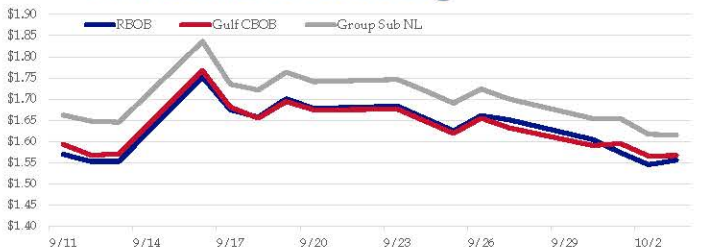


Gasoline

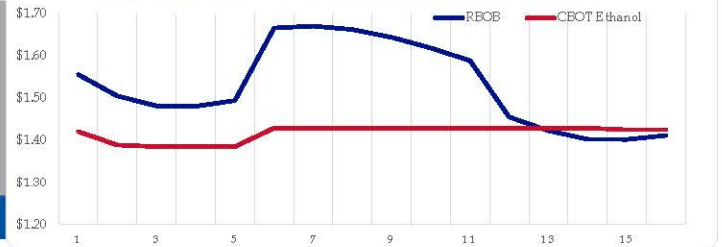
	RBOB	Change	Gulf CBOB	Change	Group Sub NL	Change	Gulf Basis	Group Basis
10/4	\$1.5809	\$0.0250	\$1.5917	\$0.0250	\$1.6407	\$0.0255	\$ 0.0103	\$ 0.0594
10/3	\$1.5559	\$0.0104	\$1.5669	\$0.0009	\$1.6152	-\$0.0021	\$ 0.0110	\$ 0.0592
10/2	\$1.5455	-\$0.0282	\$1.5660	-\$0.0292	\$1.6173	-\$0.0367	\$ 0.0204	\$ 0.0717
10/1	\$1.5737	-\$0.0312	\$1.5952	\$0.0046	\$1.6539	-\$0.0003	\$ 0.0215	\$ 0.0802
9/30	\$1.6049	-\$0.0465	\$1.5906	-\$0.0417	\$1.6542	-\$0.0462	\$ (0.0143)	\$ 0.0493
9/27	\$1.6514	-\$0.0098	\$1.6323	-\$0.0227	\$1.7004	-\$0.0236	\$ (0.0191)	\$ 0.0490
9/26	\$1.6612	\$0.0360	\$1.6550	\$0.0359	\$1.7239	\$0.0335	\$ (0.0062)	\$ 0.0627
9/25	\$1.6252	-\$0.0291	\$1.6191	-\$0.0286	\$1.6904	-\$0.0291	\$ (0.0061)	\$ 0.0652

RBOB Technicals			Resistance	
Indicator	Direction		1.7785	Sep High
MACD	Neutral		1.7285	200 Day MA
Stochastics	Bearish		1.4809	Aug Low
RSI	Neutral		1.4475	Sep Low
ADX	Neutral			
Momentum	Bearish			
Bias:	Bearish			

Gasoline History



Gasoline Forward Curve

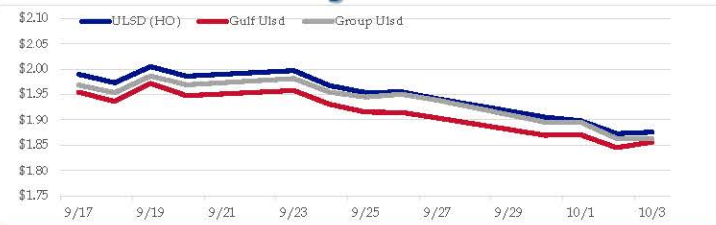


Diesel

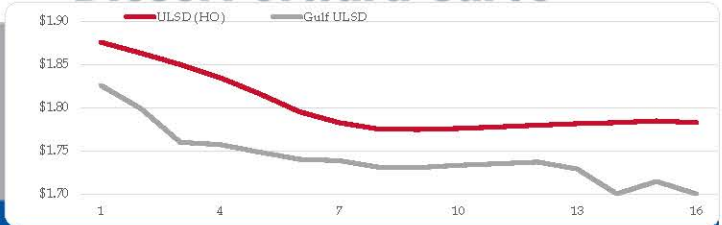
	ULSD (HO)	Change	Gulf Ulstd	Change	Group Ulstd	Change	Gulf Basis	Group Basis
10/4	\$1.9015	\$0.0255	\$1.8818	\$0.0255	\$1.8872	\$0.0245	\$ (0.0202)	\$ (0.0145)
10/3	\$1.8760	\$0.0030	\$1.8563	\$0.0010	\$1.8627	-\$0.0008	\$ (0.0197)	\$ (0.0134)
10/2	\$1.8730	-\$0.0255	\$1.8453	-\$0.0265	\$1.8634	-\$0.0324	\$ (0.0277)	\$ (0.0096)
10/1	\$1.8985	-\$0.0071	\$1.8708	\$0.0011	\$1.8958	\$0.0002	\$ (0.0278)	\$ (0.0028)
9/30	\$1.9056	-\$0.0360	\$1.8696	-\$0.0342	\$1.8956	-\$0.0433	\$ (0.0360)	\$ (0.0100)
9/27	\$1.9416	-\$0.0135	\$1.9038	-\$0.0111	\$1.9388	-\$0.0118	\$ (0.0378)	\$ (0.0028)
9/26	\$1.9551	\$0.0012	\$1.9149	-\$0.0004	\$1.9506	\$0.0054	\$ (0.0402)	\$ (0.0045)
9/25	\$1.9539	-\$0.0137	\$1.9153	-\$0.0156	\$1.9452	-\$0.0095		

HO Technicals			Resistance	
Indicator	Direction		2.1377	2019 High
MACD	Neutral		2.0999	Sep High
Stochastics	Bearish		1.7402	June Low
RSI	Neutral		1.6424	Jan Low
ADX	Neutral			
Momentum	Bearish			
Bias:	Neutral			

Diesel History



Diesel Forward Curve



Crude

	WTI	Change	Brent	Change
10/4	\$53.14	\$0.69	\$58.68	\$0.97
10/3	\$52.45	-\$0.19	\$57.71	\$0.02
10/2	\$52.64	-\$0.98	\$57.69	-\$1.20
10/1	\$53.62	-\$0.45	\$58.89	-\$1.89
9/30	\$54.07	-\$3.22	\$60.78	-\$1.11
Line 1	Change	Line 2	Change	
CPL space	-0.0195	\$0.0020	-\$0.0108	-\$0.0016

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			
10/4	\$13.36	\$25.51	\$17.41	\$18.22	\$8.10	\$20.25	\$12.15	\$12.96	27.32			
10/3	\$13.13	\$24.86	\$17.04	\$17.82	\$8.08	\$19.81	\$11.99	\$12.77	27.39			
10/2	\$13.38	\$24.95	\$17.23	\$18.01	\$8.11	\$19.68	\$11.96	\$12.74	28.87			
9/30	\$12.74	\$24.45	\$16.64	\$17.42	\$6.03	\$17.74	\$9.93	\$10.71	26.65			

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-19	\$1.7995	-\$0.0625		
Dec-19	\$1.7602	-\$0.0885		
Jan-20	\$1.7575	-\$0.0760	\$1.7724	
Feb-20	\$1.7488	-\$0.0660		
Mar-20	\$1.7405	-\$0.0525		
Apr-20	\$1.7389	-\$0.0435	\$1.7427	\$1.7576
May-20	\$1.7314	-\$0.0415		
Jun-20	\$1.7310	-\$0.0425		
Jul-20	\$1.7336	-\$0.0410	\$1.7320	
Aug-20	\$1.7354	-\$0.0380		
Sep-20	\$1.7374	-\$0.0380		
Oct-20	\$1.7293	-\$0.0480	\$1.7340	\$1.7330
12 Month Avg	\$1.7453	-\$0.0532		

Economic Indicators

Commodity Futures

	Settle	Change		Settle	Change
S&P 500	2,912	31.25	Ethanol	1.412	-0.005
DJIA	26,201	122.42	NatGas	2.329	0.082
			Gold	1,507	-3.6
			Silver	17.59	17.59
EUR/USD	1.0981	-0.0010	Copper	2.55	-0.013
USD Index	98.54	0.11	FCOJ	99.90	0.10
US 10 YR YIELD	1.54%	-0.06	Corn	388.75	-0.25
US 2 YR YIELD	1.39%	-0.09	Soy	911.75	2.25
Oil Volatility Index	39.62	0.78	Wheat	488.75	0.50
S&P Volatility Index (VIX)	20.56	-1.44	Ethanol RINS	0.2378	-0.001
Nikkei 225 Index	21,380	15.00	Butane	0.556	0.014
			Propane	0.434	0.006

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

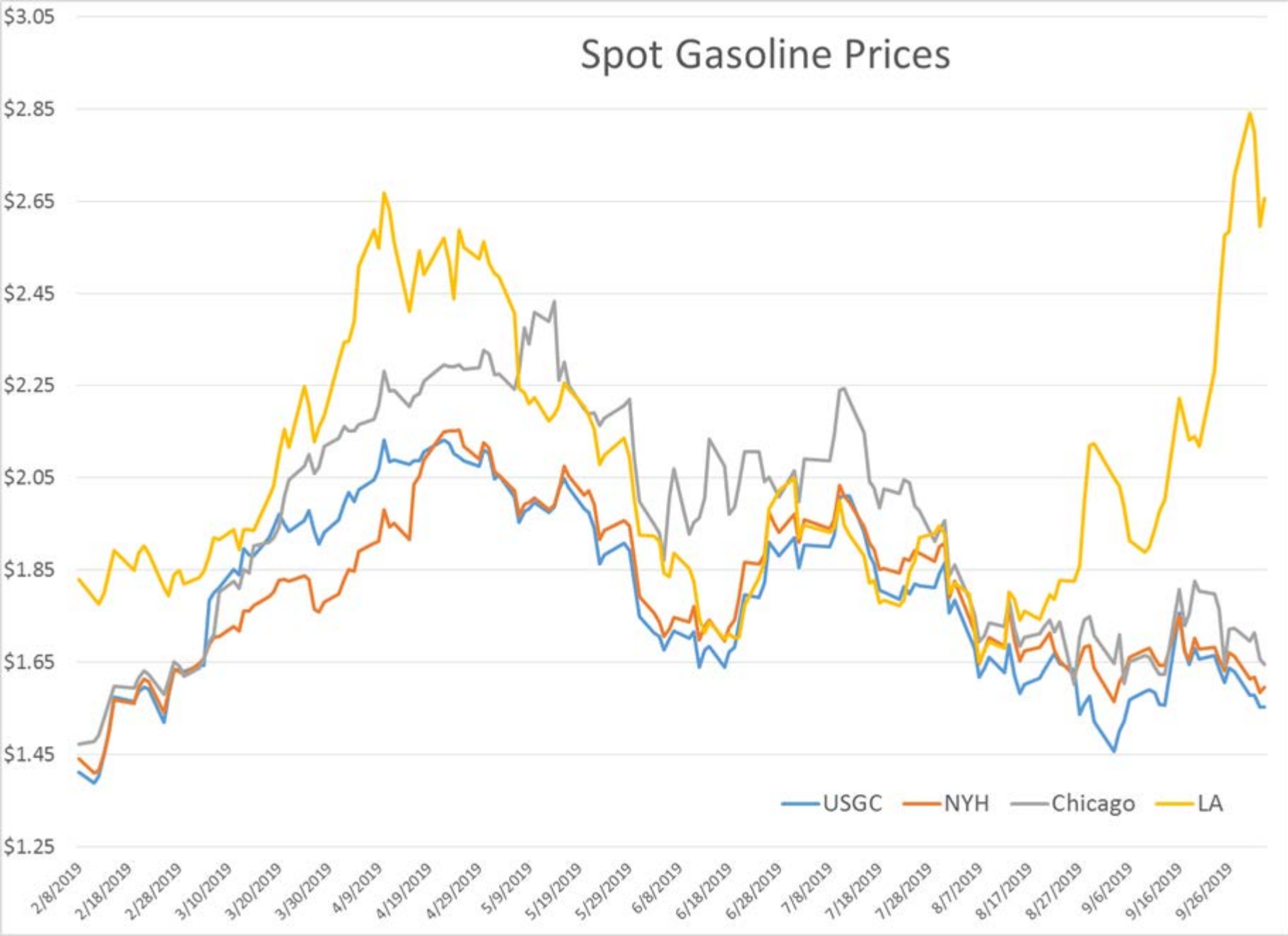
Table A-15. Alternative measures of labor underutilization

HOUSEHOLD DATA**Table A-15. Alternative measures of labor underutilization**[Percent]

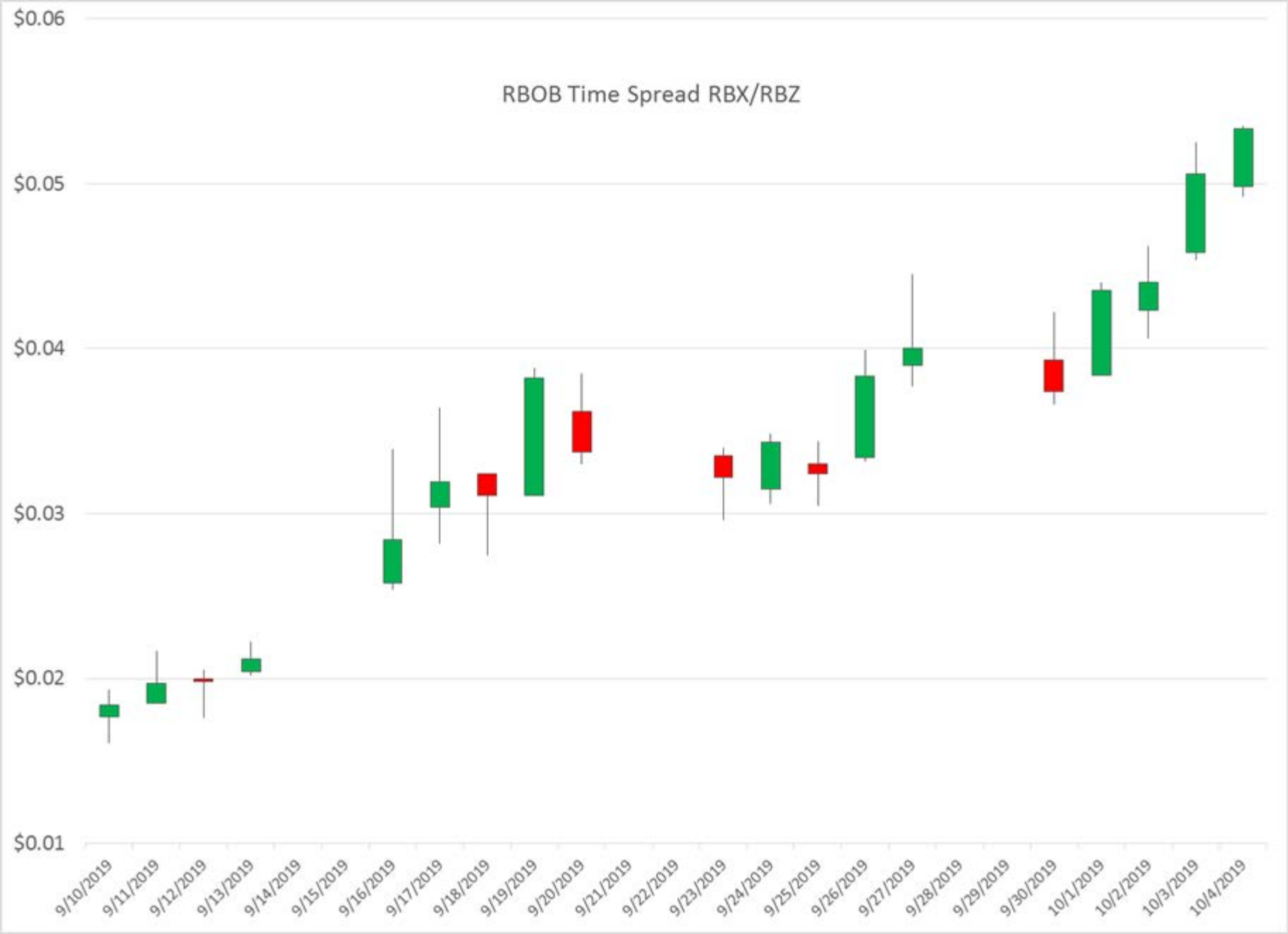
Measure	Not seasonally adjusted			Seasonally adjusted					
	Sept. 2018	Aug. 2019	Sept. 2019	Sept. 2018	May 2019	June 2019	July 2019	Aug. 2019	Sept. 2019
U-1 Persons unemployed 15 weeks or longer, as a percent of the civilian labor force	1.3	1.2	1.3	1.4	1.3	1.3	1.3	1.3	1.3
U-2 Job losers and persons who completed temporary jobs, as a percent of the civilian labor force	1.5	1.8	1.4	1.7	1.6	1.7	1.7	1.8	1.6
U-3 Total unemployed, as a percent of the civilian labor force (official unemployment rate)	3.6	3.8	3.3	3.7	3.6	3.7	3.7	3.7	3.5
U-4 Total unemployed plus discouraged workers, as a percent of the civilian labor force plus discouraged workers	3.8	4.1	3.5	3.9	3.8	3.9	3.9	4.0	3.7
U-5 Total unemployed, plus discouraged workers, plus all other persons marginally attached to the labor force, as a percent of the civilian labor force plus all persons marginally attached to the labor force	4.5	4.7	4.1	4.6	4.4	4.6	4.6	4.6	4.3
U-6 Total unemployed, plus all persons marginally attached to the labor force, plus total employed part time for economic reasons, as a percent of the civilian labor force plus all persons marginally attached to the labor force	7.1	7.3	6.5	7.5	7.1	7.2	7.0	7.2	6.9

NOTE: Persons marginally attached to the labor force are those who currently are neither working nor looking for work but indicate that they want and are available for a job and have looked for work sometime in the past 12 months. Discouraged workers, a subset of the marginally attached, have given a job-market related reason for not currently looking for work. Persons employed part time for economic reasons are those who want and are available for full-time work but have had to settle for a part-time schedule. Updated population controls are introduced annually with the release of January data.

Spot Gasoline Prices



RBOB Time Spread RBX/RBZ



Central Pacific

Eastern North Pacific

Atlantic

Disturbances: ALL [1] [2]



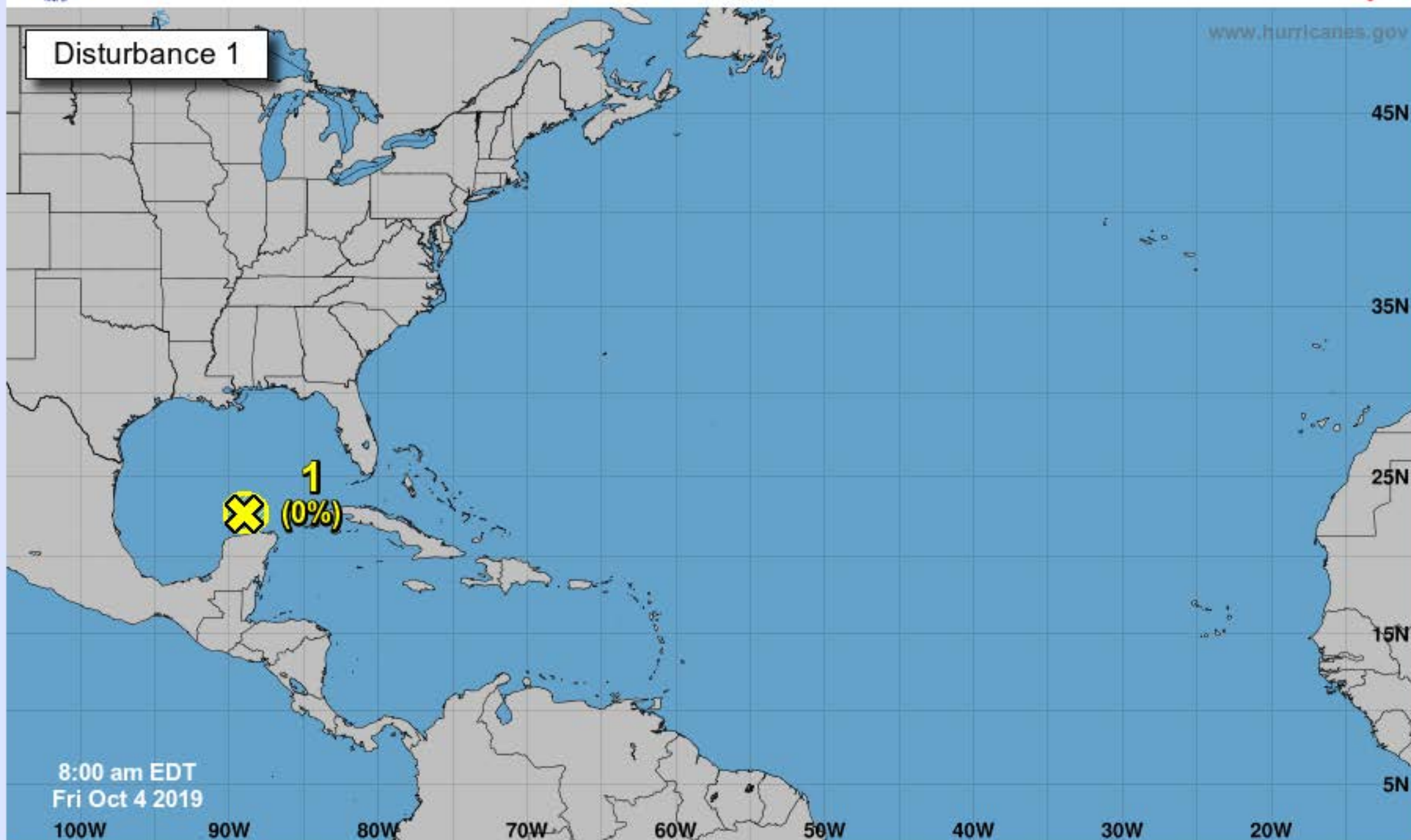
Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



www.hurricanes.gov

Disturbance 1



8:00 am EDT
Fri Oct 4 2019

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

[View 2-Day Graphical Tropical Weather Outlook](#)