

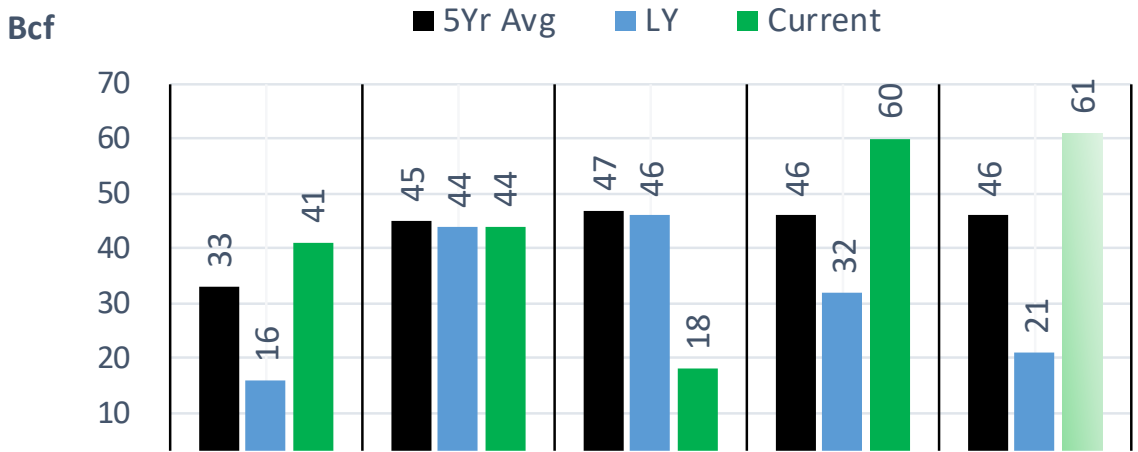
	Winter 21/22					Summer 22			M to J MoM	June YoY	Q2 YoY
	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22			
U S Dry Production (L48 only)	95.9	95.9	93.7	92.9	93.8	94.9	95.9	96.7	0.8	4.5	3.7
Net Imports from Canada	5.2	4.6	6.7	6.4	5.0	5.6	5.0	5.4	0.4	0.8	0.9
Power	29.4	28.6	31.6	29.1	25.3	25.2	29.9	38.3	8.3	2.1	1.9
Res	15.8	21.4	31.0	28.4	19.1	13.1	6.5	4.1	-2.4	-0.1	0.4
Comm	11.1	12.9	17.8	16.6	12.5	9.3	5.9	4.9	-1.0	0.2	0.5
Ind	24.0	24.7	26.1	25.5	24.1	23.0	21.8	21.6	-0.2	0.6	0.7
Vehicle	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Lease and Plant Fuel	5.3	5.3	5.1	5.1	5.2	5.2	5.3	5.3	0.0	0.3	0.2
Pipeline and Distribution	2.9	3.2	3.8	3.6	2.9	2.6	2.4	2.5	0.2	0.1	0.1
Total Consumption	88.7	96.1	115.6	108.6	89.2	78.6	71.9	76.9	5.1	3.1	3.8
Net Exports to Mexico	5.5	5.4	5.6	5.5	5.5	5.9	6.0	6.0	0.1	-0.6	-0.3
Net LNG Export Only	10.2	11.1	11.2	11.2	11.7	11.0	11.3	10.0	-1.3	1.0	1.0
Balancing Item	-2.4	0.4	-1.3	1.0	1.0	0.9	0.1	0.6	0.5	0.8	1.0
Daily Storage Activity	-4.6	-10.6	-32.2	-23.7	-5.5	7.0	12.9	10.7	-2.2	2.5	1.2
Monthly Storage Activity	-138	-328	-999	-664	-169	209	398	321	-78	76	34
South Central Storage Level	1169	1143	794	581	587	731	841	884	44	-109	
Pacific Storage Level	266	218	194	163	165	177	207	240	32	-6	
Midwest Storage Level	1023	887	575	372	296	330	444	556	112	-73	
East Storage Level	842	766	503	332	242	259	371	482	111	-33	
Mountain Storage Level	204	171	128	93	90	93	117	137	20	-38	
L48 Storage Level	3505	3185	2193	1541	1381	1591	1979	2299	320	-259	
L48 Population CDD	0.4	0.7	0.2	0.4	0.7	1.8	5.1	9.3	4.1	0.0	0.4
L48 Population HDD	16.2	19.0	28.9	24.6	15.9	10.6	3.5	0.6	-2.9	-0.2	0.2
Henry Hub Settle	\$6.20	\$5.45	\$4.02	\$6.27	\$4.57	\$5.34	\$7.27	\$8.91	\$1.64	\$5.29	\$3.04

	Winter 21/22 YoY					Summer 22 YOY		
	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
U S Dry Production (L48 only)	4.9	4.9	1.9	7.8	2.6	2.7	3.9	4.5
Net Imports from Canada	0.9	-1.1	0.5	-0.2	0.3	1.1	0.7	0.8
Power	3.8	0.4	3.4	1.0	1.0	0.0	3.6	2.1
Res	1.1	-4.4	2.7	-2.5	0.8	1.8	-0.5	-0.1
Comm	1.3	-1.8	2.0	-0.9	1.1	1.2	0.1	0.2
Ind	0.7	-0.4	0.8	1.8	1.6	0.7	0.8	0.6
Vehicle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lease and Plant Fuel	0.3	0.3	0.1	0.5	0.2	0.2	0.2	0.3
Pipeline and Distribution	0.3	-0.2	0.3	0.0	0.2	0.1	0.1	0.1
Total Consumption	7.5	-6.1	9.4	-0.1	4.8	4.0	4.3	3.1
Net Exports to Mexico	0.0	0.1	0.0	0.6	-0.4	-0.2	-0.2	-0.6
Net LNG Export Only	0.9	1.5	1.6	3.9	1.4	0.8	1.2	1.0
Balancing Item	-2.2	0.5	-0.7	1.3	-0.5	2.0	0.3	0.8
Daily Storage Activity	-4.6	8.8	-9.3	4.4	-3.4	1.3	-0.4	2.5
Monthly Storage Activity	-139	274	-287	123	-105	39	-12	76
South Central Storage Level	-144	-12	-151	-99	-173	-101	-138	-109
Pacific Storage Level	-50	-64	-66	-46	-32	-47	-67	-6
Midwest Storage Level	-85	-31	-117	-81	-99	-108	-87	-73
East Storage Level	-87	3	-54	-46	-71	-74	-55	-33
Mountain Storage Level	-32	-24	-27	-22	-23	-31	-38	-38
L48 Storage Level	-397	-128	-415	-294	-397	-361	-386	-259
L48 Population CDD	-0.5	0.5	0.1	0.0	0.0	0.3	1.3	-0.4
L48 Population HDD	2.6	-4.5	3.5	-3.1	0.6	1.1	-0.9	0.2
Henry Hub Settle	\$3.21	\$2.55	\$1.56	\$3.51	\$1.71	\$2.75	\$4.34	\$5.92

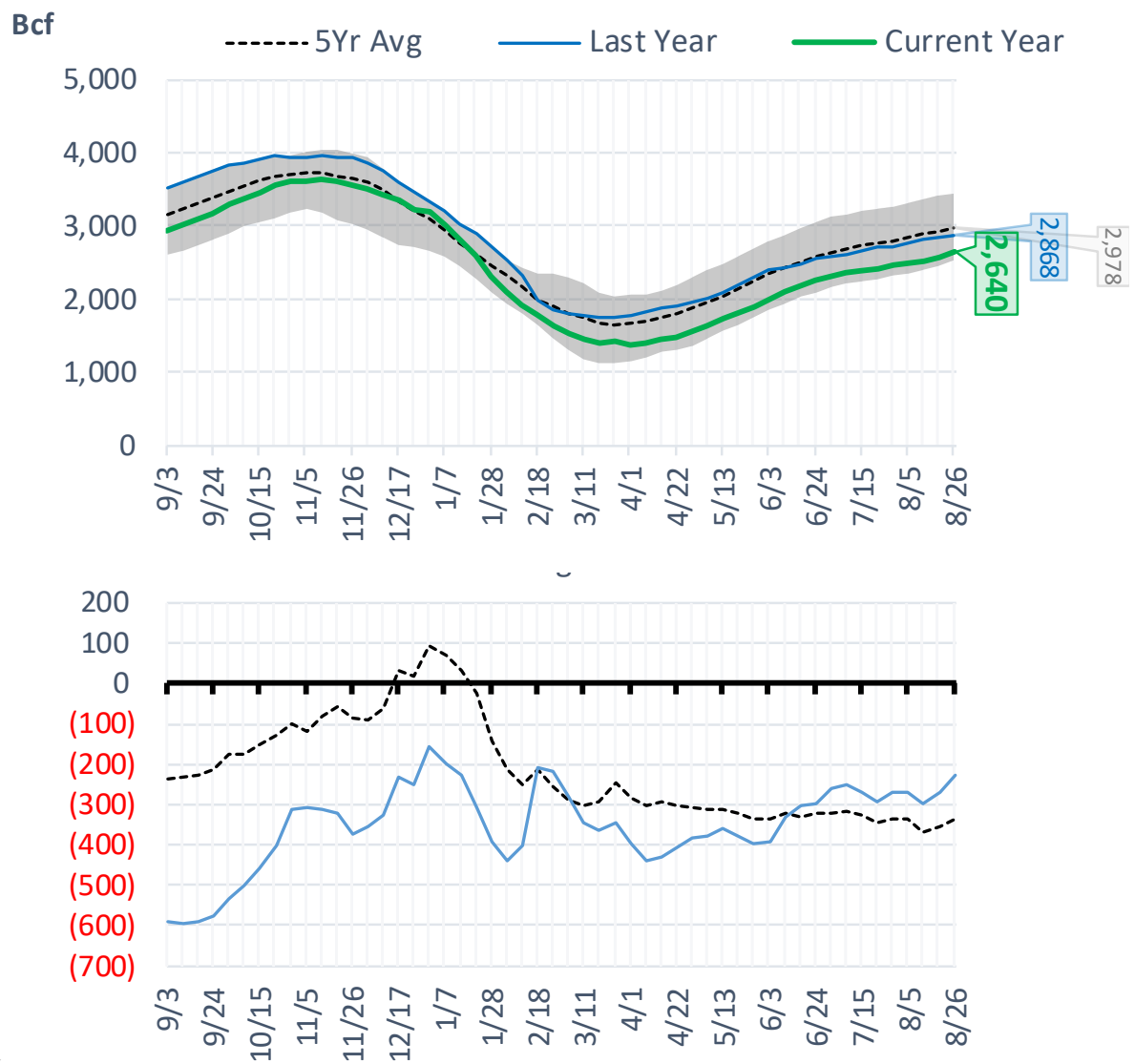
Updated June  
S/D EIA data

Go to  
Online  
Dashboards

## Total Lower 48 YoY Weekly Change



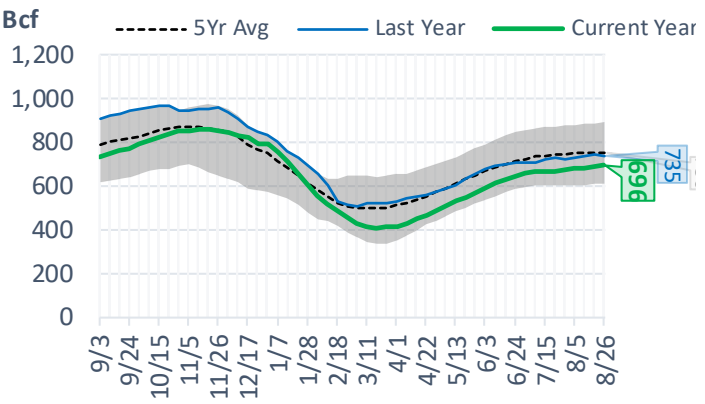
## Total Lower 48 Storage Levels



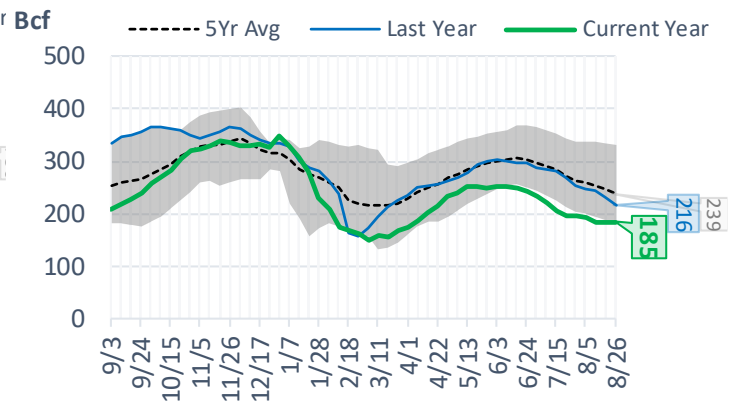
## Natural Gas Storage Stats - Last 5 Weeks

Week Ending	Current 26-Aug	Week - 1 19-Aug	Week - 2 12-Aug	Week - 3 5-Aug	Week - 4 29-Jul	Week - 5 22-Jul
<b>Total Lower 48 Storage Level</b>	<b>2640</b>	2579	2519	2501	2457	2416
<b>Weekly Change</b>	<b>+61</b>	+60	+18	+44	+41	+15
<b>vs LY</b>	<b>-228</b>	-268	-296	-268	-268	-293
<b>vs 5Yr Avg</b>	<b>-338</b>	-353	-367	-338	-337	-345
<b>S. Central Salt Storage Level</b>	<b>185</b>	184	185	193	195	195
<b>Weekly Change</b>	<b>+1</b>	-1	-8	-2	0	-11
<b>vs LY</b>	<b>-31</b>	-47	-59	-54	-58	-75
<b>vs 5Yr Avg</b>	<b>-54</b>	-62	-68	-66	-68	-77
<b>S. Central NonSalt Storage Level</b>	<b>696</b>	687	681	681	671	667
<b>Weekly Change</b>	<b>+9</b>	+6	0	+10	+4	-2
<b>vs LY</b>	<b>-39</b>	-55	-59	-50	-55	-61
<b>vs 5Yr Avg</b>	<b>-60</b>	-68	-72	-68	-73	-76
<b>Midwest Storage Level</b>	<b>747</b>	714	684	663	643	625
<b>Weekly Change</b>	<b>+33</b>	+30	+21	+20	+18	+17
<b>vs LY</b>	<b>-62</b>	-72	-78	-75	-74	-74
<b>vs 5Yr Avg</b>	<b>-64</b>	-71	-74	-69	-66	-65
<b>East Storage Level</b>	<b>614</b>	598	571	564	549	532
<b>Weekly Change</b>	<b>+16</b>	+27	+7	+15	+17	+11
<b>vs LY</b>	<b>-62</b>	-61	-72	-61	-52	-48
<b>vs 5Yr Avg</b>	<b>-97</b>	-91	-96	-83	-77	-74
<b>Mountain Storage Level</b>	<b>157</b>	153	151	148	147	144
<b>Weekly Change</b>	<b>+4</b>	+2	+3	+1	+3	0
<b>vs LY</b>	<b>-33</b>	-35	-37	-37	-37	-40
<b>vs 5Yr Avg</b>	<b>-31</b>	-33	-32	-33	-31	-31
<b>Pacific Storage Level</b>	<b>241</b>	243	248	252	253	253
<b>Weekly Change</b>	<b>-2</b>	-5	-4	-1	0	0
<b>vs LY</b>	<b>-2</b>	+2	+8	+11	+9	+7
<b>vs 5Yr Avg</b>	<b>-32</b>	-29	-24	-20	-20	-22

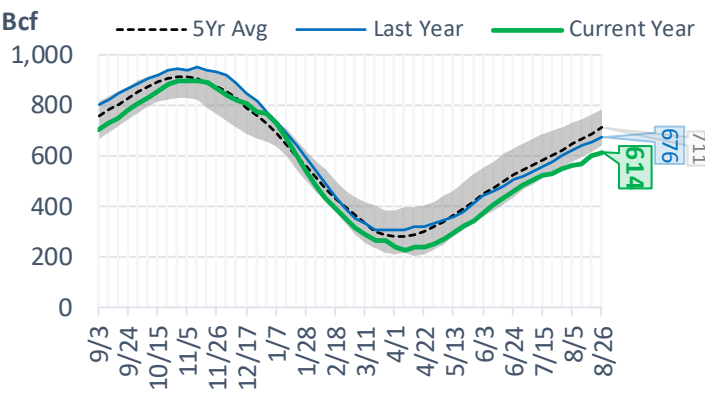
## NonSalt Storage Levels



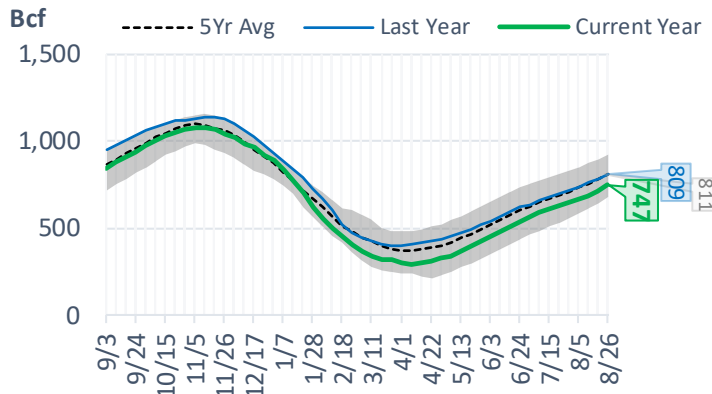
## Salt Storage Levels



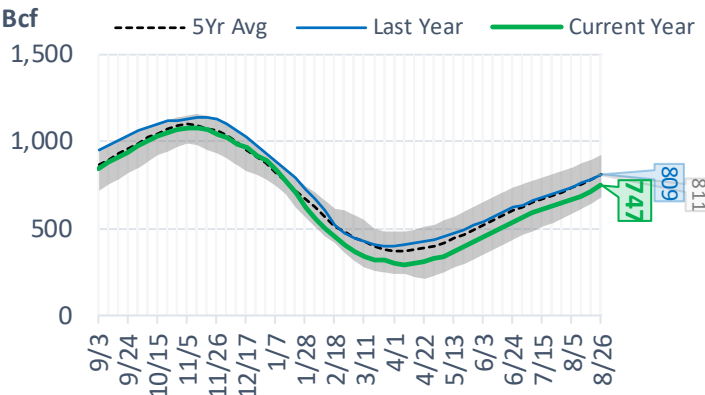
## East Storage Levels



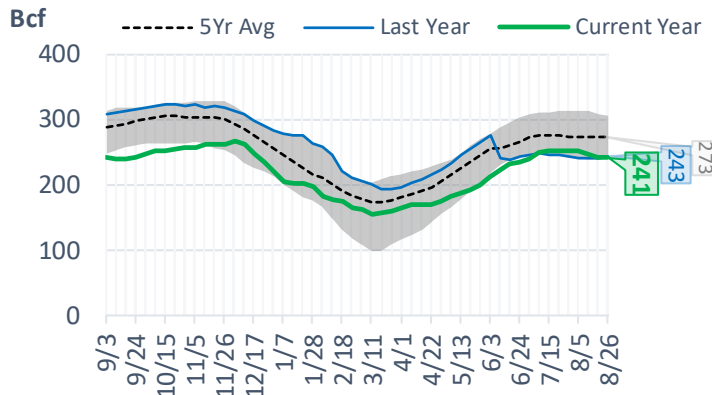
## Midwest Storage Levels



## Midwest Storage Levels



## Pacific Storage Levels



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## EIA Storage Week Balances

	29-Jul	5-Aug	12-Aug	19-Aug	26-Aug	2-Sep	WoW	vs. 4W
<b>Lower 48 Dry Production</b>	<b>97.5</b>	<b>98.8</b>	<b>98.3</b>	<b>97.8</b>	<b>98.7</b>	<b>99.9</b>	▲ 1.2	▲ 1.5
<b>Canadian Imports</b>	<b>5.9</b>	<b>5.7</b>	<b>5.4</b>	<b>4.8</b>	<b>5.4</b>	<b>5.7</b>	▲ 0.3	▲ 0.4
L48 Power	44.6	44.1	45.5	39.6	41.2	42.1	▲ 0.9	▼ -0.5
L48 Residential & Commercial	9.1	8.6	8.6	8.1	8.2	8.1	▼ -0.1	▼ -0.3
L48 Industrial	19.1	20.4	21.2	21.3	21.1	21.8	▲ 0.7	▲ 0.8
L48 Lease and Plant Fuel	5.3	5.4	5.3	5.3	5.4	5.4	▲ 0.1	▲ 0.1
L48 Pipeline Distribution	2.9	2.8	2.9	2.5	2.6	2.7	▲ 0.1	▼ 0.0
<b>L48 Regional Gas Consumption</b>	<b>81.0</b>	<b>81.3</b>	<b>83.5</b>	<b>76.8</b>	<b>78.5</b>	<b>80.1</b>	▲ 1.6	▲ 0.0
<b>Net LNG Exports</b>	<b>10.7</b>	<b>10.9</b>	<b>10.9</b>	<b>10.9</b>	<b>11.1</b>	<b>11.0</b>	▼ -0.1	▲ 0.0
<b>Total Mexican Exports</b>	<b>6.9</b>	<b>6.9</b>	<b>7.0</b>	<b>7.0</b>	<b>6.9</b>	<b>6.8</b>	▼ -0.1	▼ -0.1
<b>Implied Daily Storage Activity</b>	<b>4.8</b>	<b>5.4</b>	<b>2.3</b>	<b>7.9</b>	<b>7.6</b>	<b>7.8</b>	<b>0.2</b>	
<b>EIA Reported Daily Storage Activity</b>	<b>5.9</b>	<b>6.3</b>	<b>2.6</b>	<b>8.6</b>	<b>8.7</b>			
<b>Daily Model Error</b>	<b>-1.1</b>	<b>-0.9</b>	<b>-0.3</b>	<b>-0.6</b>	<b>-1.1</b>			

## Monthly Balances

	2Yr Ago Sep-20	LY Sep-21	May-22	Jun-22	Jul-22	Aug-22	MTD Sep-22	MoM	vs. LY
<b>Lower 48 Dry Production</b>	<b>88.9</b>	<b>93.6</b>	<b>95.8</b>	<b>96.5</b>	<b>97.2</b>	<b>98.6</b>	<b>100.0</b>	▲ 1.3	▲ 6.4
<b>Canadian Imports</b>	<b>3.8</b>	<b>5.1</b>	<b>5.1</b>	<b>5.7</b>	<b>5.9</b>	<b>5.4</b>	<b>5.7</b>	▲ 0.4	▲ 0.6
L48 Power	34.4	33.1	29.8	38.0	43.7	42.5	42.2	▼ -0.3	▲ 9.1
L48 Residential & Commercial	8.9	8.7	12.4	9.1	9.0	8.3	8.2	▼ -0.1	▼ -0.6
L48 Industrial	19.9	20.2	19.7	18.7	19.5	21.2	22.5	▲ 1.3	▲ 2.3
L48 Lease and Plant Fuel	4.8	5.1	5.3	5.3	5.3	5.4	5.4	▲ 0.1	▲ 0.3
L48 Pipeline Distribution	2.4	2.3	2.4	2.5	2.8	2.7	2.8	▲ 0.1	▲ 0.5
<b>L48 Regional Gas Consumption</b>	<b>70.4</b>	<b>69.5</b>	<b>69.5</b>	<b>73.7</b>	<b>80.2</b>	<b>80.1</b>	<b>81.1</b>	▲ 1.0	▲ 11.6
<b>Net LNG Exports</b>	<b>5.9</b>	<b>10.3</b>	<b>12.5</b>	<b>11.2</b>	<b>10.9</b>	<b>11.0</b>	<b>11.2</b>	▲ 0.3	▲ 0.9
<b>Total Mexican Exports</b>	<b>6.1</b>	<b>6.7</b>	<b>7.0</b>	<b>7.1</b>	<b>7.0</b>	<b>6.9</b>	<b>6.7</b>	▼ -0.2	▲ 0.0
<b>Implied Daily Storage Activity</b>	<b>10.3</b>	<b>12.1</b>	<b>11.9</b>	<b>10.2</b>	<b>5.0</b>	<b>6.0</b>	<b>6.6</b>		
<b>EIA Reported Daily Storage Activity</b>									
<b>Daily Model Error</b>					<b>0.2</b>				

Source: Bloomberg, analytix.ai

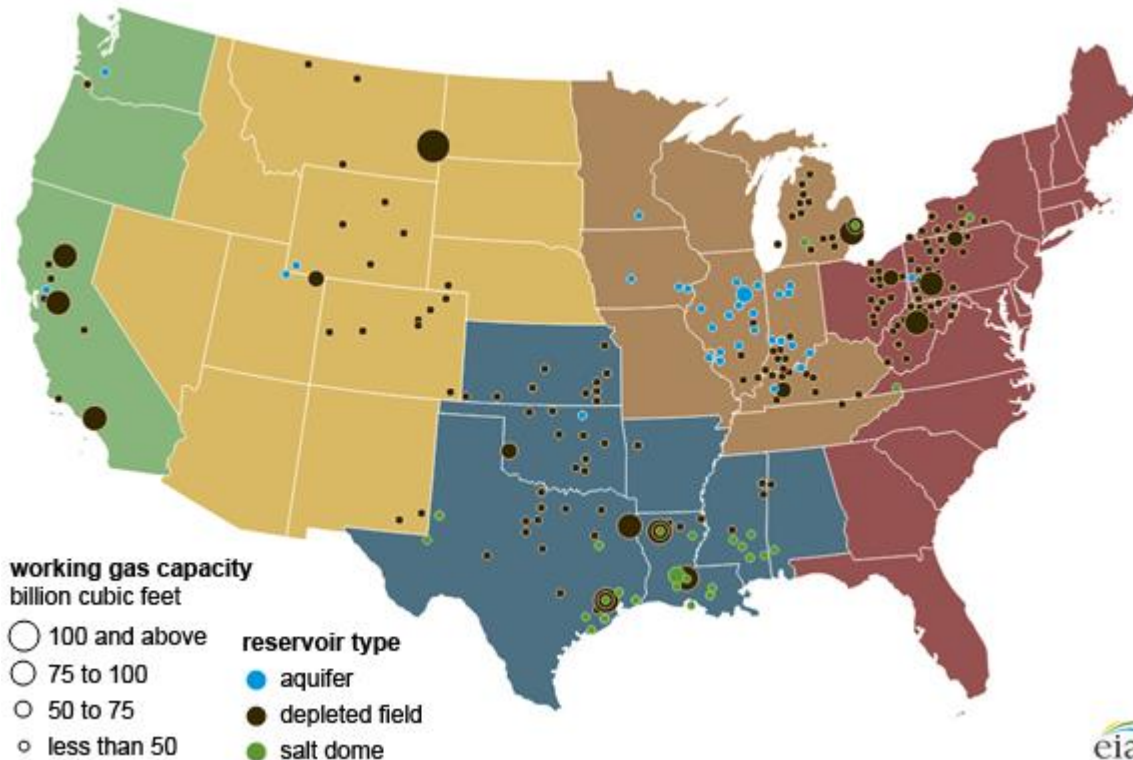
## Regional S/D Models Storage Projection

Week Ending 2-Sep

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	8.7	0.1	8.9	62
East	1.0	1.7	2.7	19
Midwest	4.4	-0.2	4.1	29
Mountain	4.5	-4.0	0.4	3
South Central	-1.4	3.4	1.9	13
Pacific	0.4	-0.7	-0.3	-2

\*Adjustment Factor is calculated based on historical regional deltas

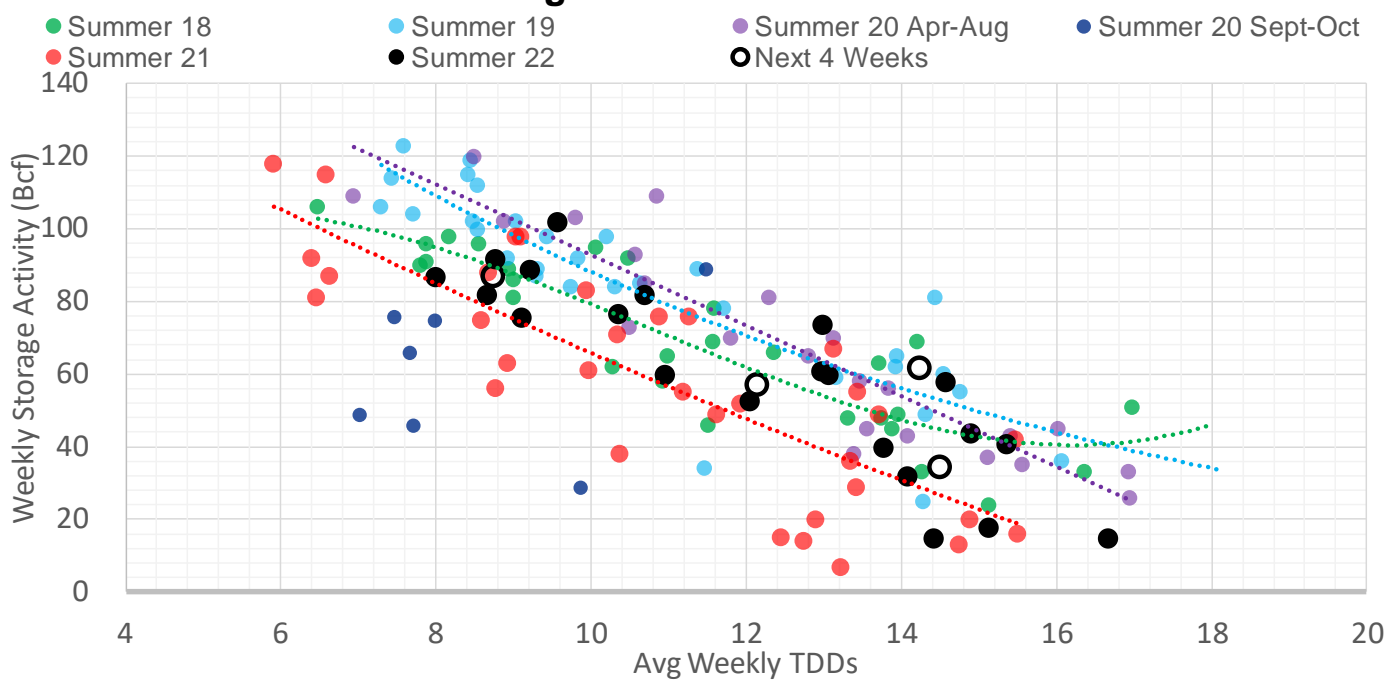
U.S. underground natural gas storage facilities by type (July 2015)



## Weather Model Storage Projection

Next report and beyond		
Week Ending	GWDDs	Week Storage Projection
02-Sep	14.2	62
09-Sep	14.5	35
16-Sep	12.1	57
23-Sep	8.7	88

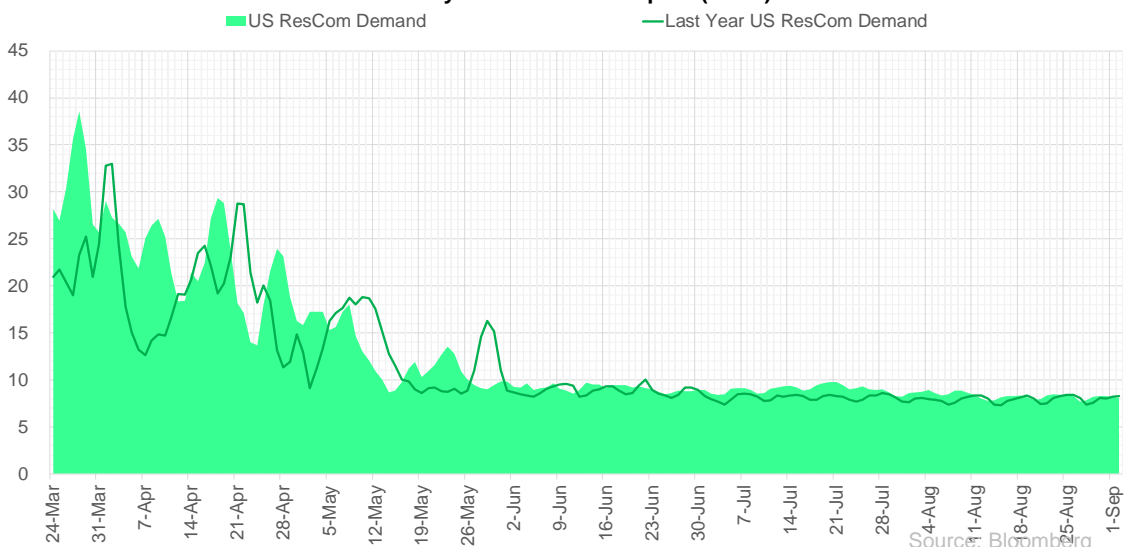
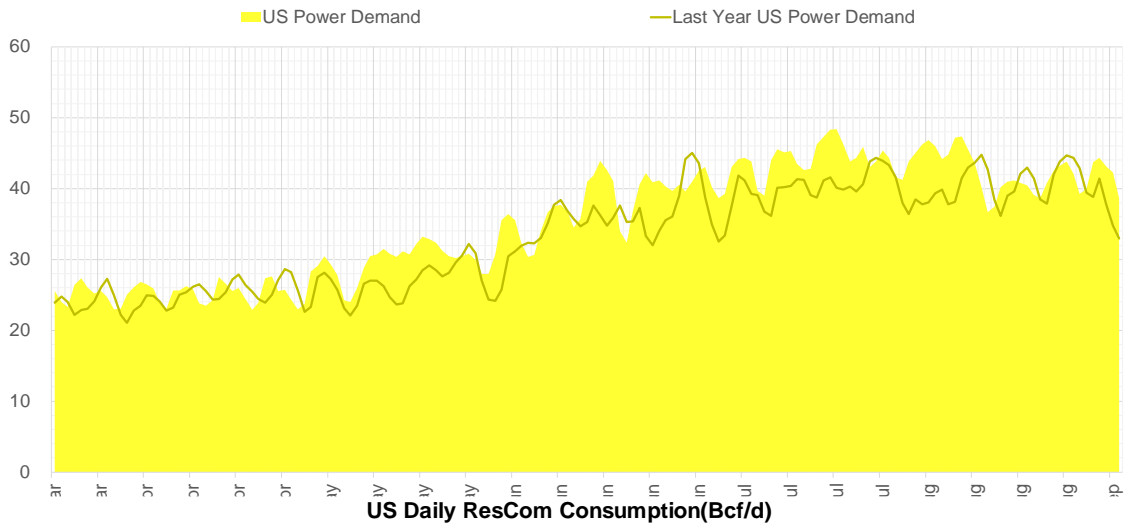
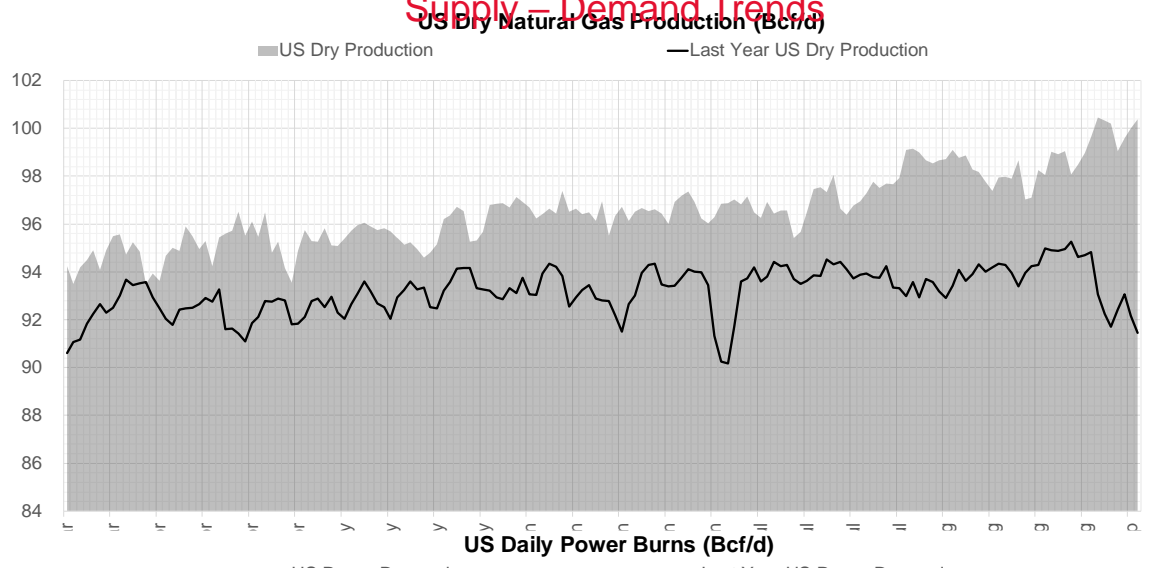
## Weather Storage Model - Next 4 Week Forecast



Note: this is not our official end of season forecast. This chart signifies where storage levels end with 10-year normal weather and current market tightness relative to last year

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## Supply – Demand Trends

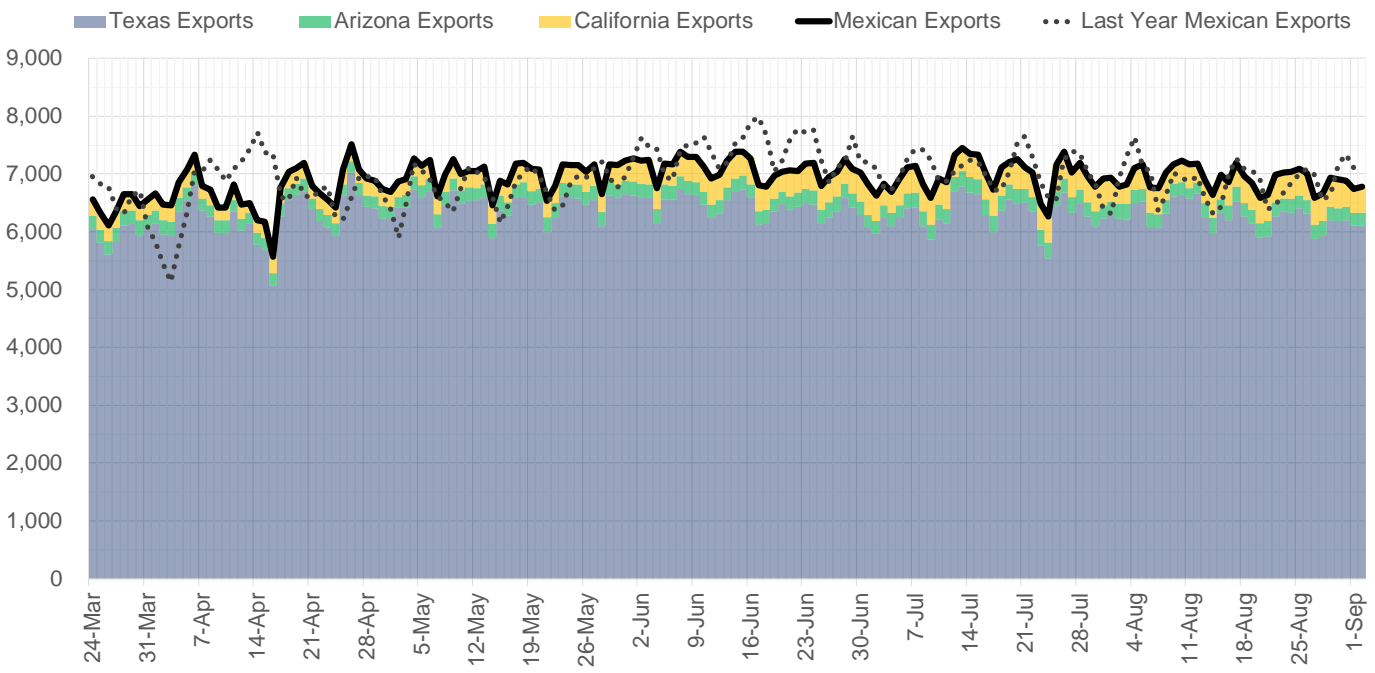


Source: Bloomberg

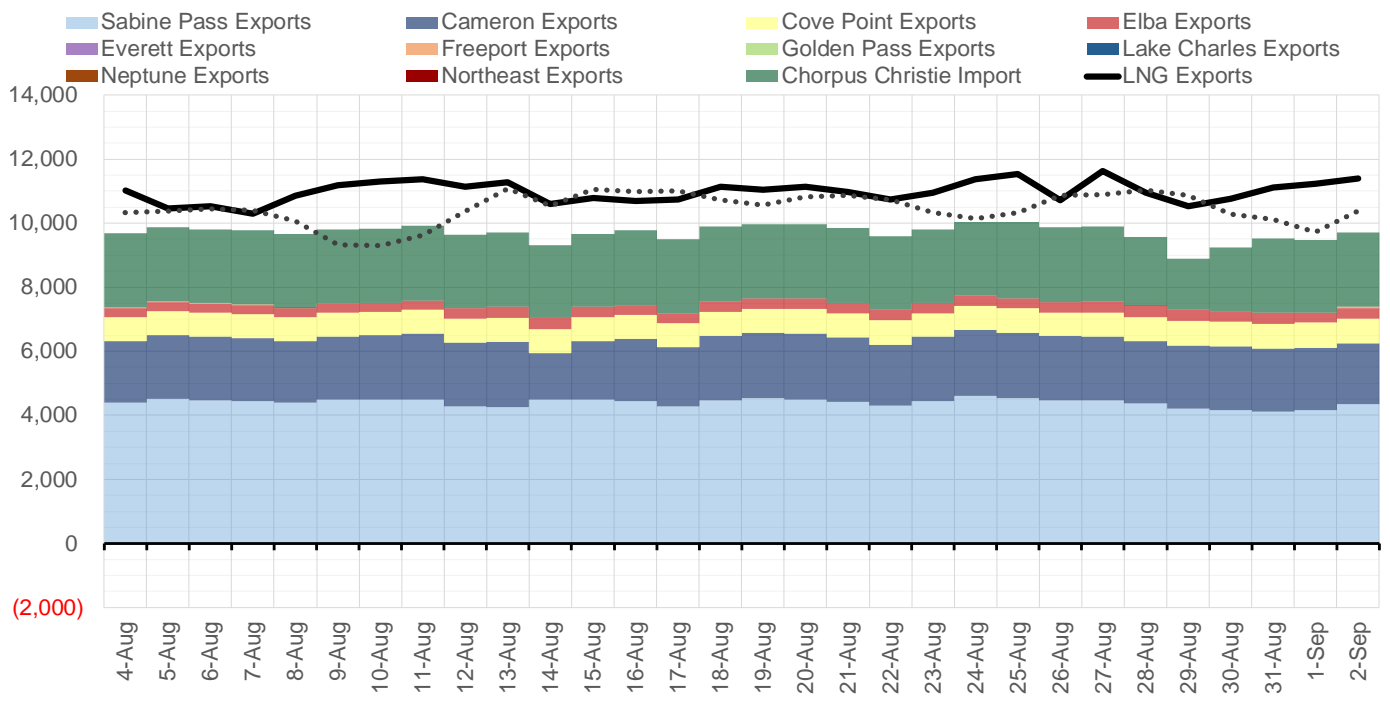
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## Mexican Exports (MMcf/d)



## Net LNG Exports - Last 30 days (MMcf/d)



Source: Bloomberg

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## Nat Gas Options Volume and Open Interest CME and ICE data combined

CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
12	2022	P	4.00	5758	10	2022	P	3.00	36676
10	2022	P	6.00	4762	10	2022	C	6.00	36012
12	2022	P	6.00	4385	10	2022	P	6.00	33211
12	2022	P	5.00	4086	10	2022	P	5.00	30745
10	2022	C	10.00	3648	10	2022	P	2.50	28111
10	2022	P	7.00	3565	12	2022	P	5.00	23434
11	2022	P	5.00	3559	10	2022	C	5.00	23273
10	2022	C	12.00	3140	10	2022	P	3.50	22294
5	2023	P	2.00	2248	5	2023	P	2.00	22127
10	2022	P	5.50	2226	11	2022	P	4.00	21650
10	2022	P	8.00	2057	3	2023	C	10.00	21504
10	2022	P	9.00	1985	10	2022	C	10.00	21353
11	2022	P	5.25	1700	10	2022	P	4.00	21271
12	2022	P	5.25	1700	10	2022	C	12.00	21068
10	2022	C	10.50	1681	11	2022	P	6.00	18817
10	2022	P	5.00	1653	11	2022	P	5.00	18325
4	2023	P	5.00	1615	12	2022	C	5.00	18218
2	2023	P	5.25	1600	3	2023	P	3.00	18152
1	2023	P	6.00	1572	3	2023	C	20.00	17881
10	2022	C	9.00	1524	10	2023	P	2.50	17300
12	2022	P	5.50	1471	10	2022	P	5.50	17116
10	2022	P	7.50	1428	10	2022	C	8.00	16902
11	2022	C	12.00	1420	10	2022	P	2.00	16759
12	2022	P	7.00	1376	4	2023	P	3.00	16644
3	2023	C	1.00	1308	10	2023	P	3.00	16448
3	2023	P	1.00	1308	10	2022	P	8.00	16427
4	2023	P	2.75	1200	12	2022	C	4.00	16194
5	2023	P	2.75	1200	2	2023	C	10.00	16070
6	2023	P	2.75	1200	10	2022	P	7.00	15935
7	2023	P	2.75	1200	11	2022	C	4.00	15755
8	2023	P	2.75	1200	10	2023	P	2.00	15510
9	2023	P	2.75	1200	10	2022	P	3.25	15196
10	2023	P	2.75	1200	1	2023	C	10.00	15184
4	2023	P	2.00	1190	10	2022	C	7.00	15121
6	2023	P	2.00	1190	1	2023	P	5.00	14968
4	2024	C	10.00	1000	2	2023	C	9.00	14723
5	2024	C	10.00	1000	11	2022	C	12.00	14633
6	2024	C	10.00	1000	10	2022	C	11.00	14595
7	2024	C	10.00	1000	11	2022	C	10.00	14229
8	2024	C	10.00	1000	12	2022	C	6.00	13981
9	2024	C	10.00	1000	10	2022	C	9.00	13883
10	2024	C	10.00	1000	6	2023	P	3.00	13695
1	2023	C	9.25	950	5	2023	P	3.00	13598
1	2023	C	9.65	950	11	2022	C	8.00	13564
4	2023	C	8.00	950	4	2023	P	2.00	13538
4	2024	P	2.75	950	12	2022	P	4.00	13316
5	2024	P	2.75	950	10	2022	C	4.00	13309
6	2024	P	2.75	950	10	2022	P	2.75	13286
7	2024	P	2.75	950	10	2022	C	3.00	13214
					7	2023	P	3	13075

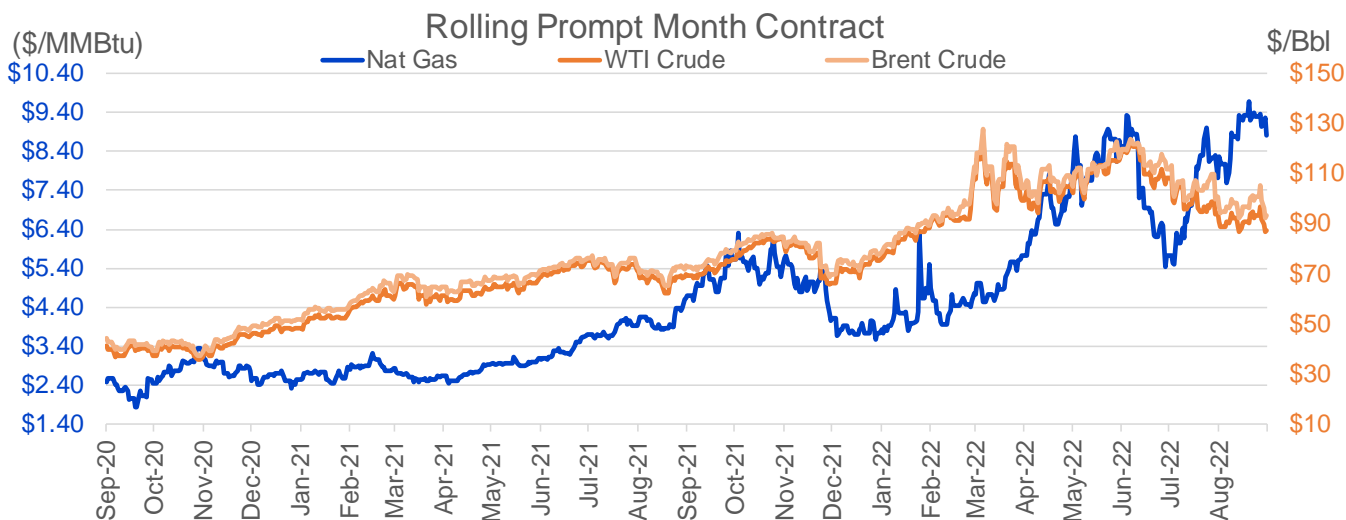
Source: CME, ICE

## Nat Gas Futures Open Interest

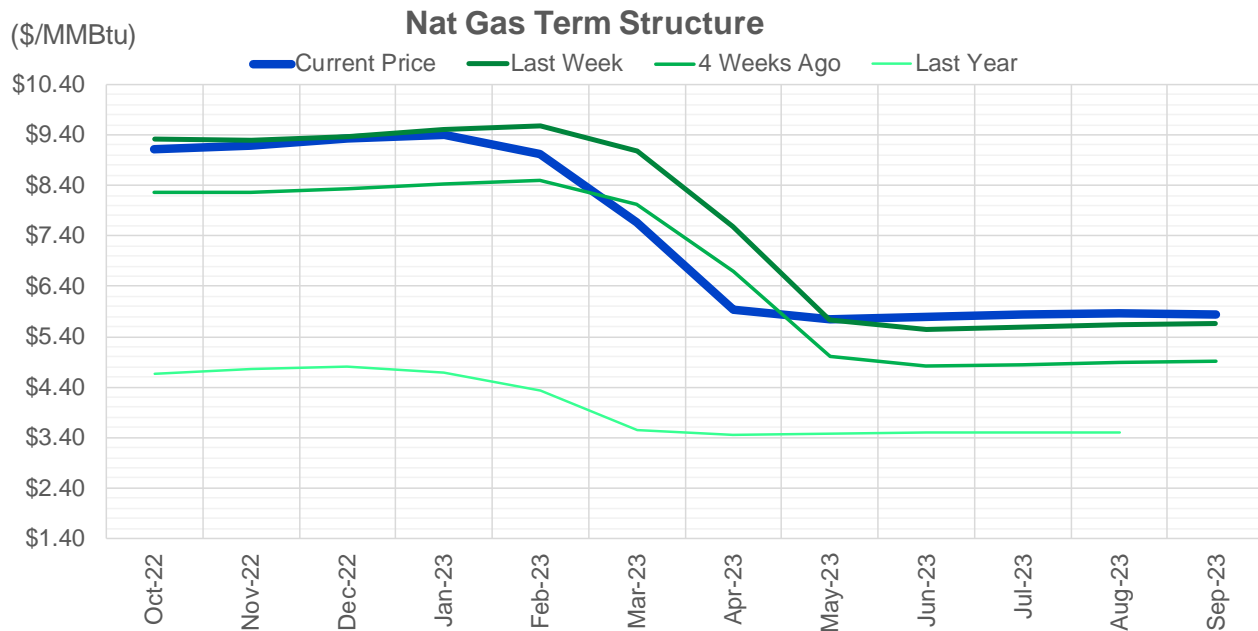
CME and ICE data combined

CME Henry Hub Futures (10,000 MMBtu)				ICE Henry Hub Futures Contract Equivalent (10,000 MM			
	Current	Prior	Daily Change		Current	Prior	Daily Change
OCT 22	117692	119532	-1840	OCT 22	77247	77594	-347
NOV 22	128025	128562	-537	NOV 22	71067	70239	828
DEC 22	69671	69677	-6	DEC 22	67311	67040	271
JAN 23	87122	87624	-502	JAN 23	68401	67945	456
FEB 23	39804	39120	684	FEB 23	64213	63965	248
MAR 23	62112	59832	2280	MAR 23	55098	54978	121
APR 23	71532	70671	861	APR 23	55369	55487	-118
MAY 23	77738	77049	689	MAY 23	53762	53591	171
JUN 23	23938	24387	-449	JUN 23	45423	45538	-116
JUL 23	24898	24914	-16	JUL 23	44807	44829	-22
AUG 23	19624	19459	165	AUG 23	43738	43531	206
SEP 23	22393	22136	257	SEP 23	43038	42844	195
OCT 23	53301	53922	-621	OCT 23	50418	50448	-30
NOV 23	15275	14318	957	NOV 23	46484	45953	531
DEC 23	12769	12584	185	DEC 23	41272	41263	10
JAN 24	19903	19994	-91	JAN 24	40311	40216	95
FEB 24	8421	8378	43	FEB 24	31070	31070	0
MAR 24	18456	18292	164	MAR 24	36088	36069	19
APR 24	14942	14917	25	APR 24	28536	28361	175
MAY 24	7335	7347	-12	MAY 24	27500	27368	131
JUN 24	2888	2899	-11	JUN 24	24900	24756	144
JUL 24	3341	2570	771	JUL 24	24638	24506	133
AUG 24	3455	3446	9	AUG 24	24377	24245	133
SEP 24	2057	2074	-17	SEP 24	24170	24042	129
OCT 24	8581	9136	-555	OCT 24	27846	27553	293
NOV 24	4917	4943	-26	NOV 24	25133	25124	9
DEC 24	8113	8136	-23	DEC 24	28513	28504	9
JAN 25	16800	16755	45	JAN 25	22324	22483	-159
FEB 25	1116	1115	1	FEB 25	14720	14670	50
MAR 25	5122	5141	-19	MAR 25	17013	16923	90

Source: CME, ICE



The risk of trading futures and options and other derivatives involves a substantial risk of loss and is not suitable for all persons. Each person must consider whether a particular trade, combination of trades, or strategy is suitable for that person's financial means and objectives. Past results are not necessarily indicative of future results. This communication may contain links to third party websites which are not under the control of and are not maintained by ION Energy Group, and ION Energy Group is not responsible for their content.




	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
<b>Current Price</b>	<b>\$9.127</b>	<b>\$9.189</b>	<b>\$9.326</b>	<b>\$9.396</b>	<b>\$9.013</b>	<b>\$7.660</b>	<b>\$5.925</b>	<b>\$5.753</b>	<b>\$5.798</b>	<b>\$5.846</b>	<b>\$5.858</b>	<b>\$5.842</b>
Last Week	\$9.330	\$9.300	\$9.369	\$9.504	\$9.570	\$9.079	\$7.578	\$5.740	\$5.551	\$5.596	\$5.642	\$5.653
vs. Last Week	-\$0.203	-\$0.111	-\$0.043	-\$0.108	-\$0.557	-\$1.419	-\$1.653	\$0.013	\$0.247	\$0.250	\$0.216	\$0.189
4 Weeks Ago	\$8.266	\$8.262	\$8.331	\$8.429	\$8.490	\$8.035	\$6.692	\$5.002	\$4.812	\$4.853	\$4.897	\$4.911
vs. 4 Weeks Ago	\$0.861	\$0.927	\$0.995	\$0.967	\$0.523	-\$0.375	-\$0.767	\$0.751	\$0.986	\$0.993	\$0.961	\$0.931
Last Year	\$4.615	\$4.663	\$4.749	\$4.798	\$4.683	\$4.321	\$3.553	\$3.442	\$3.467	\$3.499	\$3.506	\$3.492
vs. Last Year	\$4.512	\$4.526	\$4.577	\$4.598	\$4.330	\$3.339	\$2.372	\$2.311	\$2.331	\$2.347	\$2.352	\$2.350

	Units	Current Price	vs. Last Week	vs. 4 Weeks Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 1.200
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.310
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.008
NatGas Apr22/Oct22	\$/MMBtu	3.926	▼ -0.082	▲ 1.148	▲ 3.956
WTI Crude	\$/Bbl	86.61	▼ -5.910	▼ -1.930	▲ 16.620
Brent Crude	\$/Bbl	92.36	▼ -6.980	▼ -1.760	▲ 19.330
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	356.12	▼ -38.790	▲ 22.400	▲ 139.350
Propane, Mt. Bel	cents/Gallon	1.08	▼ -0.010	▼ -0.003	▼ -0.104
Ethane, Mt. Bel	cents/Gallon	0.58	▼ -0.031	▲ 0.010	▲ 0.216
Coal, PRB	\$/MTon	12.30	▲ 0.000	▲ 0.000	▲ 0.000
Coal, PRB	\$/MMBtu	0.70			

Source: CME, Bloomberg

## Baker Hughes Rig Counts

Rotary Rig Count						Baker Hughes 
9/2/2022						
U.S. Breakout Information	This Week	+/-	Last Week	+/-	Year Ago	
Oil	596	-9	605	202	394	
Gas	162	4	158	60	102	
Miscellaneous	2	0	2	1	1	
Directional	39	-1	40	28	11	
Horizontal	695	1	694	232	463	
Vertical	26	-5	31	3	23	
Canada Breakout	This Week	+/-	Last Week	+/-	Year Ago	
Oil	143	7	136	51	92	
Gas	65	0	65	5	60	
Major Basin Variances	This Week	+/-	Last Week	+/-	Year Ago	
Ardmore Woodford	4	1	3	0	4	
Arkoma Woodford	7	1	6	6	1	
Barnett	3	0	3	3	0	
Cana Woodford	21	-1	22	4	17	
DJ-Niobrara	17	0	17	5	12	
Eagle Ford	71	1	70	36	35	
Granite Wash	7	0	7	3	4	
Haynesville	71	1	70	23	48	
Marcellus	35	0	35	7	28	
Mississippian	1	0	1	1	0	
Permian	342	-6	348	92	250	
Utica	12	0	12	0	12	
Williston	41	2	39	18	23	