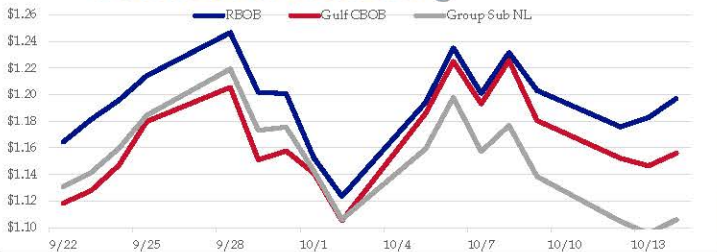


## Gasoline

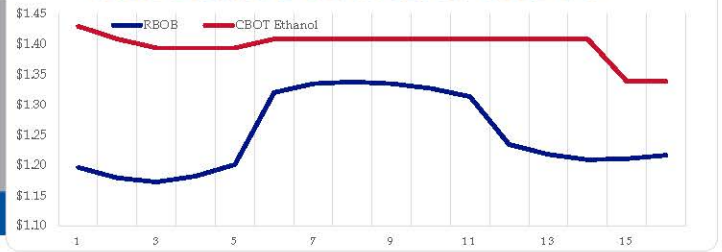
	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	Gulf Basis	Group Basis	LA Basis
10/15	\$1.1502	-\$0.0469	\$1.1091	-\$0.0469	\$1.0595	-\$0.0463	\$(0.0417)	\$(0.0911)	\$0.0402
10/14	\$1.1971	\$0.0144	\$1.1560	\$0.0095	\$1.1061	\$0.0104	\$(0.0412)	\$(0.0911)	\$0.0397
10/13	\$1.1827	\$0.0070	\$1.1465	-\$0.0066	\$1.0957	-\$0.0090	\$(0.0363)	\$(0.0870)	\$0.0497
10/12	\$1.1757	-\$0.0275	\$1.1521	-\$0.0285	\$1.1047	-\$0.0338	\$(0.0236)	\$(0.0711)	\$0.0602
10/9	\$1.2032	-\$0.0284	\$1.1805	-\$0.0452	\$1.1384	-\$0.0384	\$(0.0227)	\$(0.0648)	\$0.0591
10/8	\$1.2316	\$0.0307	\$1.2257	\$0.0327	\$1.1768	\$0.0195	\$(0.0059)	\$(0.0548)	\$0.0658
10/7	\$1.2009	-\$0.0342	\$1.1930	-\$0.0320	\$1.1574	-\$0.0405	\$(0.0080)	\$(0.0436)	\$0.0904
10/6	\$1.2351	\$0.0410	\$1.2249	\$0.0390	\$1.1978	\$0.0385	\$(0.0102)	\$(0.0373)	\$0.0949

RBOB Technicals			Resistance	
Indicator	Direction			
MACD	Neutral	1.4395	Aug High	
Stochastics	Topping	1.2433	Oct High	
RSI	Neutral	1.0741	June Low	
ADX	Neutral	0.9759	May 29 Low	
Momentum	Bearish			
Bias:	Neutral			

## Gasoline History



## Gasoline Forward Curve

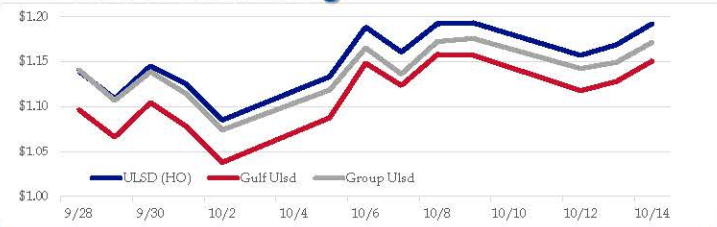


## Diesel

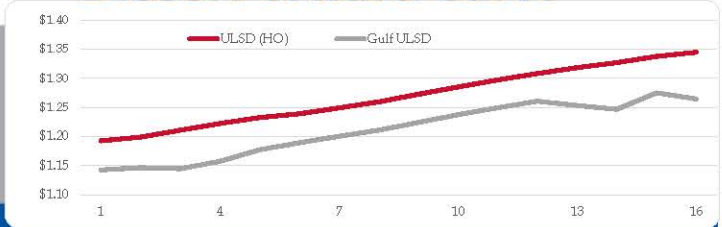
	ULSD (HO)	Change	Gulf Ulstd	Change	Group Ulstd	Change	Gulf Basis	Group Basis	LA Basis
10/15	\$1.1573	-\$0.0352	\$1.1154	-\$0.0354	\$1.1367	-\$0.0350	\$(0.0422)	\$(0.0209)	\$0.0305
10/14	\$1.1925	\$0.0235	\$1.1508	\$0.0228	\$1.1717	\$0.0222	\$(0.0417)	\$(0.0209)	\$0.0301
10/13	\$1.1690	\$0.0119	\$1.1281	\$0.0102	\$1.1494	\$0.0071	\$(0.0410)	\$(0.0196)	\$0.0222
10/12	\$1.1571	-\$0.0362	\$1.1179	-\$0.0394	\$1.1424	-\$0.0336	\$(0.0393)	\$(0.0148)	\$0.0277
10/9	\$1.1933	\$0.0010	\$1.1572	-\$0.0009	\$1.1759	\$0.0034	\$(0.0361)	\$(0.0174)	\$0.0341
10/8	\$1.1923	\$0.0315	\$1.1581	\$0.0344	\$1.1725	\$0.0362	\$(0.0342)	\$(0.0198)	\$0.0358
10/7	\$1.1608	-\$0.0278	\$1.1237	-\$0.0247	\$1.1363	-\$0.0291	\$(0.0372)	\$(0.0245)	\$0.0379
10/6	\$1.1886	\$0.0553	\$1.1484	\$0.0608	\$1.1654	\$0.0467			

HO Technicals			Resistance	
Indicator	Direction			
MACD	Neutral	1.3783	Chart Gap	
Stochastics	Topping	1.3054	Aug High	
RSI	Neutral	1.0534	June Low	
ADX	Neutral	0.9025	May 29 Low	
Momentum	Neutral			
Bias:	Neutral			

## Diesel History



## Diesel Forward Curve



## Crude

	WTI	Change	Brent	Change
10/15	\$39.57	-\$1.47	\$41.93	-\$1.39
10/14	\$41.04	\$0.84	\$43.32	\$0.87
10/13	\$40.20	\$0.77	\$42.45	\$0.73
10/12	\$39.43	-\$1.17	\$41.72	-\$1.13
10/9	\$40.60	\$0.65	\$42.85	-\$0.49
Line 1	Change	Line 2	Change	
CPL space	-0.0058	\$0.0018	-\$0.0065	-\$0.0008

## Refinery Margins

Vs WTI				Vs Brent				Group / WCS	
Gulf Gas	Gulf Diesel	3/2/1	5/3/2	Gulf Gas	Gulf Diesel	3/2/1	5/3/2	3/2/1	5/3/2
\$7.51	\$7.29	\$7.44	\$7.42	\$5.23	\$5.01	\$5.16	\$5.14	16.86	16.86
\$7.95	\$7.18	\$7.69	\$7.64	\$5.70	\$4.93	\$5.44	\$5.39	16.26	16.26
\$8.96	\$7.52	\$8.48	\$8.38	\$6.67	\$5.23	\$6.19	\$6.09	17.22	17.22
\$8.98	\$8.00	\$8.65	\$8.59	\$6.73	\$5.75	\$6.40	\$6.34	17.47	17.47

## Diesel Forward Curve

Indicative forward prices for ULSD at Gulf Coast area origin points. Prices are estimates only.

Del. Month	Price	Differential	3 Mo. Avg	6 Mo. Avg
Nov-20	\$1.1464	-\$0.0510		
Dec-20	\$1.1446	-\$0.0645		
Jan-21	\$1.1573	-\$0.0635	\$1.1494	
Feb-21	\$1.1773	-\$0.0535		
Mar-21	\$1.1889	-\$0.0475		
Apr-21	\$1.2004	-\$0.0480	\$1.1889	\$1.1692
May-21	\$1.2108	-\$0.0460		
Jun-21	\$1.2240	-\$0.0470		
Jul-21	\$1.2373	-\$0.0460	\$1.2240	
Aug-21	\$1.2494	-\$0.0430		
Sep-21	\$1.2606	-\$0.0430		
Oct-21	\$1.2532	-\$0.0605	\$1.2544	\$1.2392
12 Month Avg	\$1.2042	-\$0.0511		

## Economic Indicators

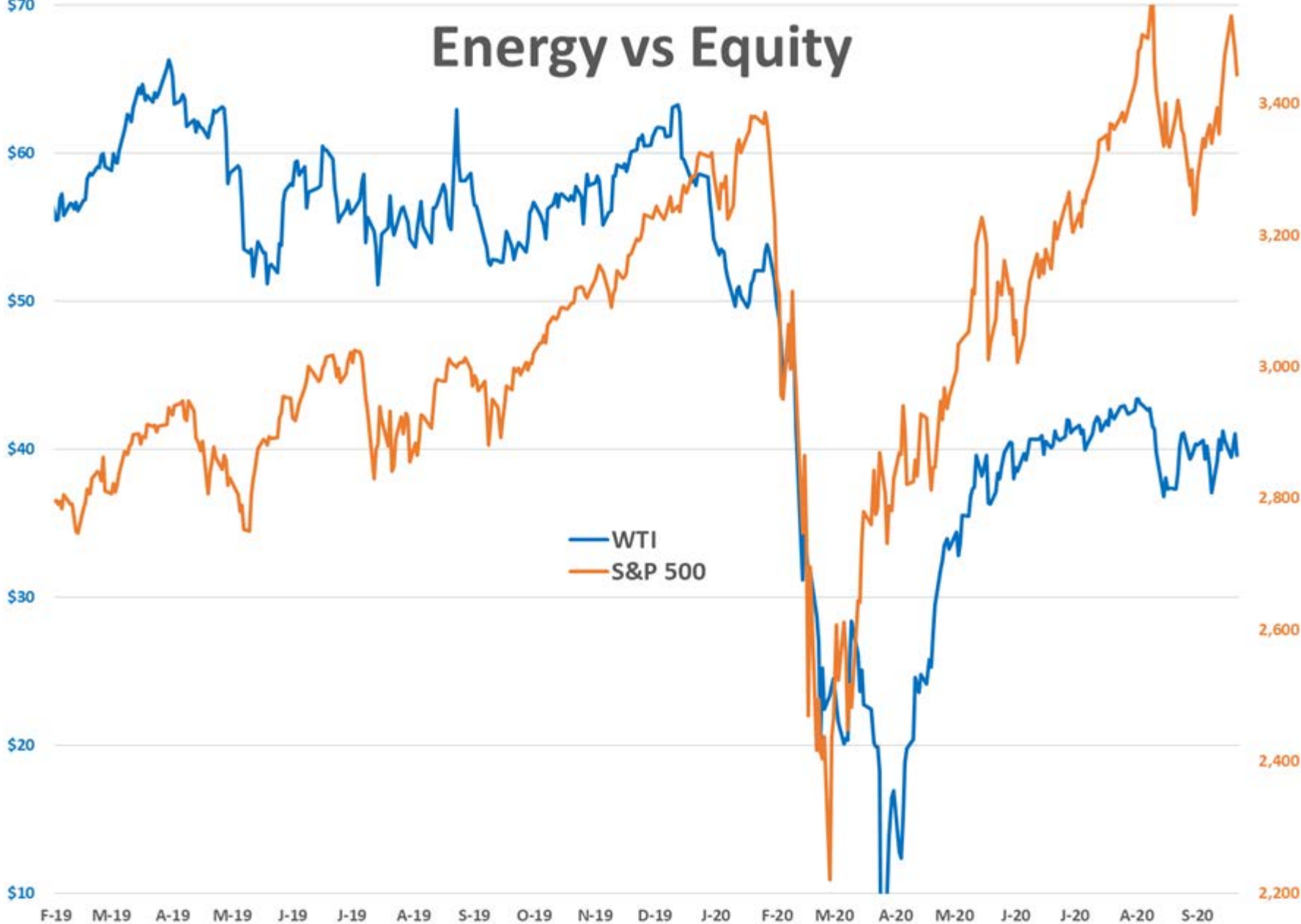
## Commodity Futures

	Settle	Change		Settle	Change
S&P 500 Futures	3,439	-\$1.75	Ethanol	1.430	
DJIA	28,514		NatGas	2.636	-\$0.219
			Gold	1,901	-\$4.0
			Silver	24.36	
EUR/USD	1.1752	-\$0.0047	Copper	3.05	\$0.001
USD Index	93.37	\$0.39	FCOJ	115.80	\$0.75
US 10 YR YIELD	0.73%	-\$0.01	Corn	396.50	-\$1.00
US 2 YR YIELD	0.14%	-\$0.02	Soy	1056.25	-\$12.75
Oil Volatility Index	46.07	-\$2.54	Wheat	596.75	\$2.00
S&P Volatility Index (VIX)	26.07	\$0.33	Ethanol RINs	0.4978	\$0.001
Nikkei 225 Index	23,570	-\$180.00	Butane	0.634	\$0.003
			Propane	0.524	\$0.006

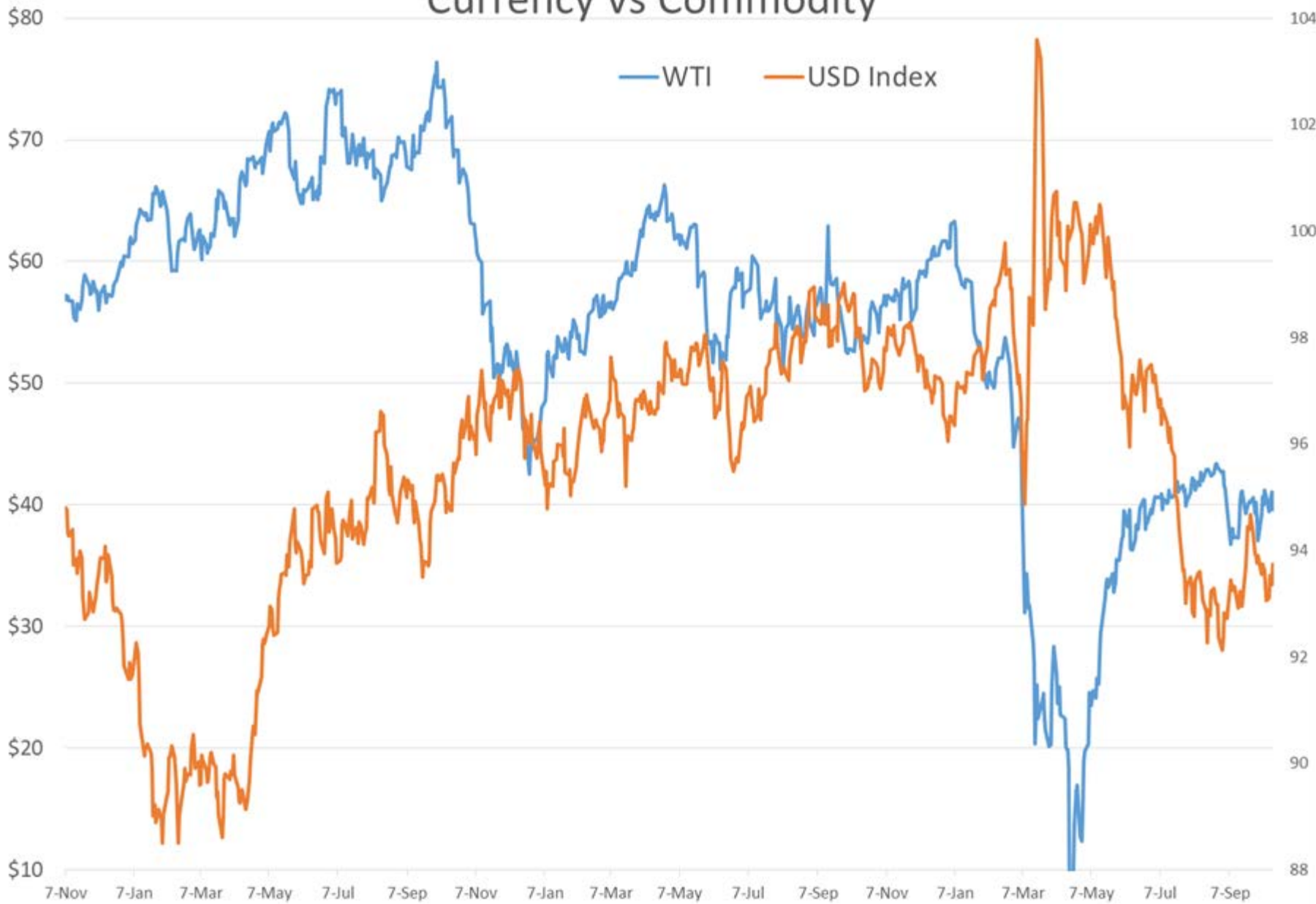
\*SOURCES: Nymex, CBOT, NYSE, ICE, NASDAQ, CME Group, CBOE. Prices delayed.

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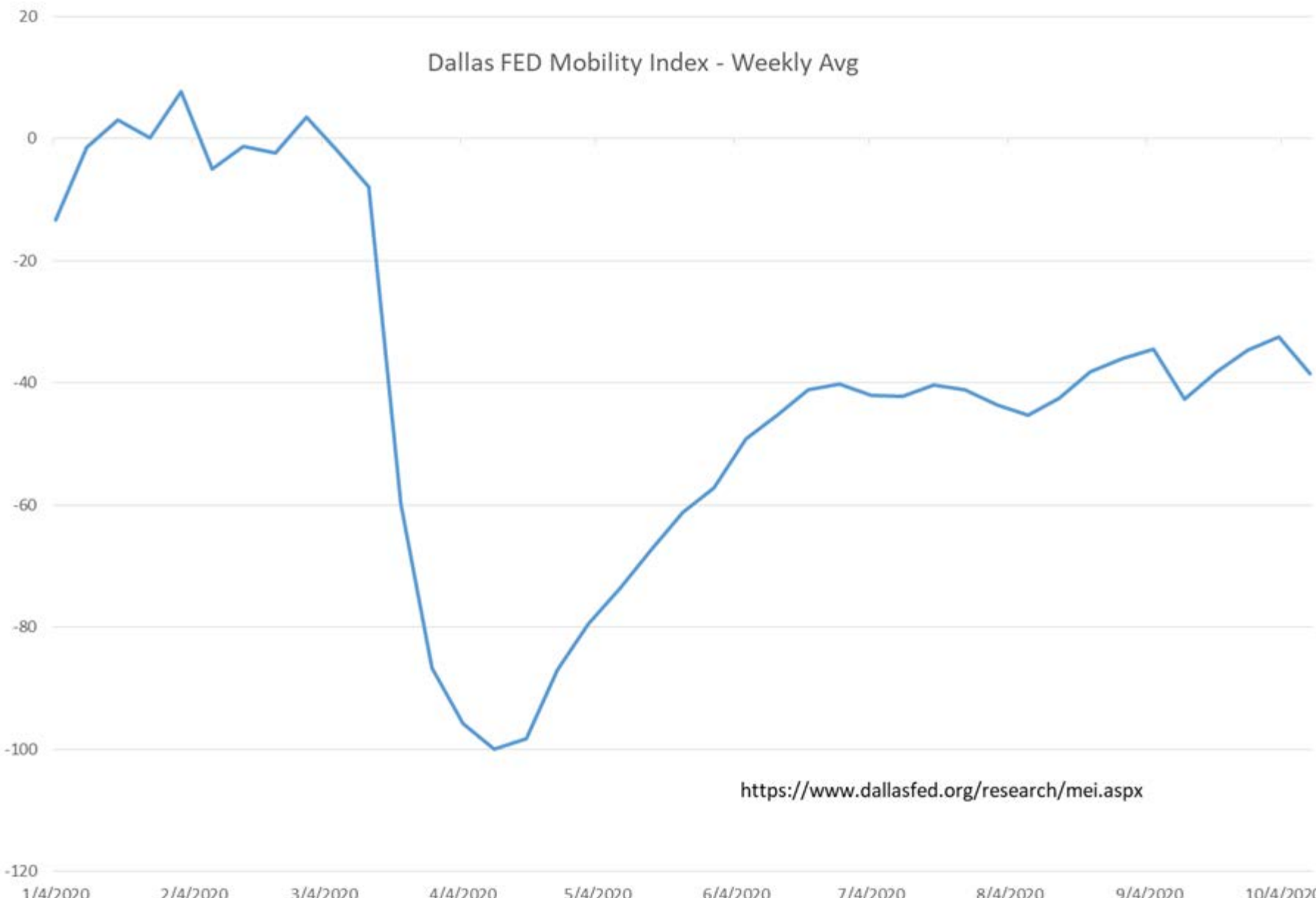
# Energy vs Equity



# Currency vs Commodity

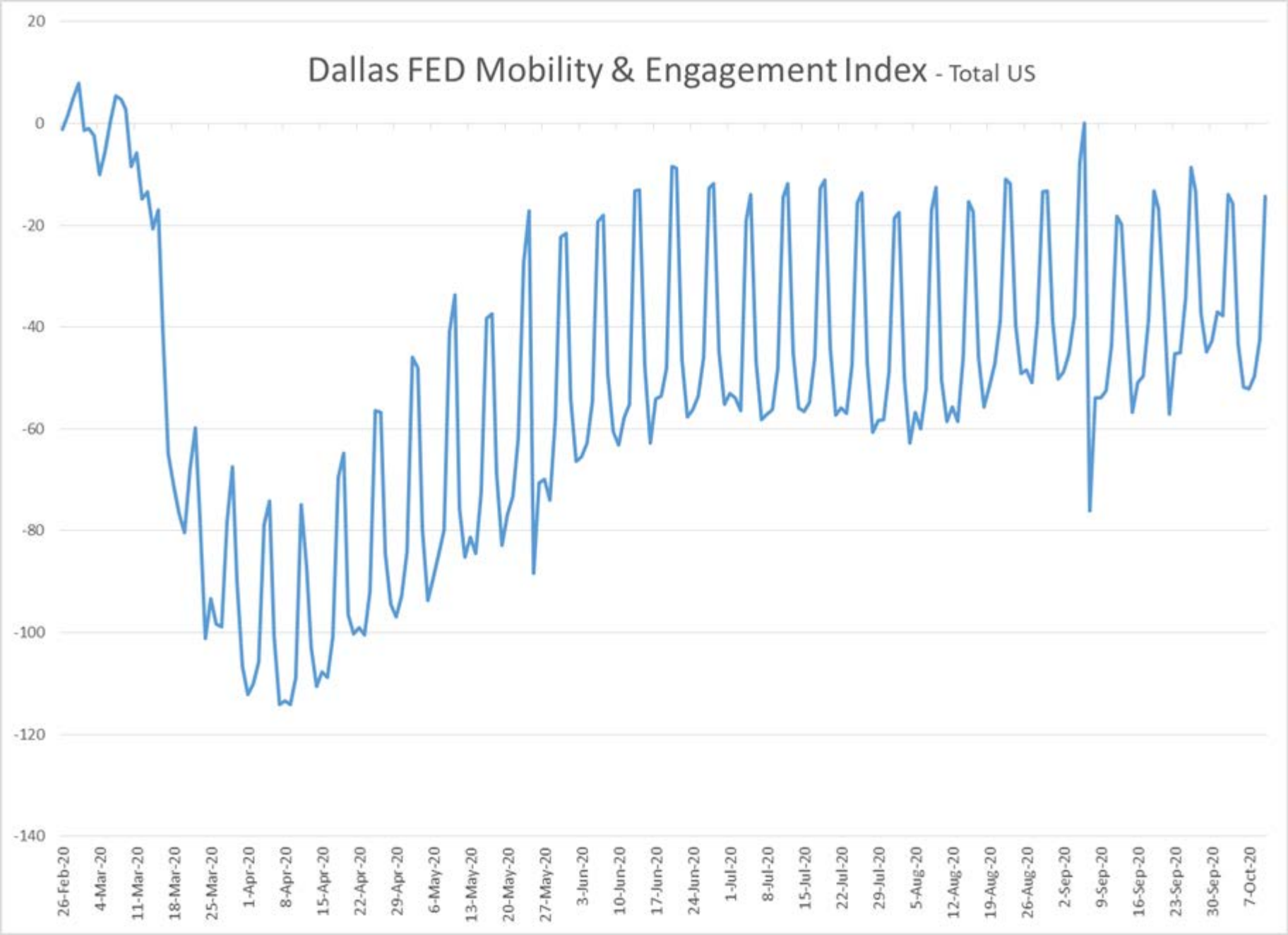


Dallas FED Mobility Index - Weekly Avg



<https://www.dallasfed.org/research/mei.aspx>

# Dallas FED Mobility & Engagement Index - Total US





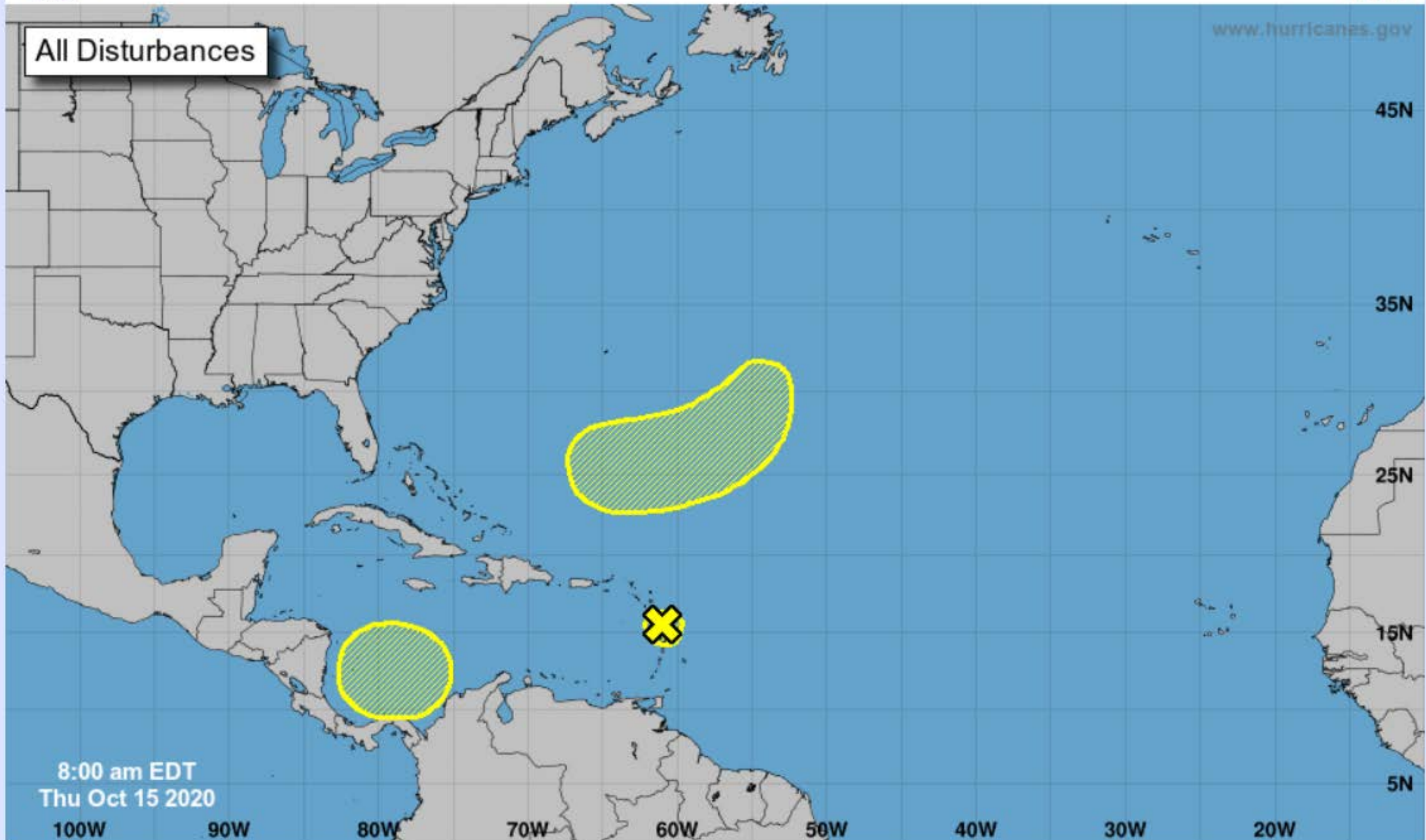
# Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



[www.hurricanes.gov](http://www.hurricanes.gov)

All Disturbances



Current Disturbances and Five-Day Cyclone Formation Chance: < 40% 40-60% > 60%  
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane  
 Post-Tropical Cyclone or Remnants