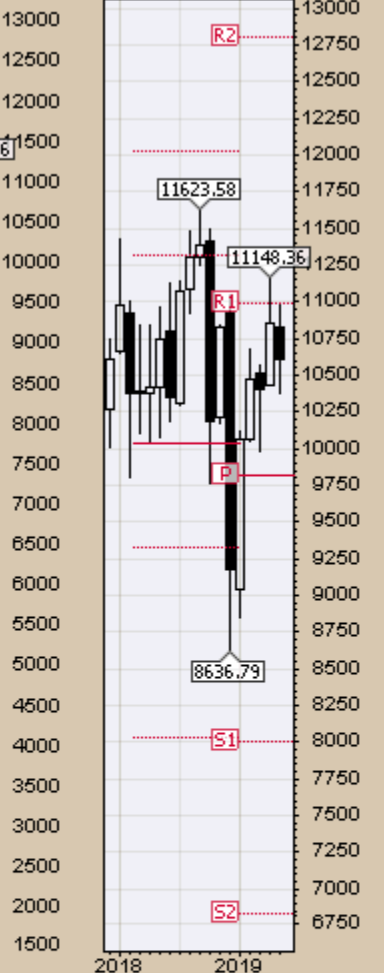
PIVOTS 18757.99, 21042.72, 23997.27, 26282.01, 29236.55

# CHART A 14. DOW JONES, MONTHLY CHART



\$TRAN (Monthly) 10602.19  
MA(200) 5850.38  
PIVOTS 6823.47, 7996.93, 9810.26, 10983.72, 12797.05

### CHART A15. DOW TRANSPORTS, MONTHLY CHART

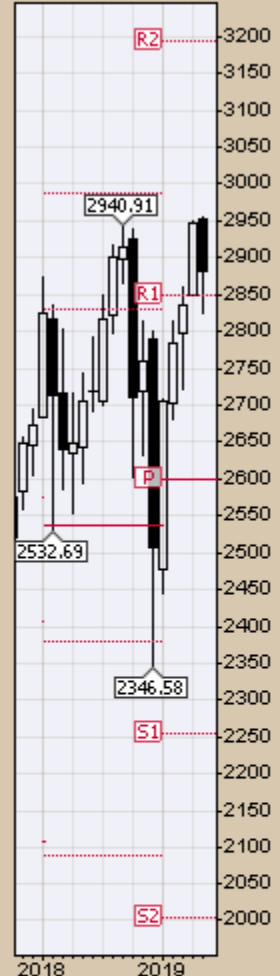


\$SPX (Monthly) 2881.40

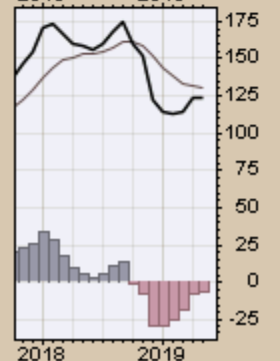
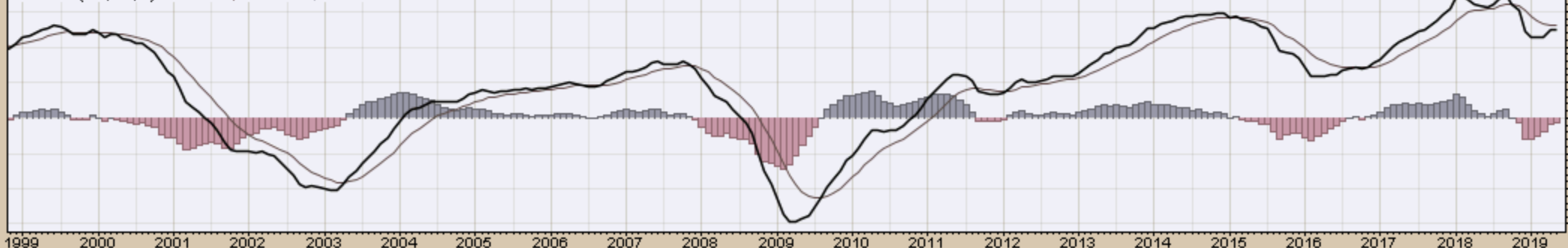
MA(200) 1585.80

PIVOTS 2003.78, 2255.32, 2598.11, 2849.65, 3192.44

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



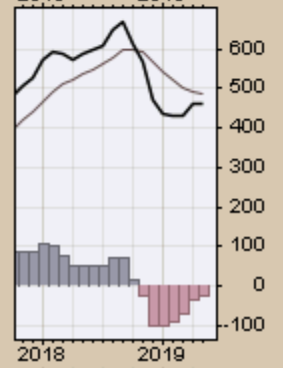
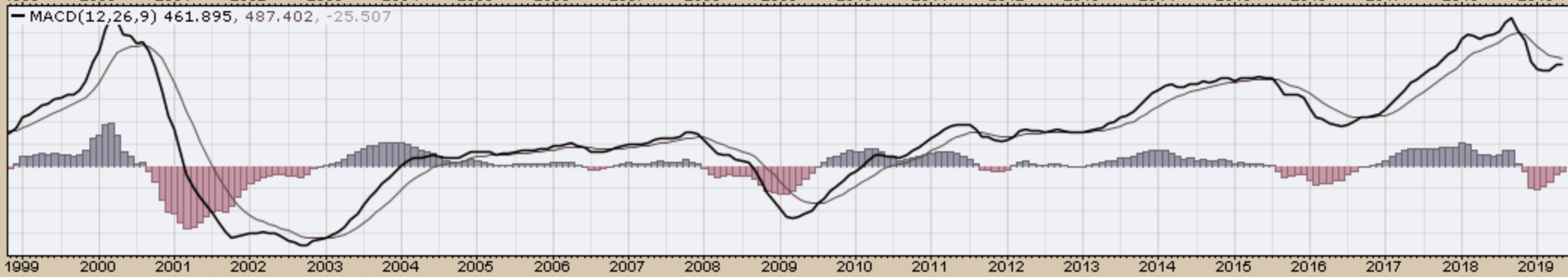
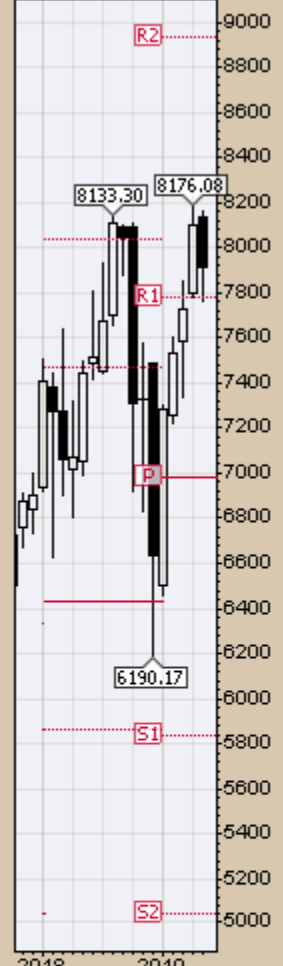
MACD(12,26,9) 124.038, 129.921, -5.883





\$COMPQ (Monthly) 7916.94  
MA(200) 3470.29  
PIVOTS 5043.11, 5839.20, 6986.25, 7782.33, 8929.38

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

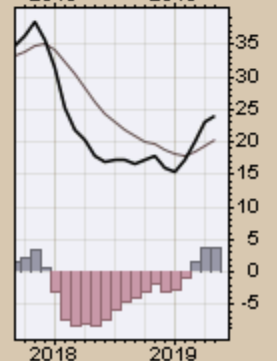
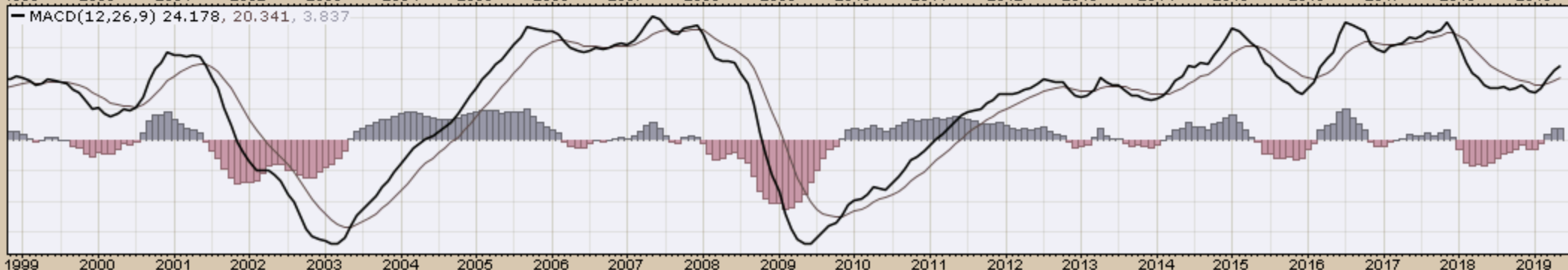
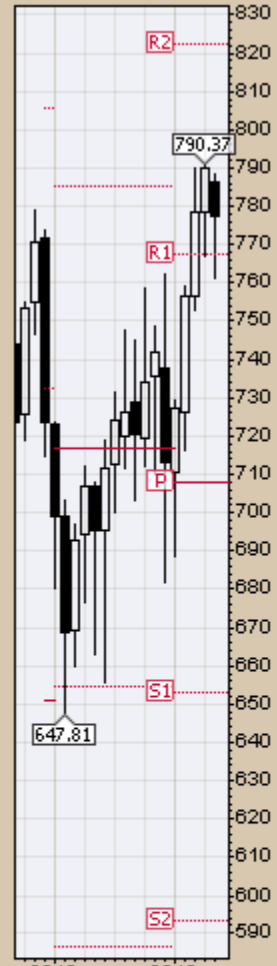


\$UTIL (Monthly) 777.46

MA(200) 482.60

PIVOTS 593.22, 653.07, 707.67, 767.52, 822.12

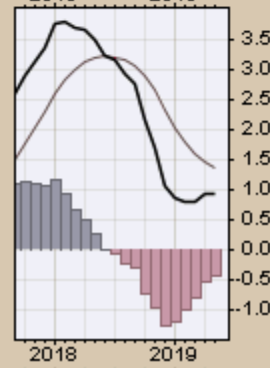
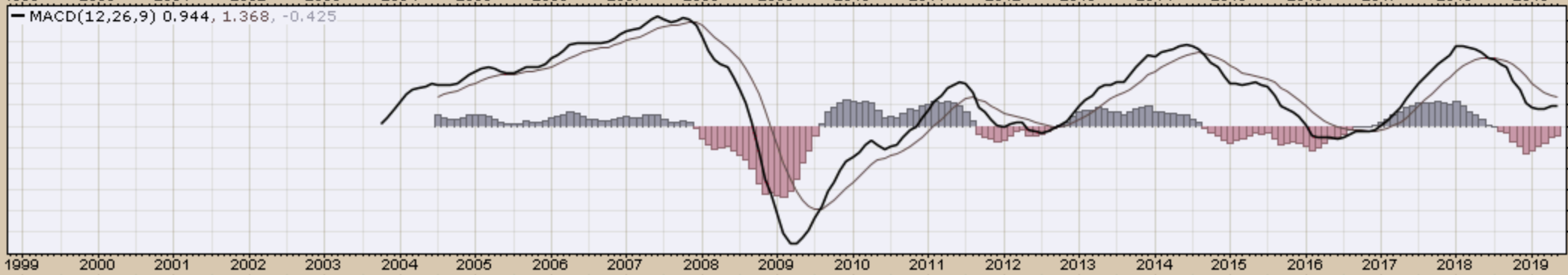
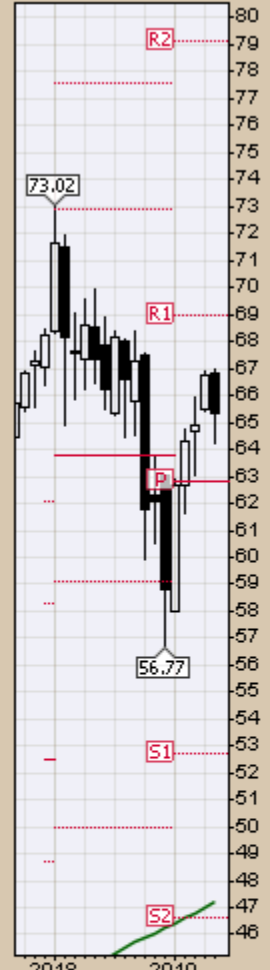
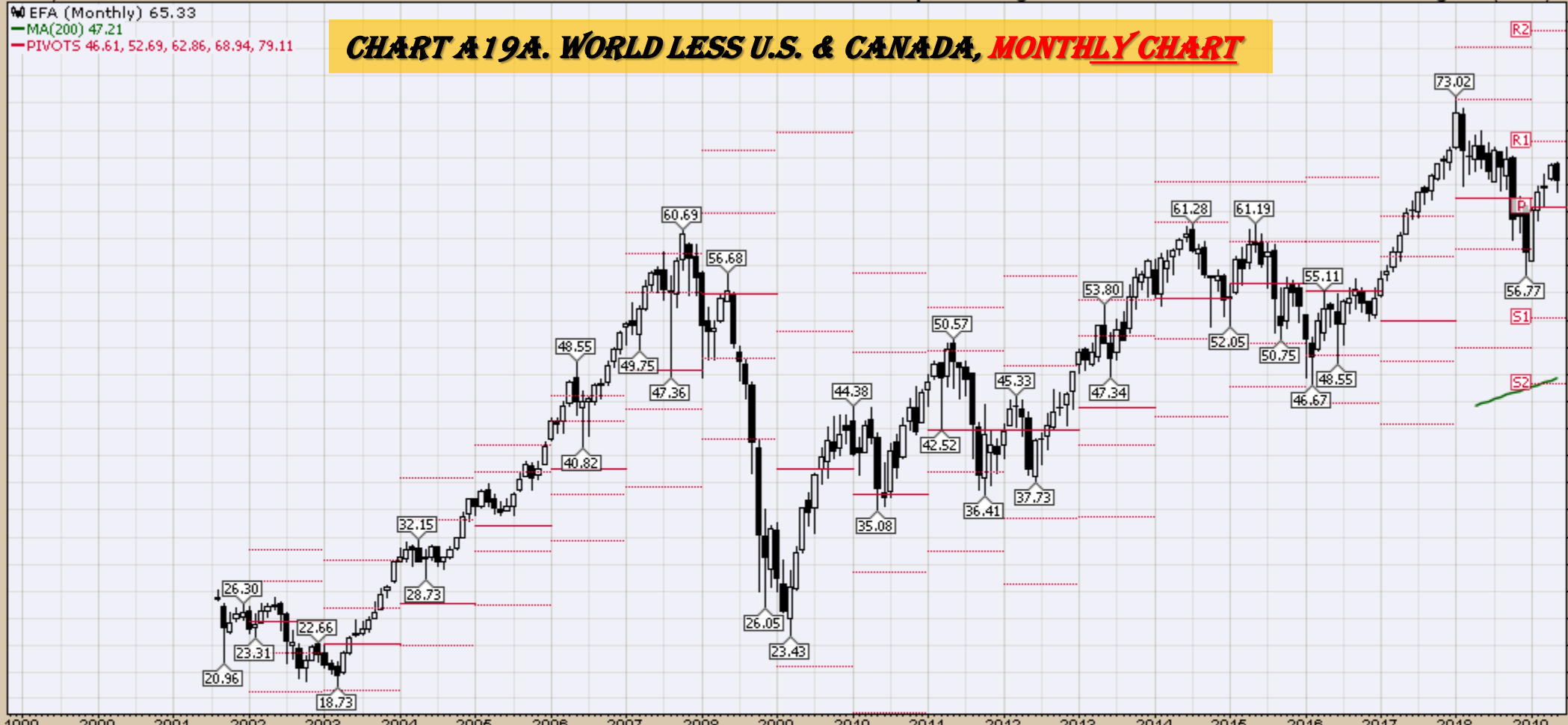
# CHART A18. DOW UTILITIES, MONTHLY CHART



## *Select Global Equity Charts*

EFA (Monthly) 65.33  
MA(200) 47.21  
PIVOTS 46.61, 52.69, 62.86, 68.94, 79.11

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

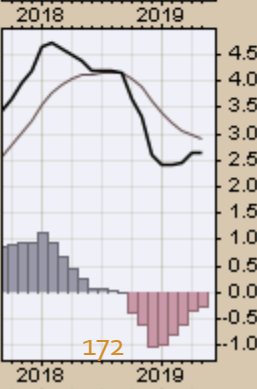
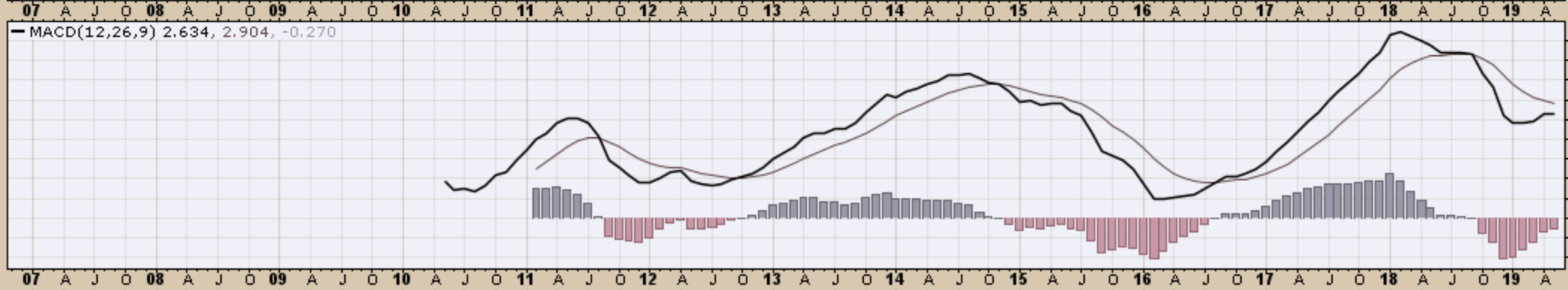
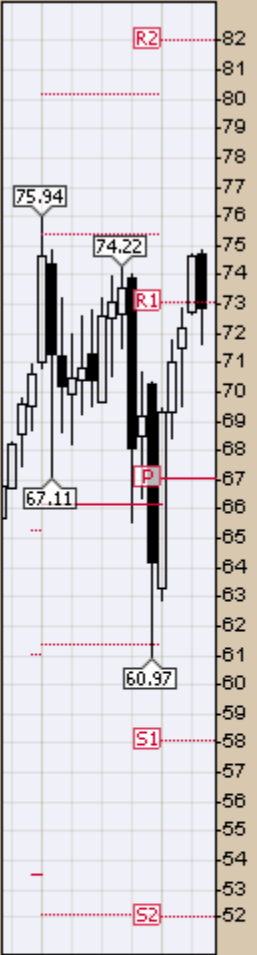
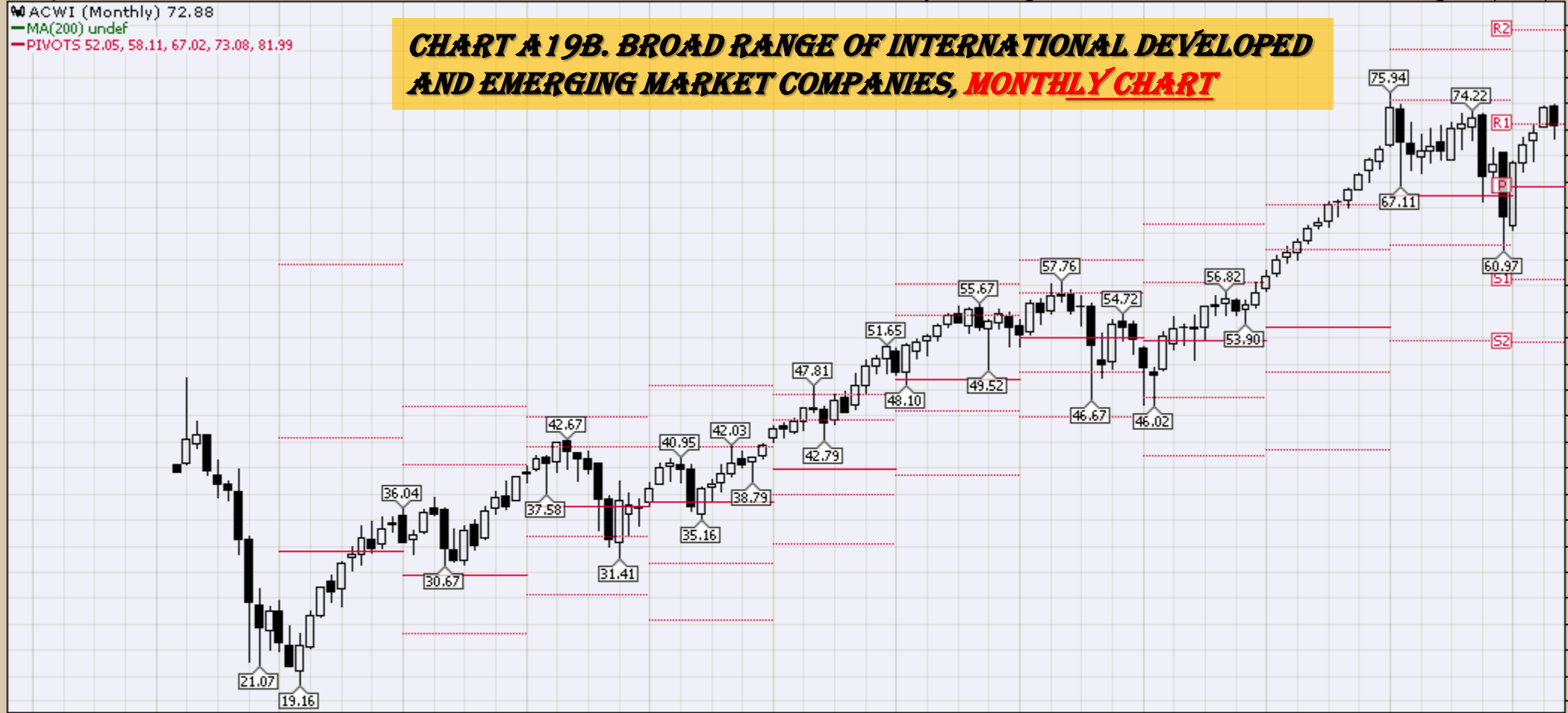


10-May-2019

Open 74.70 High 74.87 Low 71.61 Close 72.88 Volume 21.2M Chg -1.74 (-2.33%)

ACWI (Monthly) 72.88  
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

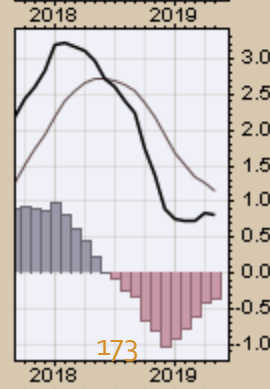
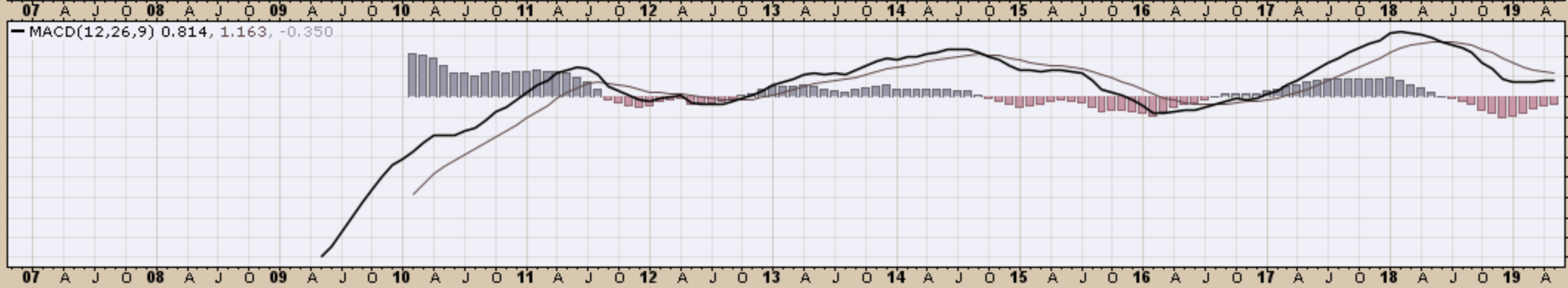
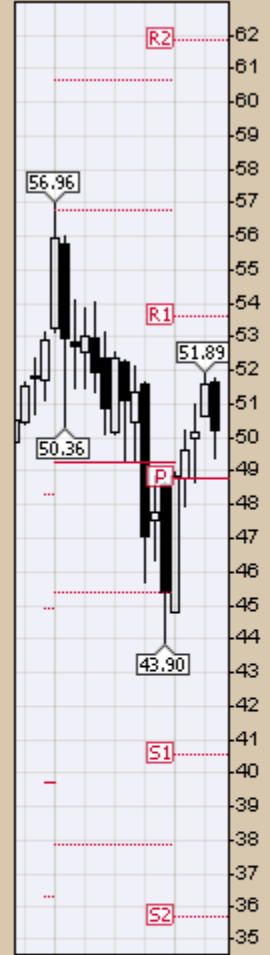
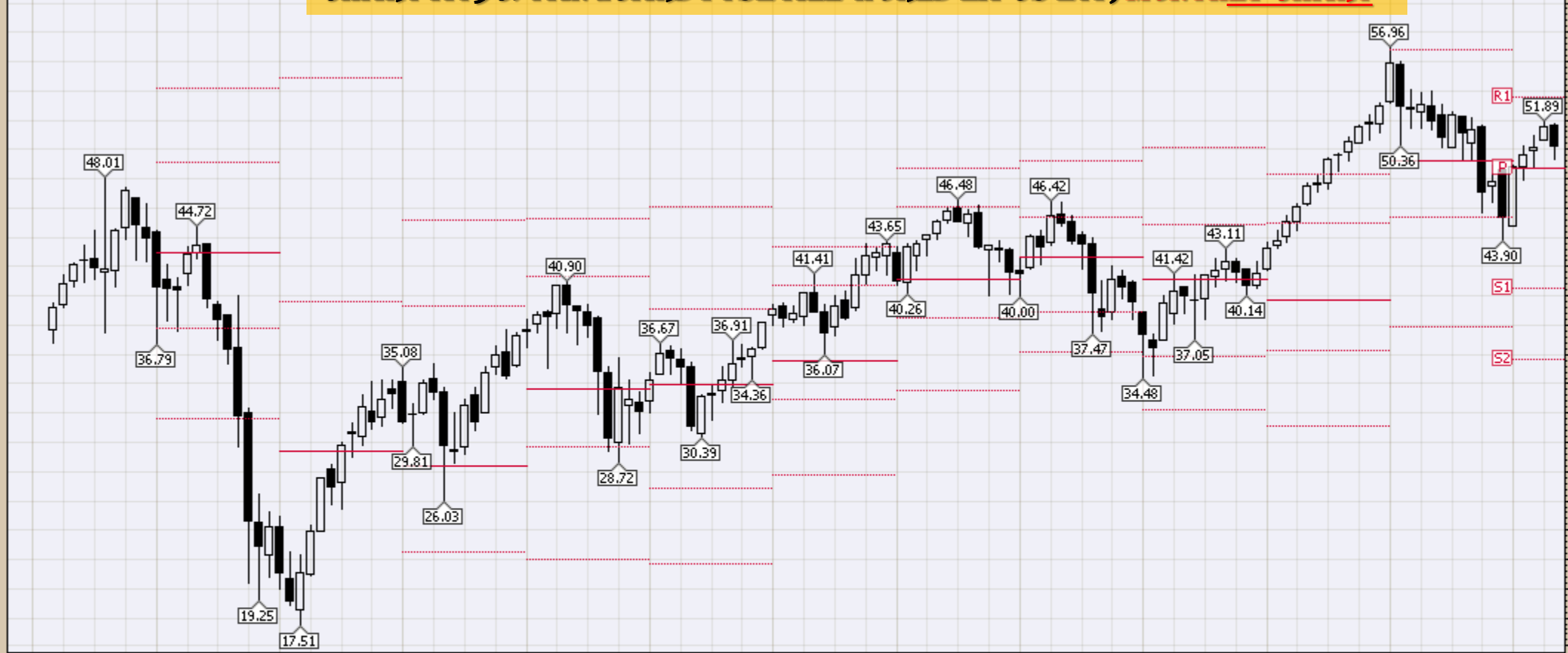


10-May-2019

Open 51.66 High 51.78 Low 49.37 Close 50.20 Volume 22.6M Chg -1.38 (-2.68%)

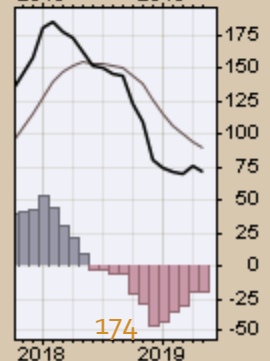
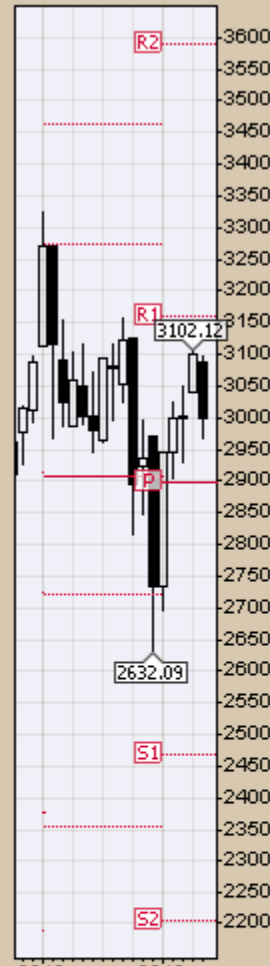
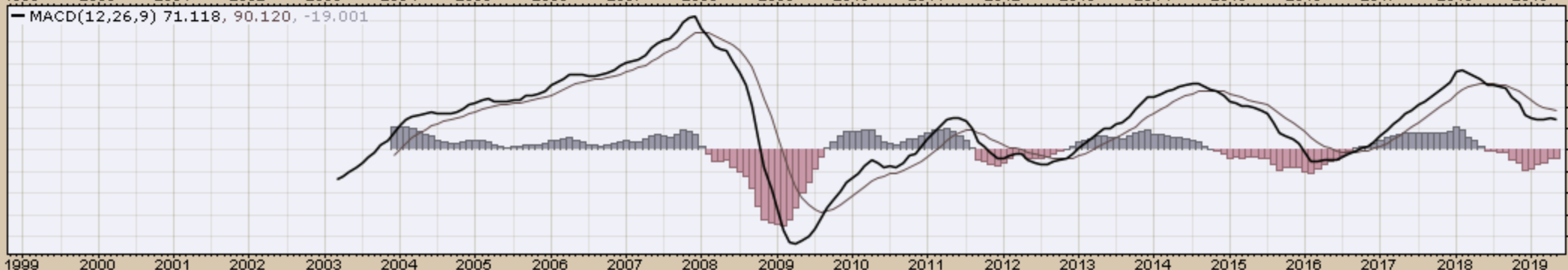
VEU (Monthly) 50.20  
MA(200) undef  
PIVOTS 35.70, 40.56, 48.76, 53.62, 61.82

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



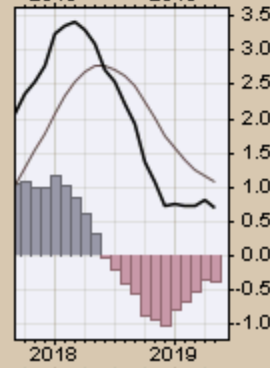
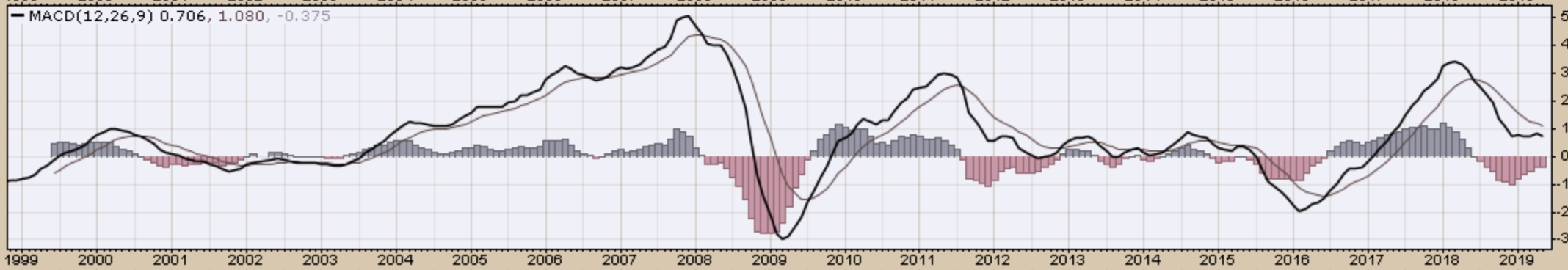
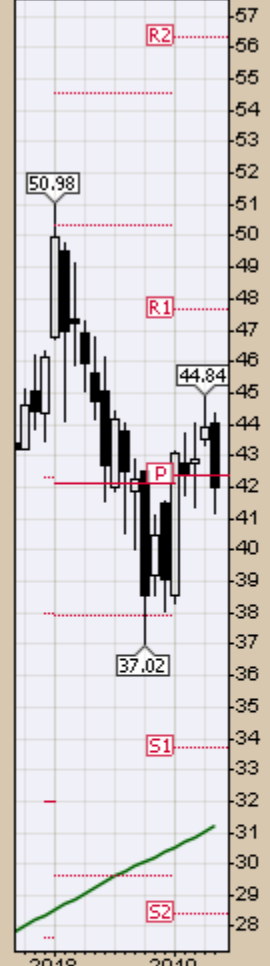
\$GDOW (Monthly) 2999.73  
MA(200) 2082.58  
PIVOTS 2205.09, 2469.75, 2896.74, 3161.40, 3588.39

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



EEM (Monthly) 41.98  
MA(200) 31.22  
PIVOTS 28.39, 33.73, 42.35, 47.68, 56.31

### CHART A20. EMERGING MARKETS, MONTHLY CHART



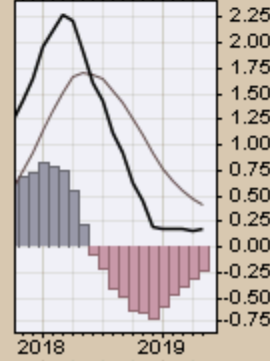
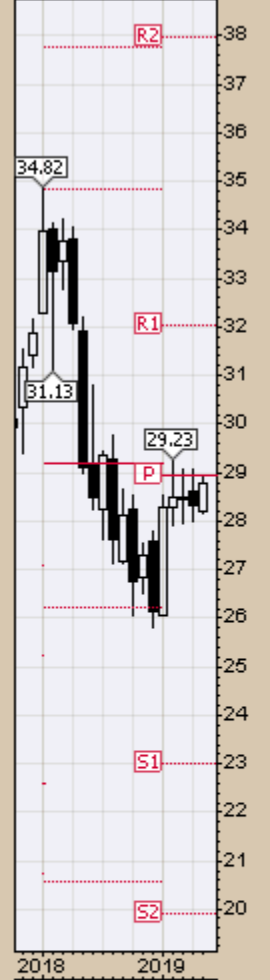
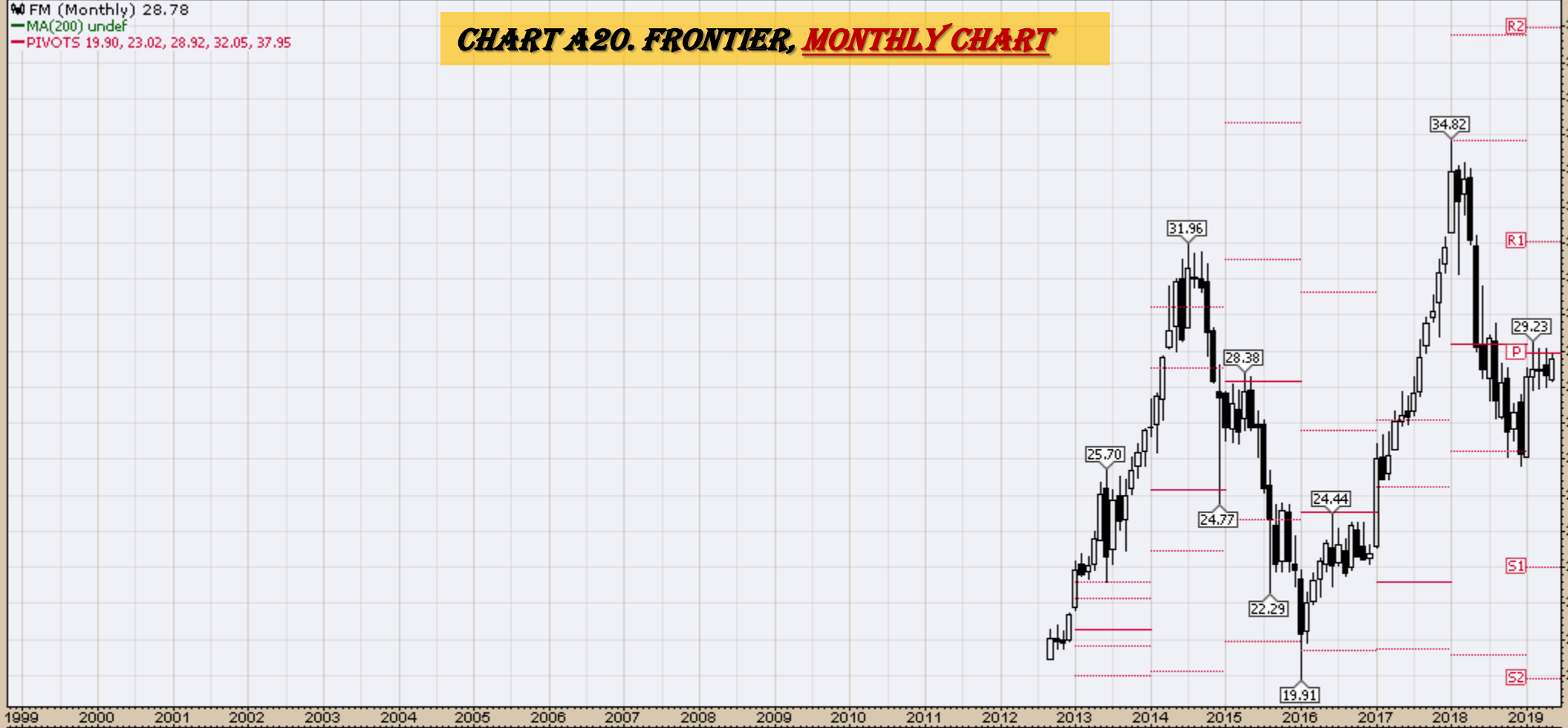


10-May-2019

Open 28.21 High 28.91 Low 28.18 Close 28.78 Volume 1.2M Chg +0.44 (+1.55%) ▲

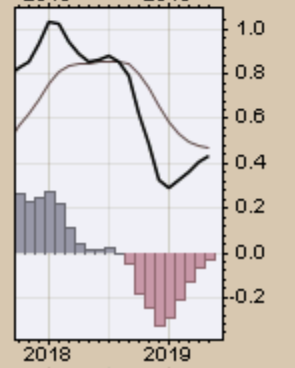
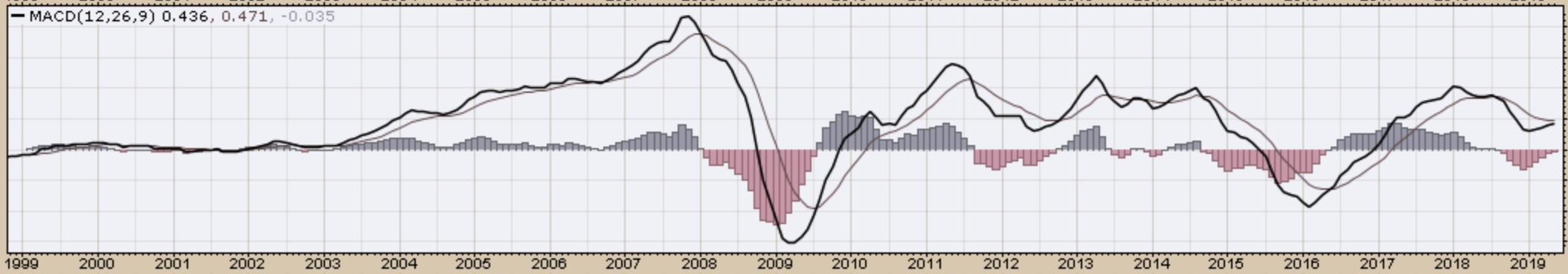
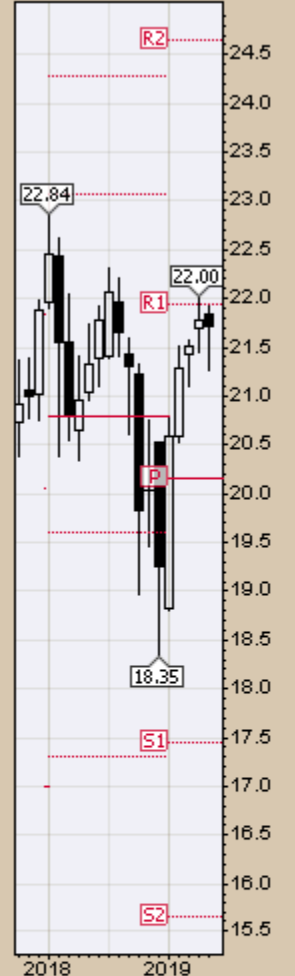
FM (Monthly) 28.78  
MA(200) undef  
PIVOTS 19.90, 23.02, 28.92, 32.05, 37.95

# CHART A20. FRONTIER, MONTHLY CHART



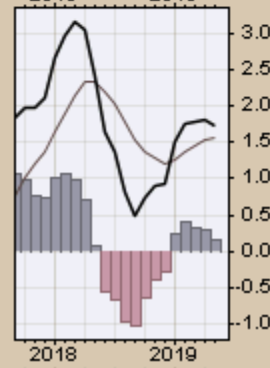
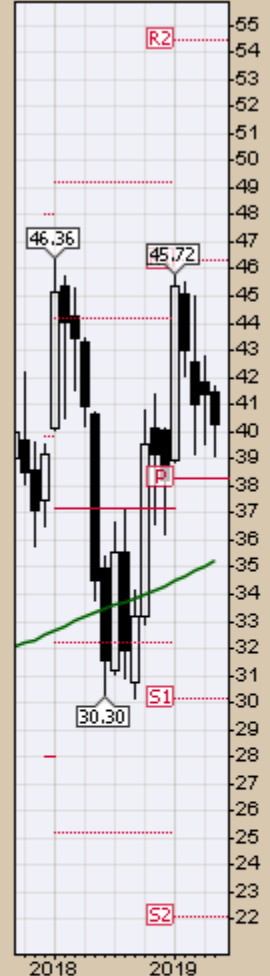
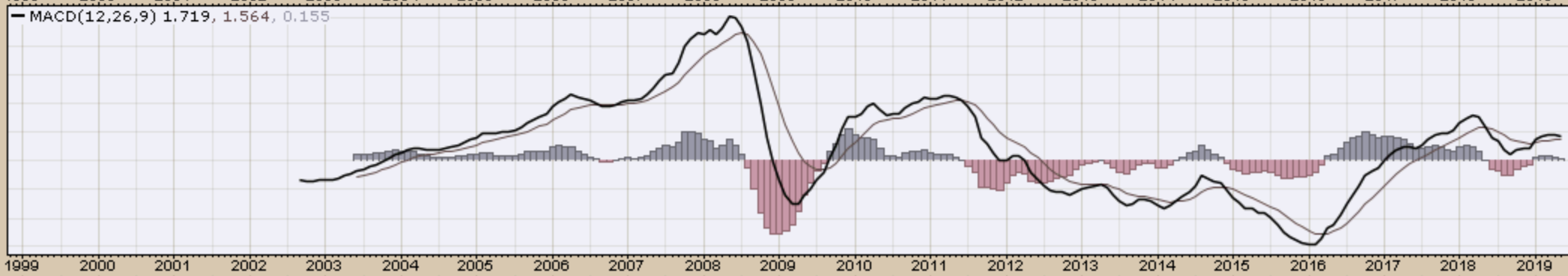
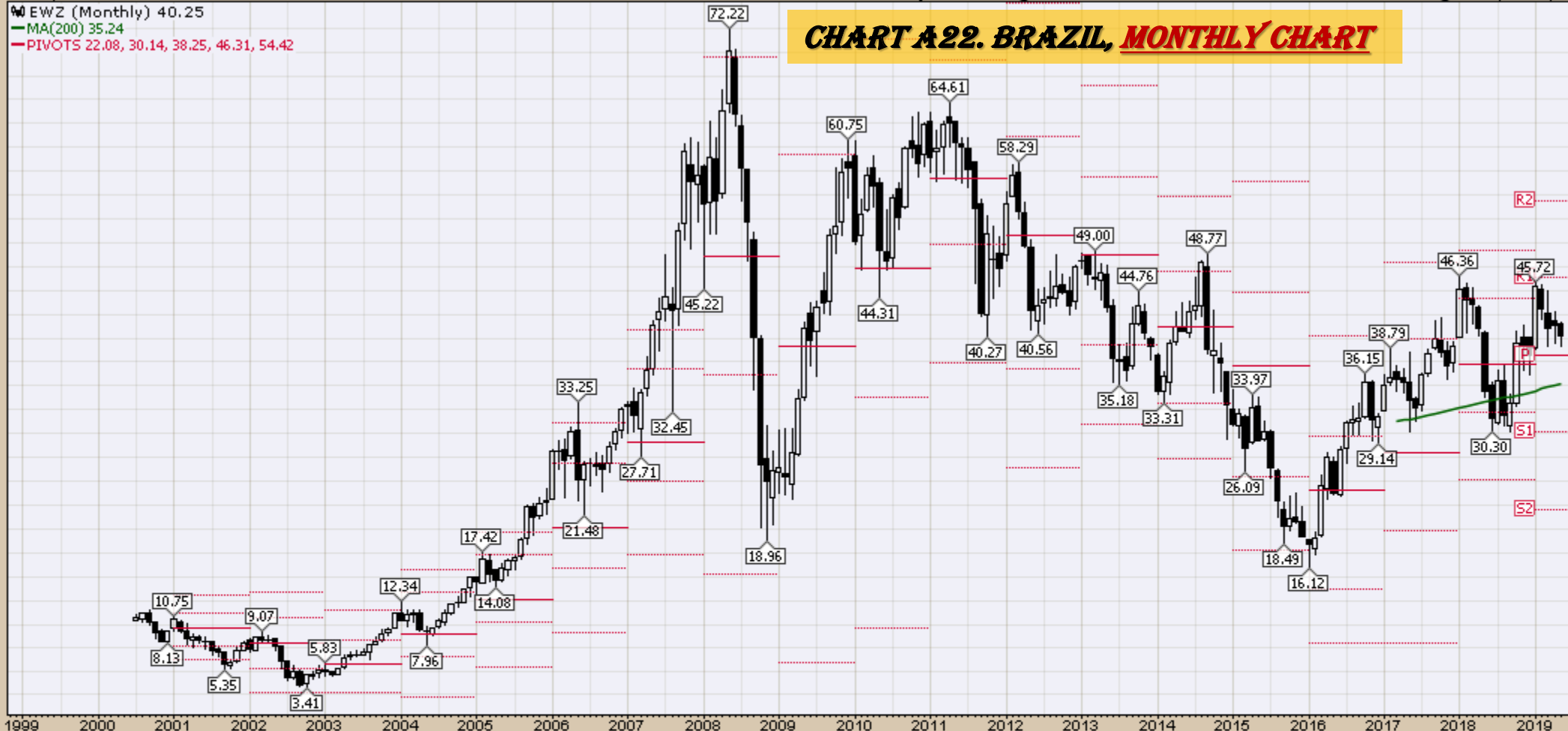
# CHART A21. AUSTRALIA, MONTHLY CHART

EWA (Monthly) 21.71  
MA(200) 14.89  
PIVOTS 15.65, 17.45, 20.15, 21.95, 24.64



EWZ (Monthly) 40.25  
MA(200) 35.24  
PIVOTS 22.08, 30.14, 38.25, 46.31, 54.42

### CHART A22. BRAZIL, MONTHLY CHART

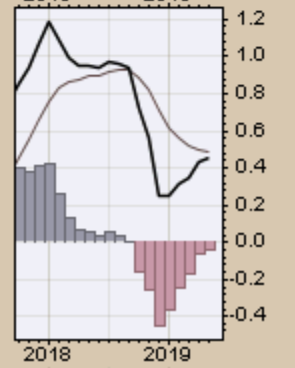
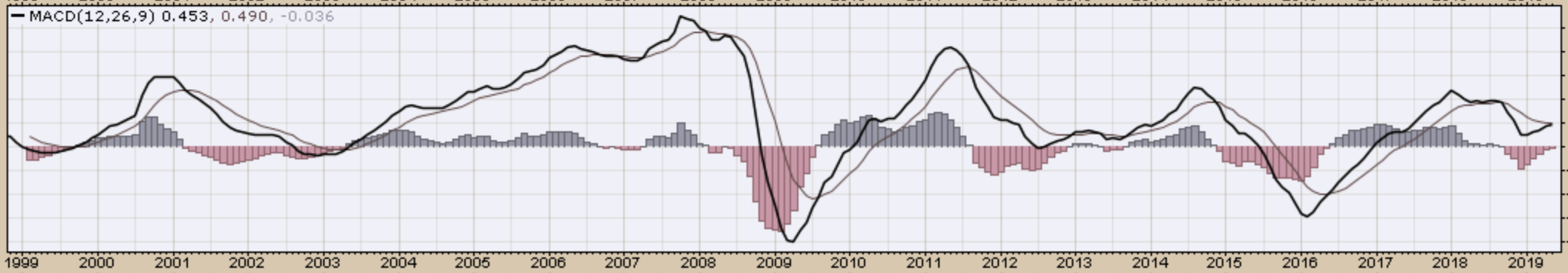
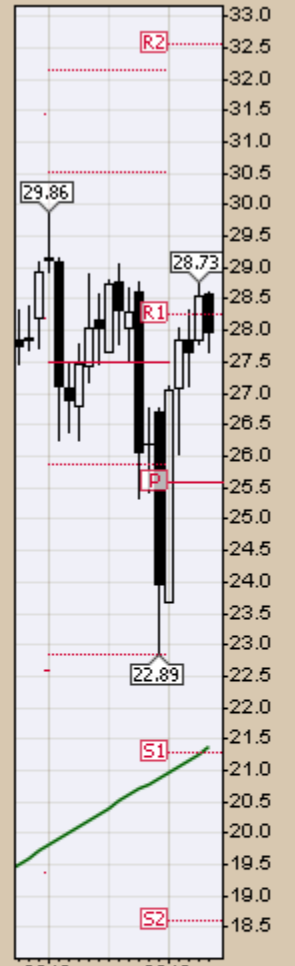


10-May-2019

Open 28.57 High 28.62 Low 27.67 Close 27.98 Volume 21.1M Chg -0.57 (-2.00%)

EWC (Monthly) 27.98  
MA(200) 21.38  
PIVOTS 18.60, 21.28, 25.57, 28.25, 32.54

# CHART #23. CANADA, MONTHLY CHART

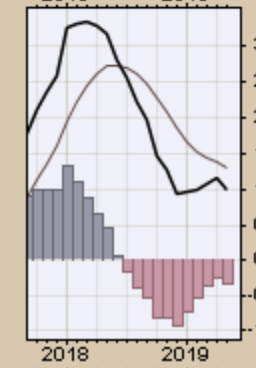
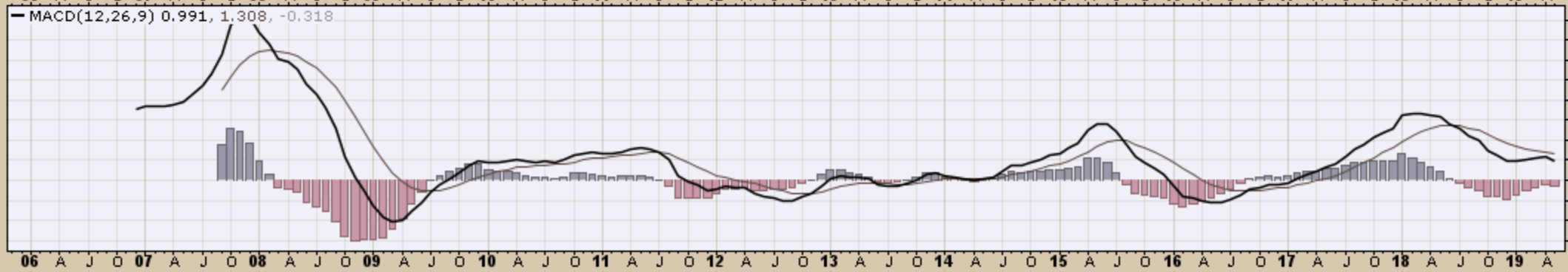
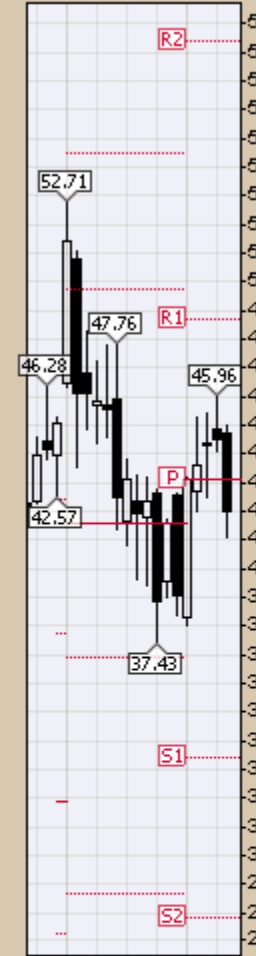


FXI (Monthly) 41.97

MA(200) undef

PIVOTS 27.79, 33.44, 43.07, 48.72, 58.35

# CHART A24. CHINA, MONTHLY CHART

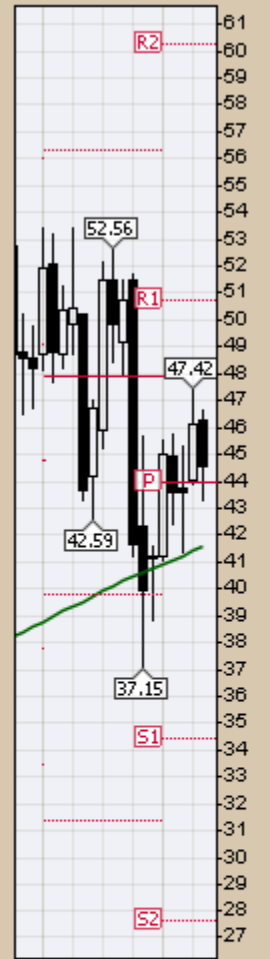


EWW (Monthly) 44.59

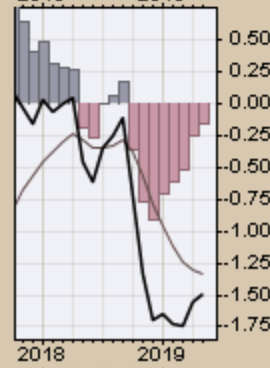
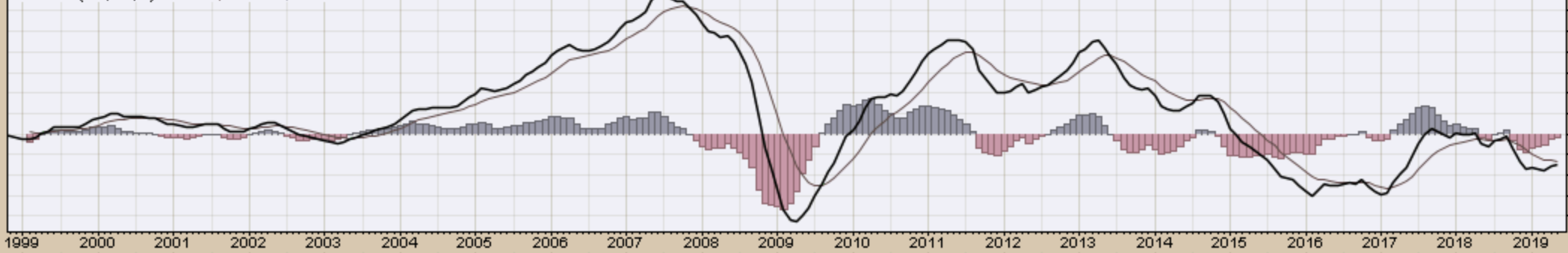
MA(200) 41.59

PIVOTS 27.62, 34.40, 43.93, 50.70, 60.23

# CHART A25. MEXICO, MONTHLY CHART



MACD(12,26,9) -1.495, -1.338, -0.157



10-May-2019

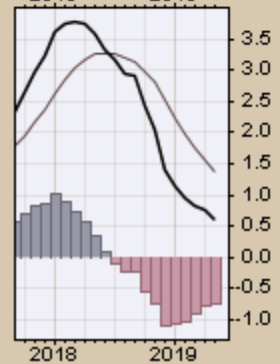
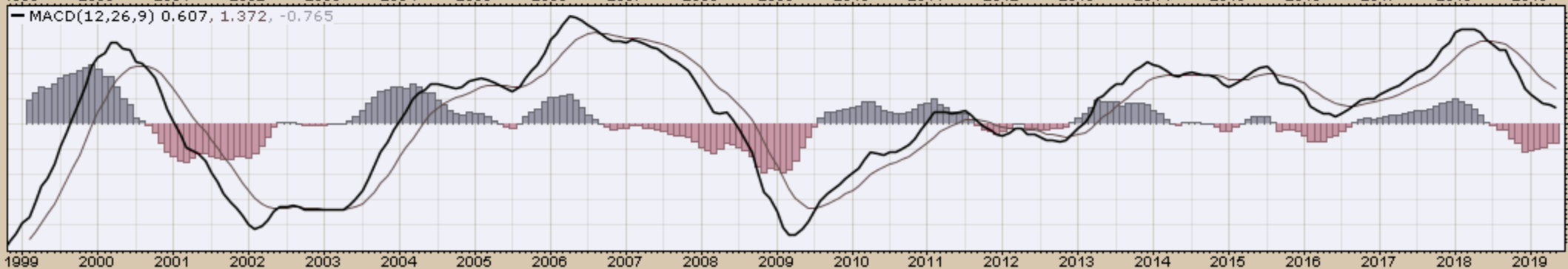
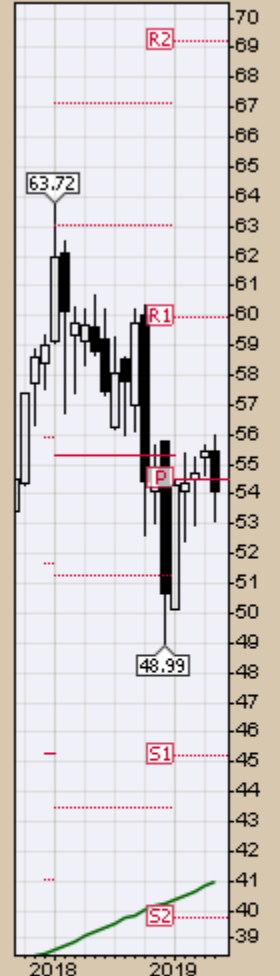
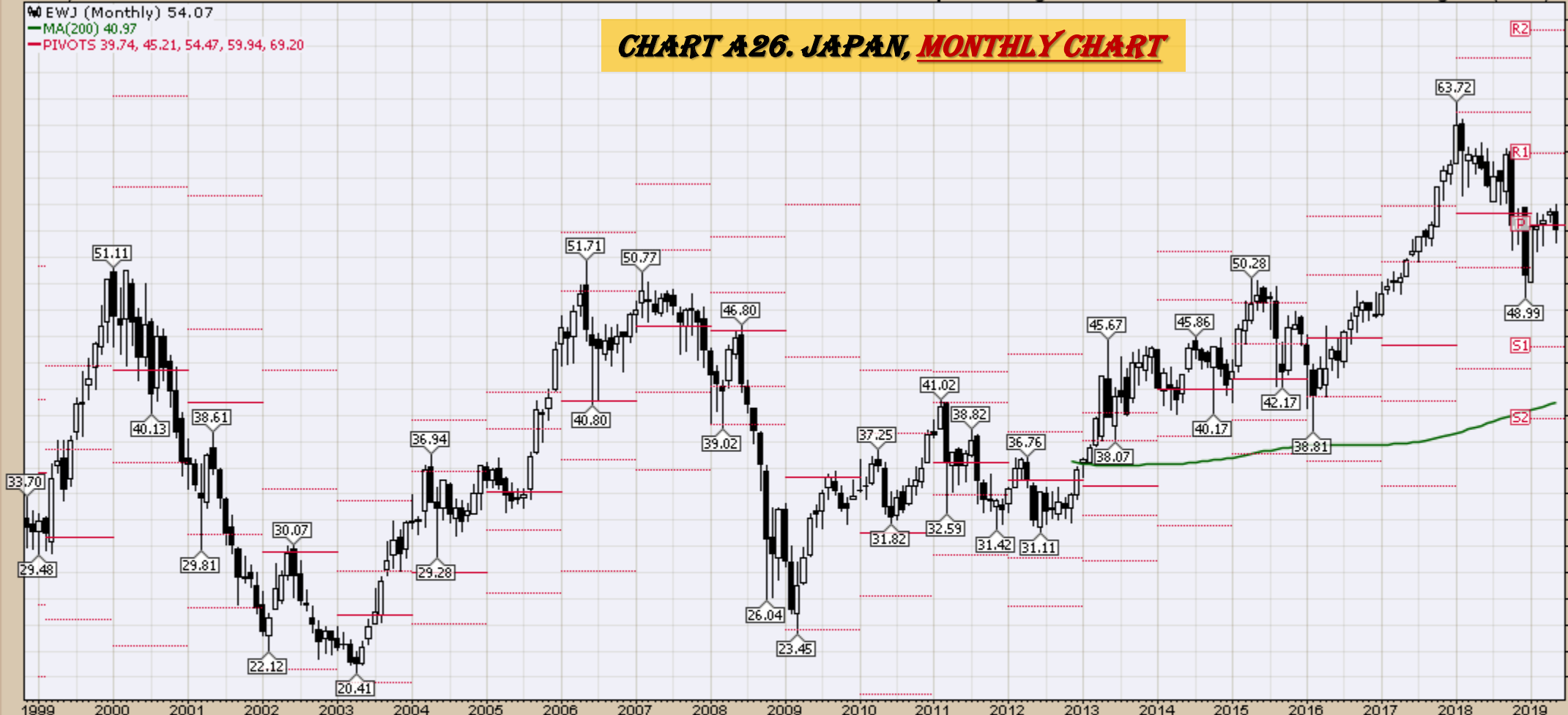
Open 55.47 High 55.99 Low 53.09 Close 54.07 Volume 80.9M Chg -1.35 (-2.44%)

EWJ (Monthly) 54.07

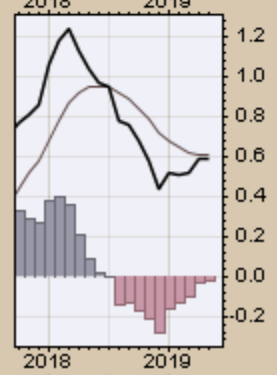
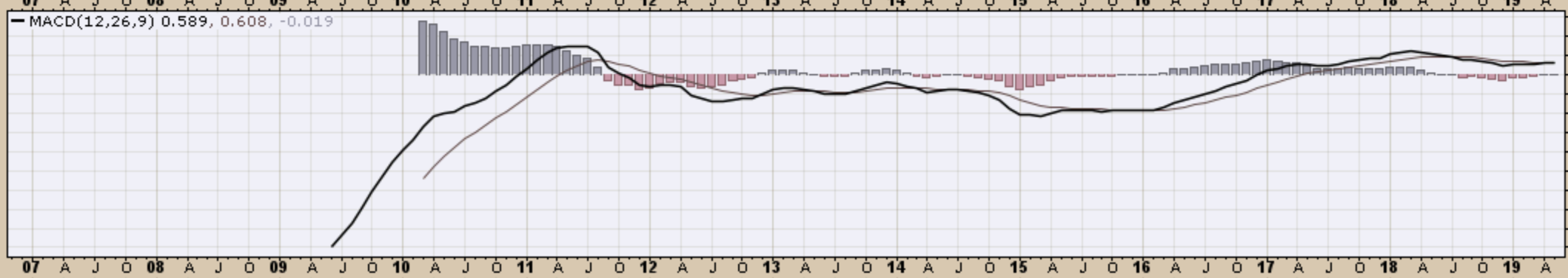
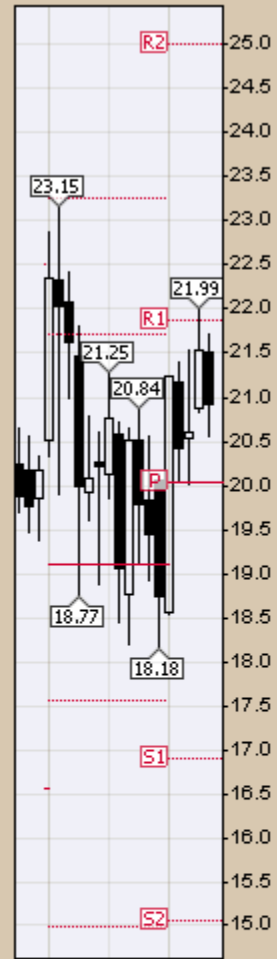
MA(200) 40.97

PIVOTS 39.74, 45.21, 54.47, 59.94, 69.20

# CHART A26. JAPAN, MONTHLY CHART



# CHART A27. RUSSIA, MONTHLY CHART

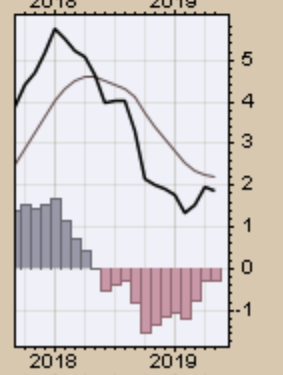
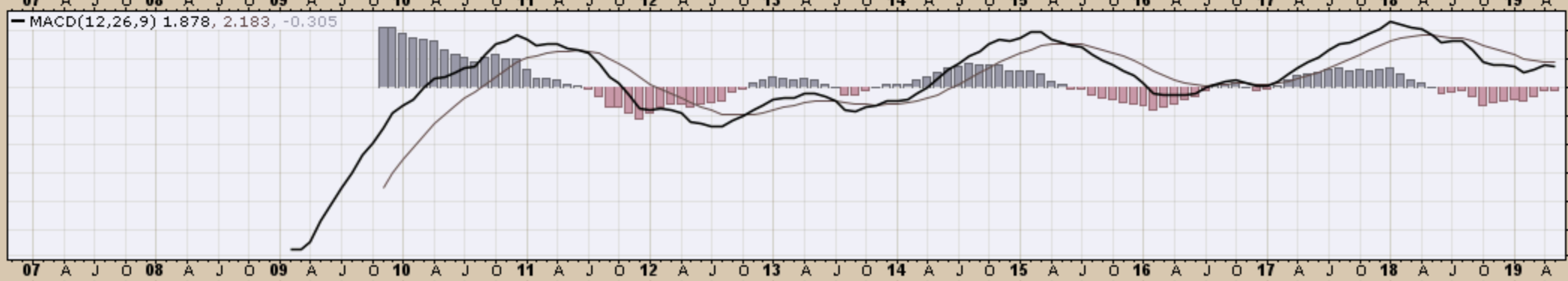
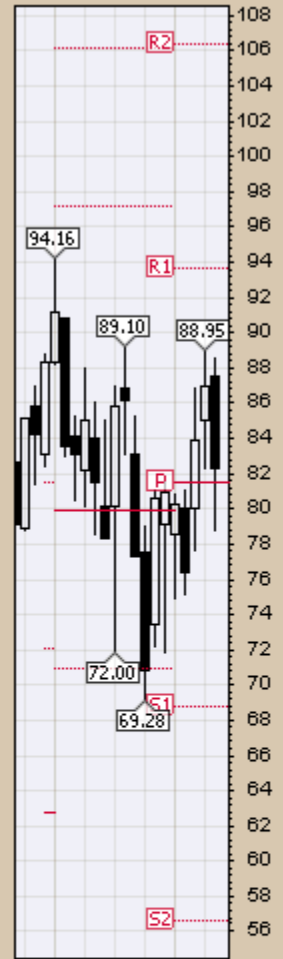




10-May-2019

Open 87.50 High 88.56 Low 78.75 Close 82.25 Volume 14.7K Chg -4.75 (-5.46%)

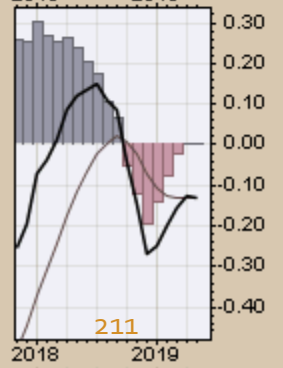
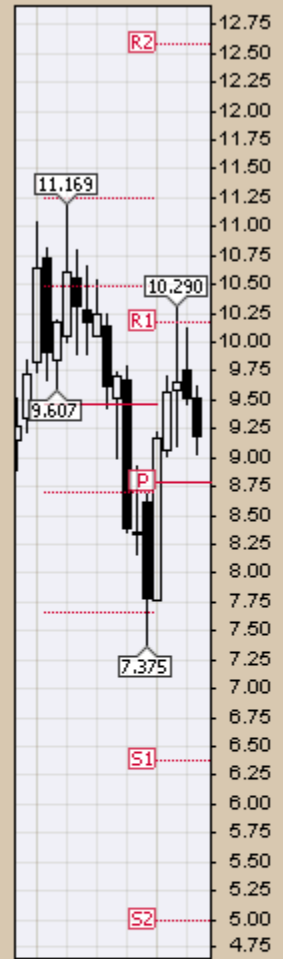
# CHART A28. INDIA, MONTHLY CHART



10-May-2019



**CHART A29. COLUMBIA MONTHLY CHART**



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

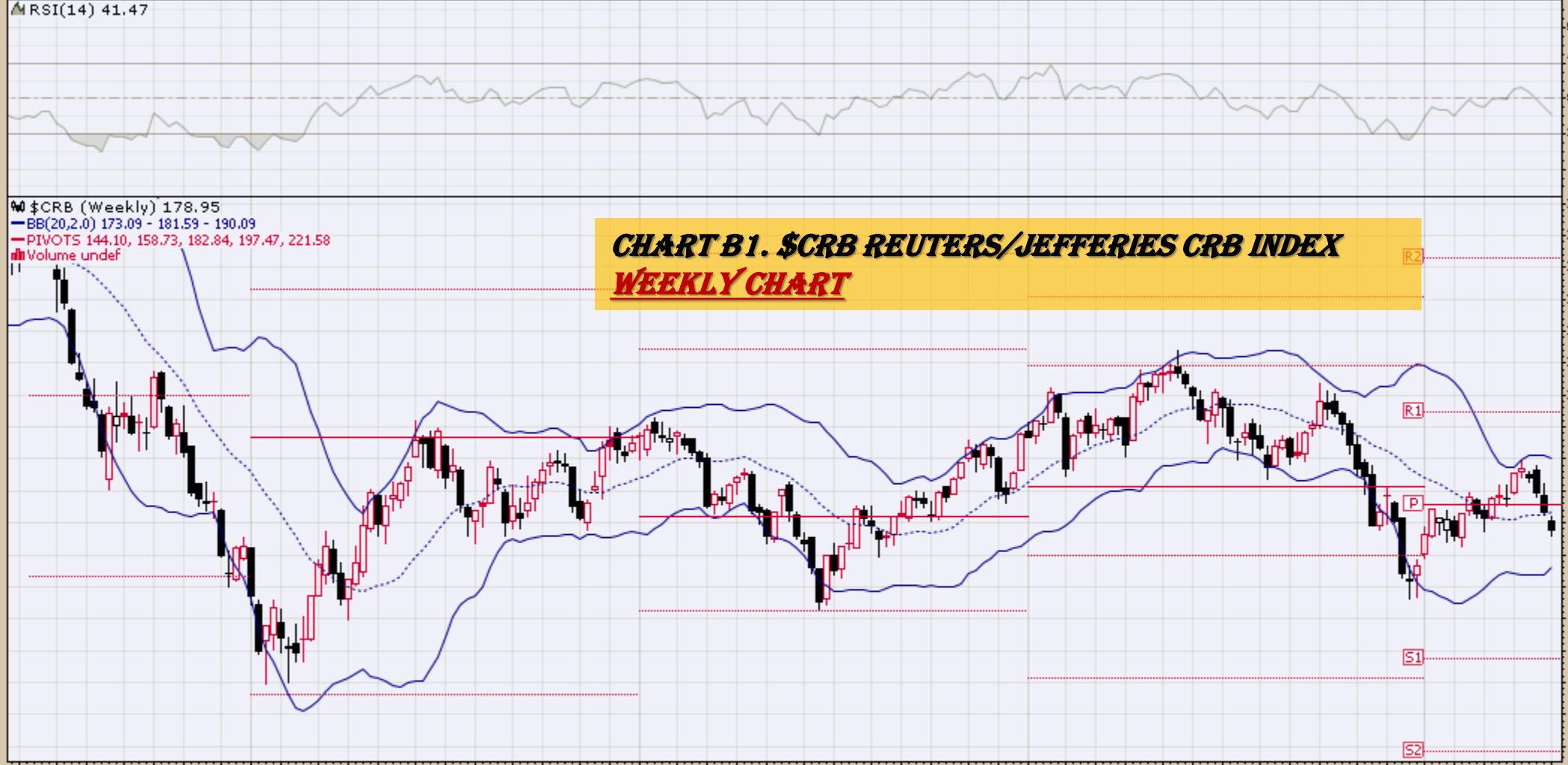
10-May-2019

Open 180.29 High 181.04 Low 177.99 Close 178.95 Chg -2.82 (-1.55%)

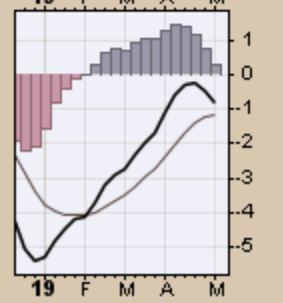
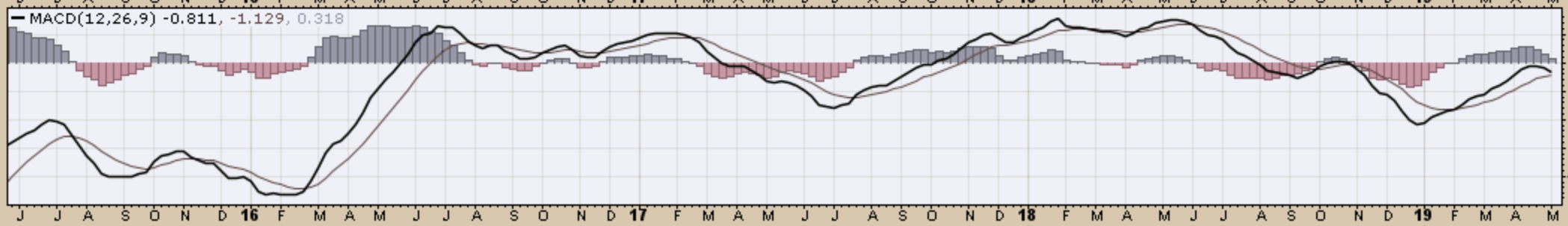
▲ RSI(14) 41.47

▲ \$CRB (Weekly) 178.95  
— BB(20,2.0) 173.09 - 181.59 - 190.09  
— 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) -0.811, -1.129, 0.318

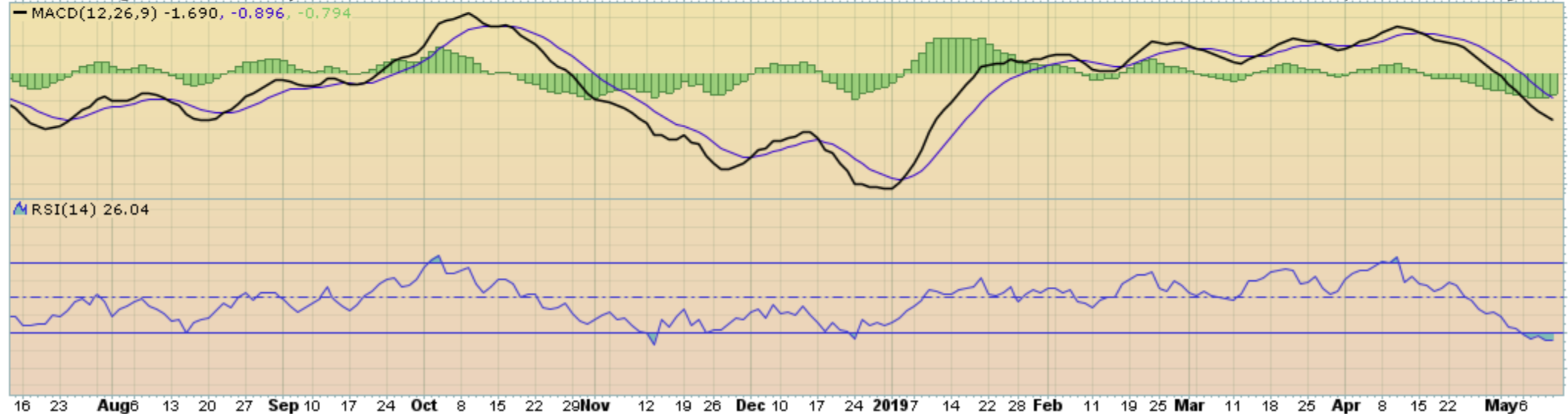


**\$CRB Reuters/Jefferies CRB Index (EOD) INDX**

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10-May-2019

Open 179.29 High 179.57 Low 178.77 Close 178.95 Chg -0.05 (-0.03%)



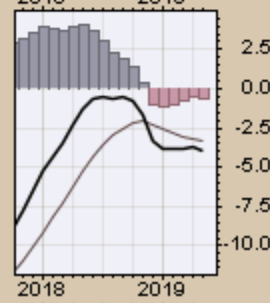
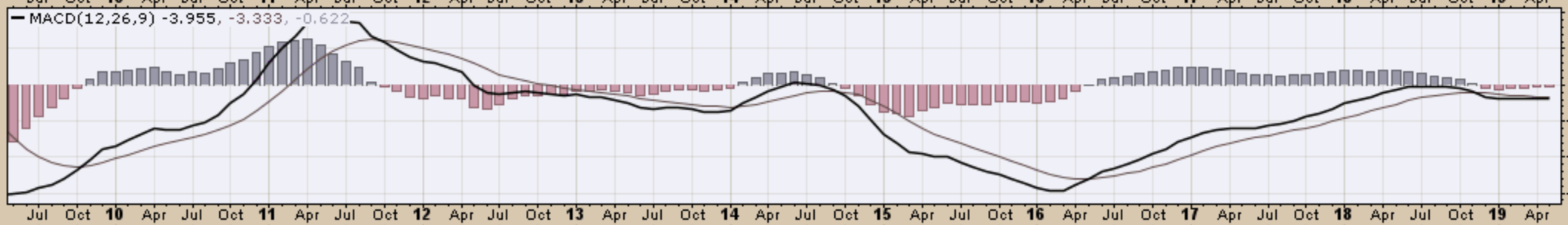
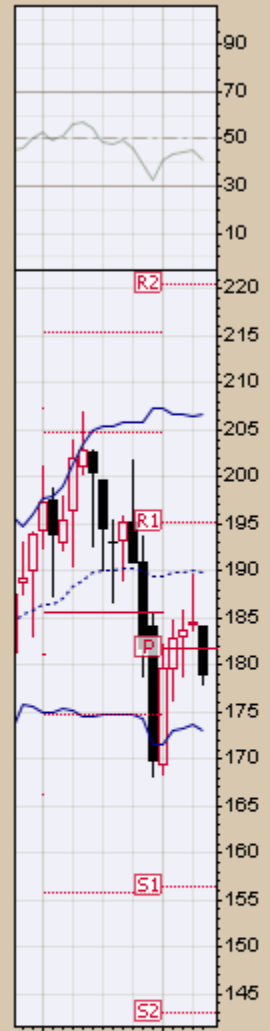
10-May-2019

Open 184.06 High 184.11 Low 177.99 Close 178.95 Chg -5.30 (-2.87%)

▲ RSI(14) 41.44

● \$CRB (Monthly) 178.95  
— BB(20,2,0) 172.98 - 189.85 - 206.72  
— PIVOTS 142.91, 156.36, 181.65, 195.10, 220.39  
■ Volume undef

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



10-May-2019

Open 184.63 High 189.68 Low 177.99 Close 178.95 Chg -4.80 (-2.61%)

MACD(12,26,9) -22.679, -24.634, 1.955

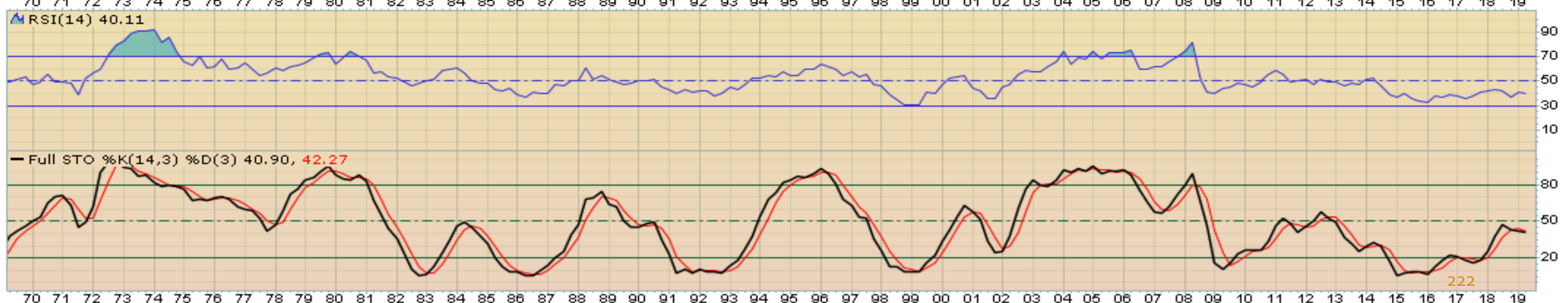
\$CRB (Quarterly) 178.95

MA(50) 261.67

MA(200) 232.39

EMA(20) 204.13

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



10-May-2019

Open 184.06 High 184.11 Low 177.99 Close 178.95 Chg -5.30 (-2.87%)

— \$CRB (Monthly) 178.95  
— MA(200) 269.28  
■ Volume undef

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



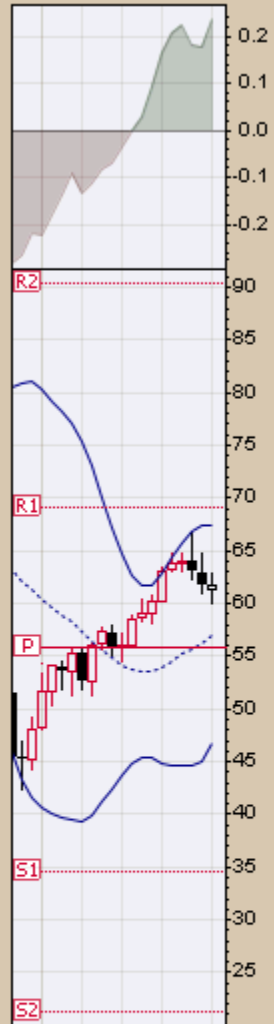


***\$WTIC Light Crude Oil  
Weekly, Daily and Monthly Charts***

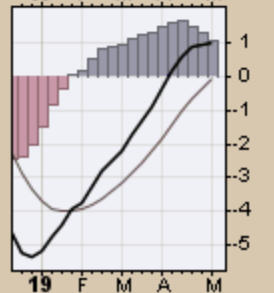
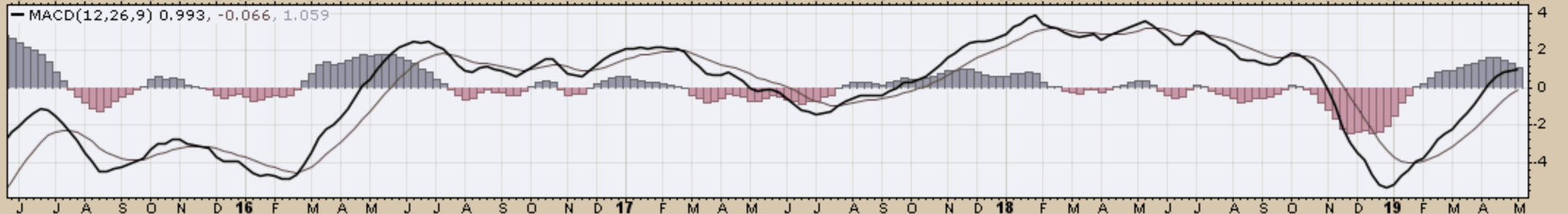
▲ CMF(20) 0.234

● \$WTIC (Weekly) 61.66  
— BB(20,2.0) 46.79 - 57.07 - 67.34  
— PIVOTS 21.20, 34.58, 55.74, 69.12, 90.28

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



— MACD(12,26,9) 0.993, -0.066, 1.059



10-May-2019

Open 61.64 High 62.49 Low 61.42 Close 61.66 Volume 77.2M Chg -0.04 (-0.06%)

Light Crude Oil - Continuous Contract (EOD) (Daily) 61.66

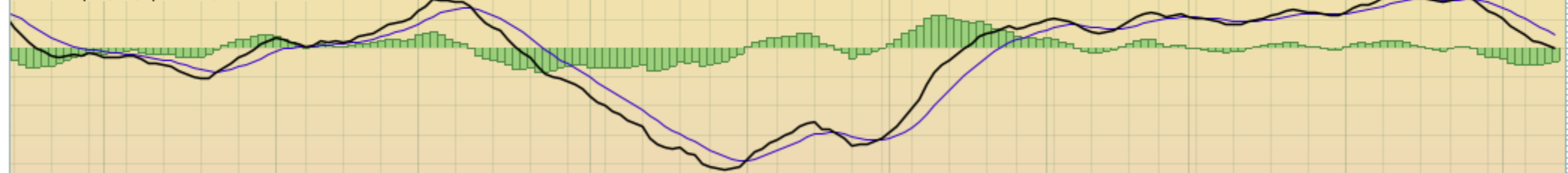
BB(20,2.0) 60.59 - 63.47 - 66.36

PIVOTS 57.08, 60.49, 63.55, 66.96, 70.02

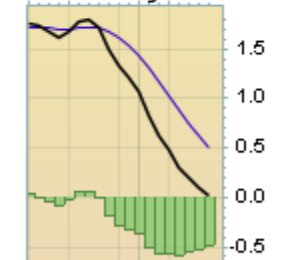


16 23 Aug 6 13 20 27 Sep 10 17 24 Oct 8 15 22 29 Nov 12 19 26 Dec 10 17 24 2019 14 22 28 Feb 11 19 25 Mar 11 18 25 Apr 8 15 22 May 6

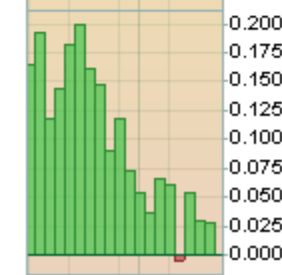
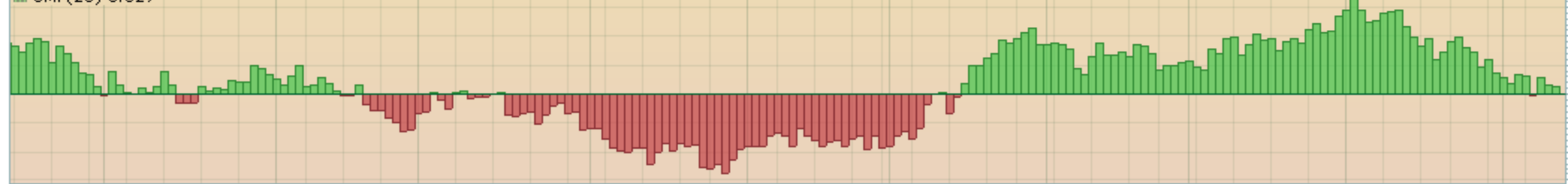
MACD(12,26,9) 0.012, 0.499, -0.486



15 22 May 6



CMF(20) 0.027



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 May 6

▲ CMF(20) 0.270 (30 Apr)

### CHART B8. \$WTIC, MONTHLY CHART

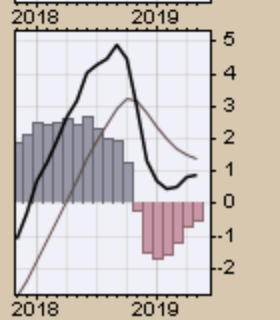
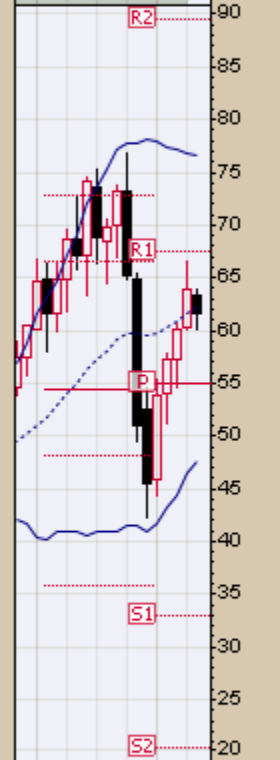
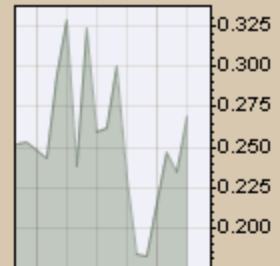
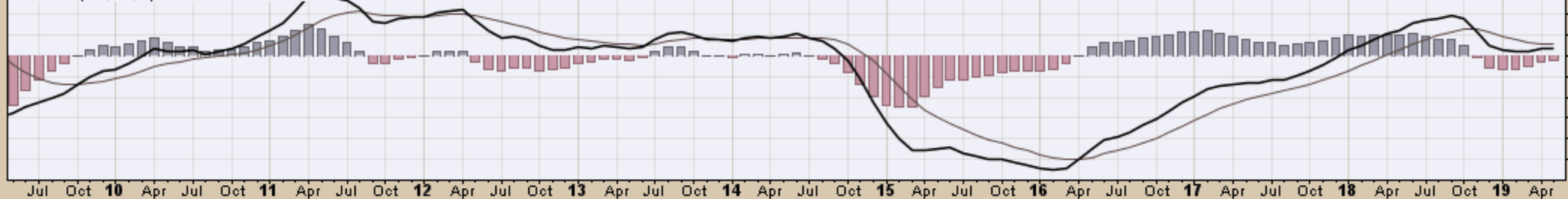
▲ \$WTIC (Monthly) 61.66

— BB(20,2.0) 47.66 - 62.17 - 76.68

— PIVOTS 20.35, 32.88, 54.89, 67.42, 89.43



— MACD(12,26,9) 0.899, 1.404, -0.505



10-May-2019

Open 63.40 High 63.93 Low 60.04 Close 61.66 Volume 612.3M Chg -2.25 (-3.52%)

— \$WTIC (Monthly) 61.66  
— MA(200) 68.14

**CHART B9. \$WTIC, MONTHLY CHART**



*Soybeans*  
*Weekly, Daily and Monthly Charts*

10-May-2019

Open 828.00 High 836.25 Low 806.25 Close 809.25 Volume 560.9K Chg -33.00 (-3.92%)

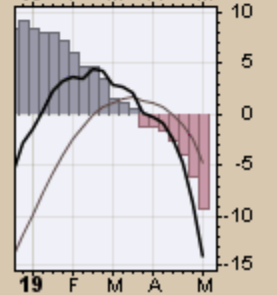
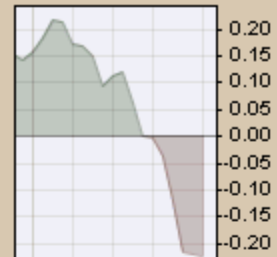
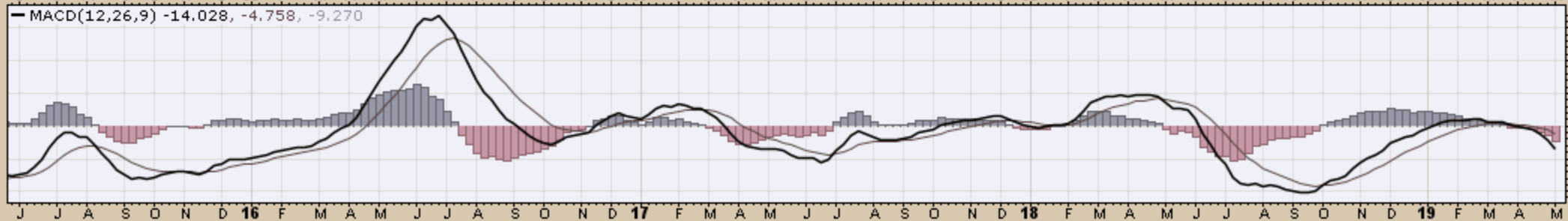
▲ CMF(20) -0.225

### CHART B10. SOYBEANS, WEEKLY CHART

▲ \$SOYB (Weekly) 809.25  
— BB(20,2.0) 840.01 - 896.53 - 953.04  
— PIVOTS 668.50, 795.00, 938.75, 1065.25, 1209.00



— MACD(12,26,9) -14.028, -4.758, -9.270



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

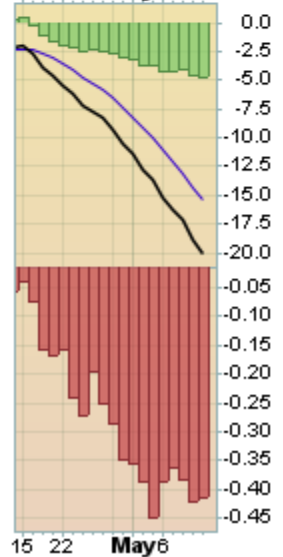
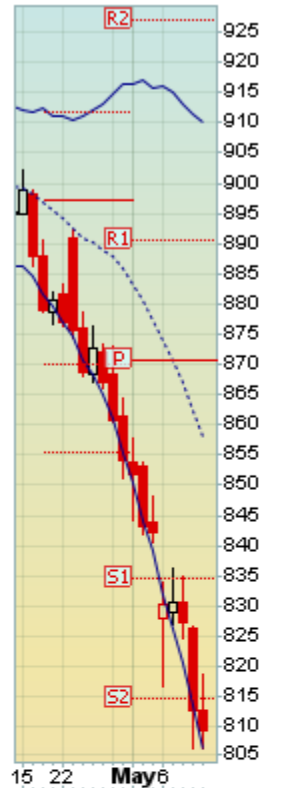
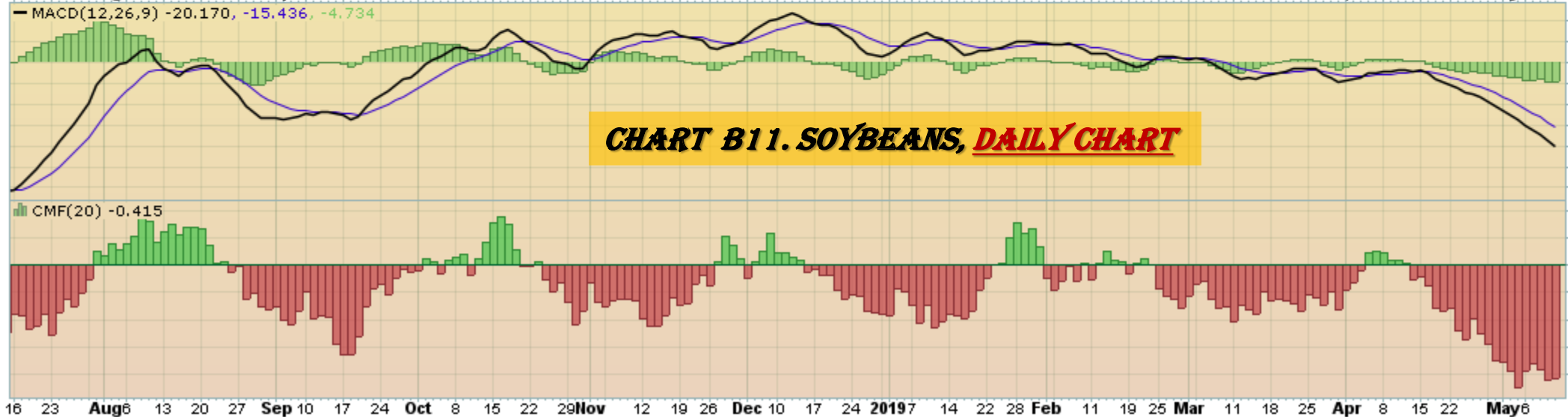
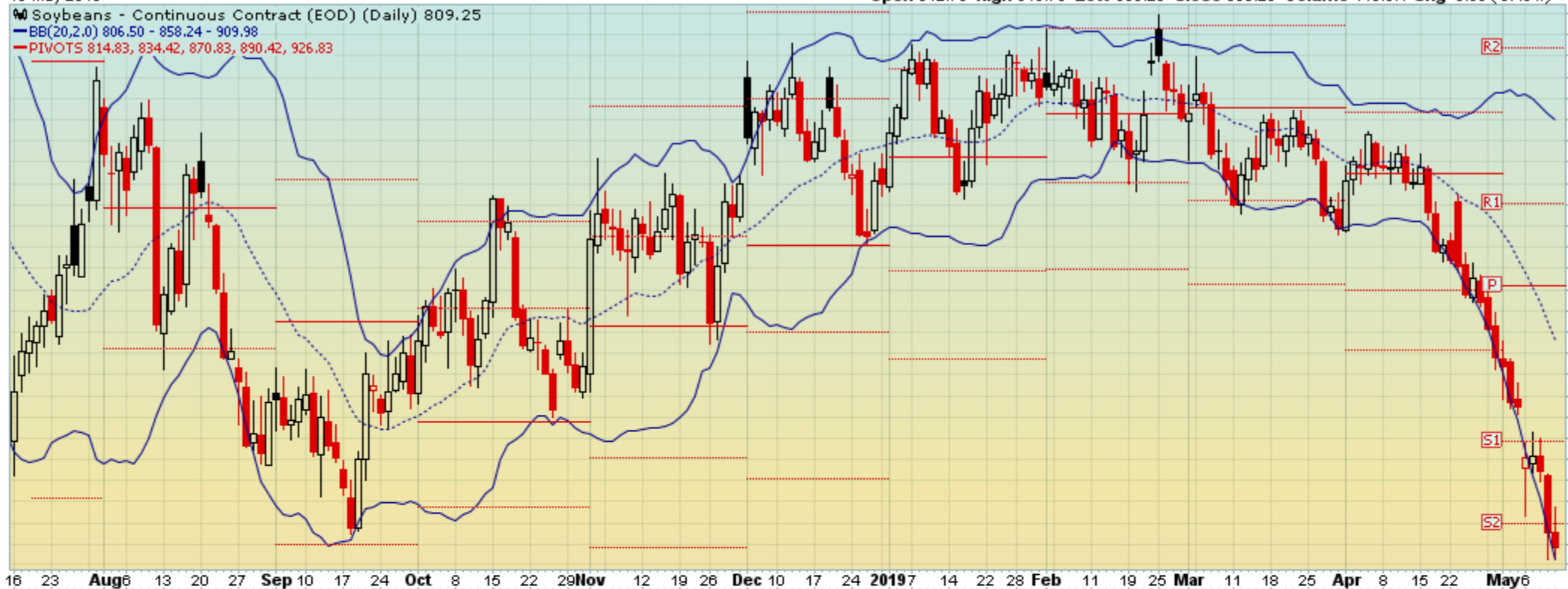
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10-May-2019

Open 812.75 High 818.75 Low 806.25 Close 809.25 Volume 110.6K Chg -3.50 (-0.43%)

BB(20,2.0) 806.50 - 858.24 - 909.98

PIVOTS 814.83, 834.42, 870.83, 890.42, 926.83





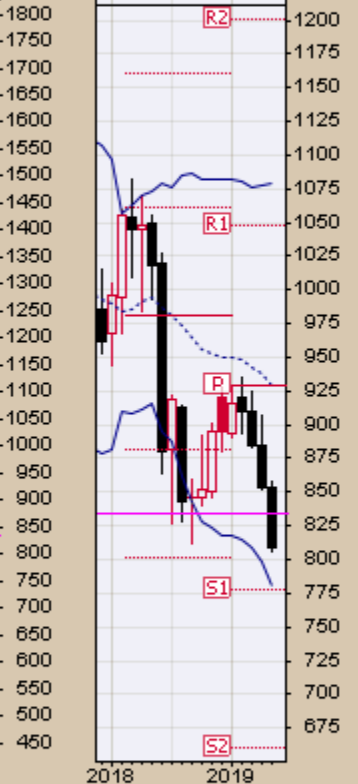
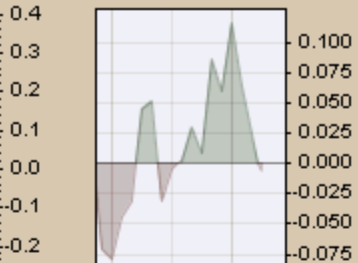
10-May-2019

Open 853.75 High 857.75 Low 806.25 Close 809.25 Volume 863.4K Chg -44.75 (-5.24%)

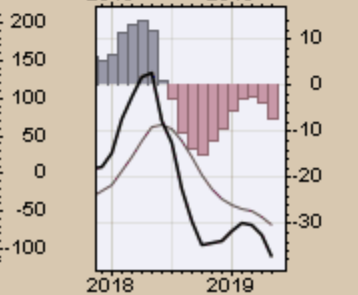
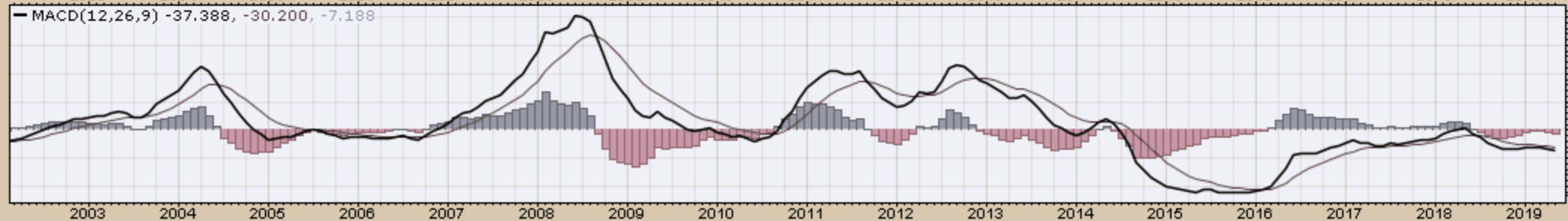
▲ CMF(20) -0.007 (30 Apr)

### CHART B12. SOYBEANS, MONTHLY CHART

▲ \$SOYB (Monthly) 809.25  
— BB(20,2.0) 780.81 - 929.89 - 1078.96  
— PIVOTS 659.67, 777.33, 929.92, 1047.58, 1200.17



— MACD(12,26,9) -37.388, -30.200, -7.188

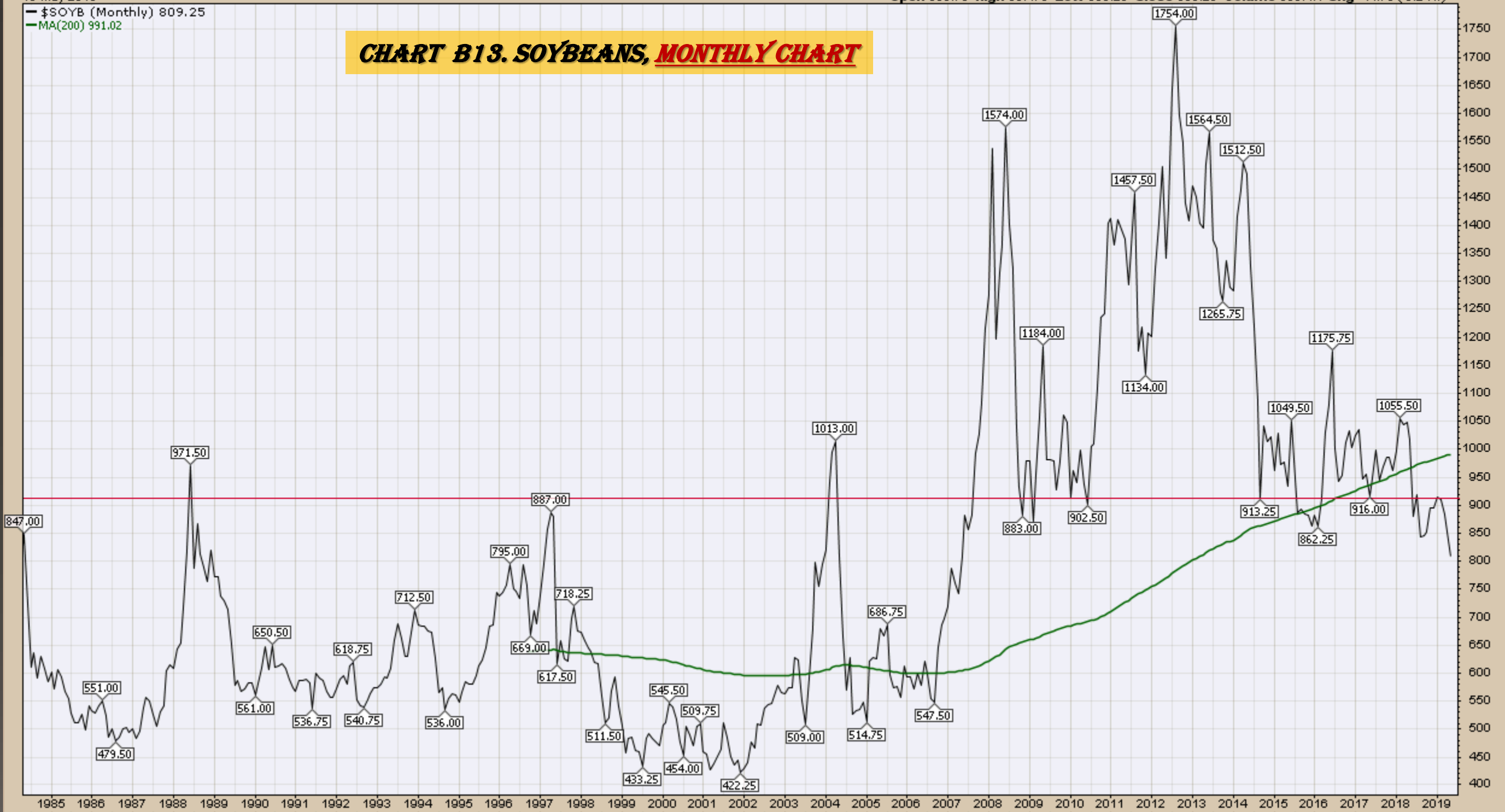


10-May-2019

Open 853.75 High 857.75 Low 806.25 Close 809.25 Volume 863.4K Chg -44.75 (-5.24%)

-\$SOYB (Monthly) 809.25  
-MA(200) 991.02

# CHART B13. SOYBEANS, MONTHLY CHART



*Corn*

*Weekly, Daily and Monthly Charts*

▲ CMF(20) 0.052

### CHART B14. CORN, WEEKLY CHART

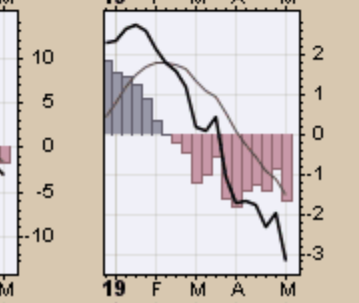
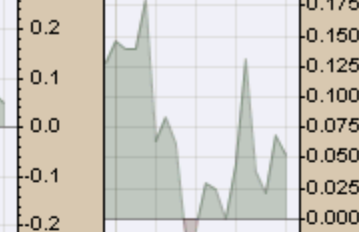
▲ \$CORN (Weekly) 351.75  
— BB(20,2,0) 354.86 - 371.48 - 388.09  
— PIVOTS 304.50, 343.75, 378.00, 417.25, 451.50  
■ Volume 1.07M, EMA(50) 858.42K

1.75M  
1.50M  
1.25M  
1.00M  
750K  
500K  
250K

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

— MACD(12,26,9) -3.181, -1.524, -1.657

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



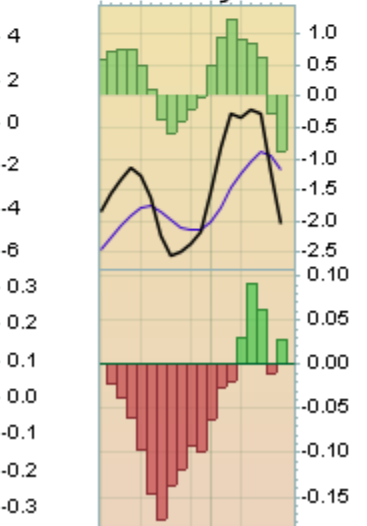
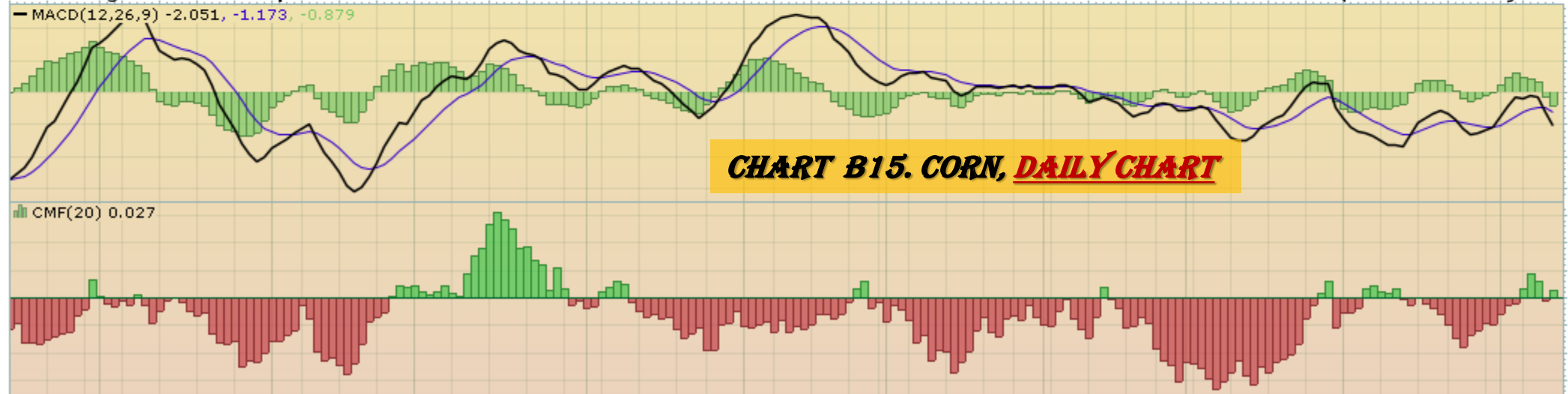
10-May-2019

Open 354.00 High 355.50 Low 346.50 Close 351.75 Volume 285.2K Chg -1.50 (-0.42%)

BB(20,2,0) 352.47 - 363.76 - 375.06  
PIVOTS 340.83, 351.67, 362.33, 373.17, 383.83  
CHANDLR(22,3,0) 354.00



16 23 Aug6 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 May6



**CHART B15. CORN, DAILY CHART**

16 23 Aug6 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 May6

10-May-2019

Open 362.50 High 371.75 Low 345.50 Close 351.75 Volume 1.6M Chg -10.75 (-2.97%)

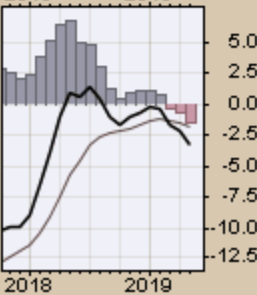
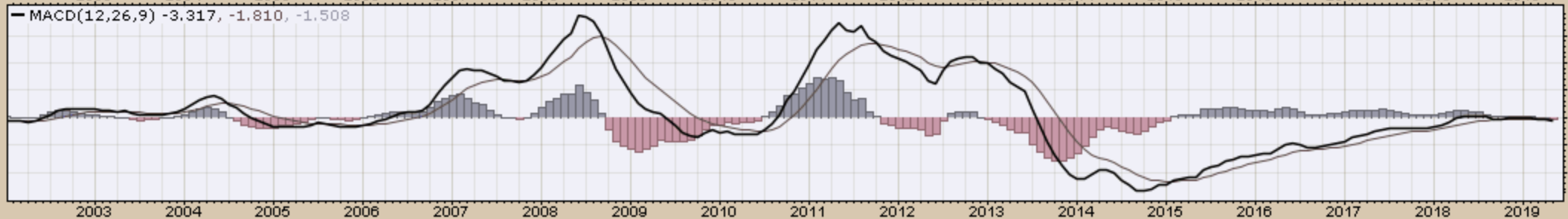
▲ CMF(20) 0.094 (30 Apr)

### CHART B16. CORN, MONTHLY CHART

📉 \$CORN (Monthly) 351.75  
— BB(20,2.0) 339.75 - 369.56 - 399.37  
— PIVOTS 301.83, 338.42, 375.33, 411.92, 448.83



— MACD(12,26,9) -3.317, -1.810, -1.508



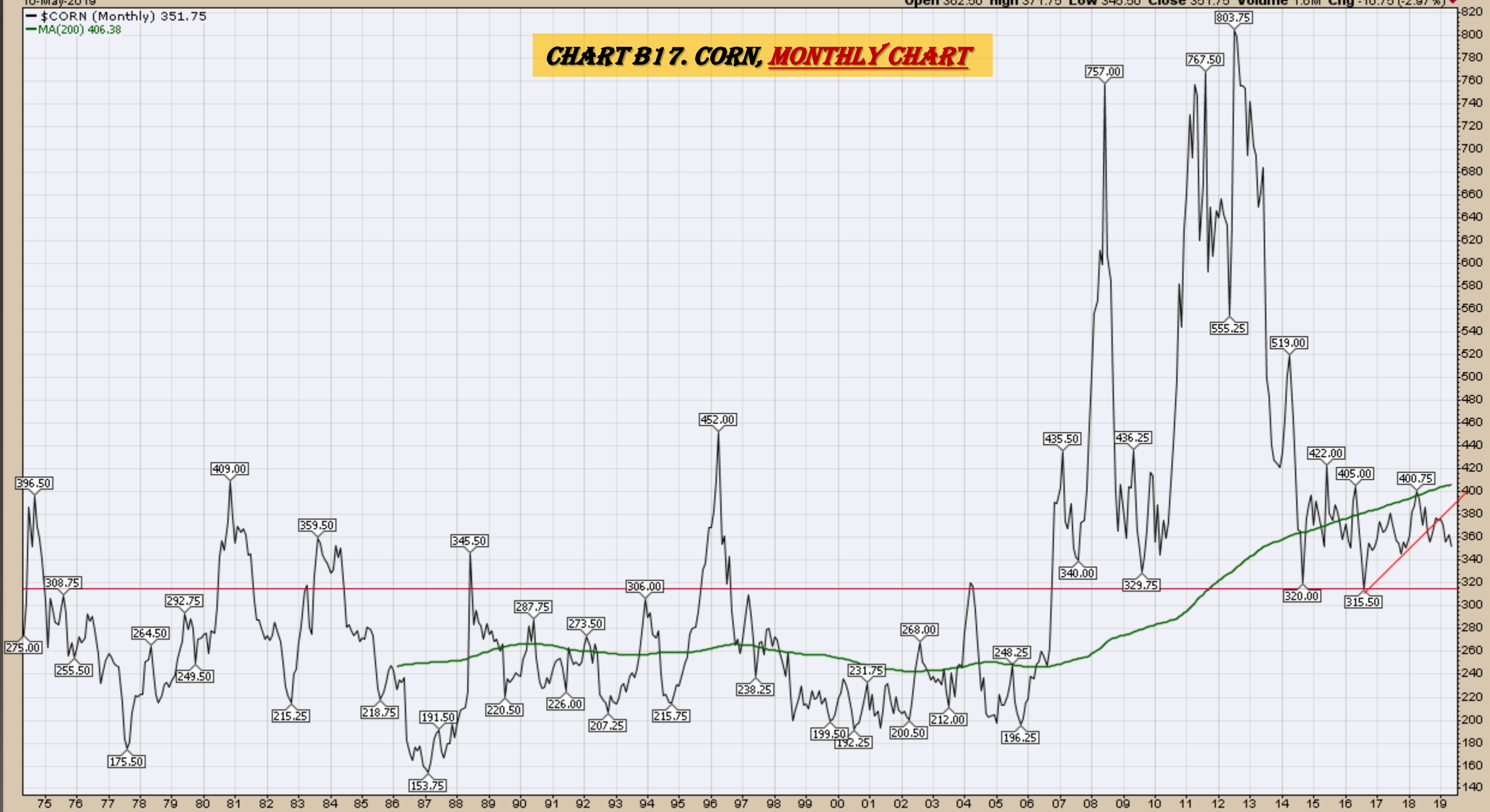
10-May-2019

Open 362.50 High 371.75 Low 345.50 Close 351.75 Volume 1.6M Chg -10.75 (-2.97%)

-\$CORN (Monthly) 351.75

MA(200) 406.38

# CHART B17. CORN, MONTHLY CHART



*Rice*  
*Quarterly and Daily Charts*



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



20.000  
17.500  
15.000  
12.578  
10.720  
10.000  
9.753  
7.500  
6.928  
5.000  
2.500

1990 1994 1998 2002 2006 2010 2014 2018 297

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



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



*Cotton*  
*Weekly, Daily and Monthly Charts*

▲ CMF(20) 0.031

☐ \$COTTON (Weekly) 68.45

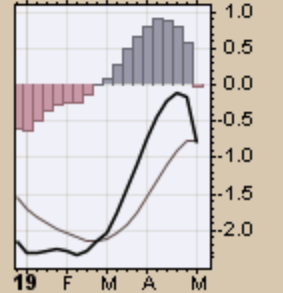
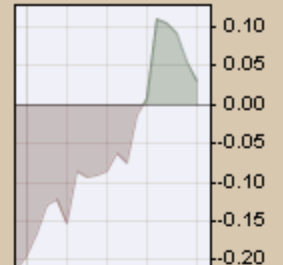
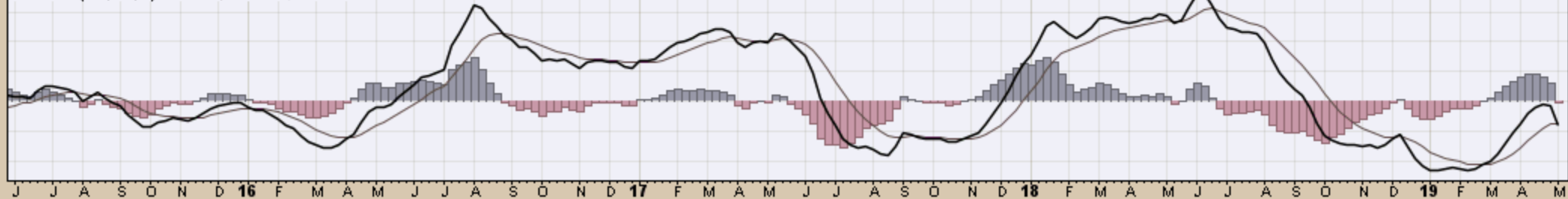
— BB(20,2.0) 69.24 - 74.53 - 79.81

— PIVOTS 55.16, 63.84, 79.33, 88.01, 103.50

**CHART B21. COTTON, WEEKLY CHART**



— MACD(12,26,9) -0.790, -0.762, -0.028

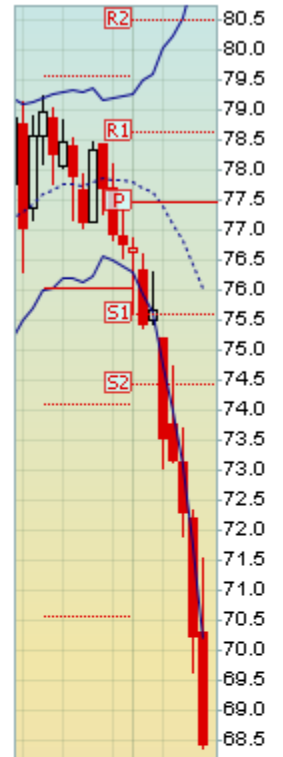


10 Cotton - Continuous Contract (EOD) (Daily) 68.45

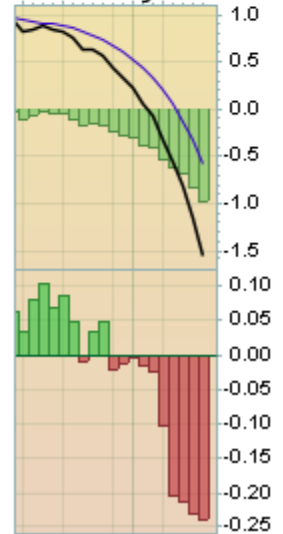
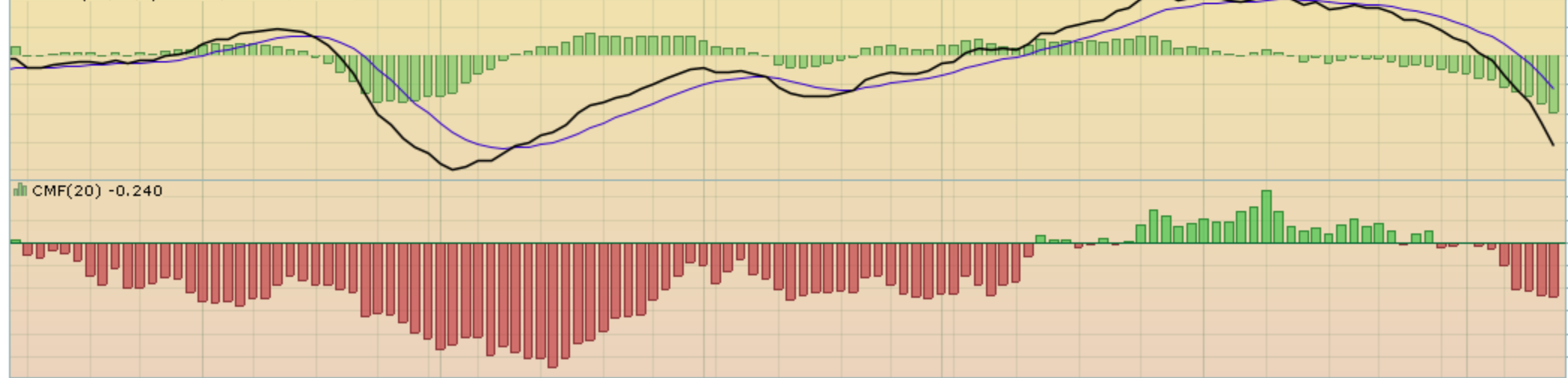
BB(20,2,0) 70.21 - 76.03 - 81.84

PIVOTS 74.45, 75.61, 77.47, 78.63, 80.49

### CHART B22. COTTON, DAILY CHART



MACD(12,26,9) -1.561, -0.576, -0.985



CMF(20) -0.240



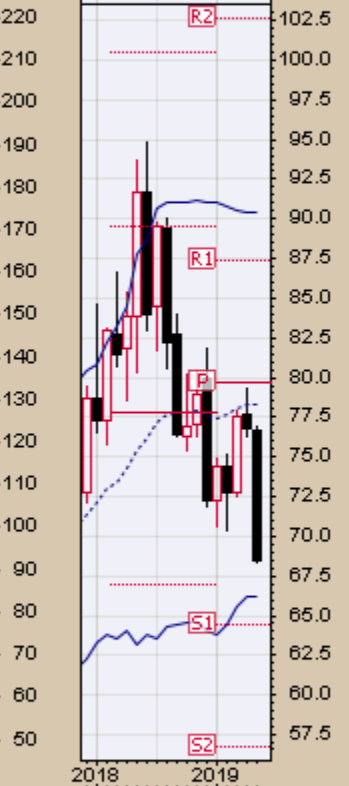
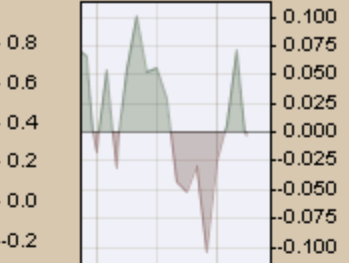
10-May-2019

Open 76.65 High 76.87 Low 68.35 Close 68.45 Volume 191.7K Chg -8.33 (-10.85%)

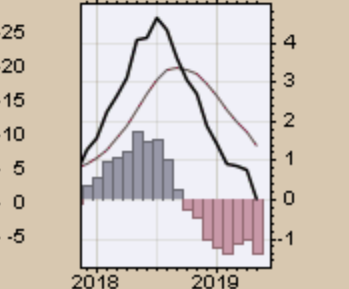
▲ CMF(20) -0.004 (30 Apr)

☐ \$COTTON (Monthly) 68.45  
— BB(20,2.0) 66.25 - 78.35 - 90.46  
— PIVOTS 56.68, 64.44, 79.63, 87.39, 102.58

**CHART B23. COTTON, MONTHLY CHART**

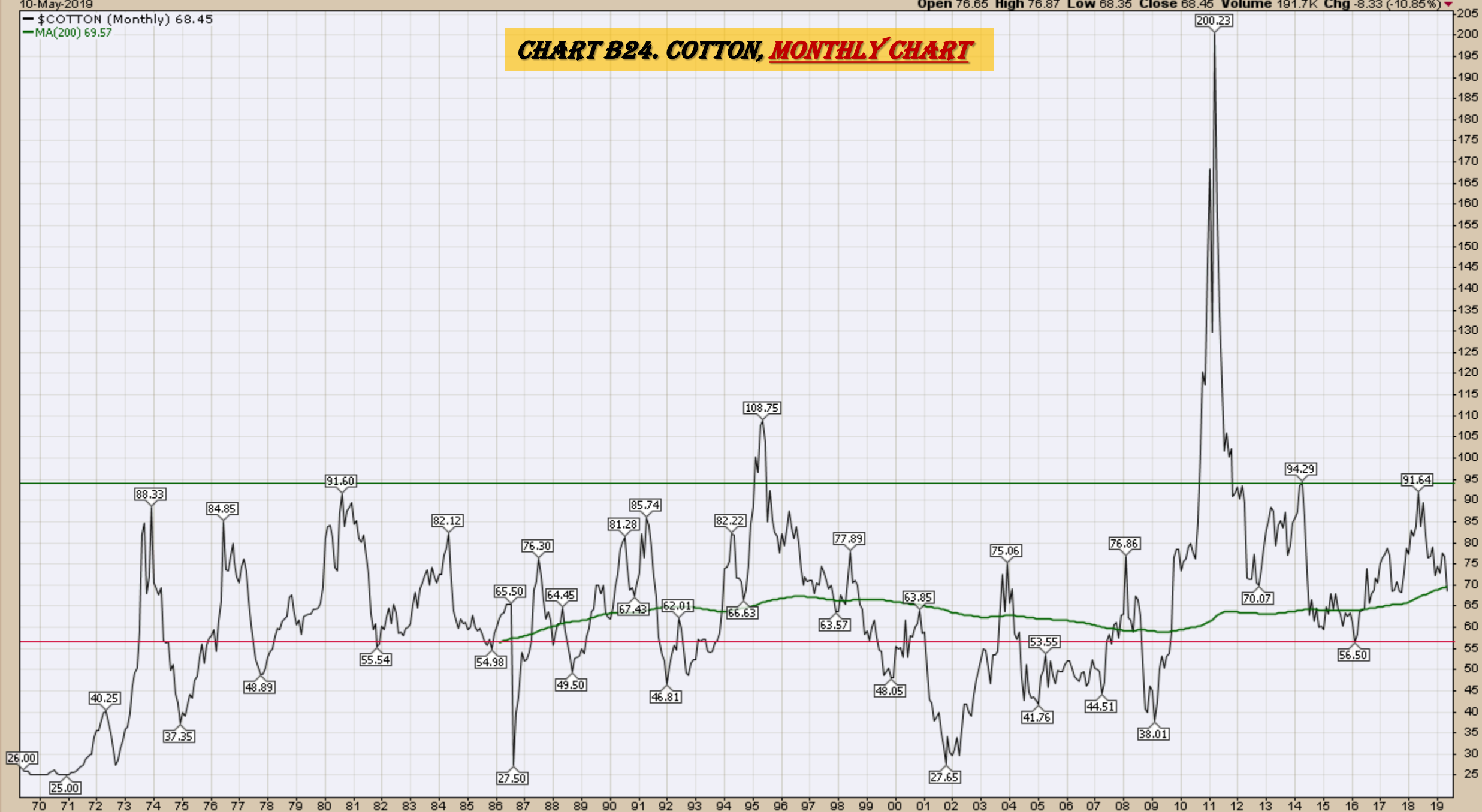


— MACD(12,26,9) -0.008, 1.397, -1.405



— \$COTTON (Monthly) 68.45  
— MA(200) 69.57

**CHART B24. COTTON, MONTHLY CHART**





*Wheat*  
*Weekly, Daily and Monthly Charts*

10-May-2019

Open 430.00 High 443.50 Low 421.50 Close 424.75 Volume 261.2K Chg -13.25 (-3.03%)

▲ CMF(20) -0.068

📉 \$WHEAT (Weekly) 424.75

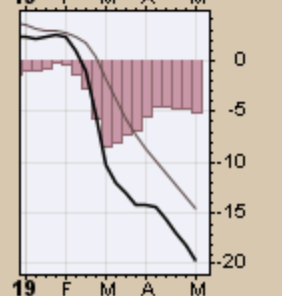
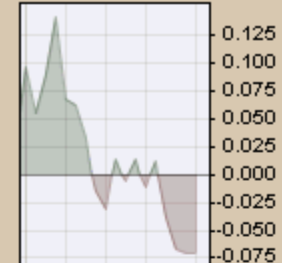
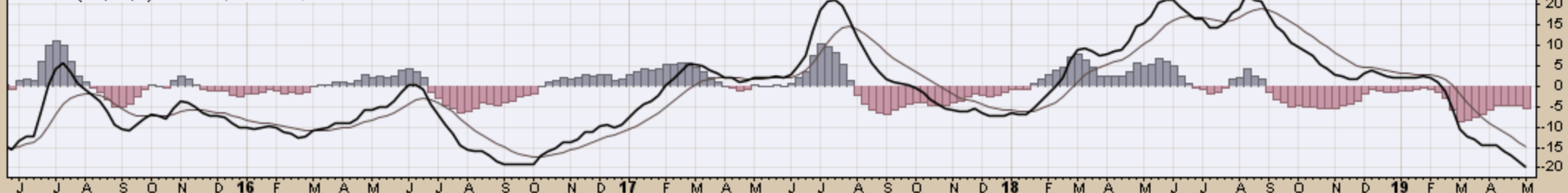
— BB(20,2.0) 413.56 - 479.59 - 545.62

— PIVOTS 328.00, 422.50, 507.75, 602.25, 687.50

### CHART B25. WHEAT, WEEKLY CHART



— MACD(12,26,9) -19.711, -14.598, -5.113



10-May-2019

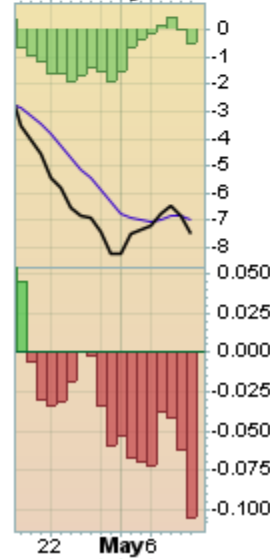
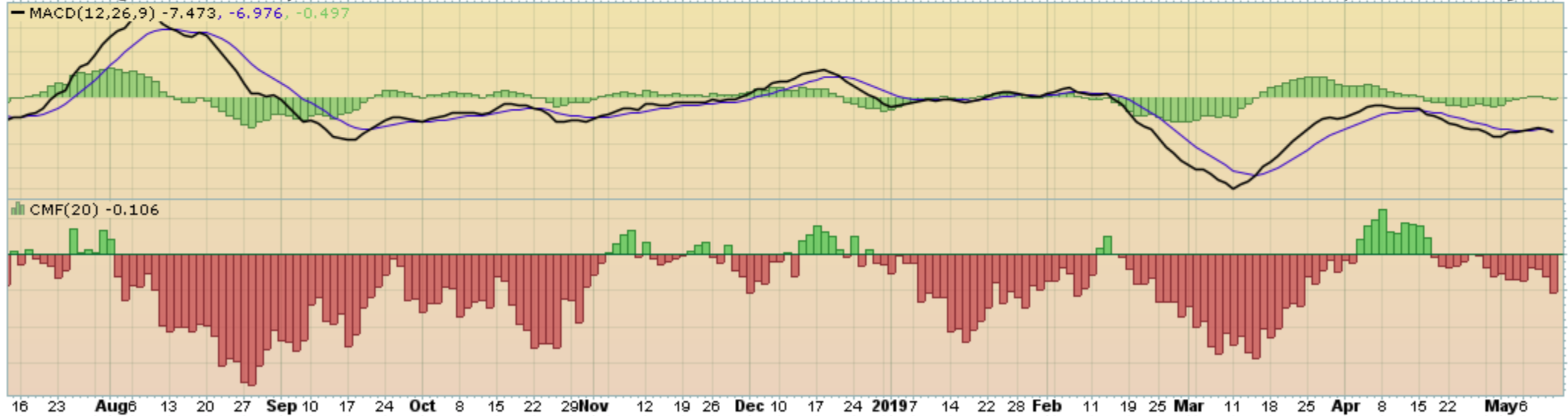
Open 432.00 High 434.25 Low 421.50 Close 424.75 Volume 63.9K Chg -4.75 (-1.11%)

Wheat - Continuous Contract (EOD) (Daily) 424.75

BB(20,2.0) 422.93 - 441.44 - 459.95

PIVOTS 392.58, 410.67, 444.08, 462.17, 495.58

### CHART B26. WHEAT, DAILY CHART



▲ CMF(20) -0.003 (30 Apr)

### CHART B27. WHEAT, MONTHLY CHART

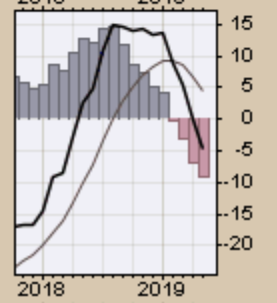
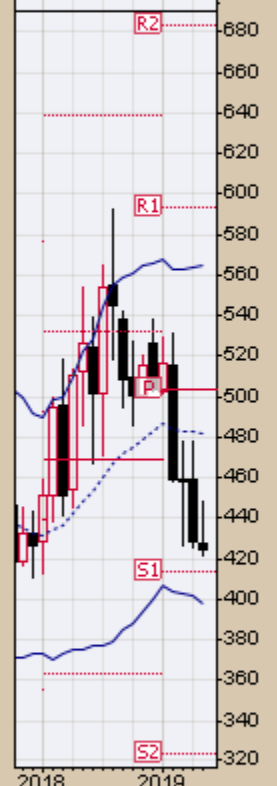
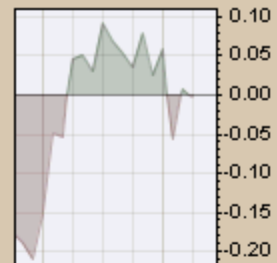
WHEAT (Monthly) 424.75

BB(20,2.0) 397.94 - 481.46 - 564.98

PIVOTS 323.42, 413.33, 503.17, 593.08, 682.92



MACD(12,26,9) -4.541, 4.535, -9.075



### CHART B28. WHEAT, MONTHLY CHART

— \$WHEAT (Monthly) 424.75  
— MA(200) 535.70



# *S&P Sectors*

## Sector Chart Book Index

### Market Outlook Considerations for Week Beginning May 13, 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

10-May-2019

▲ CMF(20) 0.423

Open 27.58 High 27.98 Low 26.90 Close 27.48 Volume 266.8M Chg -0.59 (-2.10%)

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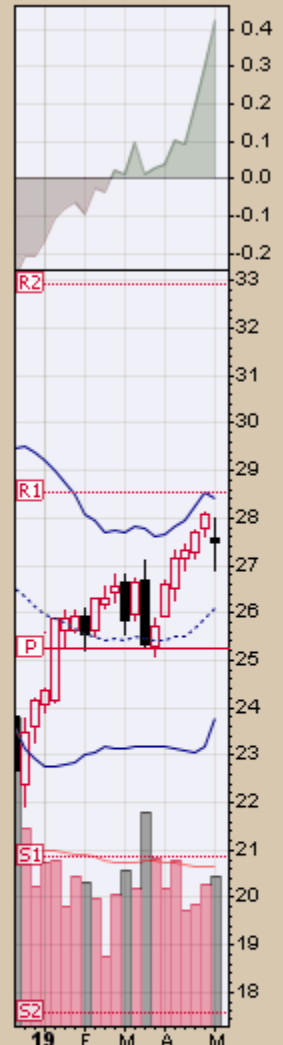
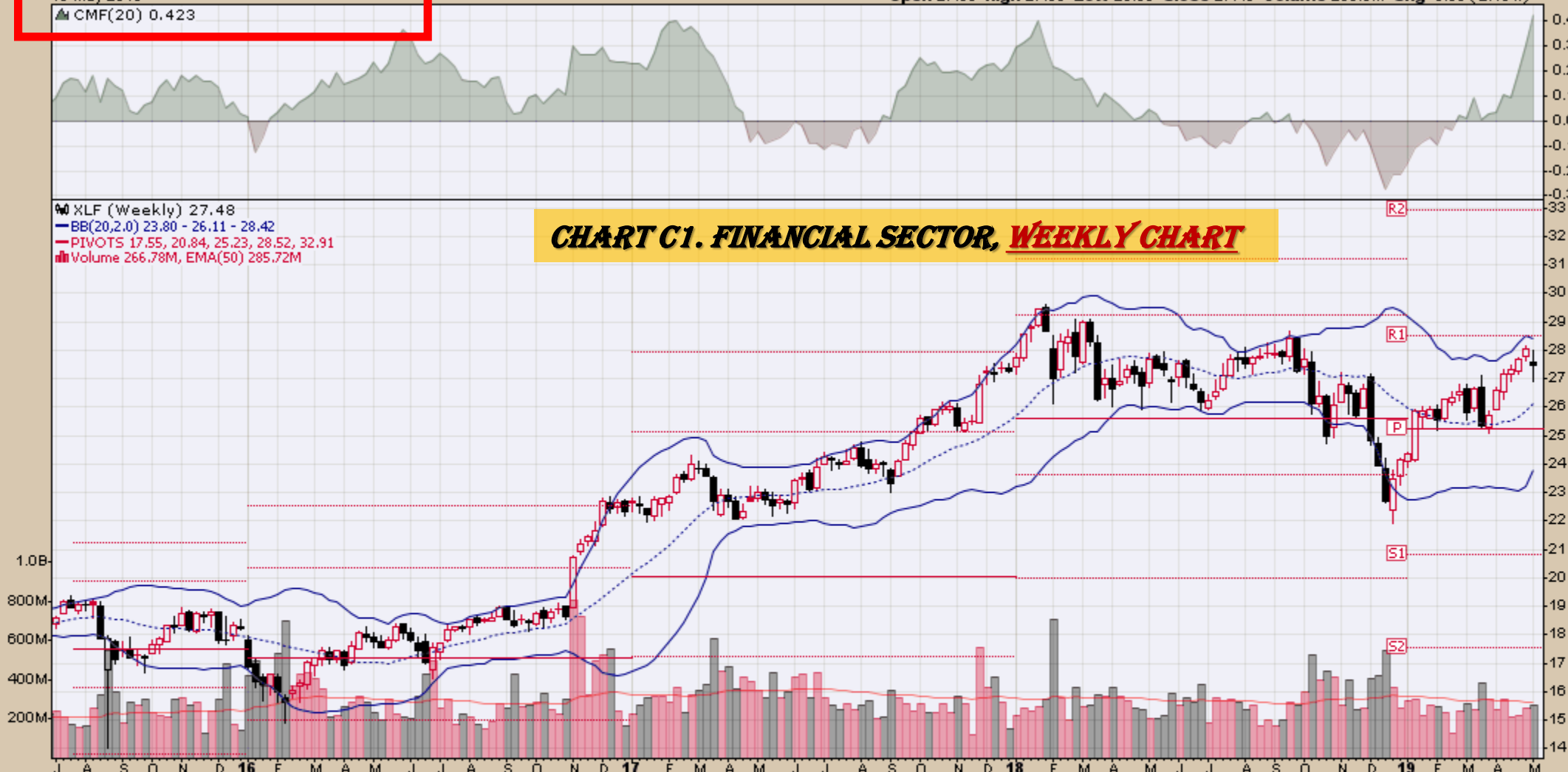
### CHART C1. FINANCIAL SECTOR, WEEKLY CHART

XLF (Weekly) 27.48

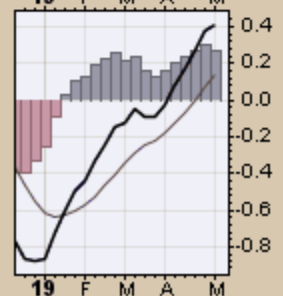
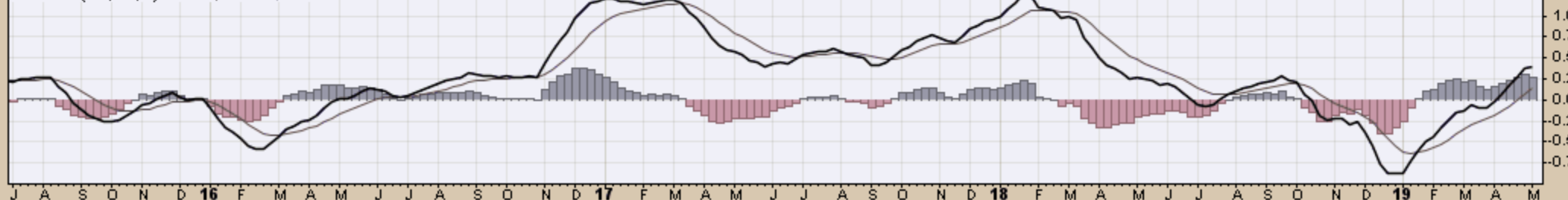
BB(20,2,0) 23.80 - 26.11 - 28.42

PIVOTS 17.55, 20.84, 25.23, 28.52, 32.91

Volume 266.78M, EMA(50) 285.72M



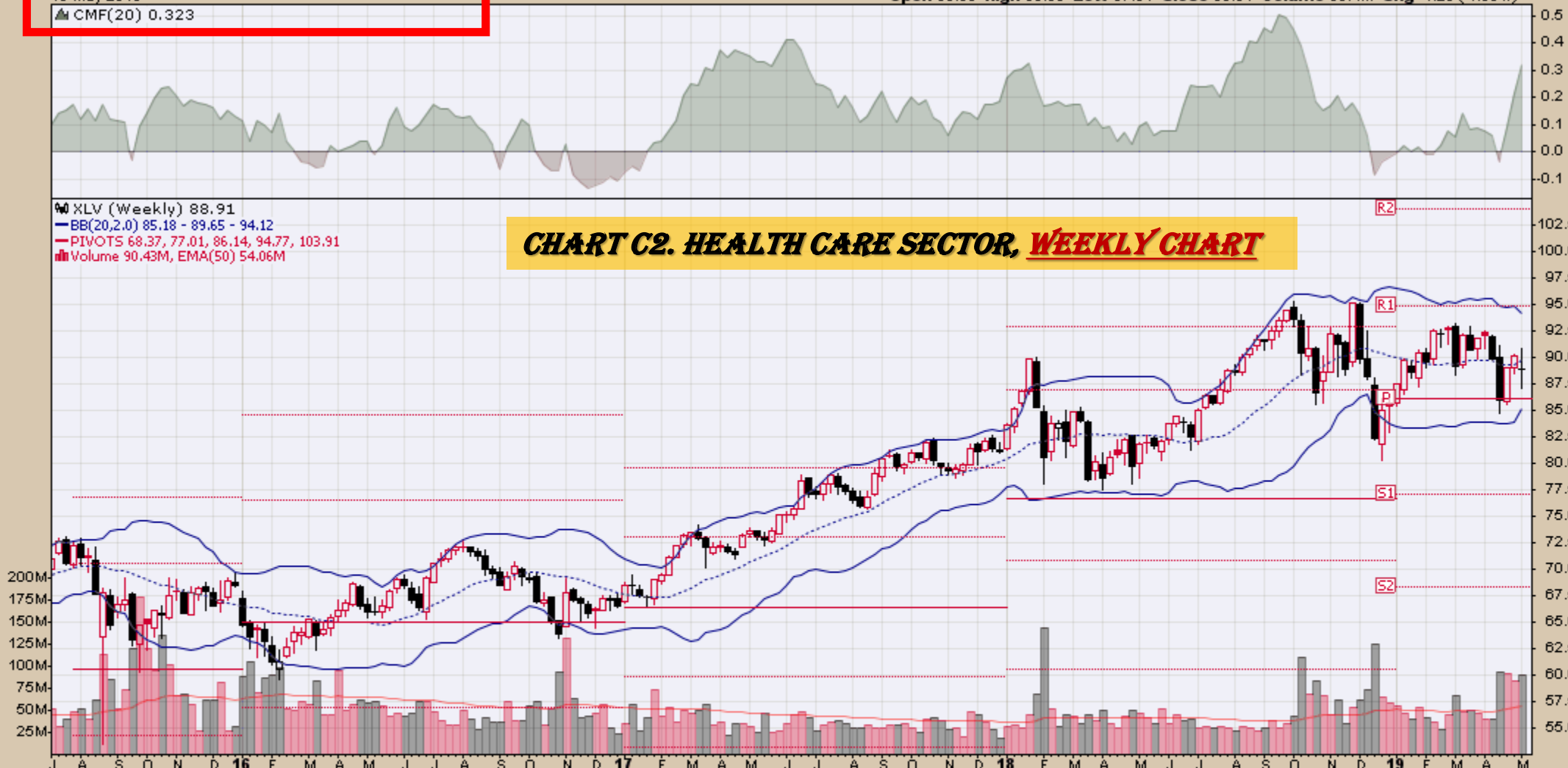
MACD(12,26,9) 0.404, 0.141, 0.263



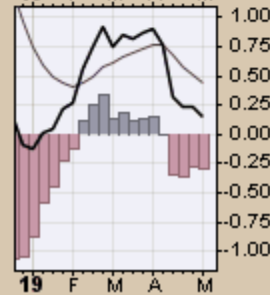
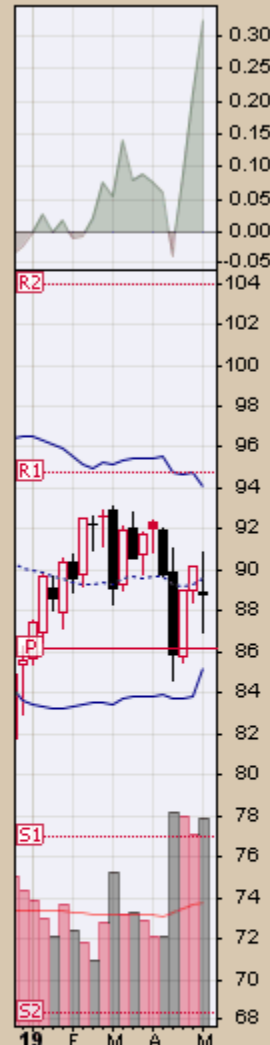
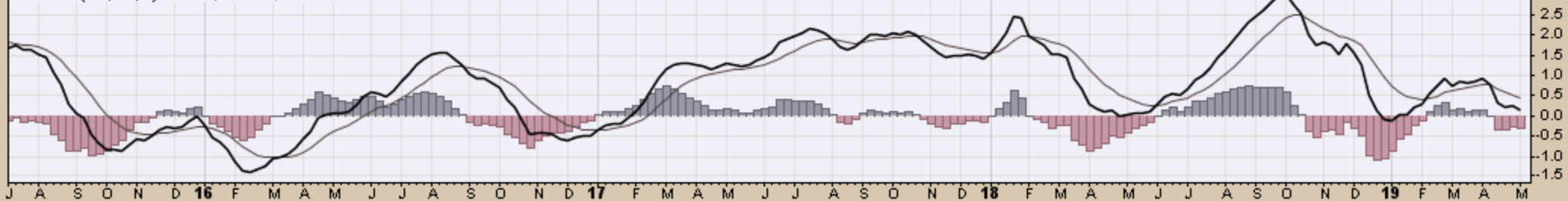


### CHART C2. HEALTH CARE SECTOR, WEEKLY CHART

XLV (Weekly) 88.91  
BB(20,2,0) 85.18 - 89.65 - 94.12  
PIVOTS 68.37, 77.01, 86.14, 94.77, 103.91  
Volume 90.43M, EMA(50) 54.06M



MACD(12,26,9) 0.150, 0.444, -0.294



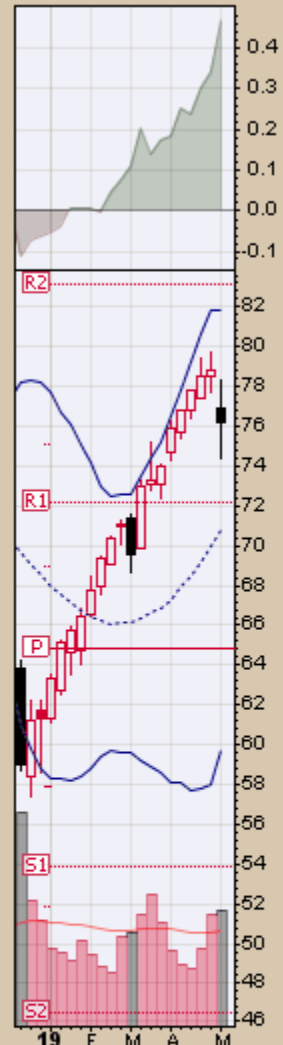
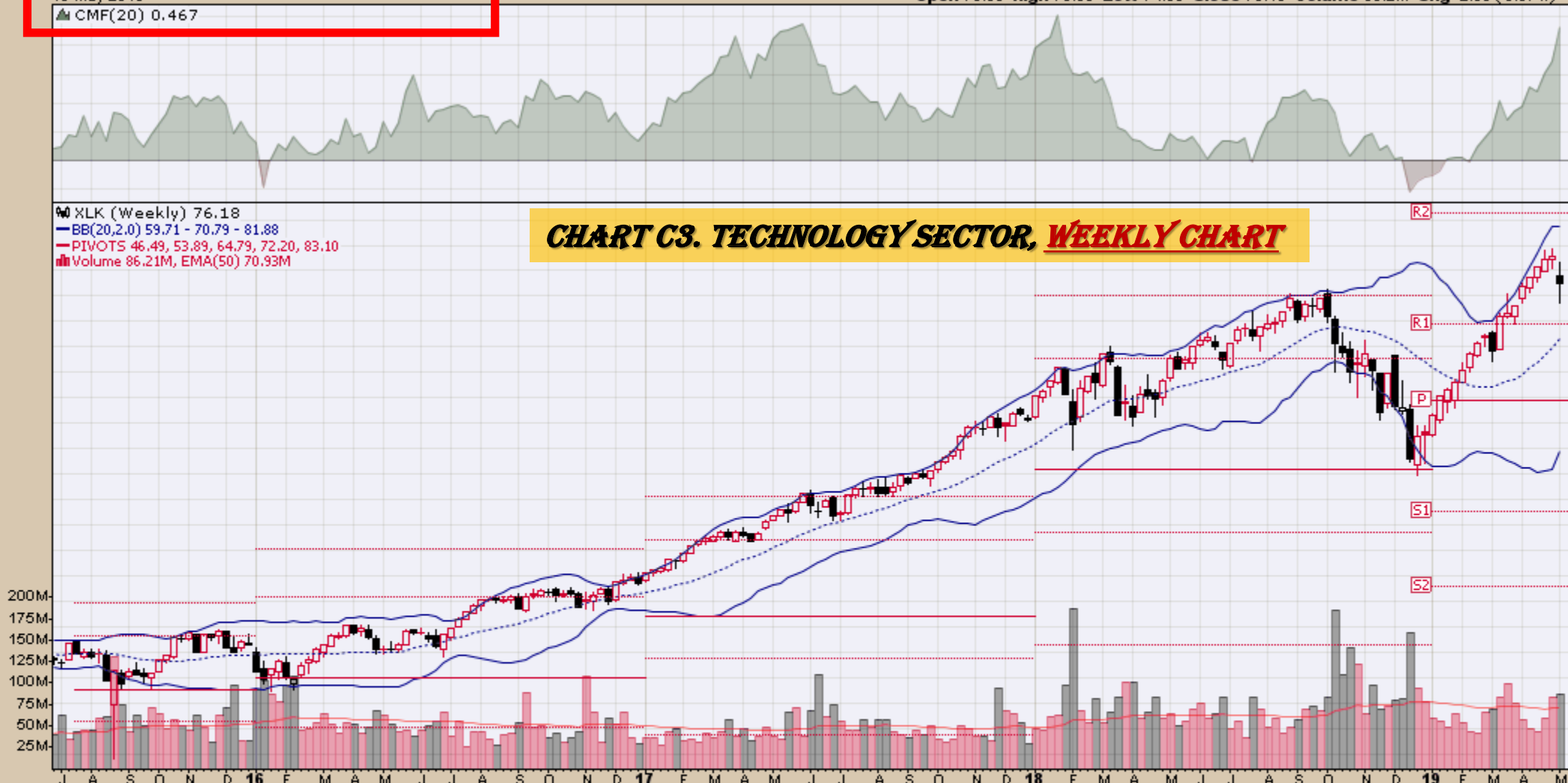
### CHART C3. TECHNOLOGY SECTOR, WEEKLY CHART

XLK (Weekly) 76.18

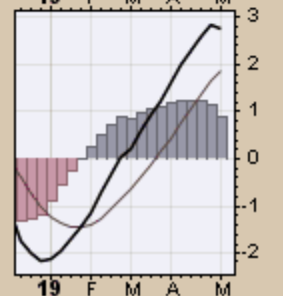
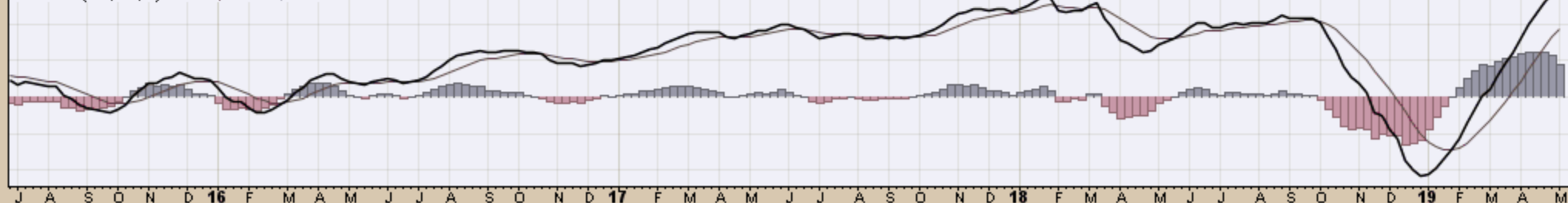
BB(20,2,0) 59.71 - 70.79 - 81.88

PIVOTS 46.49, 53.89, 64.79, 72.20, 83.10

Volume 86.21M, EMA(50) 70.93M



MACD(12,26,9) 2.749, 1.878, 0.872



XLI Industrial Select Sector SPDR Fund NYSE

10-May-2019

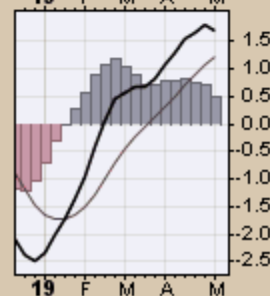
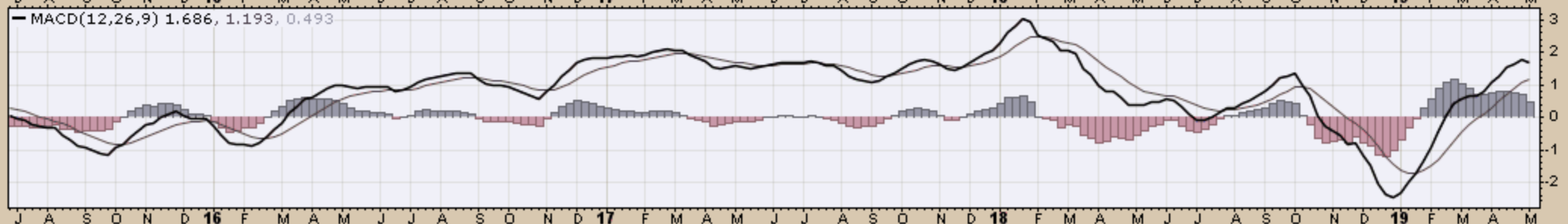
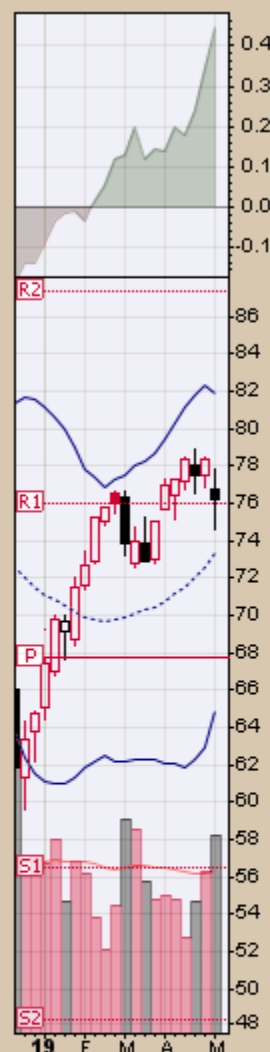
▲ CMF(20) 0.444

Open 76.76 High 77.79 Low 74.59 Close 76.27 Volume 79.1M Chg -2.13 (-2.72%)

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### CHART C4. INDUSTRIAL SECTOR, WEEKLY CHART

XLI (Weekly) 76.27  
BB(20,2,0) 64.83 - 73.34 - 81.85  
PIVOTS 48.31, 56.54, 67.81, 76.04, 87.31  
Volume 79.09M, EMA(50) 64.65M



### CHART C5. MATERIALS SECTOR, WEEKLY CHART

XLB (Weekly) 55.14

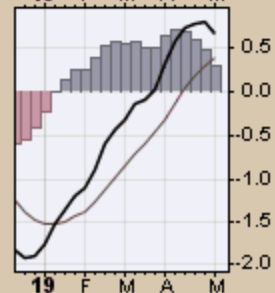
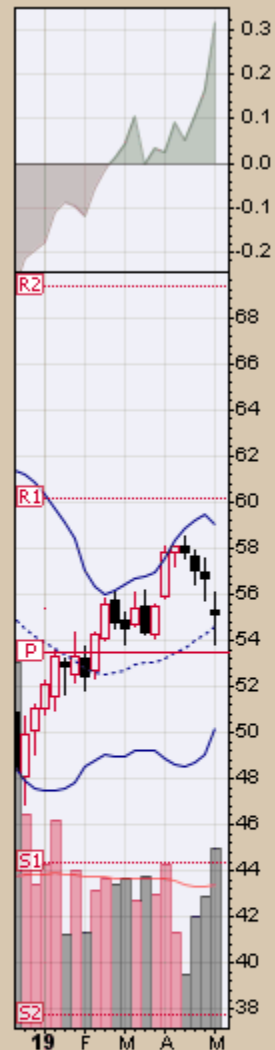
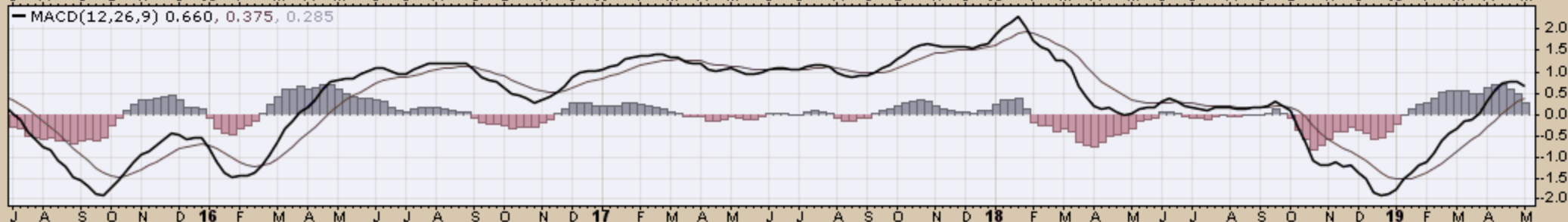
BB(20,2.0) 50.15 - 54.59 - 59.03

PIVOTS 37.72, 44.39, 53.52, 60.19, 69.32

Volume 44.70M, EMA(50) 35.75M



MACD(12,26,9) 0.660, 0.375, 0.285



### CHART C6. ENERGY SECTOR, WEEKLY CHART

XLE (Weekly) 64.05

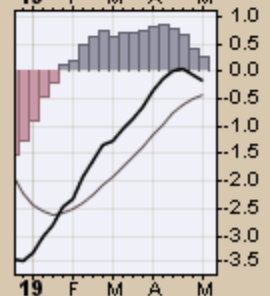
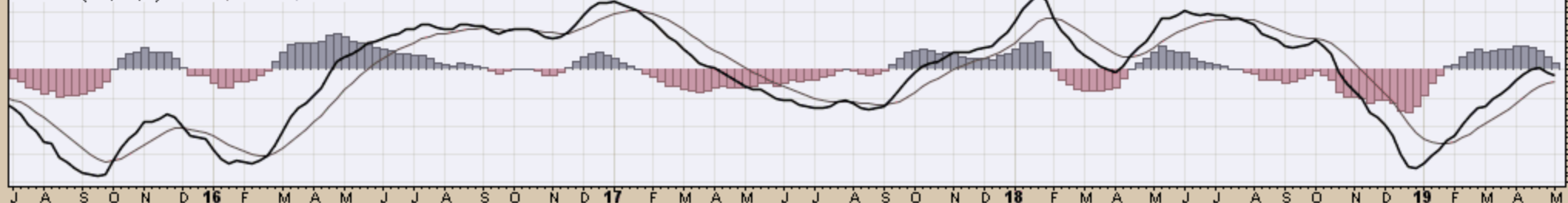
BB(20,2,0) 58.84 - 64.22 - 69.59

PIVOTS 39.04, 49.22, 63.13, 73.31, 87.21

Volume 72.72M, EMA(50) 73.92M



MACD(12,26,9) -0.190, -0.438, 0.248



XLU Utilities Select Sector SPDR Fund NYSE

10-May-2019

▲ CMF(20) 0.451

Open 58.30 High 58.46 Low 56.66 Close 57.96 Volume 96.0M Chg -0.34 (-0.58%)

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### CHART C7. UTILITIES SECTOR, WEEKLY CHART

XLU (Weekly) 57.96

BB(20,2,0) 51.54 - 56.07 - 60.59

PIVOTS 40.54, 46.46, 51.37, 57.29, 62.20

Volume 95.96M, EMA(50) 86.10M

200M  
175M  
150M  
125M  
100M  
75M  
50M  
25M

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

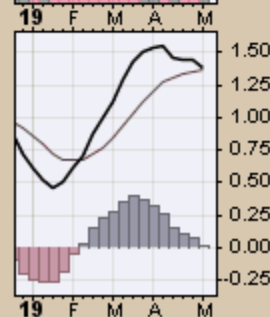
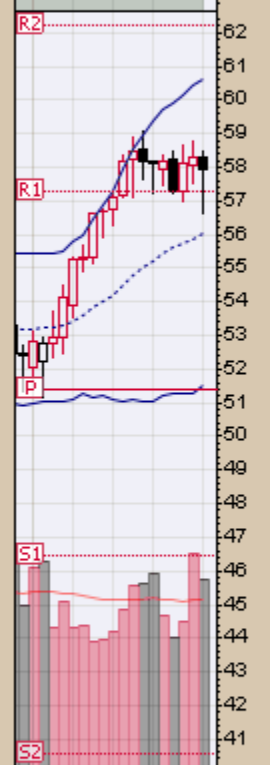
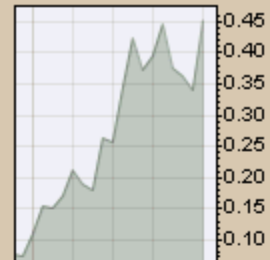
MACD(12,26,9) 1.385, 1.363, 0.022

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

0.4  
0.3  
0.2  
0.1  
0.0  
-0.1

62  
61  
60  
59  
58  
57  
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53  
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49  
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38  
37  
36

1.5  
1.25  
1.0  
0.75  
0.5  
0.25  
0.0  
-0.25



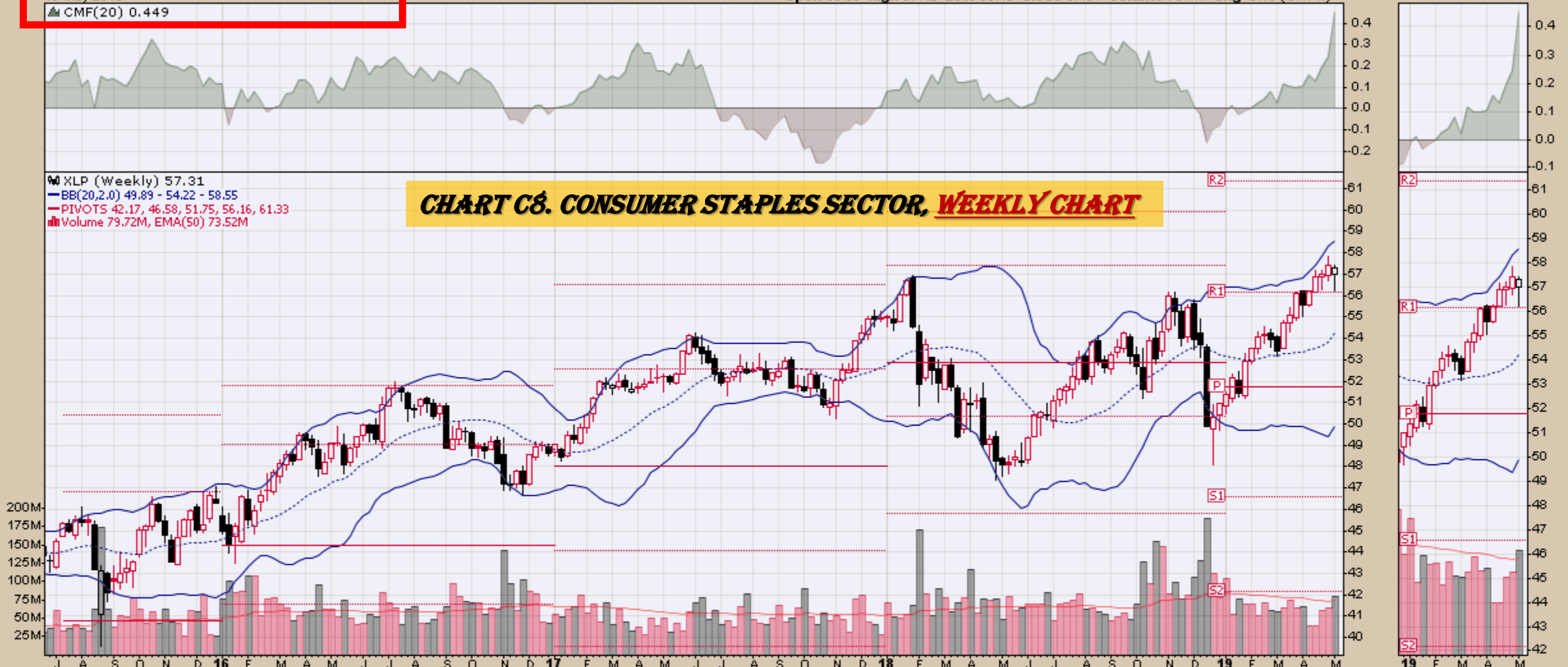
### CHART C8. CONSUMER STAPLES SECTOR, WEEKLY CHART

XLP (Weekly) 57.31

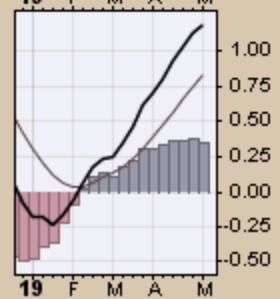
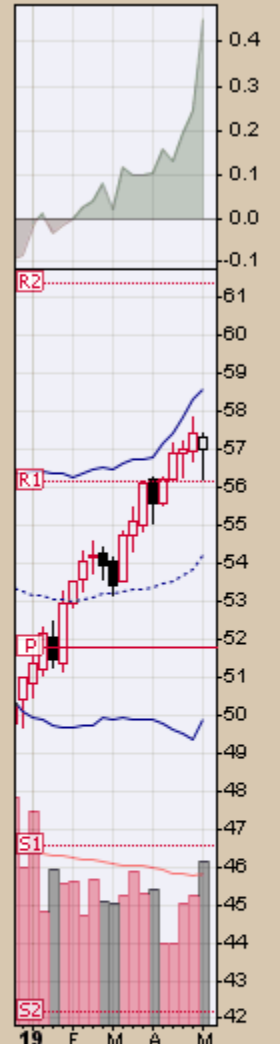
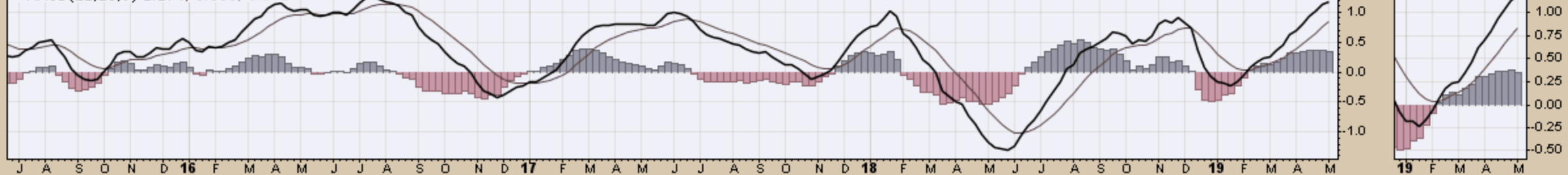
BB(20,2,0) 49.89 - 54.22 - 58.55

PIVOTS 42.17, 46.58, 51.75, 56.16, 61.33

Volume 79.72M, EMA(50) 73.52M



MACD(12,26,9) 1.174, 0.833, 0.342





XLY Consumer Discretionary Select Sector SPDR Fund NYSE

10-May-2019

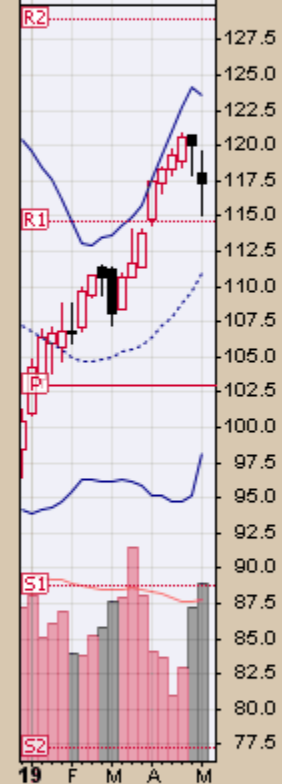
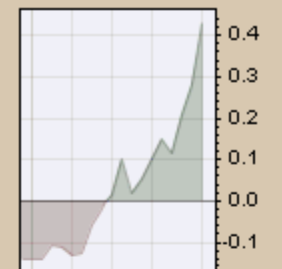
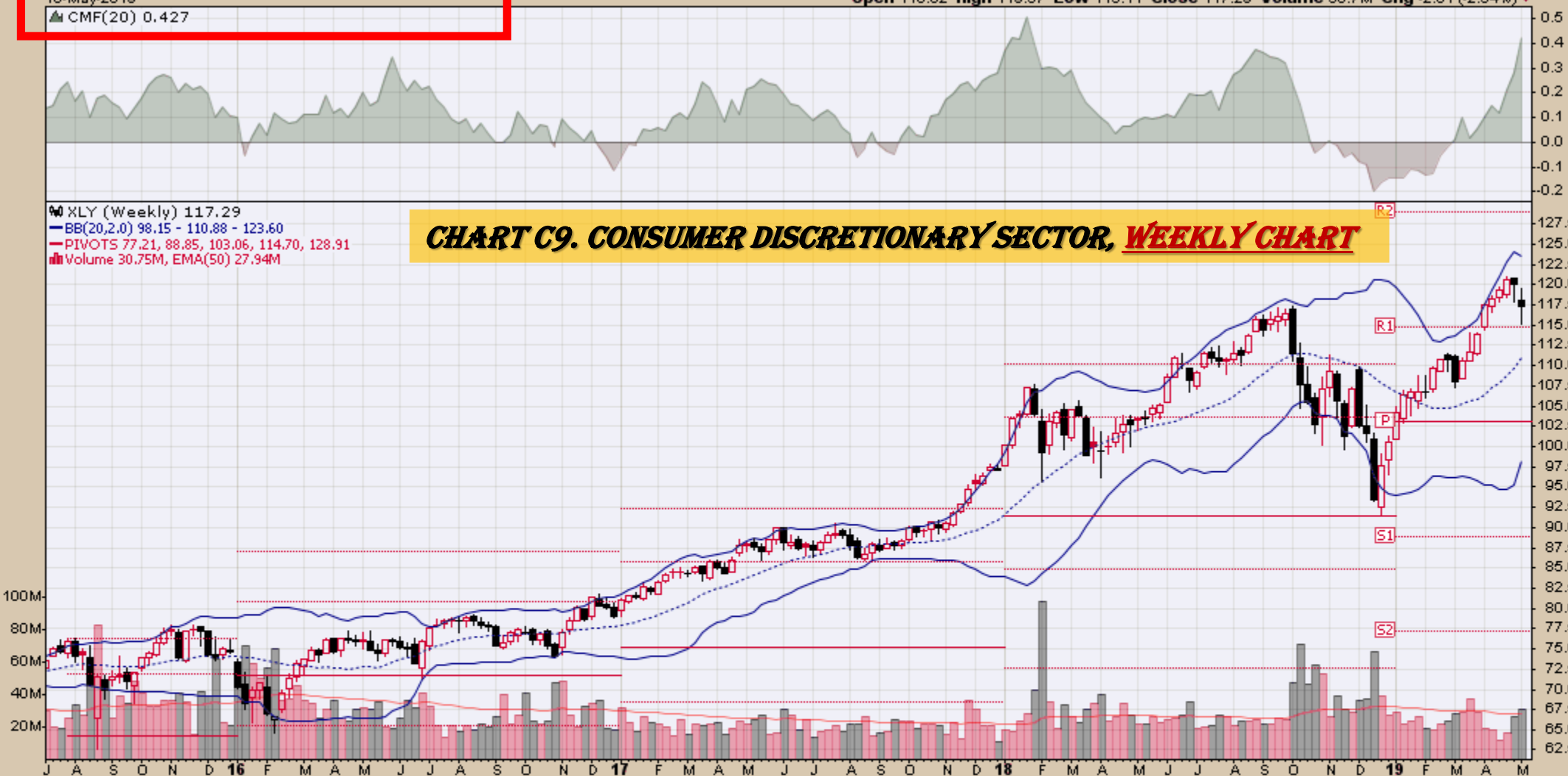
▲ CMF(20) 0.427

Open 118.02 High 119.57 Low 115.11 Close 117.29 Volume 30.7M Chg -2.81 (-2.34%)

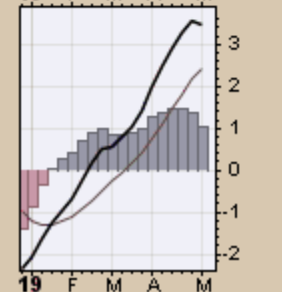
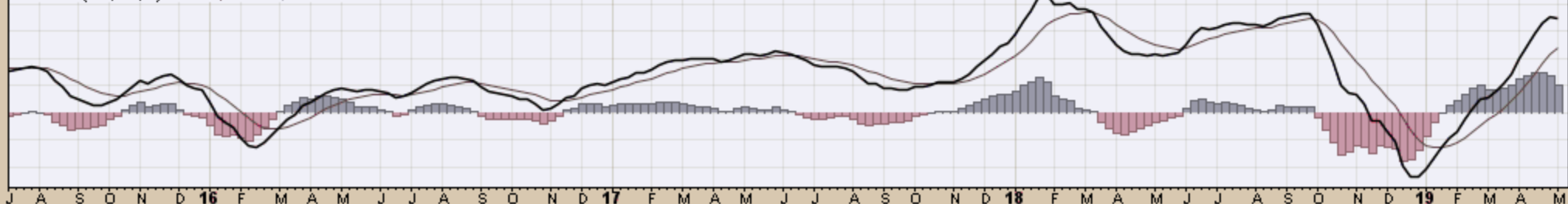
© StockCharts.com

XLY (Weekly) 117.29  
BB(20,2,0) 98.15 - 110.88 - 123.60  
PIVOTS 77.21, 88.85, 103.06, 114.70, 128.91  
Volume 30.75M, EMA(50) 27.94M

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



MACD(12,26,9) 3.463, 2.419, 1.044





# *Commodity ETFs*

# Commodity ETFs Book Index

## Market Outlook Considerations for Week Beginning May 13, 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

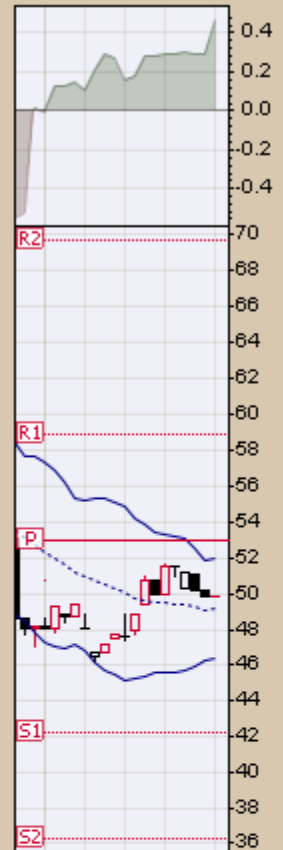
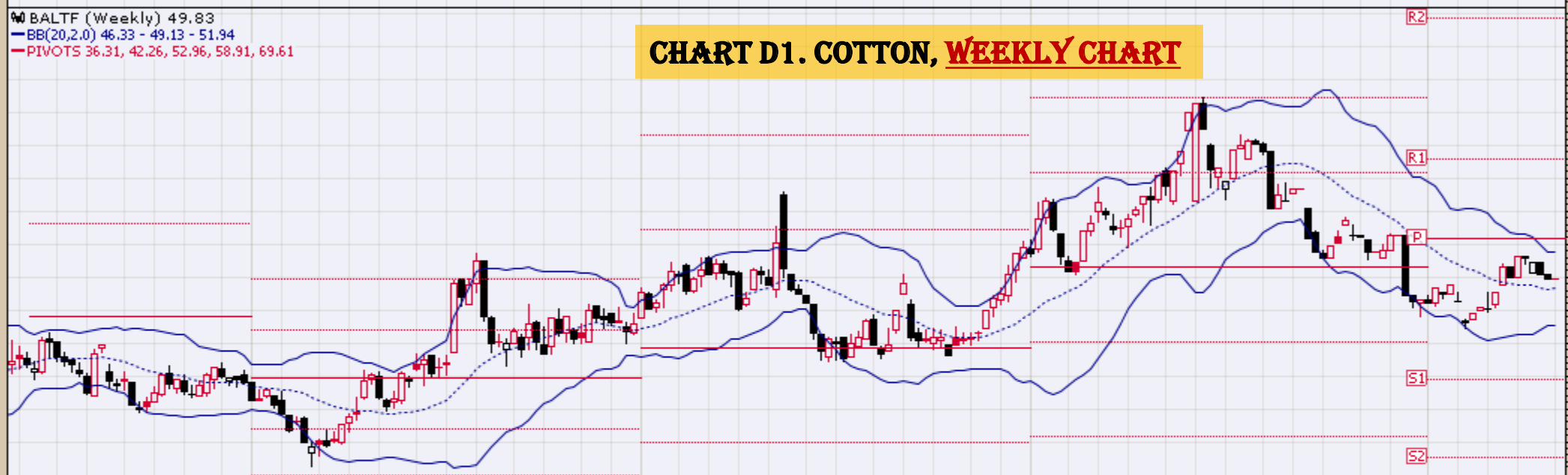
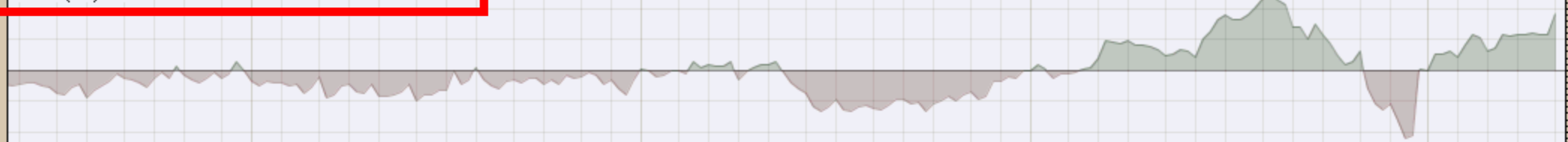
## Commodity ETFs Book Index

### Market Outlook Considerations for Week Beginning May 13, 2019

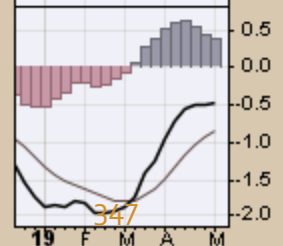
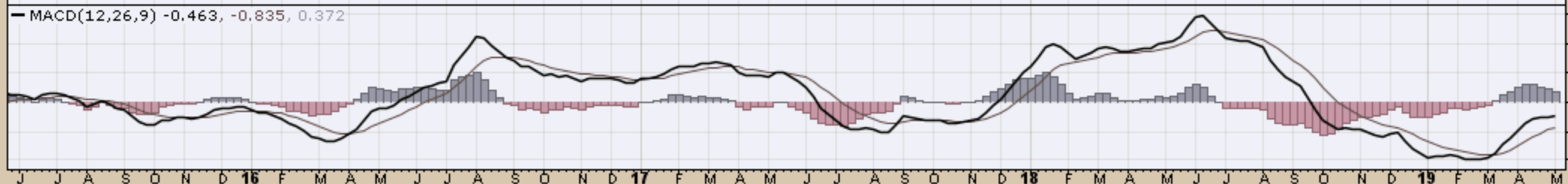
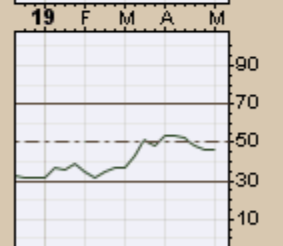
#### Chart Book Index – Commodity ETFs

- 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

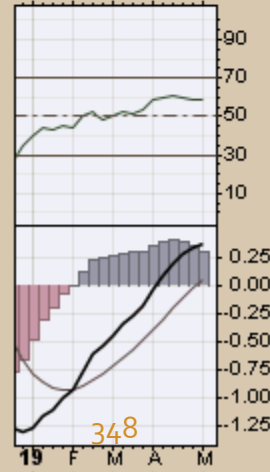
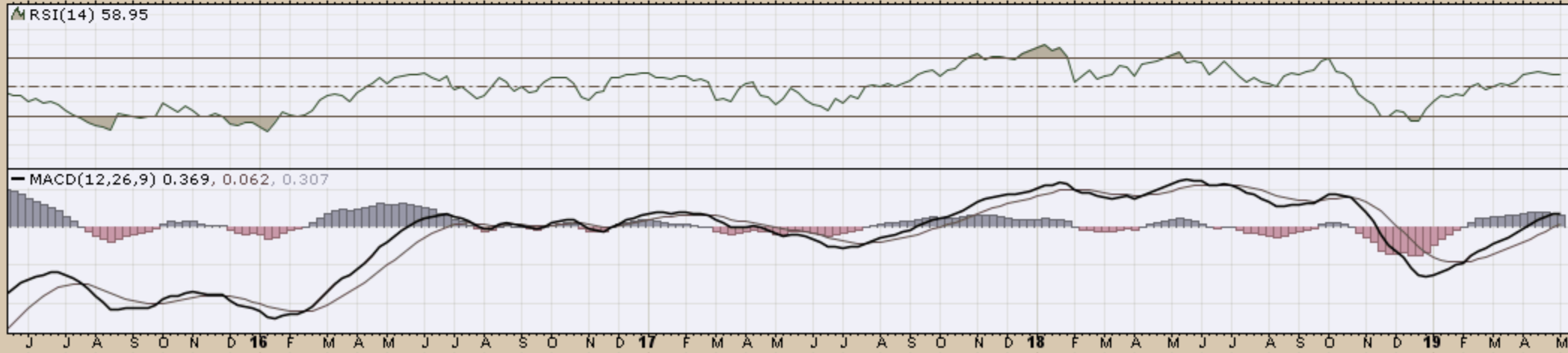
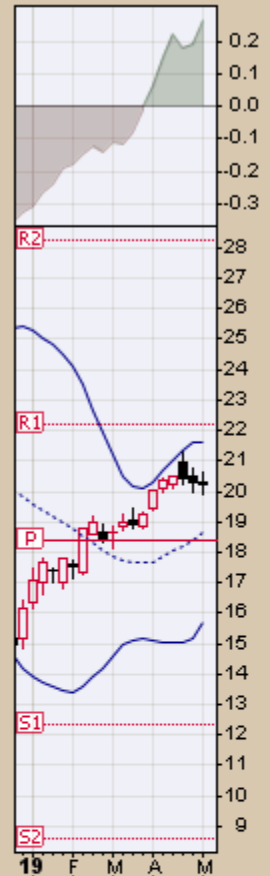
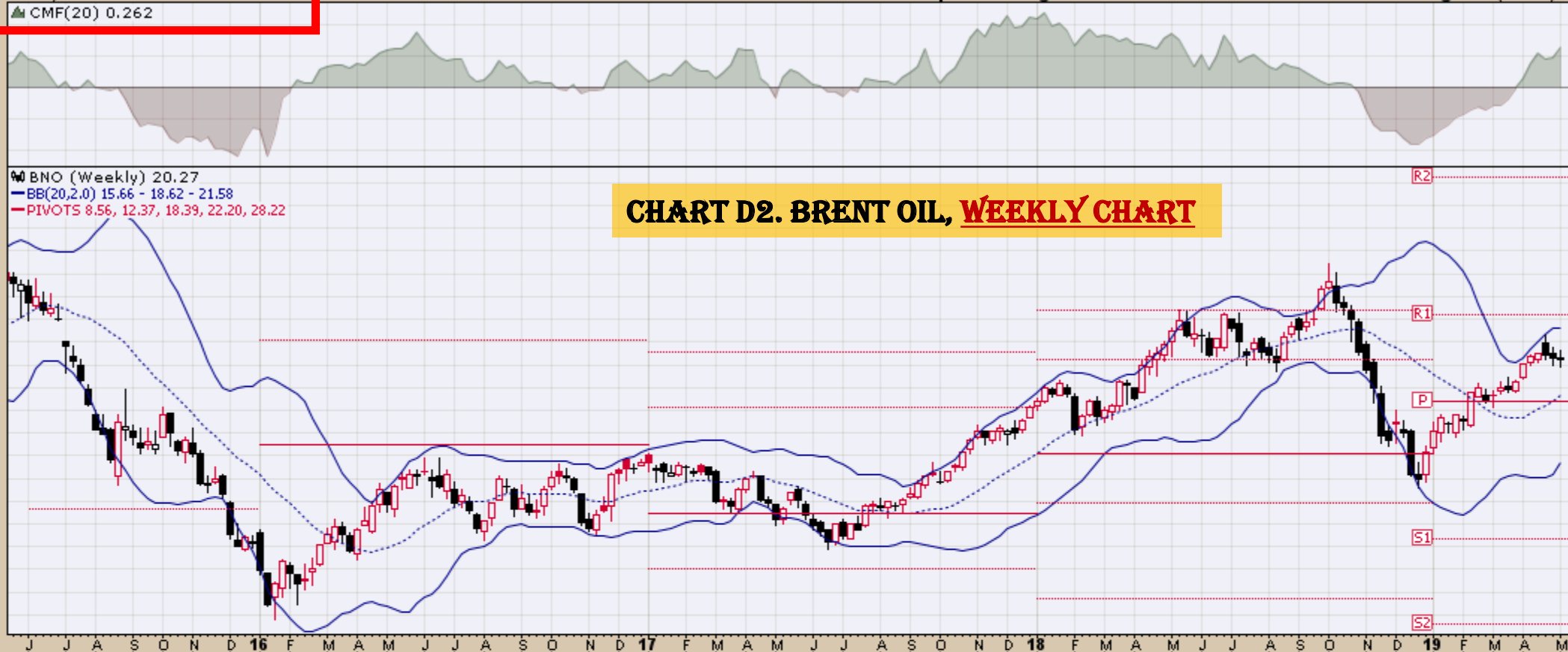
Continued Next Slide

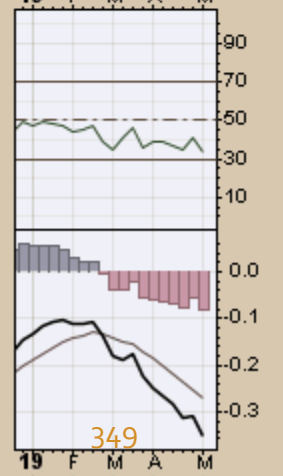
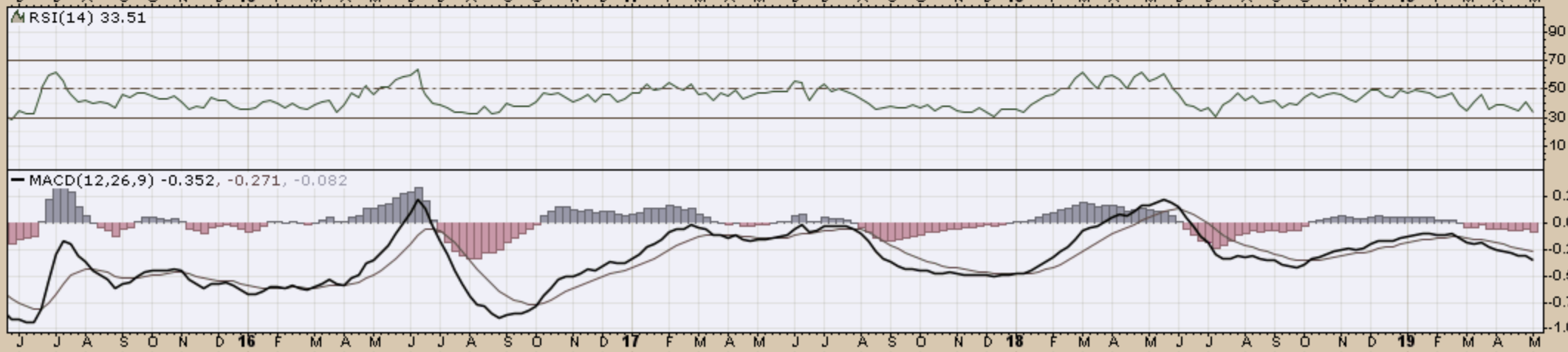
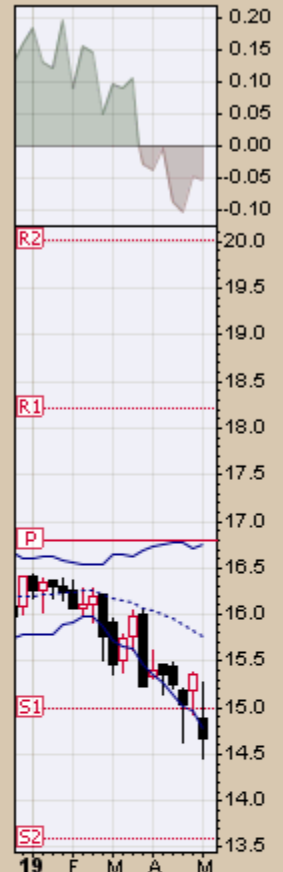


J J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A M



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 M





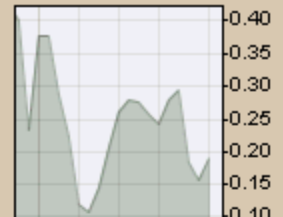
10-May-2019

Open 23.77 High 23.81 Low 23.06 Close 23.50 Volume 1,446 Chg -0.57 (-2.37%)

▲ CMF(20) 0.191

▲ COWTF (Weekly) 23.50  
— BB(20,2,0) 21.61 - 23.70 - 25.79  
— PIVOTS 17.67, 20.26, 22.21, 24.80, 26.75

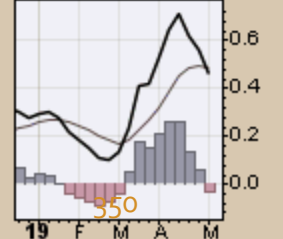
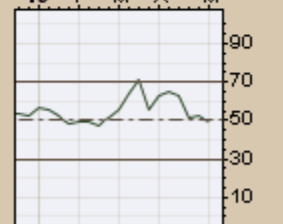
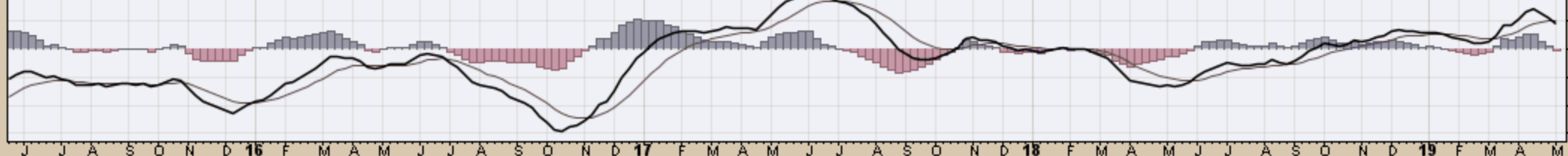
### CHART D4. LIVESTOCK, WEEKLY CHART

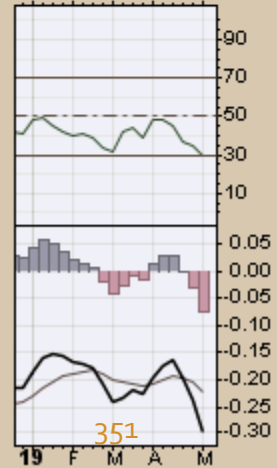
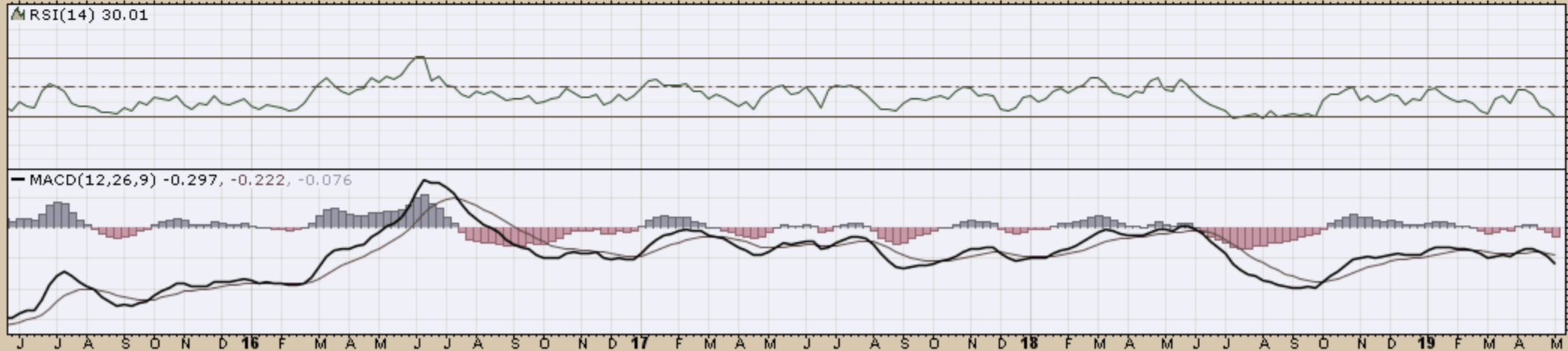
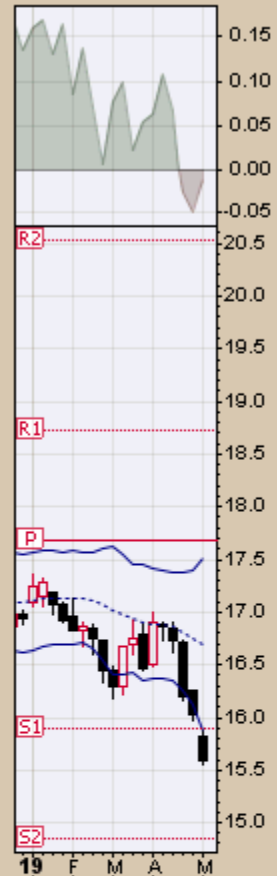
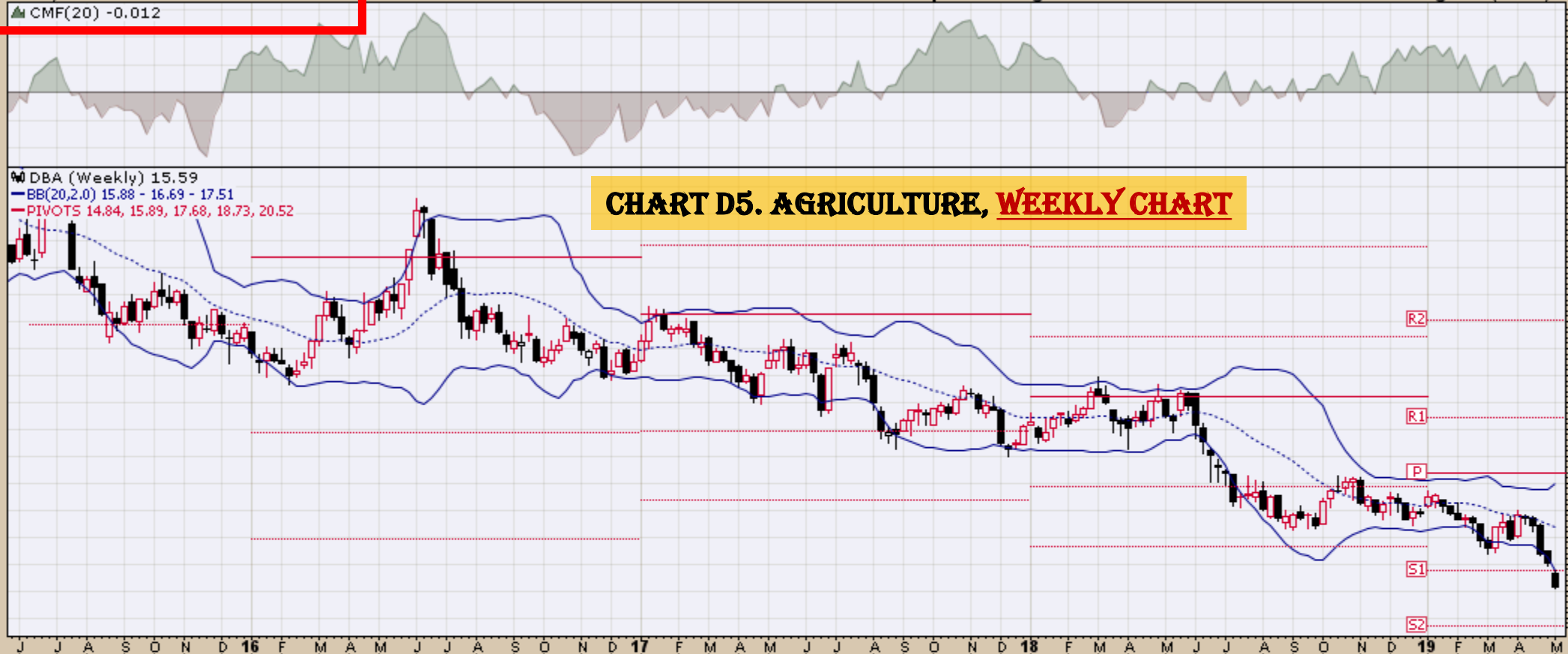


▲ RSI(14) 49.09



— MACD(12,26,9) 0.458, 0.491, -0.033

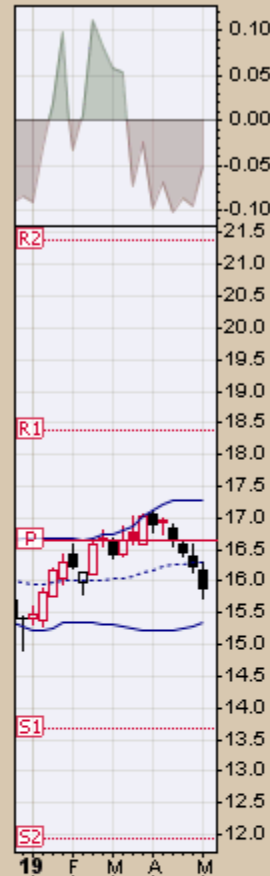




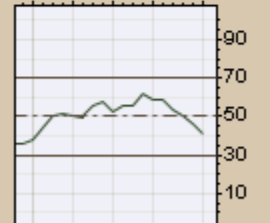
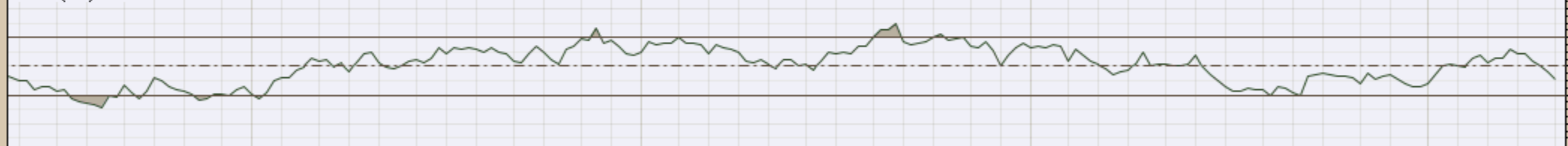


DBB (Weekly) 15.90  
BB(20,2,0) 15.34 - 16.31 - 17.27  
PIVOTS 11.92, 13.66, 16.65, 18.39, 21.37

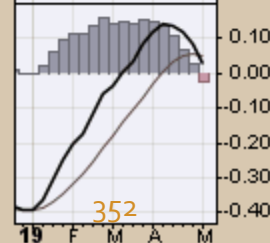
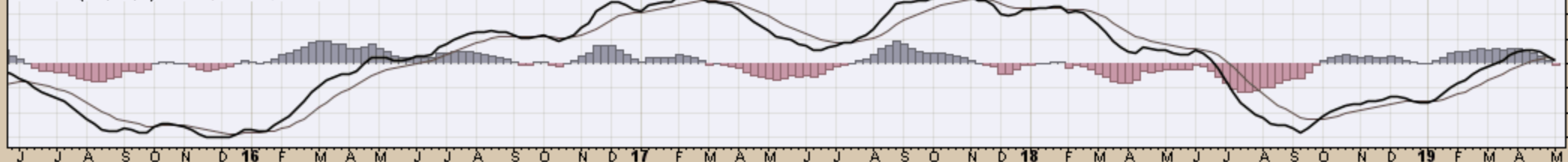
### CHART D6. BASE METALS, WEEKLY CHART



▲ RSI(14) 41.15



MACD(12,26,9) 0.025, 0.048, -0.023



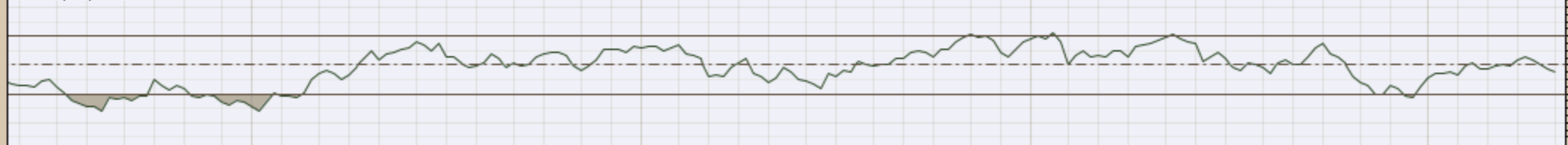
▲ CMF(20) 0.294

▲ DBC (Weekly) 15.69  
— BB(20,2,0) 14.85 - 15.72 - 16.60  
— PIVOTS 11.77, 13.31, 15.86, 17.40, 19.95

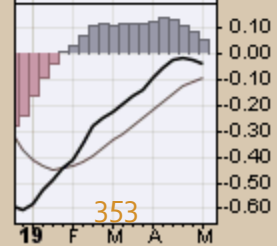
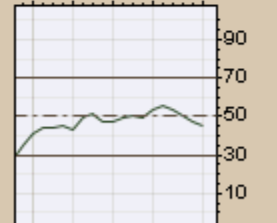
### CHART D7. COMMODITY INDEX, WEEKLY CHART



▲ RSI(14) 44.86

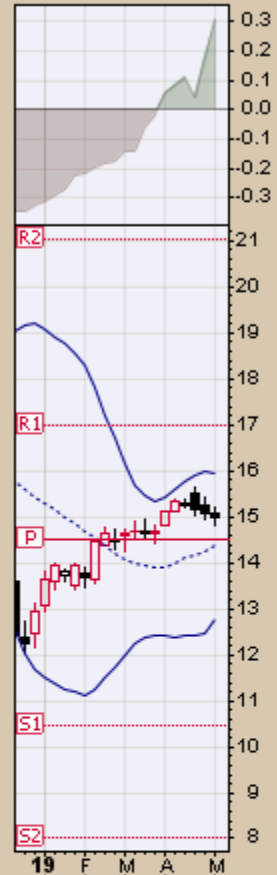
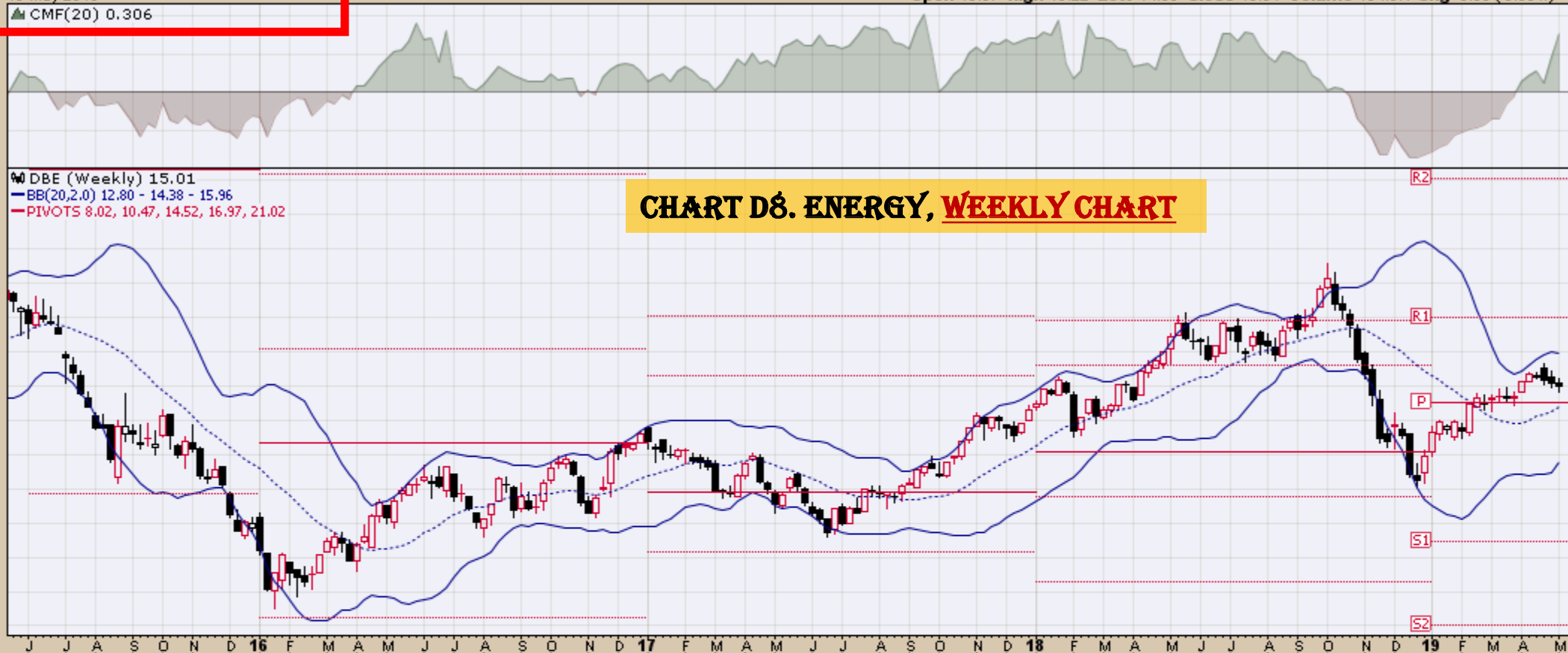


— MACD(12,26,9) -0.043, -0.093, 0.050

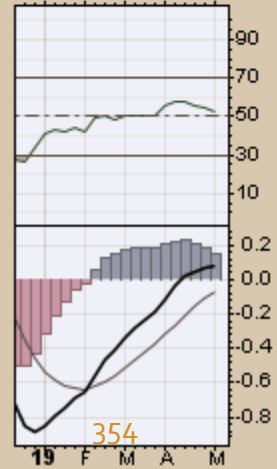
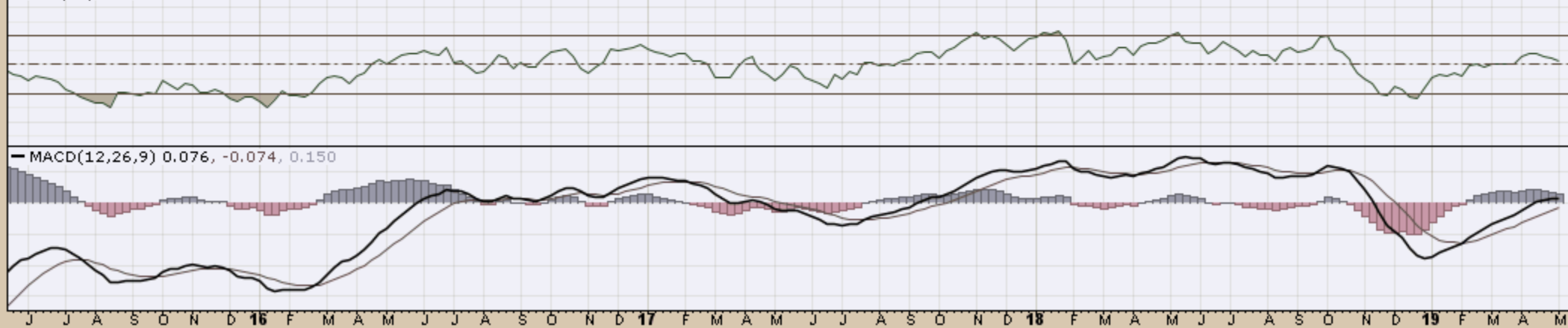


### CHART D8. ENERGY, WEEKLY CHART

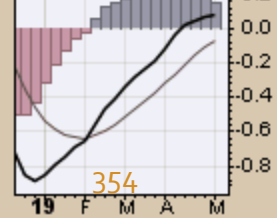
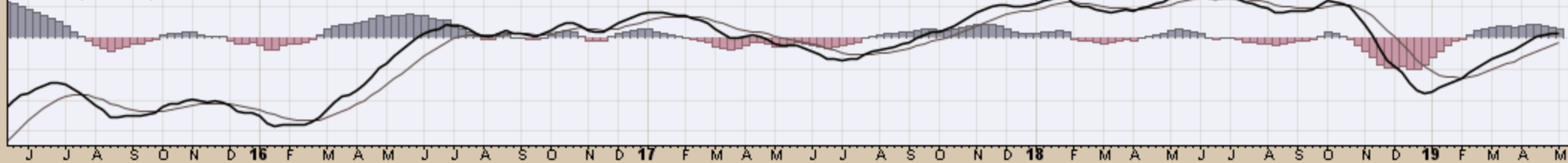
DBE (Weekly) 15.01  
BB(20,2,0) 12.80 - 14.38 - 15.96  
PIVOTS 8.02, 10.47, 14.52, 16.97, 21.02



▲ RSI(14) 53.02

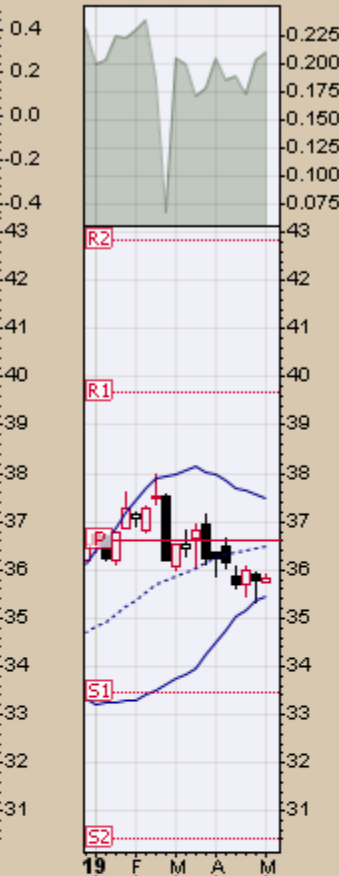
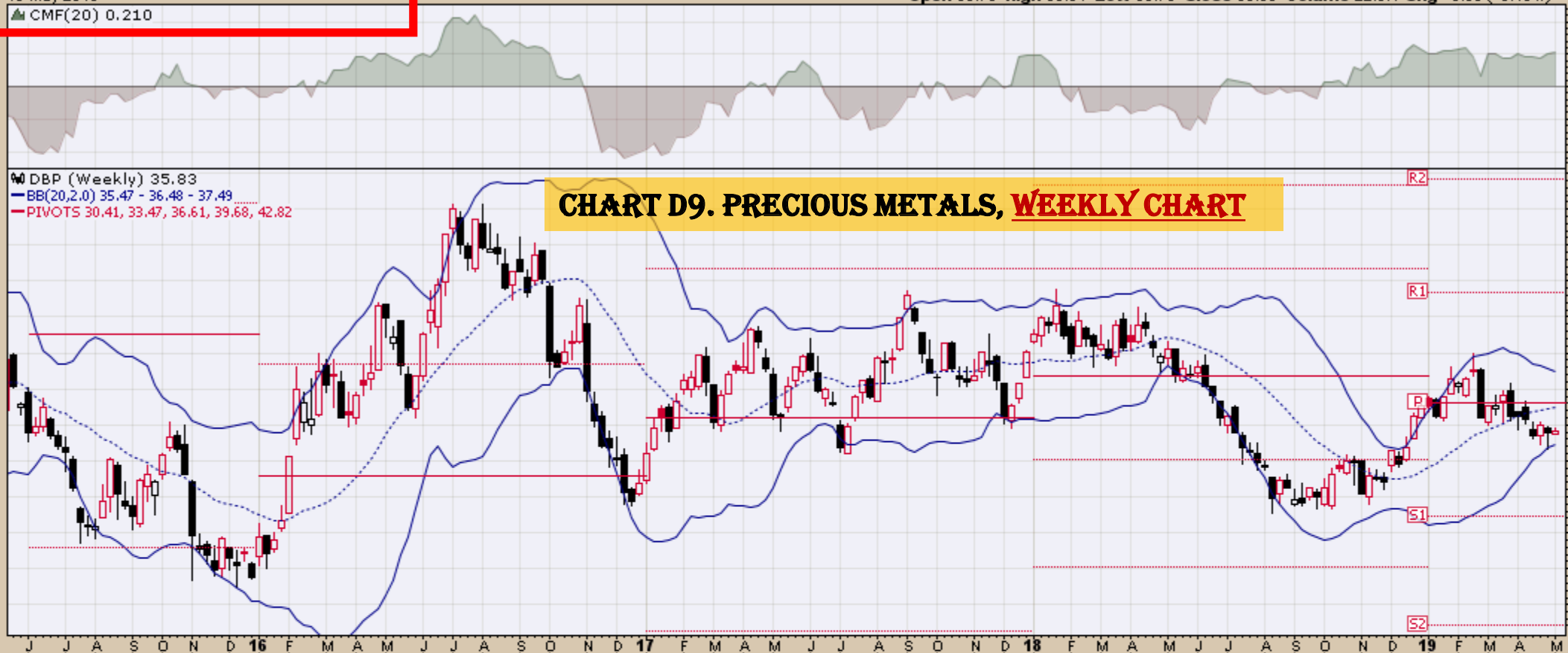


MACD(12,26,9) 0.076, -0.074, 0.150

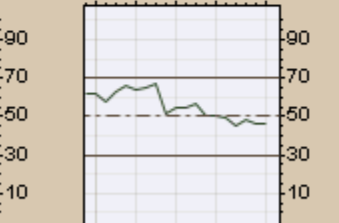
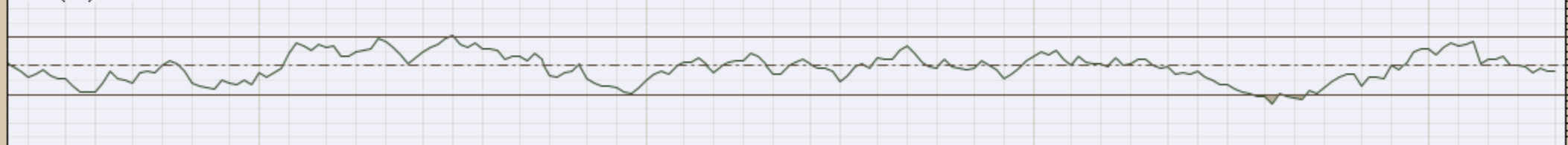


DBP (Weekly) 35.83  
BB(20,2,0) 35.47 - 36.48 - 37.49  
PIVOTS 30.41, 33.47, 36.61, 39.68, 42.82

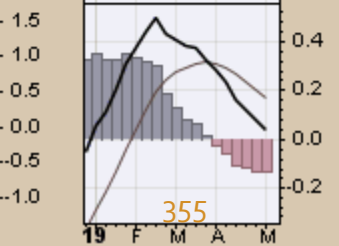
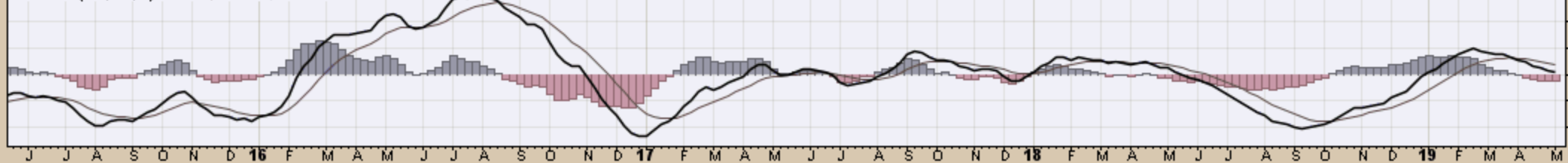
CHART D9. PRECIOUS METALS, WEEKLY CHART



RSI(14) 46.82

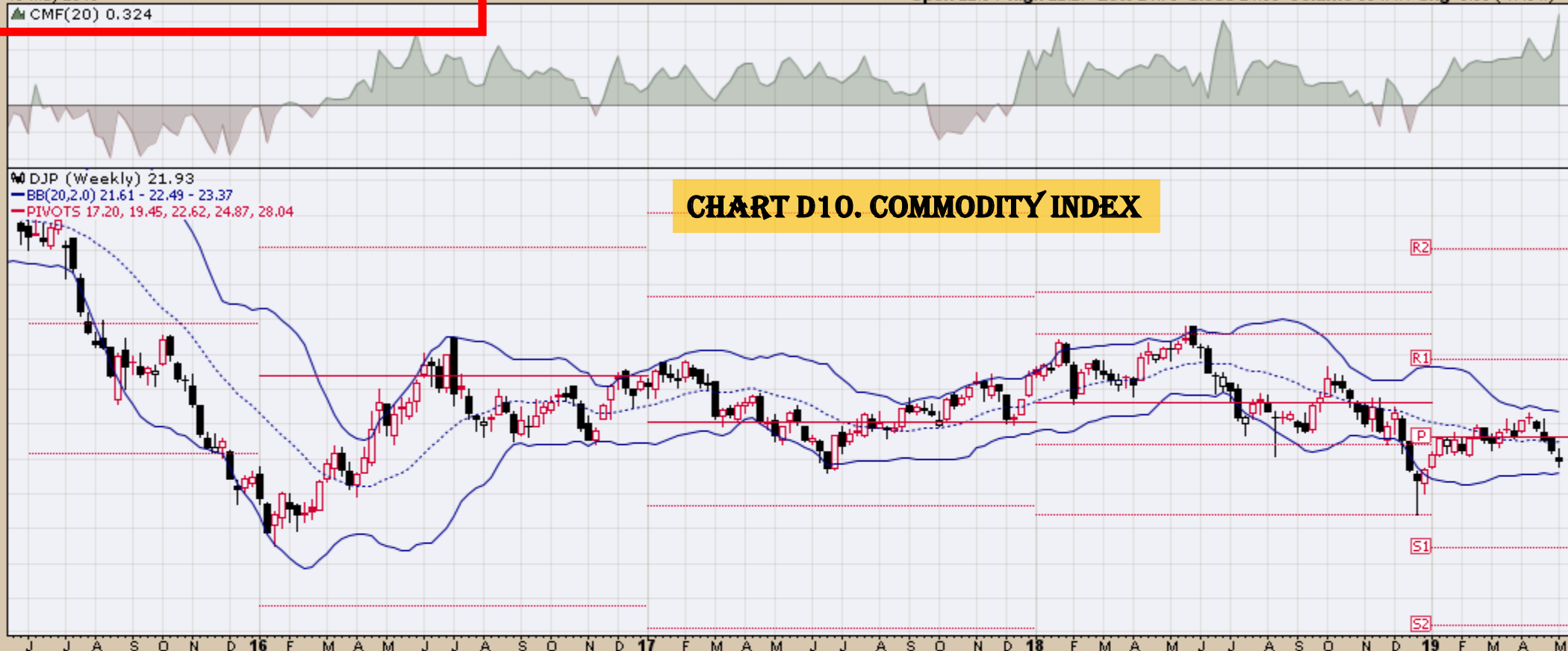


MACD(12,26,9) 0.043, 0.174, -0.131

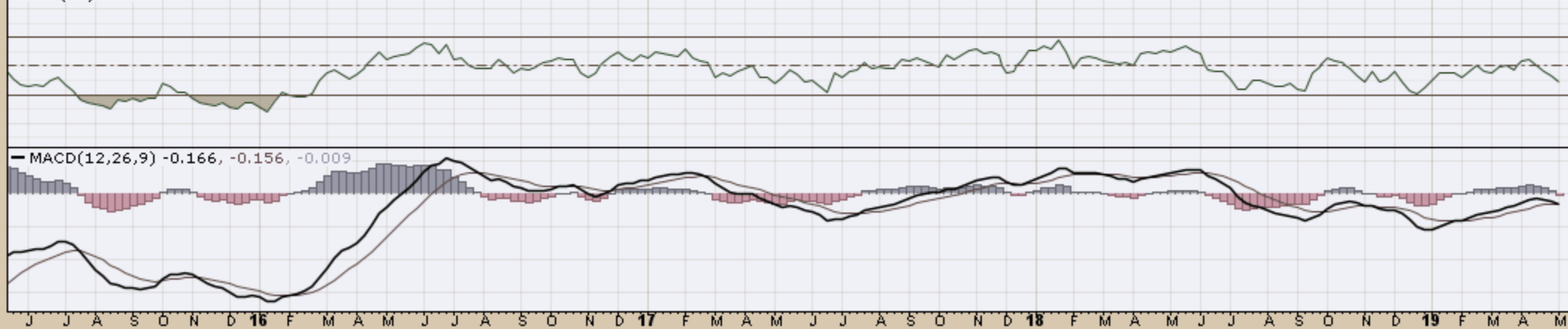


### CHART D10. COMMODITY INDEX

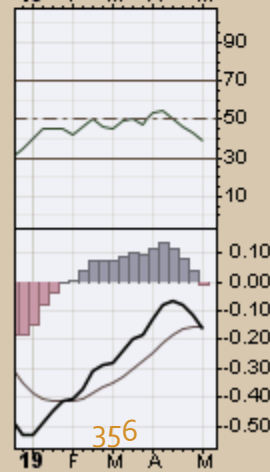
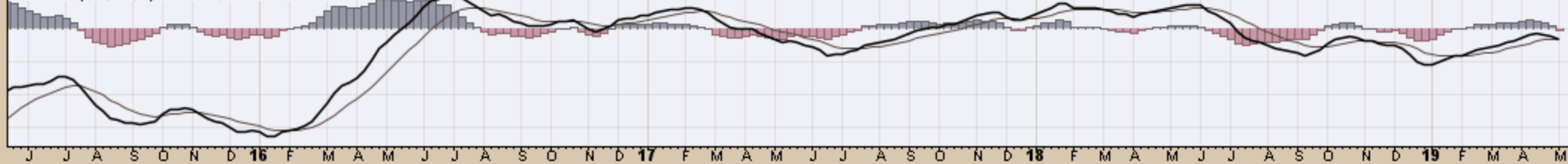
DJP (Weekly) 21.93  
BB(20,2,0) 21.61 - 22.49 - 23.37  
PIVOTS 17.20, 19.45, 22.62, 24.87, 28.04



▲ RSI(14) 39.34



MACD(12,26,9) -0.166, -0.156, -0.009



GLD SPDR Gold Shares NYSE

10-May-2019

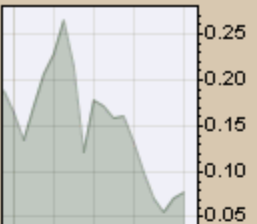
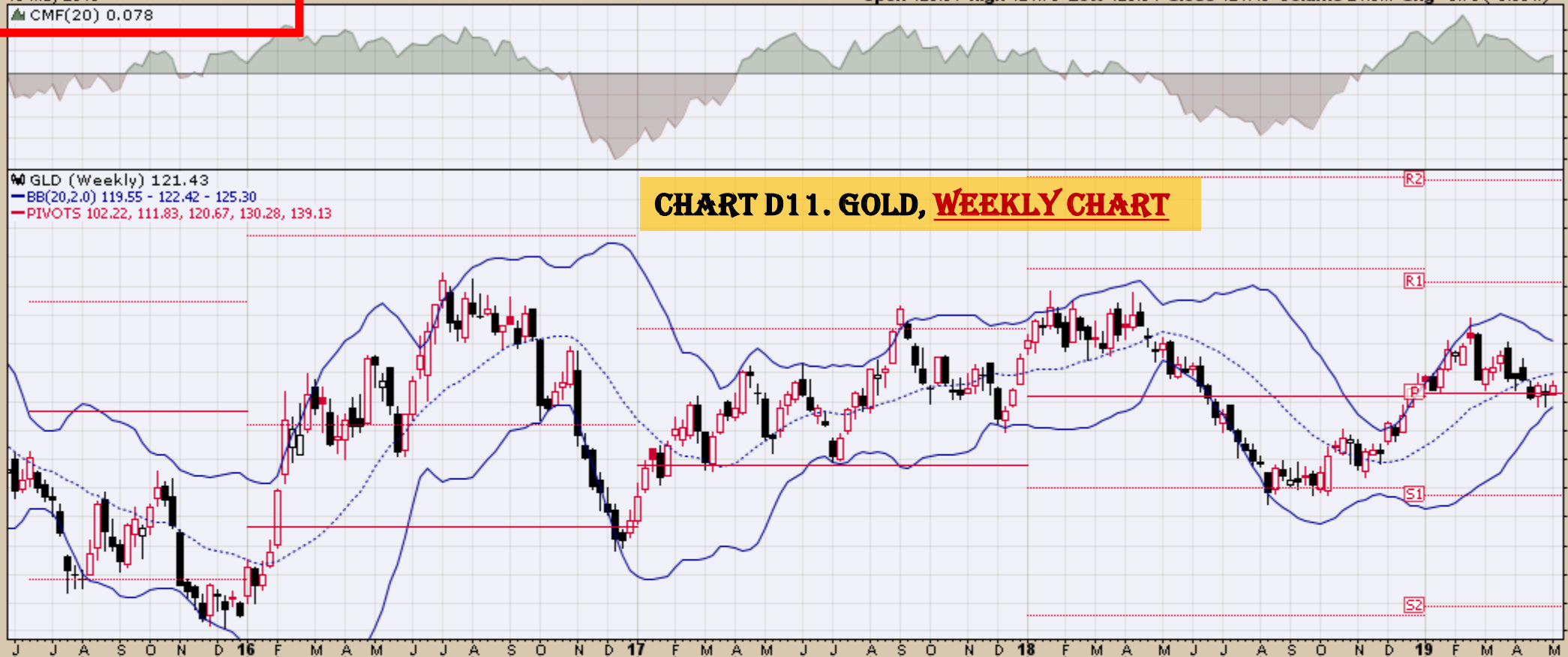
▲ CMF(20) 0.078

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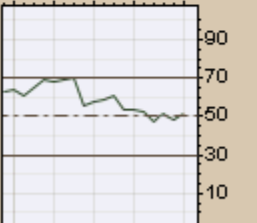
Open 120.61 High 121.73 Low 120.54 Close 121.43 Volume 21.3M Chg +0.78 (+0.65%) ▲

▲ GLD (Weekly) 121.43  
— BB(20,2,0) 119.55 - 122.42 - 125.30  
— PIVOTS 102.22, 111.83, 120.67, 130.28, 139.13

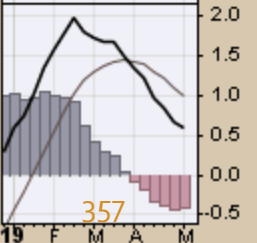
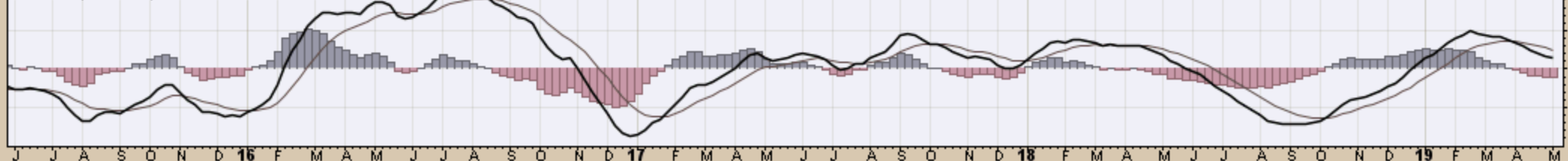
### CHART D11. GOLD, WEEKLY CHART



▲ RSI(14) 51.59

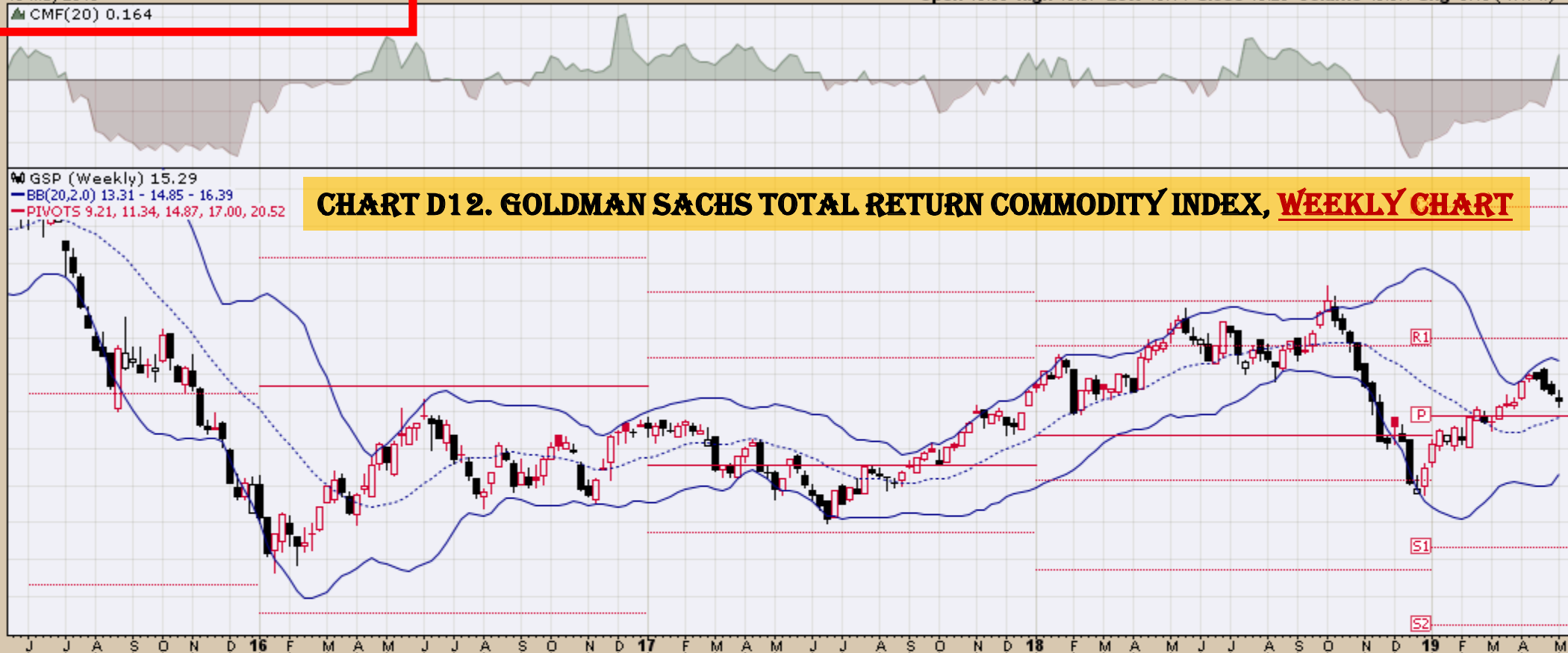


— MACD(12,26,9) 0.613, 1.010, -0.397

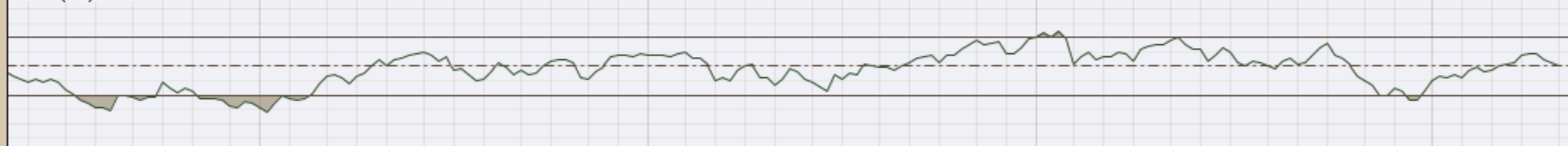


# CHART D12. GOLDMAN SACHS TOTAL RETURN COMMODITY INDEX, WEEKLY CHART

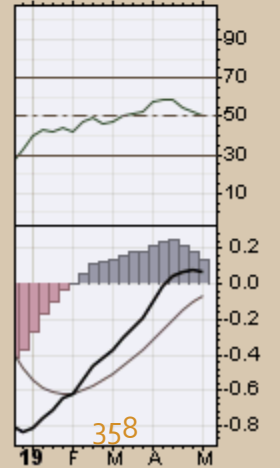
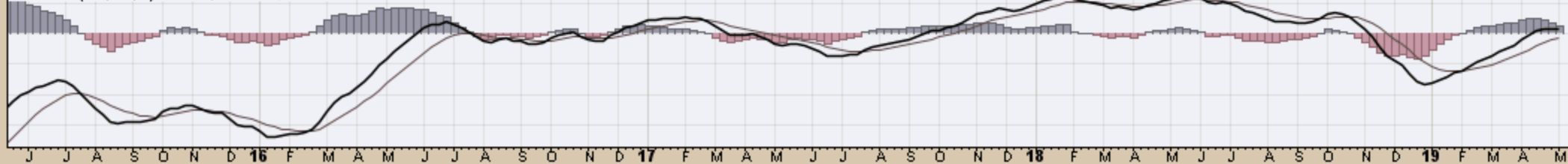
W GSP (Weekly) 15.29  
— BB(20,2,0) 13.31 - 14.85 - 16.39  
— PIVOTS 9.21, 11.34, 14.87, 17.00, 20.52



▲ RSI(14) 50.33



— MACD(12,26,9) 0.070, -0.064, 0.135

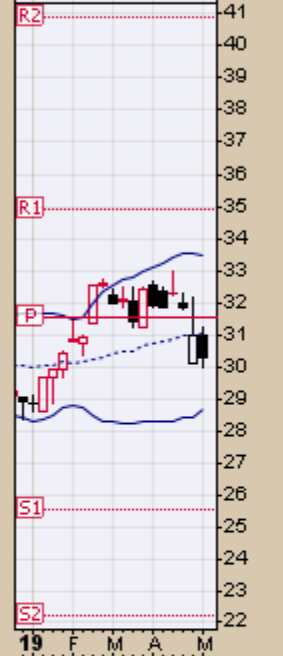
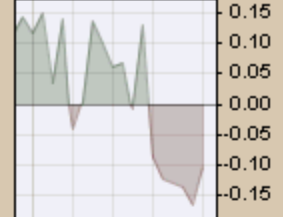
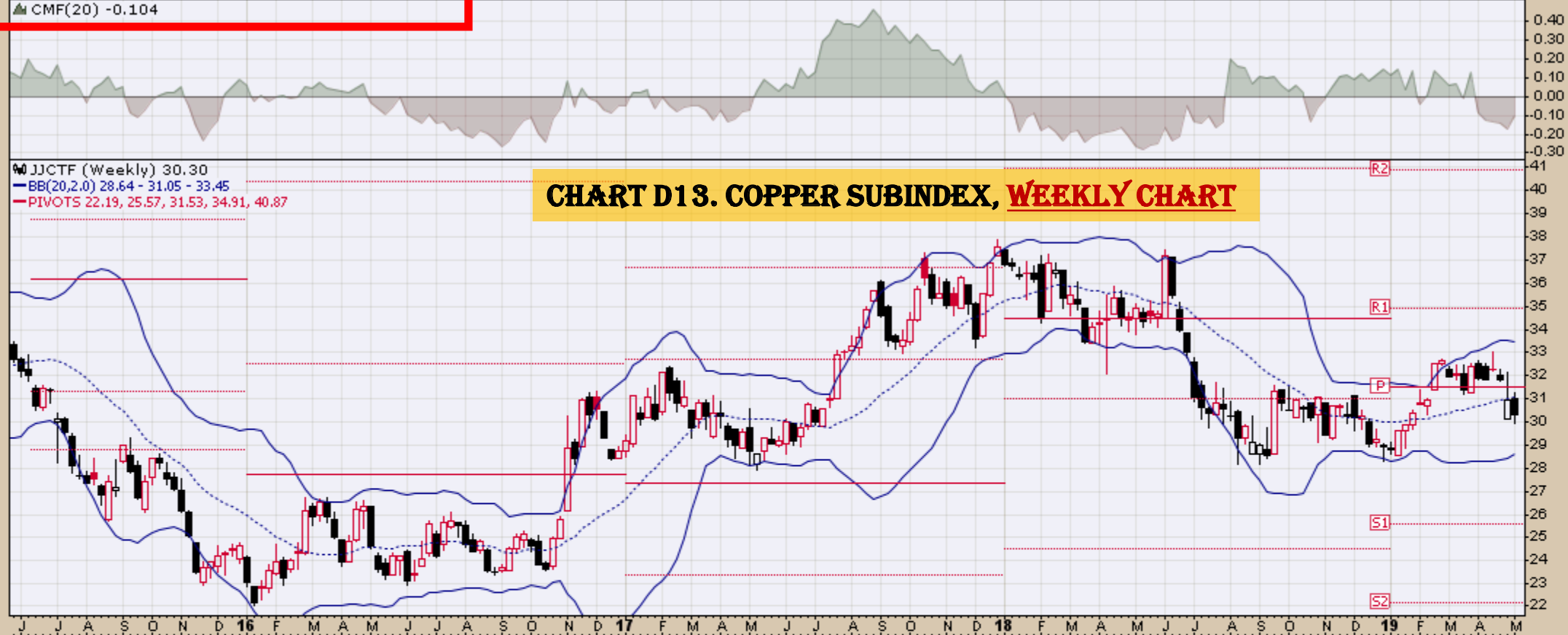




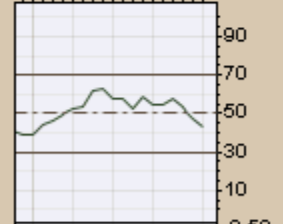
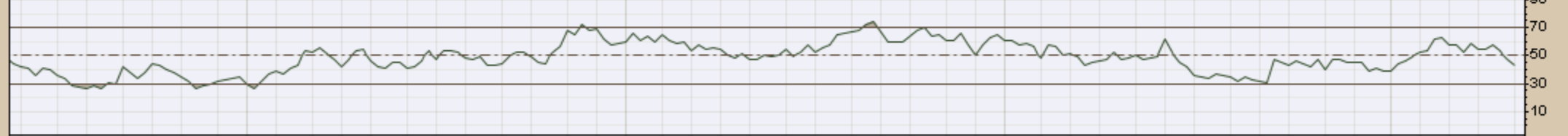
▲ CMF(20) -0.104

▲ JJCTF (Weekly) 30.30  
— BB(20,2,0) 28.64 - 31.05 - 33.45  
— PIVOTS 22.19, 25.57, 31.53, 34.91, 40.87

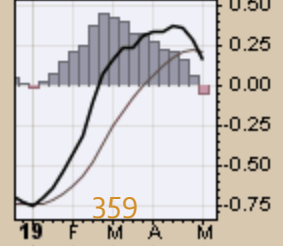
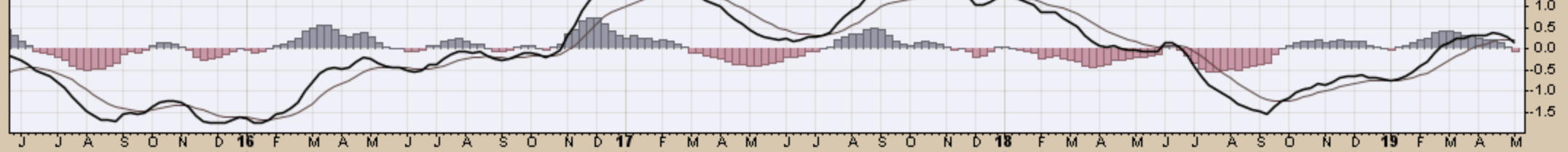
### CHART D13. COPPER SUBINDEX, WEEKLY CHART



▲ RSI(14) 43.68



— MACD(12,26,9) 0.156, 0.209, -0.052





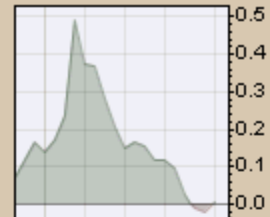
10-May-2019

Open 20.25 High 20.25 Low 19.19 Close 19.27 Volume 13.0K Chg -1.03 (-5.07%)

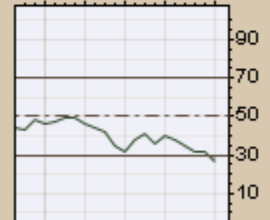
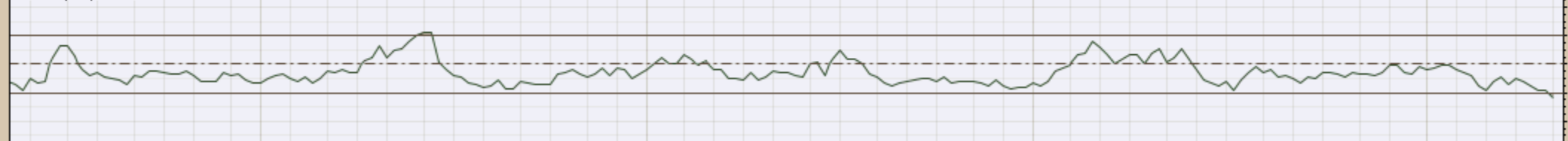
▲ CMF(20) 0.004

▼ JJGTF (Weekly) 19.27  
— BB(20,2,0) 19.64 - 21.96 - 24.29  
— PIVOTS 18.11, 20.69, 24.42, 27.00, 30.73

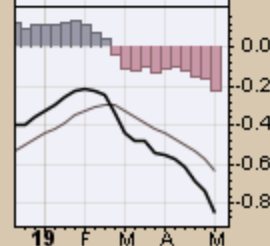
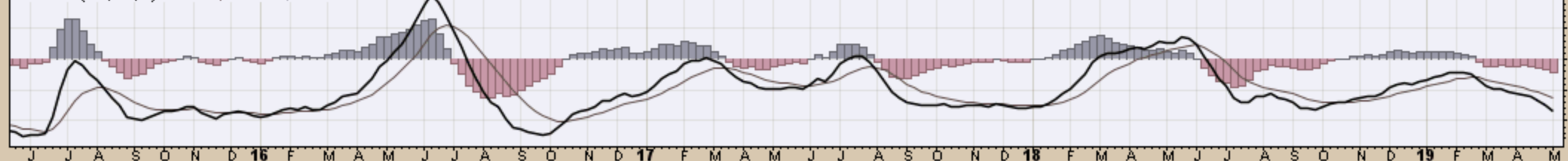
### CHART D14. GRAINS, WEEKLY CHART



▲ RSI(14) 26.23

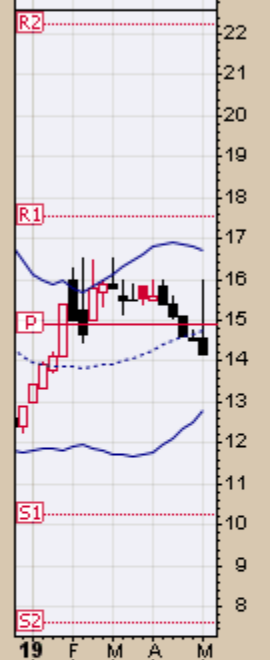
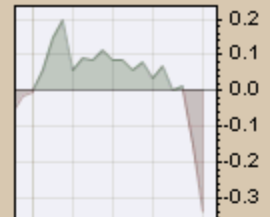


— MACD(12,26,9) -0.851, -0.629, -0.223

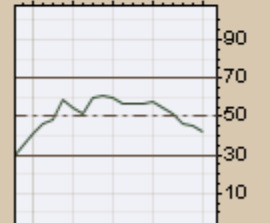
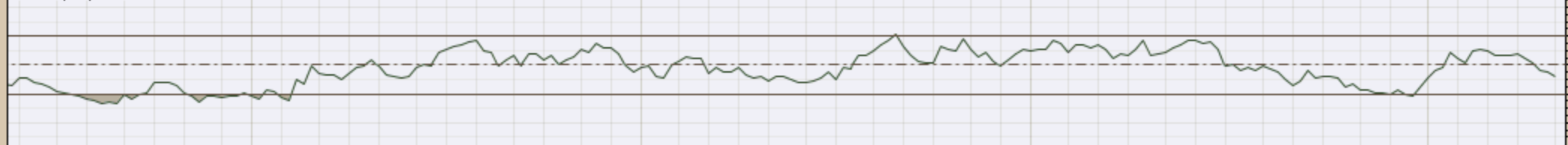


▲ JJNTF (Weekly) 14.17  
— BB(20,2,0) 12.81 - 14.76 - 16.71  
— PIVOTS 7.59, 10.25, 14.90, 17.56, 22.21

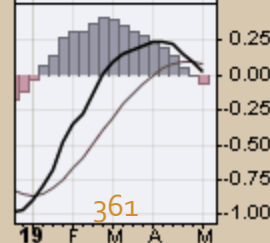
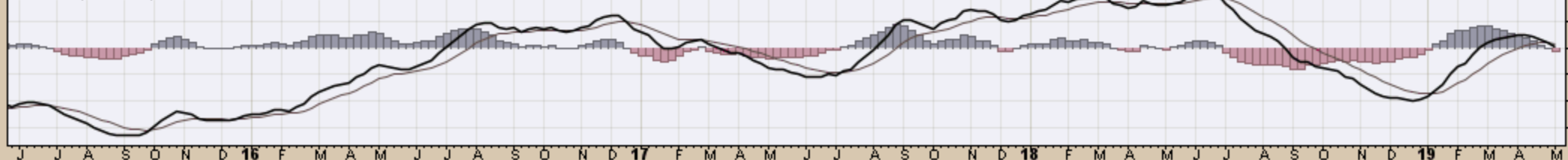
### CHART D15. NICKEL, WEEKLY CHART



▲ RSI(14) 42.12



— MACD(12,26,9) 0.021, 0.080, -0.059



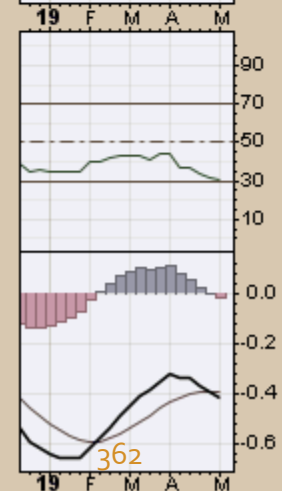
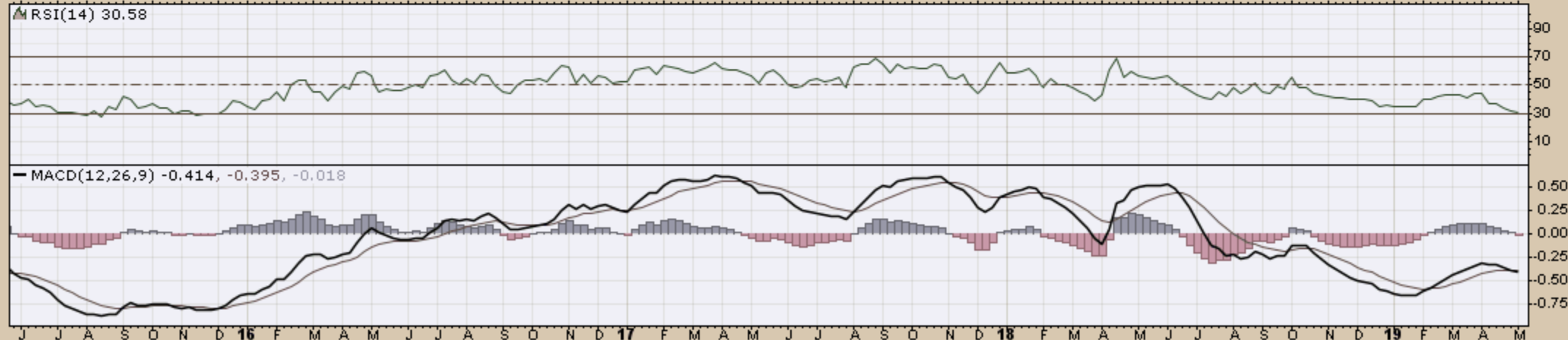
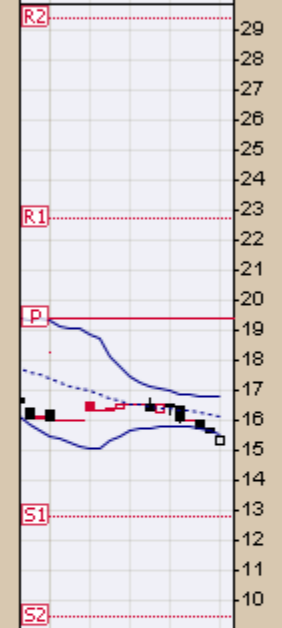
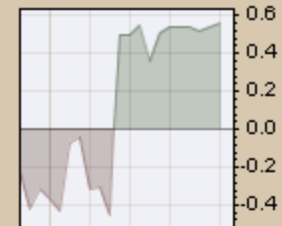
10-May-2019

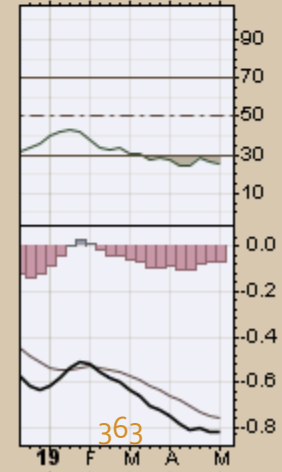
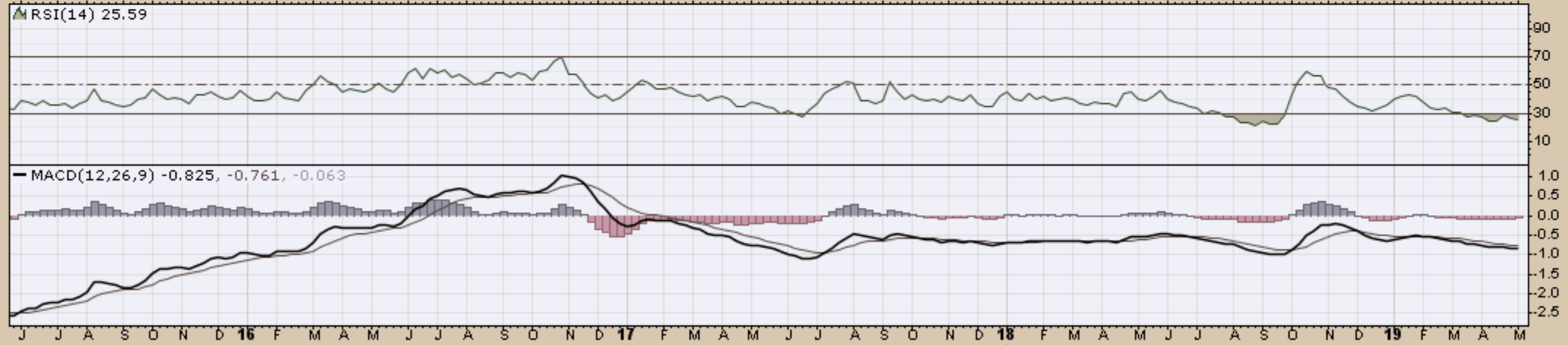
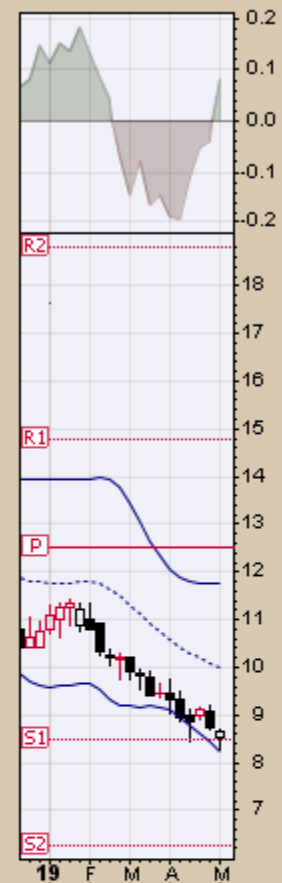
Open 15.18 High 15.44 Low 15.18 Close 15.44 Volume 2,000 Chg -0.14 (-0.90%)

CMF(20) 0.555

JJUF (Weekly) 15.44  
BB(20,2,0) 15.50 - 16.13 - 16.75  
PIVOTS 9.40, 12.77, 19.38, 22.75, 29.36

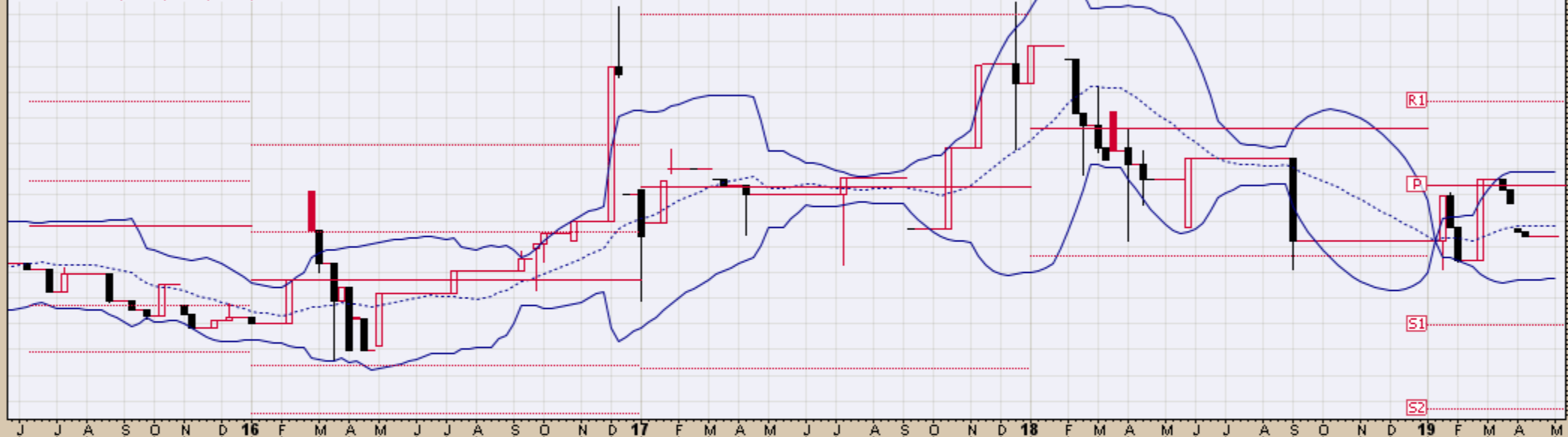
### CHART D16. ALUMINUM, WEEKLY CHART



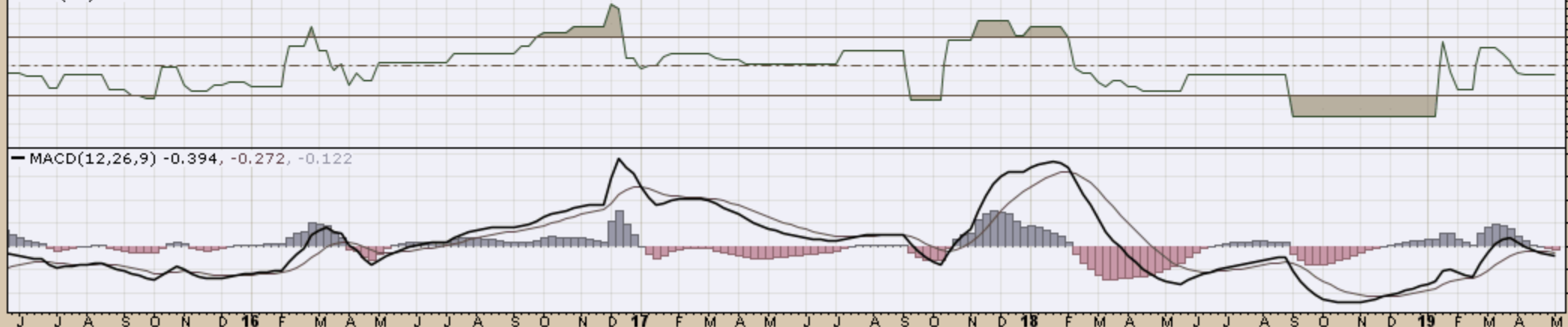


### CHART D18. LEAD, WEEKLY CHART

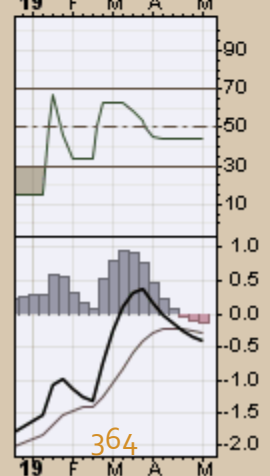
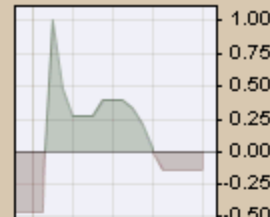
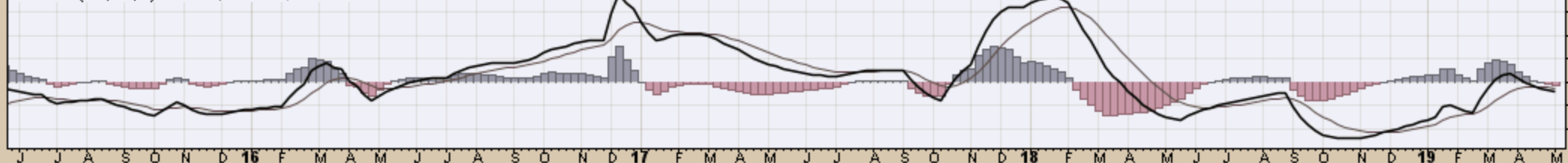
LD (Weekly) 43.50  
BB(20,2,0) 39.39 - 44.55 - 49.72  
PIVOTS 26.66, 34.89, 48.44, 56.67, 70.22



▲ RSI(14) 44.00



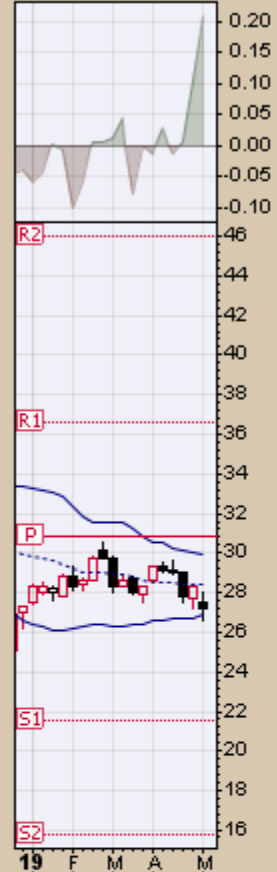
MACD(12,26,9) -0.394, -0.272, -0.122



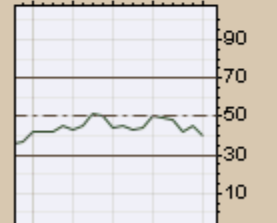
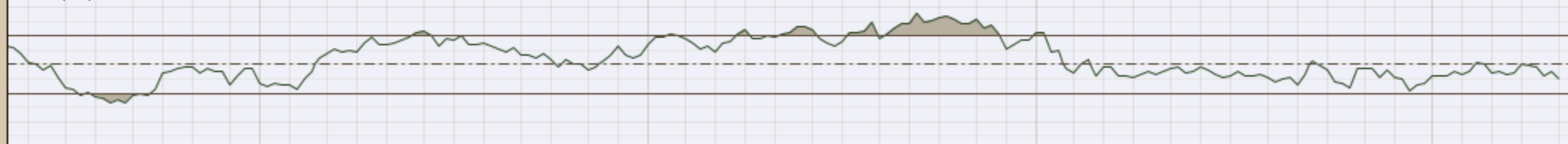
364

### CHART D19. LITHIUM, WEEKLY CHART

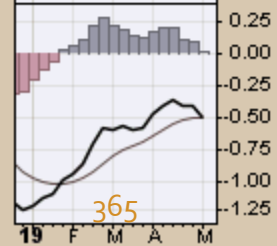
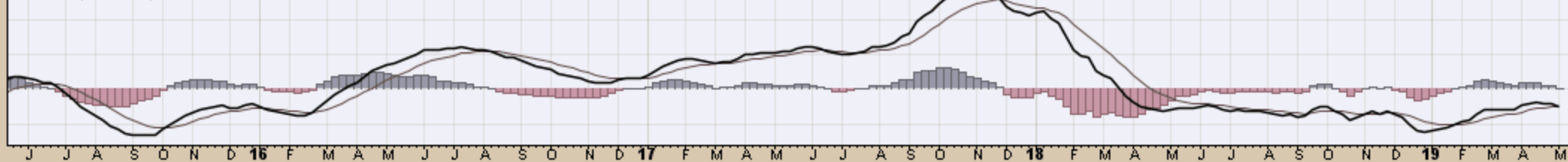
LIT (Weekly) 27.18  
BB(20,2,0) 26.90 - 28.42 - 29.93  
PIVOTS 15.74, 21.50, 30.85, 36.61, 45.95



RSI(14) 40.31



MACD(12,26,9) -0.499, -0.504, 0.005



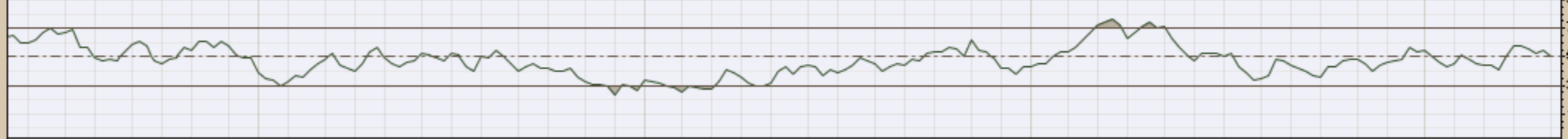
NIB (Weekly) 26.40  
BB(20,2.0) 24.11 - 26.23 - 28.35  
PIVOTS 14.85, 20.96, 28.37, 34.48, 41.89

### CHART D20. COCOA, WEEKLY CHART



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

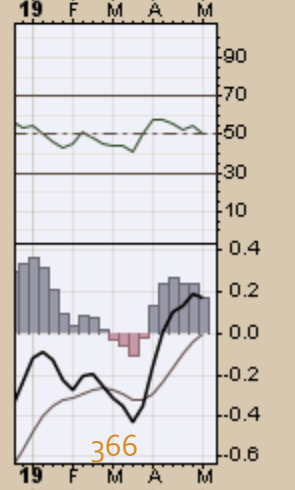
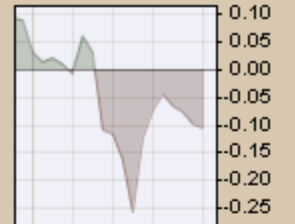
MRSI(14) 50.68



MACD(12,26,9) 0.173, -0.001, 0.173



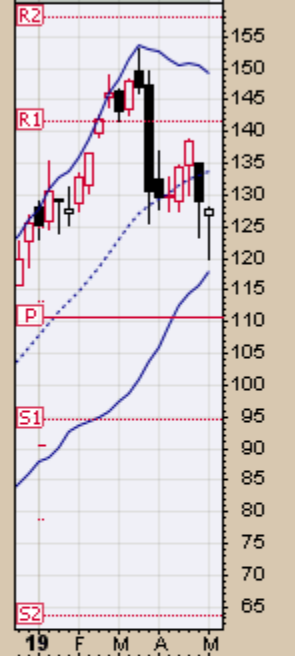
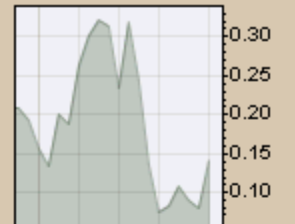
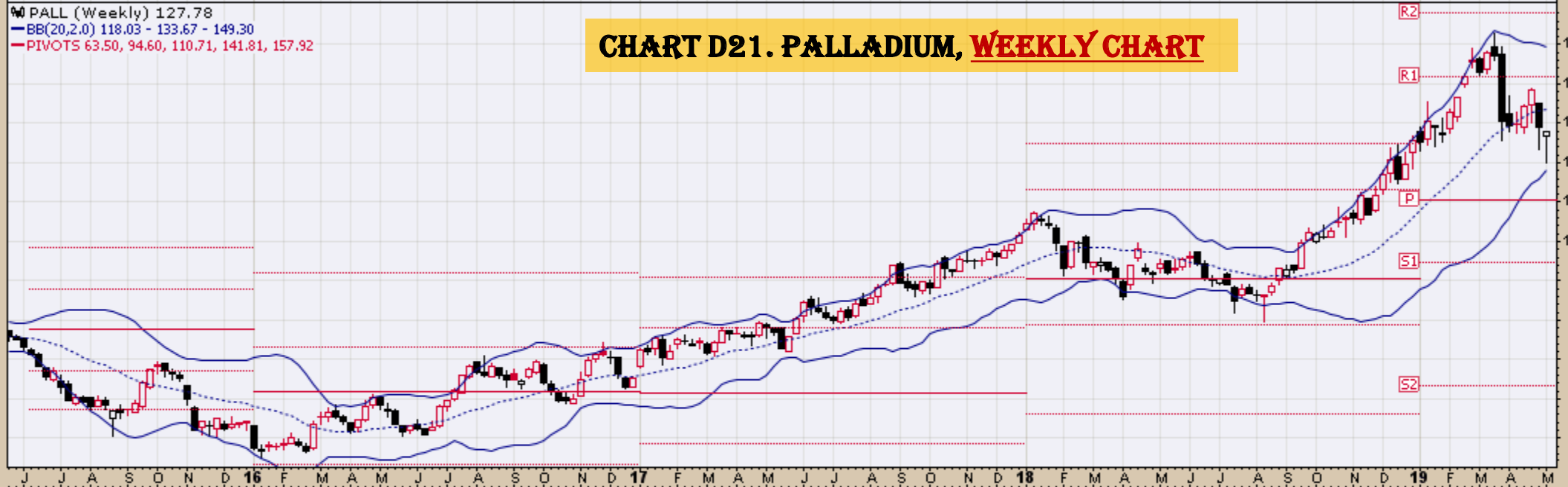
J J A S O N D 16 F M A M J J A S O N D 17 F M A M J J A S O N D 18 F M A M J J A S O N D 19 F M A M



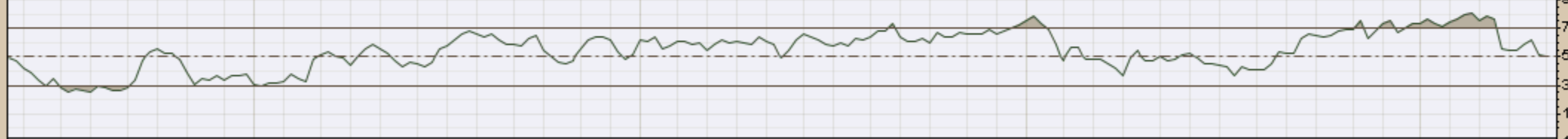


PALL (Weekly) 127.78  
 BB(20,2,0) 118.03 - 133.67 - 149.30  
 PIVOTS 63.50, 94.60, 110.71, 141.81, 157.92

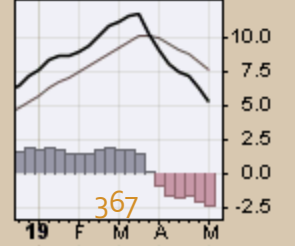
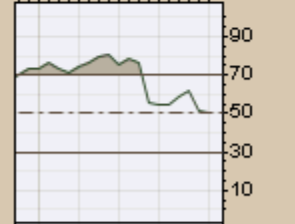
**CHART D21. PALLADIUM, WEEKLY CHART**



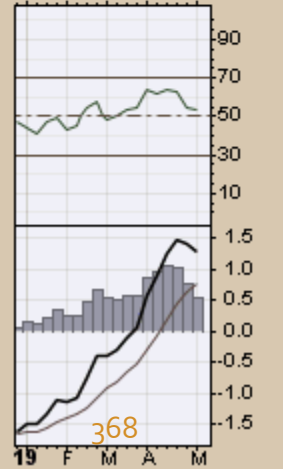
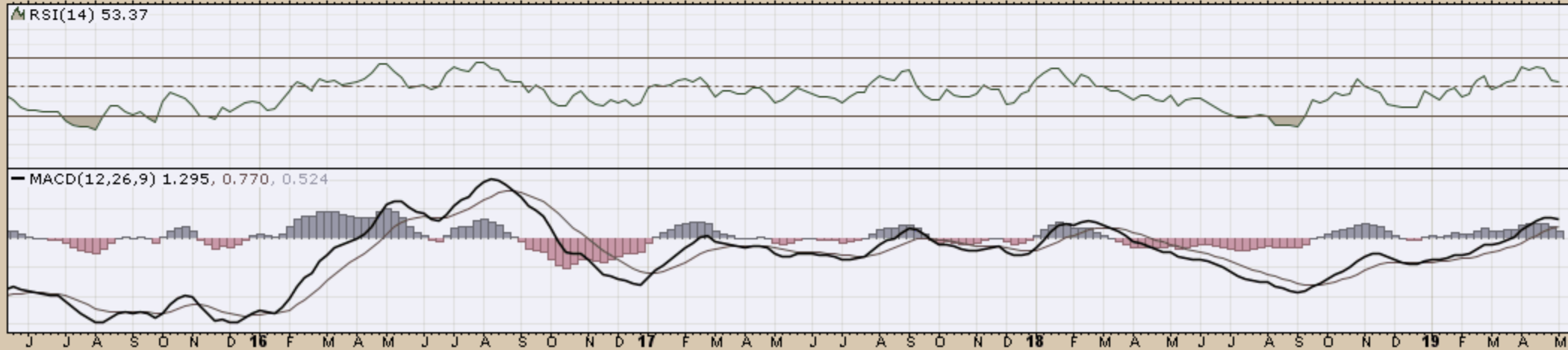
MRSI(14) 50.63



MACD(12,26,9) 5.335, 7.679, -2.345



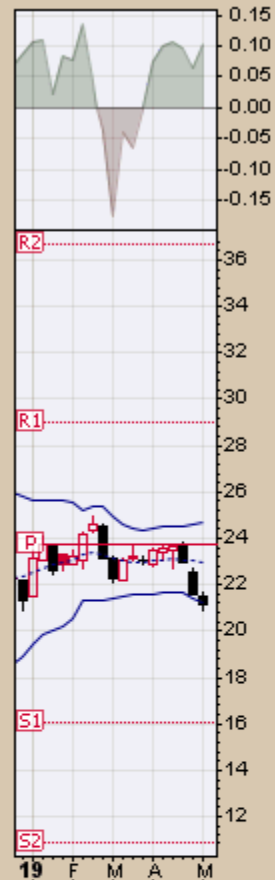




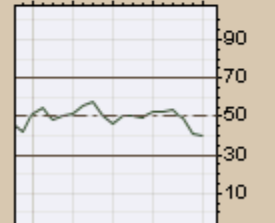
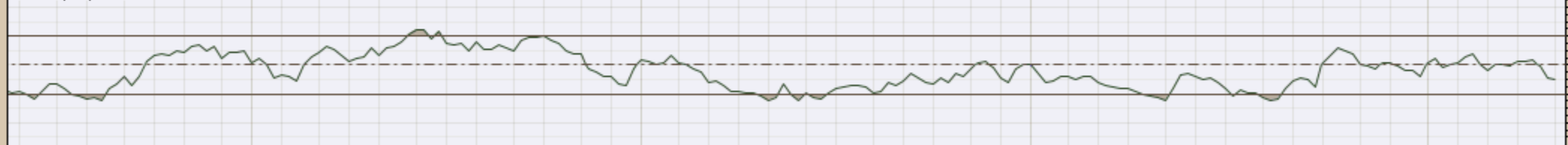
▲ CMF(20) 0.105

W SGGFF (Weekly) 21.19  
— BB(20,2,0) 21.24 - 22.97 - 24.69  
— PIVOTS 10.84, 16.09, 23.74, 28.99, 36.64

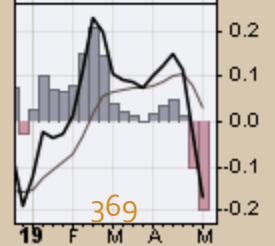
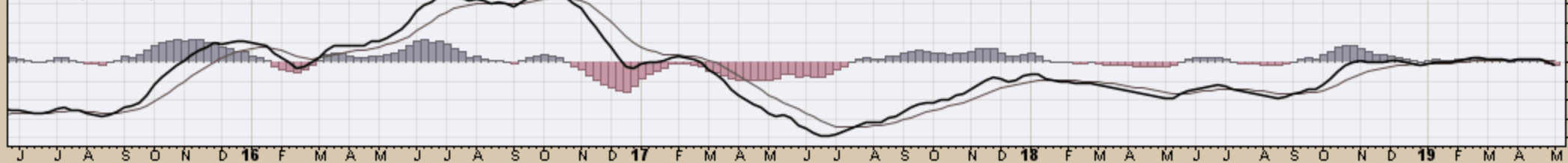
**CHART D23. SUGAR, WEEKLY CHART**

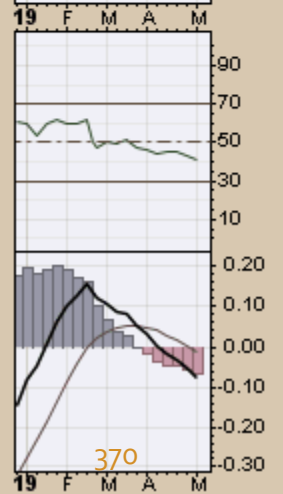
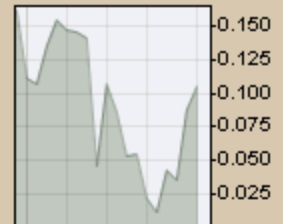
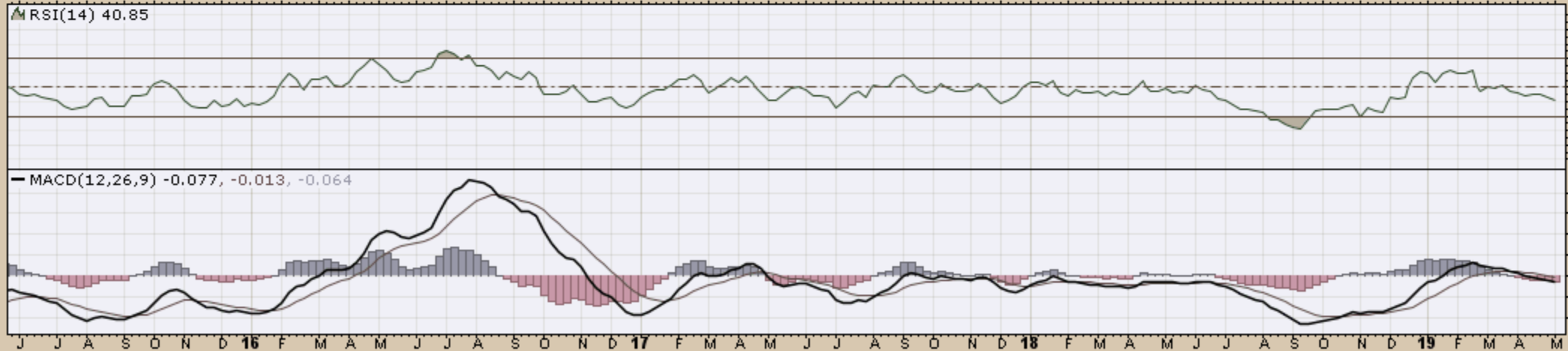


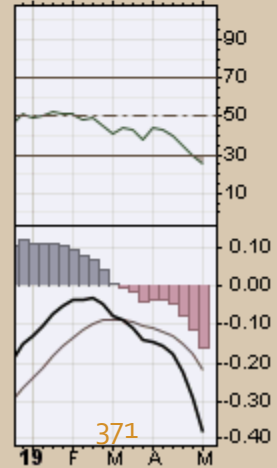
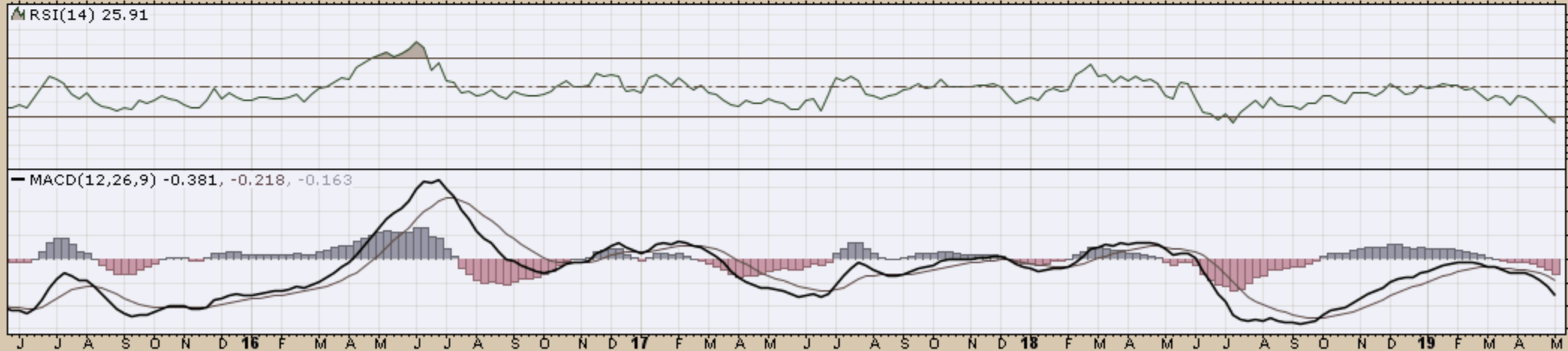
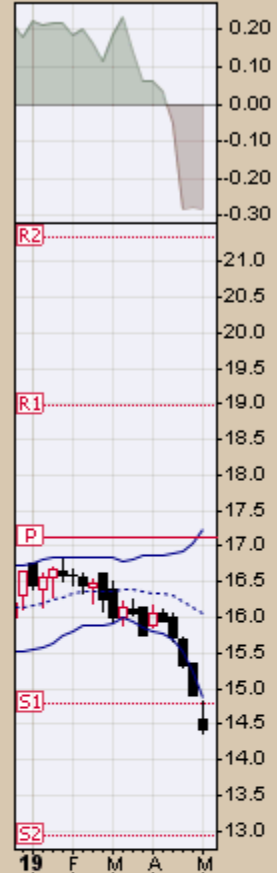
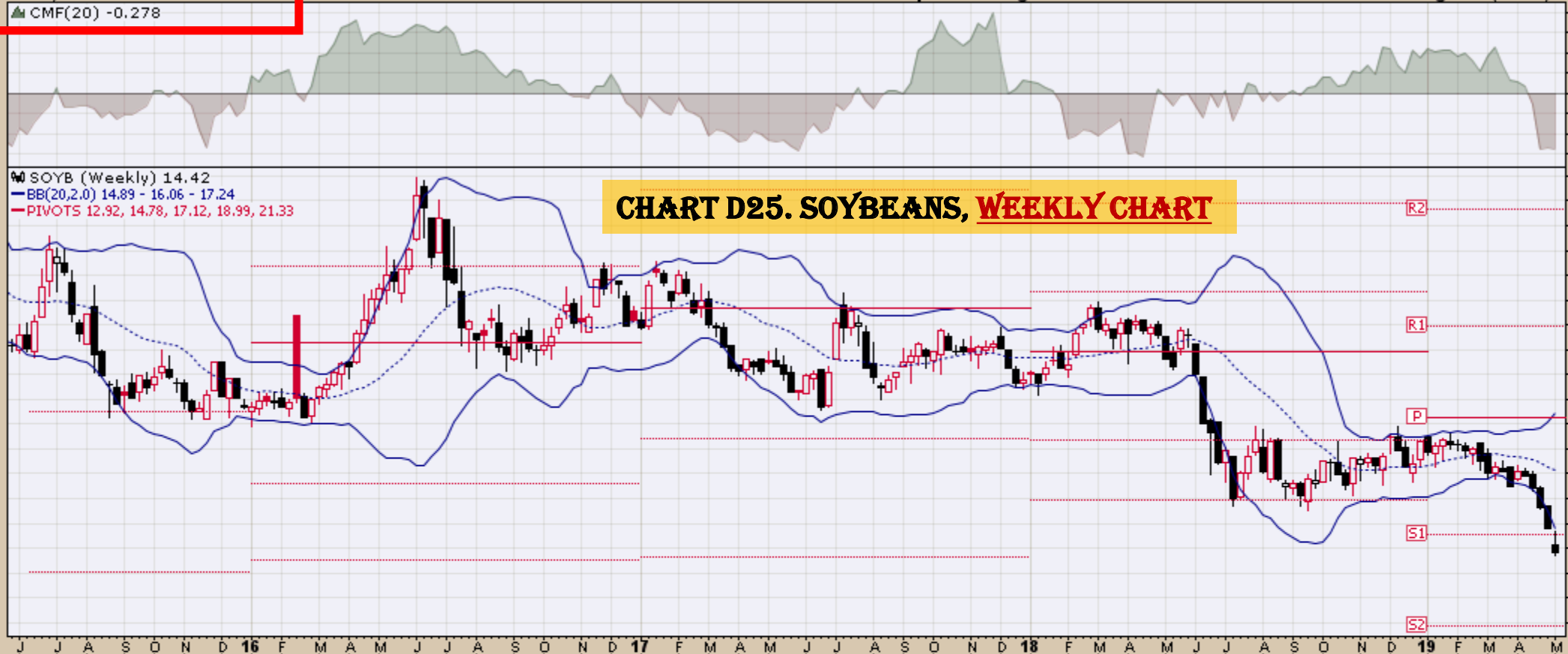
▲ RSI(14) 39.74

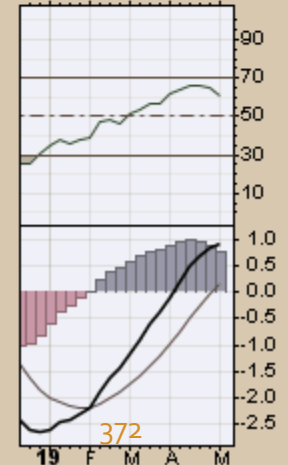
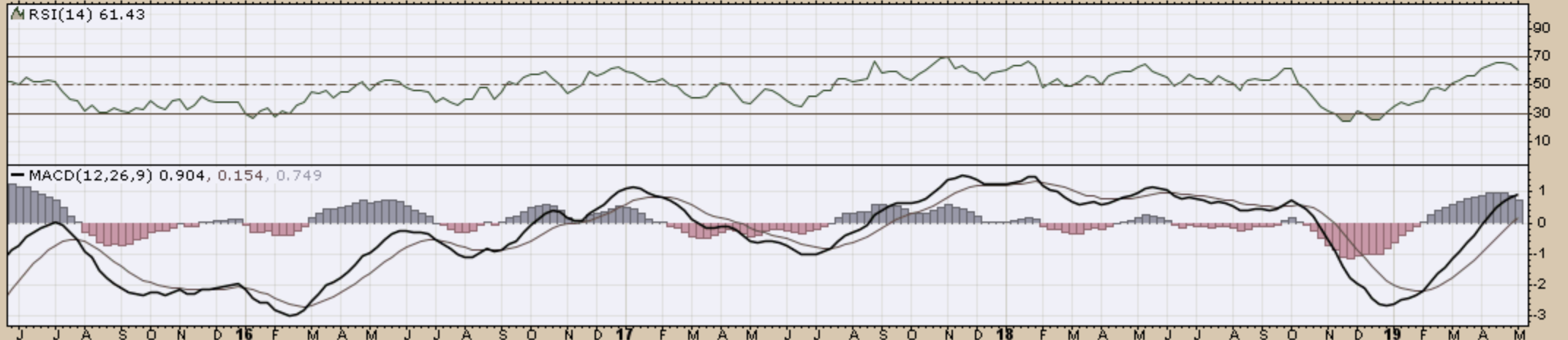
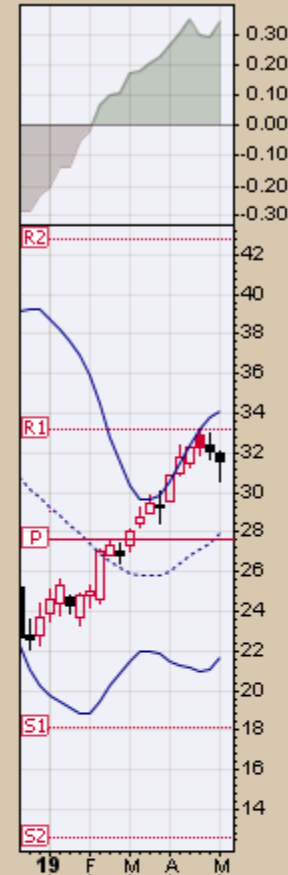
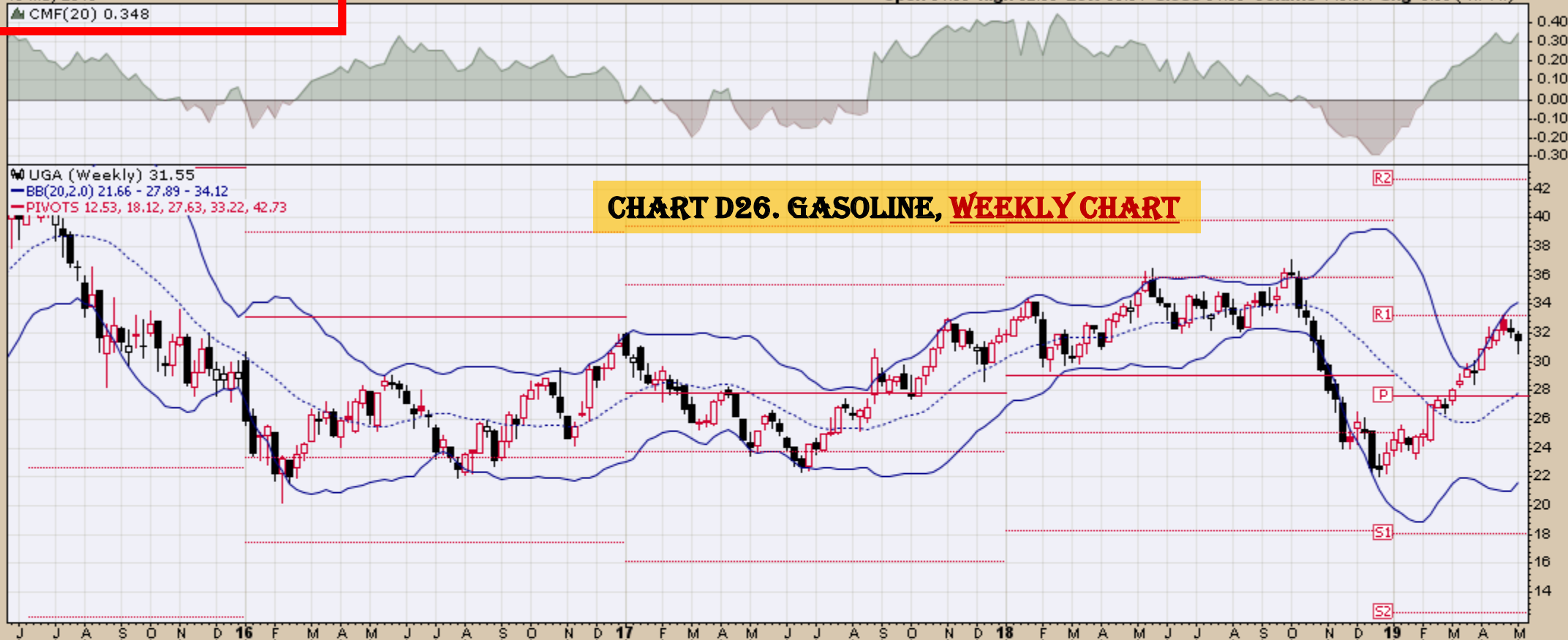


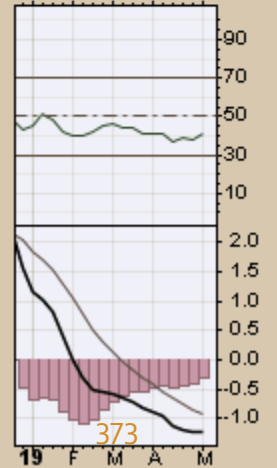
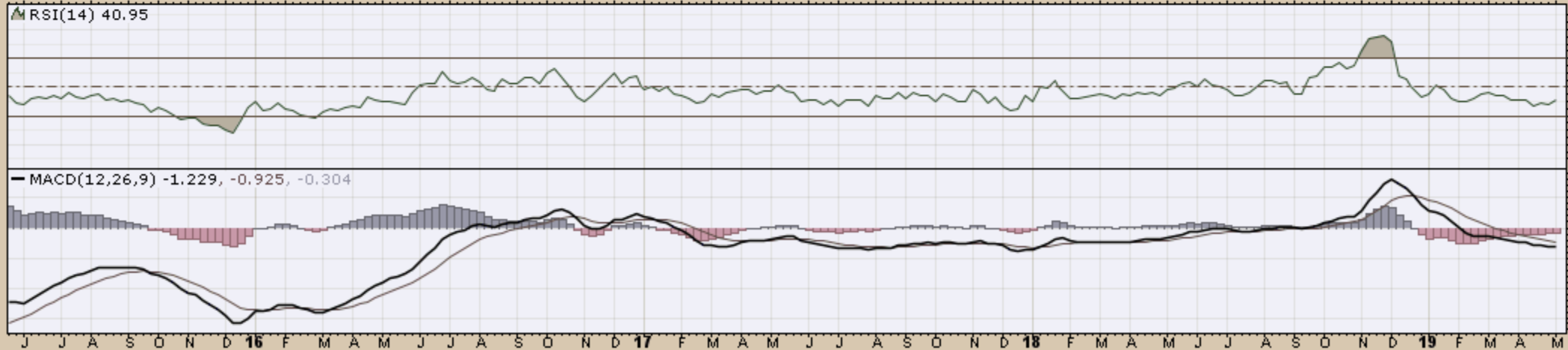
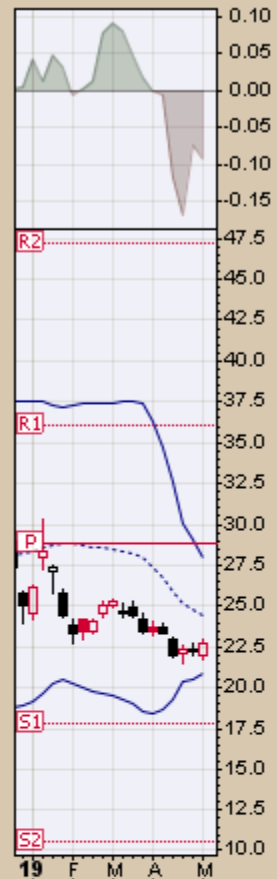
— MACD(12,26,9) -0.167, 0.029, -0.197

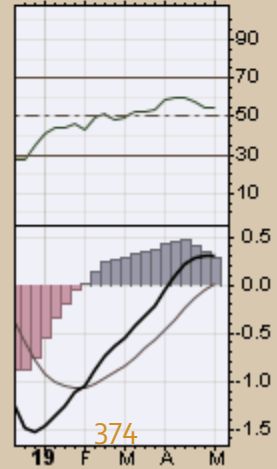
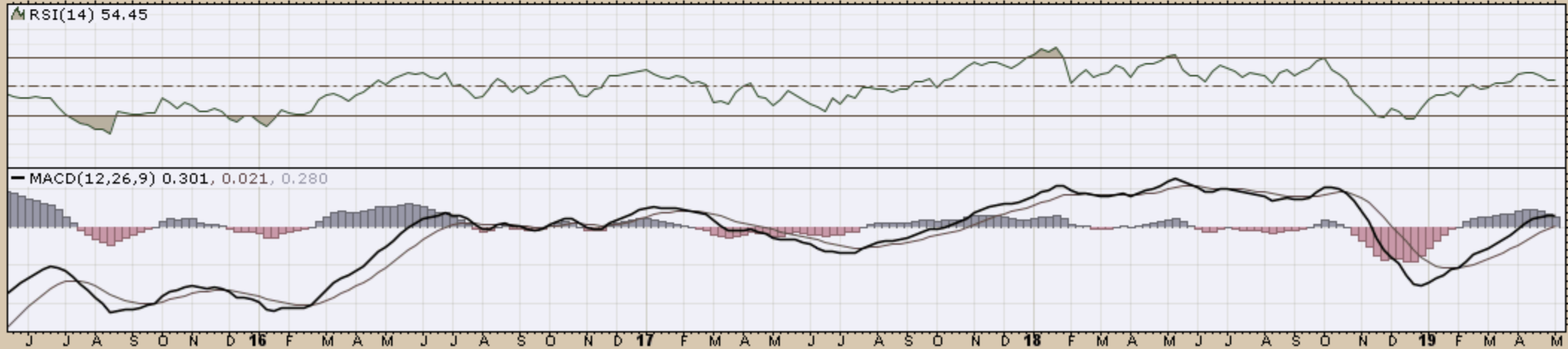
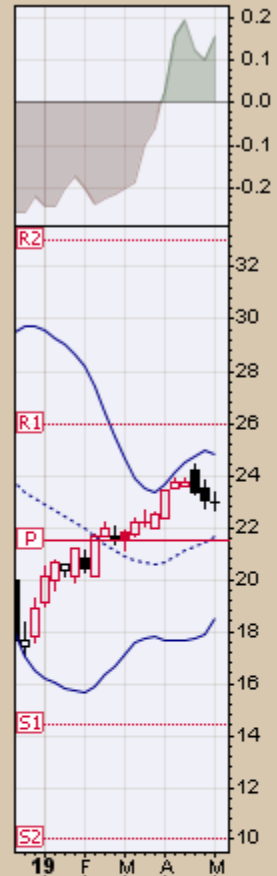


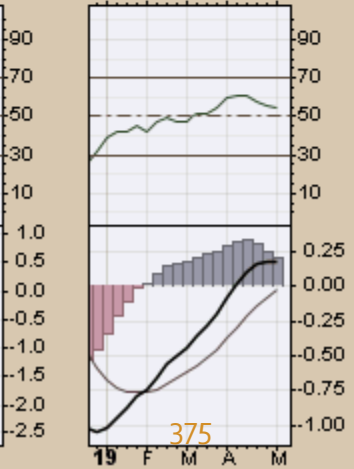
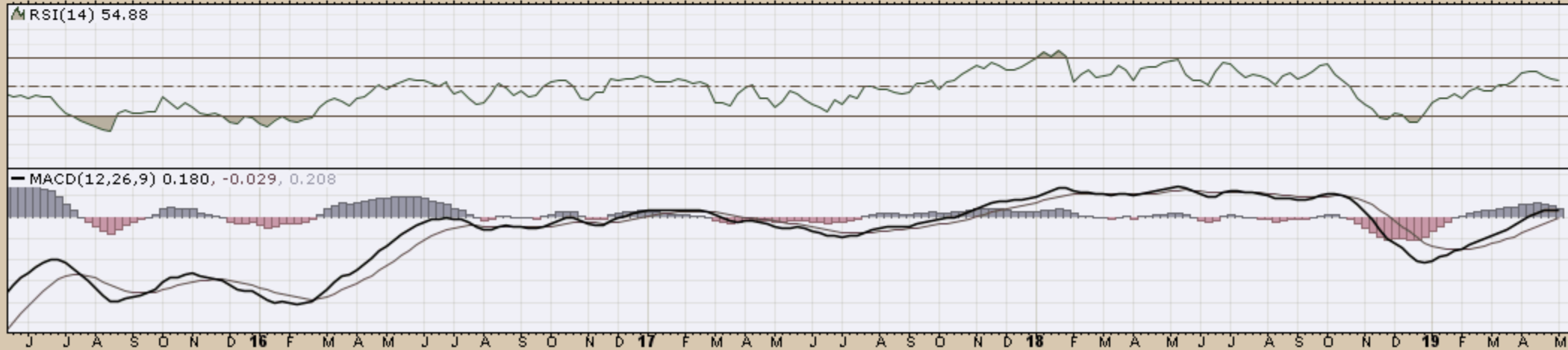
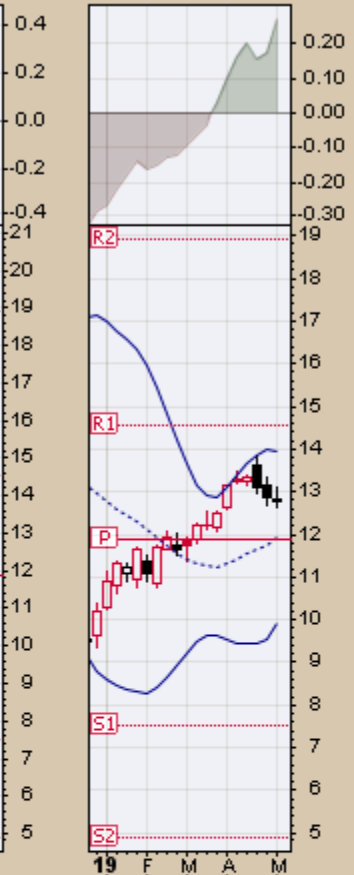
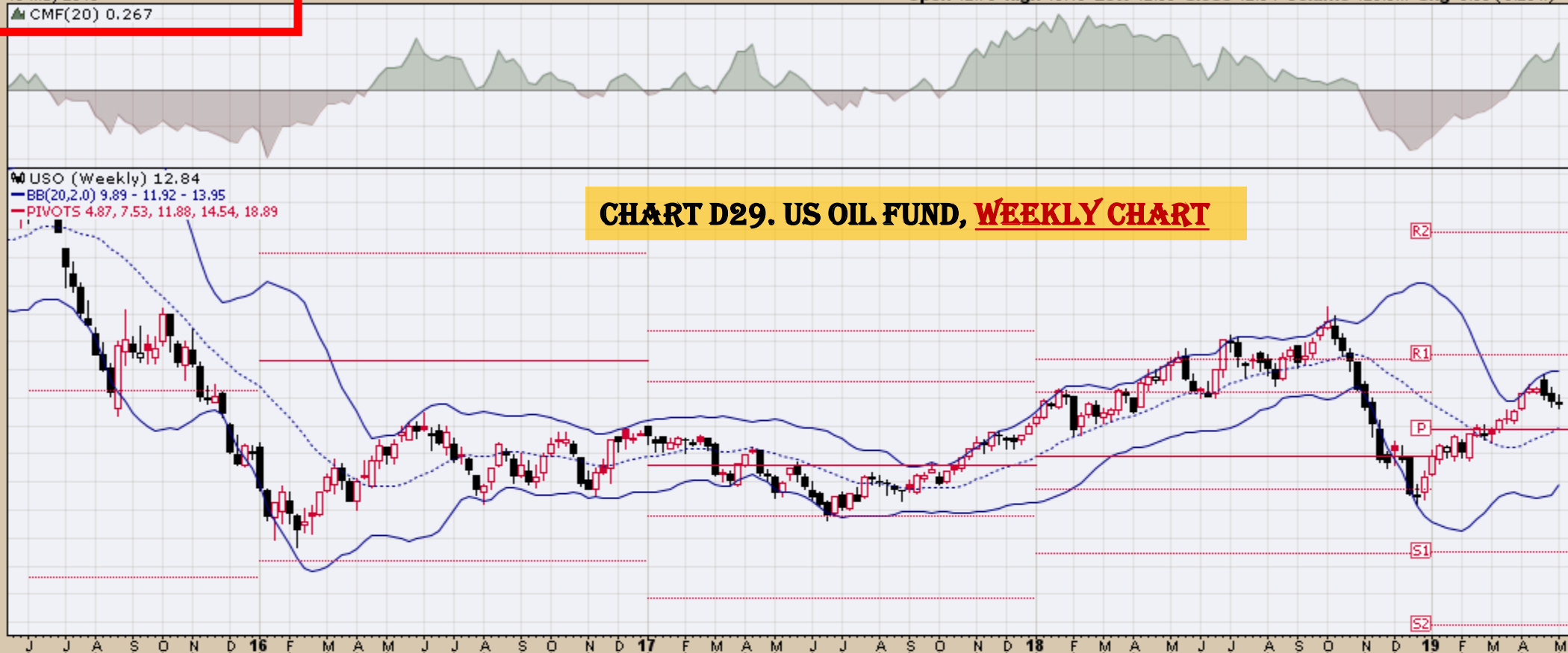








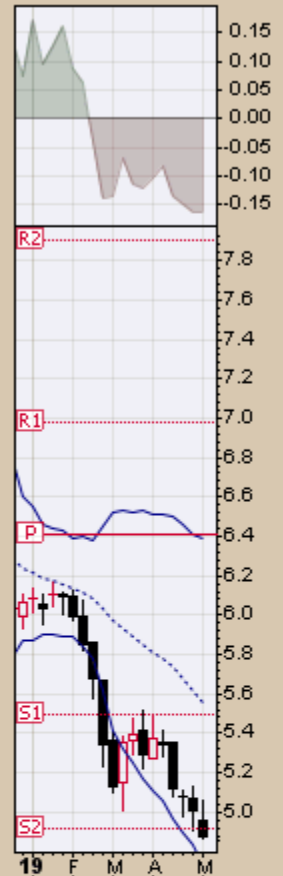




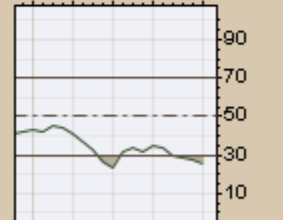
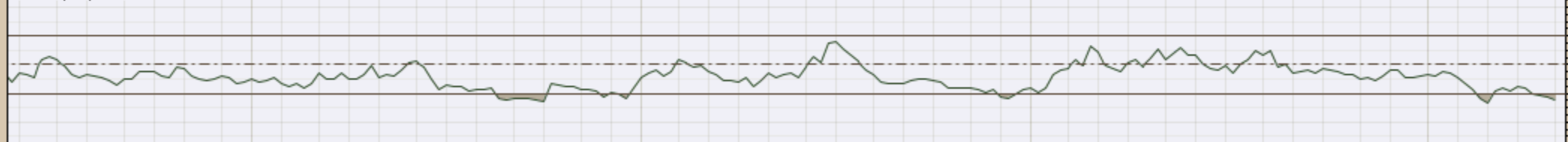


WEAT (Weekly) 4.88  
BB(20,2,0) 4.73 - 5.56 - 6.39  
PIVOTS 4.92, 5.49, 6.41, 6.98, 7.90

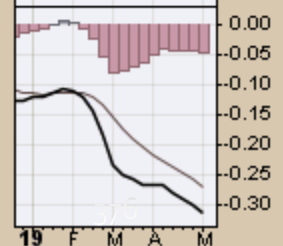
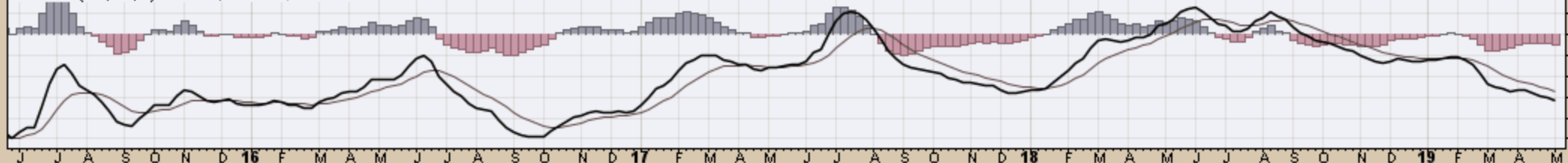
### CHART D30. WHEAT, WEEKLY CHART



▲ RSI(14) 25.57



MACD(12,26,9) -0.314, -0.269, -0.046



*End*