

Market Settles

| NYMEX Settle Prices | 12/12/17 | 12/11/17 | Change |
|----------------------|---------------|---------------|-----------------|
| Jan-18 | \$2.678 | \$2.828 | \$(0.150) |
| Feb-18 | \$2.694 | \$2.847 | \$(0.153) |
| Mar-18 | \$2.670 | \$2.816 | \$(0.146) |
| Apr-18 | \$2.614 | \$2.722 | \$(0.108) |
| May-18 | \$2.620 | \$2.723 | \$(0.103) |
| Jun-18 | \$2.660 | \$2.760 | \$(0.100) |
| Jul-18 | \$2.699 | \$2.798 | \$(0.099) |
| Aug-18 | \$2.706 | \$2.804 | \$(0.098) |
| Sep-18 | \$2.690 | \$2.787 | \$(0.097) |
| Oct-18 | \$2.719 | \$2.813 | \$(0.094) |
| Nov-18 | \$2.781 | \$2.875 | \$(0.094) |
| Dec-18 | \$2.917 | \$3.010 | \$(0.093) |
| Jan-19 | \$3.011 | \$3.104 | \$(0.093) |
| Feb-19 | \$2.998 | \$3.083 | \$(0.085) |
| Mar-19 | \$2.941 | \$3.020 | \$(0.079) |
| Apr-19 | \$2.673 | \$2.717 | \$(0.044) |
| May-19 | \$2.645 | \$2.679 | \$(0.034) |
| Jun-19 | \$2.669 | \$2.702 | \$(0.033) |
| Jul-19 | \$2.694 | \$2.726 | \$(0.032) |
| Aug-19 | \$2.694 | \$2.726 | \$(0.032) |
| Sep-19 | \$2.679 | \$2.709 | \$(0.030) |
| Oct-19 | \$2.703 | \$2.733 | \$(0.030) |
| Nov-19 | \$2.751 | \$2.780 | \$(0.029) |
| Dec-19 | \$2.894 | \$2.923 | \$(0.029) |
| Jan-20 | \$3.000 | \$3.031 | \$(0.031) |
| Feb-20 | \$2.976 | \$3.007 | \$(0.031) |
| Mar-20 | \$2.925 | \$2.955 | \$(0.030) |
| Apr-20 | \$2.650 | \$2.670 | \$(0.020) |
| May-20 | \$2.626 | \$2.646 | \$(0.020) |
| Jun-20 | \$2.654 | \$2.674 | \$(0.020) |
| Jul-20 | \$2.684 | \$2.704 | \$(0.020) |
| Aug-20 | \$2.699 | \$2.719 | \$(0.020) |
| Sep-20 | \$2.699 | \$2.719 | \$(0.020) |
| Oct-20 | \$2.729 | \$2.749 | \$(0.020) |
| Nov-20 | \$2.799 | \$2.819 | \$(0.020) |
| Dec-20 | \$2.947 | \$2.967 | \$(0.020) |
| Jan-21 | \$3.057 | \$3.077 | \$(0.020) |
| Feb-21 | \$3.031 | \$3.051 | \$(0.020) |
| Mar-21 | \$2.974 | \$2.994 | \$(0.020) |
| Apr-21 | \$2.679 | \$2.689 | \$(0.010) |
| May-21 | \$2.656 | \$2.666 | \$(0.010) |
| NYMEX Liquids | Prompt | Q1 '18 | 12 Month |
| Crude | \$57.14 | \$57.14 | \$56.43 |

Data Source: New York Mercantile Exchange

| NYMEX Strips (\$/MMBtu) | 12/12/17 | 12/11/17 | Change |
|--------------------------------|----------|----------|-----------|
| 1-yr strip (Jan '18 - Dec '18) | \$2.704 | \$2.815 | \$(0.111) |
| Balance 2018 | \$2.704 | \$2.815 | \$(0.111) |
| Q1 2018 | \$2.681 | \$2.830 | \$(0.150) |
| Q2 2018 | \$2.631 | \$2.735 | \$(0.104) |
| Q3 2018 | \$2.698 | \$2.796 | \$(0.098) |
| Q4 2018 | \$2.806 | \$2.899 | \$(0.094) |
| Q1 2019 | \$2.983 | \$3.069 | \$(0.086) |
| Q2 2019 | \$2.662 | \$2.699 | \$(0.037) |
| Q3 2019 | \$2.689 | \$2.720 | \$(0.031) |
| Q4 2019 | \$2.783 | \$2.812 | \$(0.029) |
| Q1 2020 | \$2.967 | \$2.998 | \$(0.031) |
| Q2 2020 | \$2.643 | \$2.663 | \$(0.020) |
| Q3 2020 | \$2.694 | \$2.714 | \$(0.020) |
| Q4 2020 | \$2.825 | \$2.845 | \$(0.020) |
| Q1 2021 | \$3.021 | \$3.041 | \$(0.020) |
| 12 month strip | \$2.704 | \$2.815 | \$(0.111) |
| 24 month strip | \$2.742 | \$2.820 | \$(0.079) |
| 36 month strip | \$2.755 | \$2.815 | \$(0.060) |
| 48 month strip | \$2.769 | \$2.817 | \$(0.048) |
| 60 month strip | \$2.782 | \$2.822 | \$(0.039) |
| Calendar 2018 | \$2.704 | \$2.815 | \$(0.111) |
| Calendar 2019 | \$2.779 | \$2.825 | \$(0.046) |
| Calendar 2020 | \$2.782 | \$2.805 | \$(0.023) |
| Calendar 2021 | \$2.812 | \$2.824 | \$(0.013) |
| Calendar 2022 | \$2.834 | \$2.839 | \$(0.005) |
| Calendar 2023 | \$2.875 | \$2.874 | \$0.002 |

Data Source: New York Mercantile Exchange

NYMEX CONTRACT EXPIRATIONS

| | Natural Gas | Crude Oil |
|-------------|-------------|-----------|
| Jan 2018: | 12/27/17 | 12/19/17 |
| Feb 2018: | 1/29/18 | 1/22/18 |
| Mar 2018: | 2/26/18 | 2/20/18 |
| April 2018: | 3/27/18 | 3/20/18 |
| May 2018: | 4/26/18 | 4/20/18 |
| June 2018: | 5/29/18 | 5/22/18 |
| July 2018: | 6/27/18 | 6/20/18 |
| Aug 2018: | 7/27/18 | 7/20/18 |
| Sep 2018: | 8/29/18 | 8/21/18 |
| Oct 2018: | 9/26/18 | 9/20/18 |
| Nov 2018: | 10/29/18 | 10/22/18 |
| Dec 2018: | 11/28/18 | 11/19/18 |

| | | |
|---------------------|--------------------------------|----------|
| Prompt Month | NYMEX January 2018 Natural Gas | 12/27/17 |
| Contract Expiration | NYMEX January 2018 Crude Oil | 12/19/17 |

Data Source: New York Mercantile Exchange

| E.I.A. Storage Data - Next report: 12/14/2017, 10:30 EDT, for week ending Dec 8, 2017 | | | |
|---|----------------------|--------------|----------|
| Region | Week Ended 12/1/2017 | Prior Week | Change |
| East | 868 | 876 | -8 |
| Midwest | 1,058 | 1,068 | -10 |
| Mountain | 221 | 221 | 0 |
| Pacific | 313 | 314 | -1 |
| South Central | 1,235 | 1,214 | 21 |
| TOTAL | 3,695 | 3,693 | 2 |
| Prior Year | 3,960 | 4,001 | -41 |
| 5-year avg | 3,731 | 3,800 | -69 |
| Current Year vs. Prior Year | -265 | -308 | 43 |
| Current Year vs. 5-yr Avg. | -36 | -107 | 71 |

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