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Market Settles

NYMEX Settle Prices	12/4/18	12/3/18	Change
Jan-19	**$4.457**	$4.339	$0.118
Feb-19	**$4.305**	$4.157	$0.148
Mar-19	**$3.937**	$3.768	$0.169
Apr-19	**$2.957**	$2.906	$0.051
May-19	**$2.839**	$2.794	$0.045
Jun-19	**$2.853**	$2.810	$0.043
Jul-19	**$2.876**	$2.835	$0.041
Aug-19	**$2.871**	$2.834	$0.037
Sep-19	**$2.845**	$2.812	$0.033
Oct-19	**$2.866**	$2.834	$0.032
Nov-19	**$2.903**	$2.873	$0.030
Dec-19	**$3.059**	$3.032	$0.027
Jan-20	**$3.177**	$3.154	$0.023
Feb-20	**$3.114**	$3.087	$0.027
Mar-20	**$2.879**	$2.862	$0.017
Apr-20	**$2.499**	$2.500	$(0.001)
May-20	**$2.450**	$2.461	$(0.011)
Jun-20	**$2.498**	$2.510	$(0.012)
Jul-20	**$2.553**	$2.567	$(0.014)
Aug-20	**$2.553**	$2.567	$(0.014)
Sep-20	**$2.527**	$2.541	$(0.014)
Oct-20	**$2.538**	$2.551	$(0.013)
Nov-20	**$2.603**	$2.616	$(0.013)
Dec-20	**$2.786**	$2.792	$(0.006)
Jan-21	**$2.911**	$2.916	$(0.005)
Feb-21	**$2.853**	$2.861	$(0.008)
Mar-21	**$2.716**	$2.726	$(0.010)
Apr-21	**$2.491**	$2.491	$0.000
May-21	**$2.463**	$2.463	$0.000
Jun-21	**$2.496**	$2.496	$0.000
Jul-21	**$2.531**	$2.531	$0.000
Aug-21	**$2.548**	$2.548	$0.000
Sep-21	**$2.542**	$2.542	$0.000
Oct-21	**$2.566**	$2.566	$0.000
Nov-21	**$2.632**	$2.634	$(0.002)
Dec-21	**$2.805**	$2.809	$(0.004)
Jan-22	**$2.924**	$2.929	$(0.005)
Feb-22	**$2.872**	$2.879	$(0.007)
Mar-22	**$2.775**	$2.784	$(0.009)
Apr-22	**$2.545**	$2.559	$(0.014)
May-22	**$2.516**	$2.530	$(0.014)

NYMEX Liquids	Prompt	Q1 '19	12 Month
Crude	**$53.25**	$53.46	$54.20

Data Source: New York Mercantile Exchange

Prompt Month	NYMEX January 2019 Natural Gas	**12/27/18**
Contract Expiration	NYMEX January 2019 Crude Oil	**12/19/18**

Data Source: New York Mercantile Exchange

E.I.A. Storage Data - Next report: 12/6/18, 10:30 EDT, for week ending November 30, 2018

Region	Week Ended 11/23/2018	Prior Week	Change
East	778	803	-25
Midwest	938	959	-21
Mountian	171	174	-3
Pacific	254	258	-4
South Central	914	919	-5
TOTAL	**3,054**	**251**	**2,803**
Prior Year	3,698	668	3,030
5-year avg	3,774	3,823	-49
Current Year vs. Prior Year	-644	-417	-227
Current Year vs. 5-yr Avg.	-720	-3,572	2,852

NYMEX Strips ($/MMBtu)	12/4/18	12/3/18	Change
1-yr strip (Jan '19 - Dec '19)	**$3.231**	$3.166	$0.064
Balance 2019	**$3.231**	$3.166	$0.064
Q1 2019	**$4.233**	$4.088	$0.145
Q2 2019	**$2.883**	$2.837	$0.046
Q3 2019	**$2.864**	$2.827	$0.037
Q4 2019	**$2.943**	$2.913	$0.030
Q1 2020	**$3.057**	$3.034	$0.022
Q2 2020	**$2.482**	$2.490	$(0.008)
Q3 2020	**$2.544**	$2.558	$(0.014)
Q4 2020	**$2.642**	$2.653	$(0.011)
Q1 2021	**$2.827**	$2.834	$(0.008)
Q2 2021	**$2.483**	$2.483	$0.000
Q3 2021	**$2.540**	$2.540	$0.000
Q4 2021	**$2.668**	$2.670	$(0.002)
Q1 2022	**$2.857**	$2.864	$(0.007)
12 month strip	**$3.231**	$3.166	$0.064
24 month strip	**$2.956**	$2.925	$0.031
36 month strip	**$2.847**	$2.827	$0.020
48 month strip	**$2.802**	$2.790	$0.012
60 month strip	**$2.786**	$2.780	$0.007
Calendar 2019	**$3.231**	$3.166	$0.064
Calendar 2020	**$2.681**	$2.684	$(0.003)
Calendar 2021	**$2.630**	$2.632	$(0.002)
Calendar 2022	**$2.665**	$2.677	$(0.012)
Calendar 2023	**$2.726**	$2.740	$(0.014)
Calendar 2024	**$2.802**	$2.816	$(0.014)

Data Source: New York Mercantile Exchange

NYMEX CONTRACT EXPIRATIONS

	Natural Gas	Crude Oil
Jan 2019:	12/27/18	12/19/18
Feb 2019:	1/29/19	1/22/19
Mar 2019:	2/26/19	2/20/19
April 2019:	3/27/19	3/20/19
May 2019:	4/26/19	4/22/19
June 2019:	5/29/19	5/21/19
July 2019:	6/26/19	6/20/19
Aug 2019:	7/29/19	7/22/19
Sep 2019:	8/28/19	8/20/19
Oct 2019:	9/26/19	9/20/19
Nov 2019:	10/29/19	10/22/19
Dec 2019:	11/26/19	11/20/19

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