

	Current	Δ from YD	Δ from 7D Avg
Nat Gas Prompt	\$ 7.93	▼ \$ (0.36)	▼ \$ (0.47)

### Page Menu

[Short-term Weather Model Outlooks](#)

[Lower 48 Component Models](#)

[Regional S/D Models Storage Projection](#)

[Weather Model Storage Projection](#)

[Supply – Demand Trends](#)

[Nat Gas Options Volume and Open Interest](#)

[Nat Gas Futures Open Interest](#)

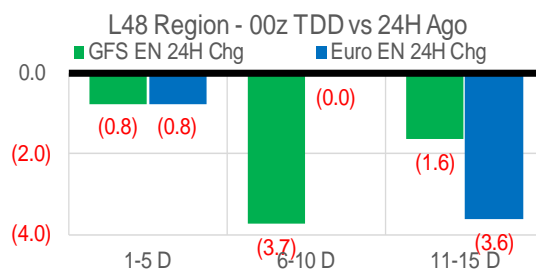
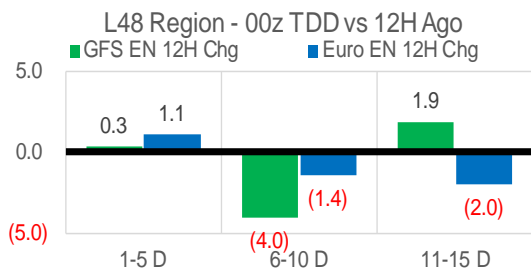
[Price Summary](#)

	Current	Δ from YD	Δ from 7D Avg
WTI Prompt	\$ 94.10	▲ \$ 0.21	▼ \$ (2.8)

	Current	Δ from YD	Δ from 7D Avg
Brent Prompt	\$ 100.20	▲ \$ 0.17	▼ \$ (6.7)

### Vs. 12H Ago

### Vs. 24H Ago



	Current	Δ from YD	Δ from 7D Avg
US Dry Production	96.5	▲ 0.40	▼ -1.26

	Current	Δ from YD	Δ from 7D Avg
US Power Burns	43.2	▼ -0.41	▲ 0.02

	Current	Δ from YD	Δ from 7D Avg
US ResComm	8.3	▲ 0.05	▲ 0.03

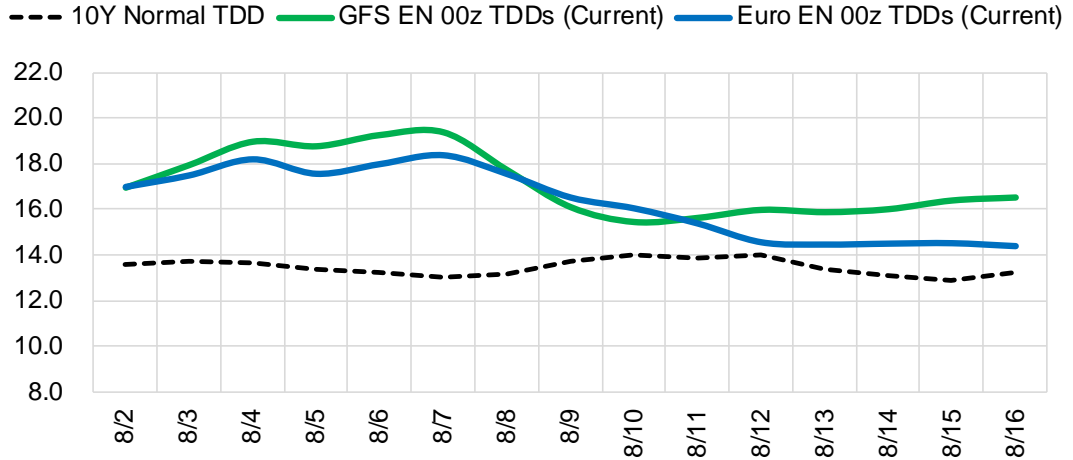
	Current	Δ from YD	Δ from 7D Avg
Canadian Imports	5.7	▼ -0.05	▼ -0.06

	Current	Δ from YD	Δ from 7D Avg
Net LNG Exports	11.2	▲ 0.13	▲ 0.52

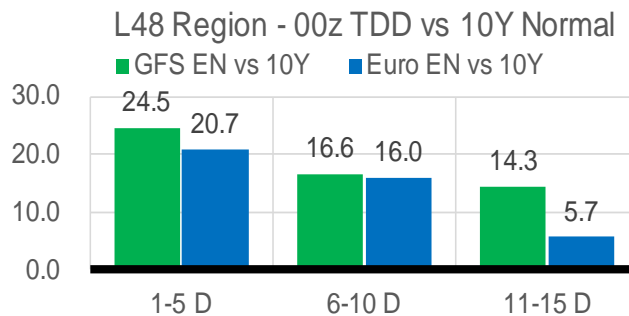
	Current	Δ from YD	Δ from 7D Avg
Mexican Exports	5.4	▼ -0.30	▼ -1.27

### Short-term Weather Model Outlooks (00z)

#### L48 Region



### Vs. 10Y Normal



Source: WSI , Bloomberg

## Lower 48 Component Models

### Daily Balances

	27-Jul	28-Jul	29-Jul	30-Jul	31-Jul	1-Aug	2-Aug	DoD	vs. 7D
<b>Lower 48 Dry Production</b>	<b>97.3</b>	<b>97.6</b>	<b>98.7</b>	<b>98.8</b>	<b>98.5</b>	<b>97.0</b>	<b>96.5</b>	▼ -0.5	▼ -1.5
<b>Canadian Imports</b>	<b>5.8</b>	<b>5.8</b>	<b>5.7</b>	<b>5.5</b>	<b>5.6</b>	<b>5.7</b>	<b>5.7</b>	▼ -0.1	▼ 0.0
L48 Power	43.7	45.4	44.2	41.5	41.0	43.6	43.2	▼ -0.4	▼ 0.0
L48 Residential & Commercial	8.4	8.5	8.3	8.0	7.9	8.3	8.3	▲ 0.0	▲ 0.1
L48 Industrial	20.3	21.1	21.9	22.7	23.1	23.4	23.3	▼ -0.1	▲ 1.2
L48 Lease and Plant Fuel	5.3	5.3	5.4	5.4	5.3	5.2	5.3	▲ 0.1	▲ 0.0
L48 Pipeline Distribution	2.8	2.9	2.8	2.6	2.6	2.8	2.7	▼ 0.0	▲ 0.0
<b>L48 Regional Gas Consumption</b>	<b>80.5</b>	<b>83.2</b>	<b>82.6</b>	<b>80.2</b>	<b>79.9</b>	<b>83.3</b>	<b>82.9</b>	▼ -0.4	▲ 1.3
<b>Net LNG Delivered</b>	<b>10.36</b>	<b>10.60</b>	<b>10.57</b>	<b>10.90</b>	<b>10.98</b>	<b>11.09</b>	<b>11.22</b>	▲ 0.1	▲ 0.5
<b>Total Mexican Exports</b>	<b>7.0</b>	<b>7.2</b>	<b>6.3</b>	<b>6.6</b>	<b>6.6</b>	<b>5.7</b>	<b>5.4</b>	▼ -0.3	▼ -1.2
Implied Daily Storage Activity	5.3	2.4	5.0	6.6	6.6	2.6	2.6		
EIA Reported Daily Storage Activity									
Daily Model Error									

### EIA Storage Week Balances

	24-Jun	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	WoW	vs. 4W
<b>Lower 48 Dry Production</b>	<b>96.9</b>	<b>97.1</b>	<b>97.0</b>	<b>96.3</b>	<b>96.9</b>	<b>97.2</b>	▲ 0.3	▲ 0.4
<b>Canadian Imports</b>	<b>5.6</b>	<b>5.7</b>	<b>5.6</b>	<b>6.0</b>	<b>6.2</b>	<b>5.9</b>	▼ -0.2	▲ 0.0
L48 Power	37.1	39.6	41.0	42.8	45.5	44.7	▼ -0.8	▲ 2.4
L48 Residential & Commercial	9.1	8.5	8.4	8.4	8.7	8.6	▼ -0.2	▲ 0.1
L48 Industrial	20.3	20.3	20.1	20.5	22.0	20.1	▼ -2.0	▼ -0.7
L48 Lease and Plant Fuel	5.2	5.3	5.3	5.2	5.3	5.3	▲ 0.0	▲ 0.0
L48 Pipeline Distribution	2.5	2.6	2.6	2.7	2.9	2.8	▼ -0.1	▲ 0.1
<b>L48 Regional Gas Consumption</b>	<b>74.3</b>	<b>76.3</b>	<b>77.4</b>	<b>79.7</b>	<b>84.4</b>	<b>81.4</b>	▼ -3.0	▲ 2.0
<b>Net LNG Exports</b>	<b>10.6</b>	<b>10.6</b>	<b>11.2</b>	<b>11.1</b>	<b>10.8</b>	<b>10.7</b>	▼ 0.0	▼ -0.2
<b>Total Mexican Exports</b>	<b>7.0</b>	<b>7.0</b>	<b>6.9</b>	<b>7.0</b>	<b>7.1</b>	<b>6.9</b>	▼ -0.2	▼ -0.1
Implied Daily Storage Activity	10.6	8.8	7.2	4.5	0.8	4.1	3.3	
EIA Reported Daily Storage Activity	11.7	8.6	8.3	4.6	2.1			
Daily Model Error	-1.2	0.2	-1.1	0.0	-1.3			

### Monthly Balances

	2Yr Ago Aug-20	LY Aug-21	Apr-22	May-22	Jun-22	Jul-22	MTD Aug-22	MoM	vs. LY
<b>Lower 48 Dry Production</b>	<b>88.8</b>	<b>93.8</b>	<b>94.9</b>	<b>95.8</b>	<b>97.0</b>	<b>97.0</b>	<b>96.1</b>	▼ -0.9	▲ 2.3
<b>Canadian Imports</b>	<b>4.9</b>	<b>5.1</b>	<b>5.8</b>	<b>5.1</b>	<b>5.7</b>	<b>5.9</b>	<b>5.7</b>	▼ -0.2	▲ 0.6
L48 Power	41.0	40.4	25.1	29.7	36.8	43.4	43.6	▲ 0.3	▲ 3.3
L48 Residential & Commercial	7.7	7.9	22.3	12.4	9.0	8.5	8.3	▼ -0.2	▲ 0.4
L48 Industrial	20.8	21.0	20.1	19.8	20.6	20.6	23.4	▲ 2.8	▲ 2.4
L48 Lease and Plant Fuel	4.8	5.1	5.2	5.3	5.2	5.3	5.2	▼ 0.0	▲ 0.1
L48 Pipeline Distribution	2.5	2.6	2.6	2.4	2.5	2.8	2.8	▲ 0.0	▲ 0.2
<b>L48 Regional Gas Consumption</b>	<b>76.9</b>	<b>77.0</b>	<b>75.3</b>	<b>69.6</b>	<b>74.2</b>	<b>80.5</b>	<b>83.3</b>	▲ 2.8	▲ 6.3
<b>Net LNG Exports</b>	<b>4.0</b>	<b>10.5</b>	<b>12.3</b>	<b>12.5</b>	<b>11.2</b>	<b>10.9</b>	<b>11.1</b>	▲ 0.2	▲ 0.6
<b>Total Mexican Exports</b>	<b>6.0</b>	<b>6.9</b>	<b>6.7</b>	<b>7.0</b>	<b>7.1</b>	<b>6.9</b>	<b>5.7</b>	▼ -1.2	▼ -1.1
Implied Daily Storage Activity	6.7	4.6	6.4	11.9	10.2	4.6	1.7		
EIA Reported Daily Storage Activity									
Daily Model Error									

Source: Bloomberg, analytix.ai

## Daily Average Generation Data

### Nuclear Generation Daily Average - GWh (NRC)

	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul	31-Jul	DoD	vs. 7D
NRC Nuclear Daily Output	90.8	90.0	90.0	90.4	90.5	90.4	90.8	0.4	0.5
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0
NRC Nuclear Outage	14.1	14.8	14.8	14.4	14.4	14.5	14.0	-0.4	-0.5
NRC % Nuclear Cap Utilization	92.3	91.6	91.6	92.0	92.0	91.9	92.4	0.4	0.5

### Wind Generation Daily Average - MWh (EIA)

	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul	31-Jul	DoD	vs. 7D
CALI Wind	2118	2252	2252	2252	2103	1542	1495	-47	-592
TEXAS Wind	15754	15346	15346	15346	11674	10484	14283	3799	292
US Wind	38783	36656	36656	36656	29082	29203	41672	12470	7166

### Generation Daily Average - MWh (EIA)

	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul	31-Jul	DoD	vs. 7D
Genscape Wind	39228	37864	37267	37351	28445	28445	28445	0	-6322
US Solar	17023	16944	16944	16944	17550	17318	15858	-1460	-1262
US Petroleum	1138	1298	1298	1298	1074	741	835	94	-307
US Other	10545	10142	10142	10142	10396	9926	9700	-226	-515
US Coal	130367	128289	128289	128289	122320	113782	112225	-1557	-12998
US Nuke	92938	92134	92134	92134	92724	92503	92826	323	398
US Hydro	28628	31140	31140	31140	32025	29959	28956	-1003	-1716
US Gas	243277	229554	229554	229554	243438	222732	209414	-13317	-23604

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

## Storage Week Average Generation Data

### Nuclear Generation Weekly Average - GWh (NRC)

	24-Jun	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	WoW	WoW Bcf/d Impact
NRC Nuclear Daily Output	89.0	88.9	90.6	91.2	90.5	90.1	-0.4	0.1
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	0.0	
NRC Nuclear Outage	15.9	16.0	14.2	13.7	14.4	14.8	0.4	
NRC % Nuclear Cap Utilization	90.5	90.4	92.2	92.7	92.0	91.6	-0.4	

### Wind Generation Weekly Average - MWh (EIA)

	24-Jun	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	WoW	WoW Bcf/d Impact
CALI Wind	2048	2048	2048	2048	2048	2145	98	0.0
TEXAS Wind	22879	22879	22879	22879	22879	18633	-4247	0.8
US Wind	63443	63443	63443	63443	63443	48440	-15003	2.7
							-24%	

### Generation Weekly Average - MWh (EIA)

	24-Jun	1-Jul	8-Jul	15-Jul	22-Jul	29-Jul	WoW	WoW Bcf/d Impact
							est.	
Genscape Wind	50581	45558	42730	34294	40237	44926	4688	-0.8
US Solar	19728	19728	19728	19728	19728	18148	-1580	0.3
US Petroleum	1333	1333	1333	1333	1333	1290	-43	0.0
US Other	9775	9775	9775	9775	9775	10042	267	0.0
US Coal	119543	119543	119543	119543	119543	124838	5295	-1.0
US Nuke	90696	90696	90696	90696	90696	91633	937	-0.2
US Hydro	39690	39690	39690	39690	39690	34445	-5245	0.9
US Gas	<b>220700</b>	<b>220700</b>	<b>220700</b>	<b>220700</b>	<b>220700</b>	<b>227720</b>	<b>7020</b>	<b>1.3</b>

See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

## Monthly Average Generation Data

### Nuclear Generation Monthly Average - GWh (NRC)

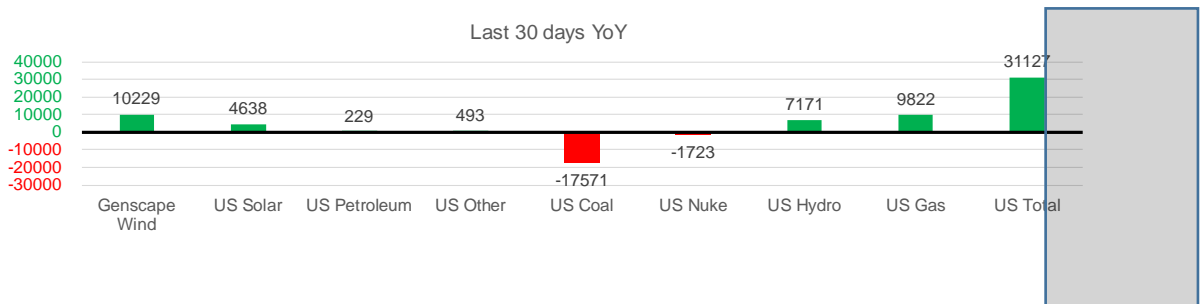
	2Yr Ago		LY		MTD		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	May-22	Jun-22	Jul-22	Aug-22			
NRC Nuclear Daily Output	91.2	90.2	81.7	88.5	90.6	90.5	90.6	-0.1	0.5
NRC Nuclear Max Capacity	104.9	104.9	104.9	104.9	104.9	104.9	104.9	0.0	0.0
NRC Nuclear Outage	13.6	14.7	23.2	16.3	14.3	14.3	14.3	0.1	-0.5
NRC % Nuclear Cap Utilization	92.8	91.7	83.0	90.0	92.1	92.1	92.2	-0.1	0.5

### Wind Generation Monthly Average - MWh (EIA)

	2Yr Ago		LY		MTD		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	May-22	Jun-22	Jul-22	Aug-22			
CALI Wind	2601	2370	3361	2724	2037	1495	2000	-542	-370
TEXAS Wind	8787	7524	16756	19072	20882	14283	20242	-6599	12718
US Wind	29842	29360	56462	54014	57140	41672	55478	-15468	26119

### Generation Monthly Average - MWh (EIA)

	2Yr Ago		LY		MTD		Last 30 days	MoM (MTD vs LY)	Last 30 days YoY
	Same 30 days	Same 30 days	May-22	Jun-22	Jul-22	Aug-22			
Genscape Wind	30183	28399	56803	47280	39376	28445	38629	▲10183.6	▲10229
US Solar	12345	14182	18186	19216	19098	15858	18819	▲2961.2	▲4638
US Petroleum	1620	1015	518	1204	1280	835	1245	▲410	▲229
US Other	9957	9363	7724	8994	9858	9700	9856	▲156	▲493
US Coal	121735	137518	85273	109706	120406	112225	119947	▲7723	▼-17571
US Nuke	93465	92978	85496	91073	91100	92826	91255	▼-1571	▼-1723
US Hydro	32239	29642	31369	38153	37598	28956	36813	▲7857	▲7171
US Gas	232678	212212	157565	204668	222720	209414	222035	▲27719	▲9822
US Total	531675	526246	443965	530484	561182	512718	557373	▲45255	▲31127



See National Wind and Nuclear daily charts

Source: Bloomberg, analytix.ai

### Regional S/D Models Storage Projection

Week Ending 29-Jul

	Daily Raw Storage	Daily Adjustment Factor	Daily Average Storage Activity (Adjusted) *	Weekly Adjusted Storage Activity
L48	5.2	-0.5	4.6	32
East	-0.3	2.4	2.0	14
Midwest	3.1	-0.6	2.5	17
Mountain	4.4	-4.4	0.1	0
South Central	-3.0	2.9	-0.1	-1
Pacific	1.0	-0.8	0.2	1

\*Adjustment Factor is calculated based on historical regional deltas

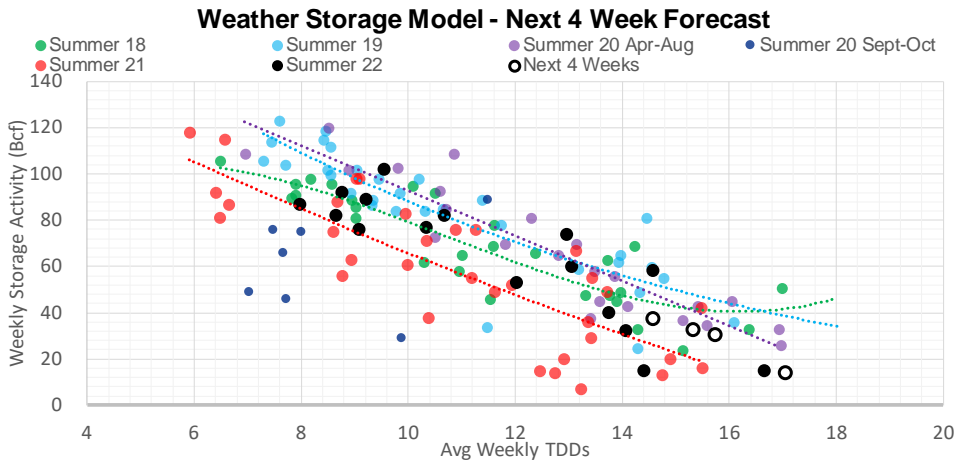
U.S. underground natural gas storage facilities by type (July 2015)



### Weather Model Storage Projection

Next report and beyond

Week Ending	GWDDs	Week Storage Projection
29-Jul	15.3	32
05-Aug	15.7	30
12-Aug	17.1	14
19-Aug	14.6	37

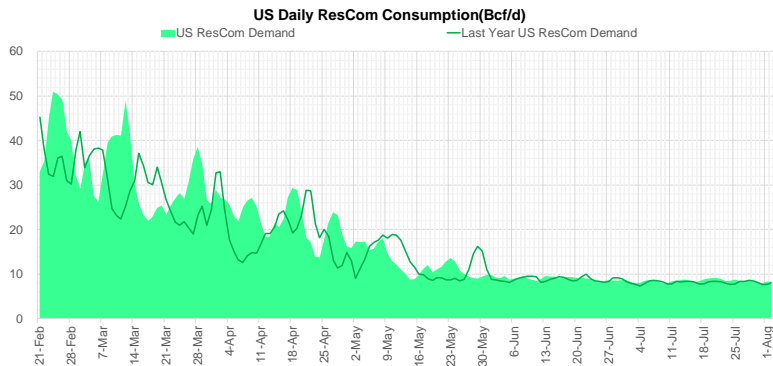
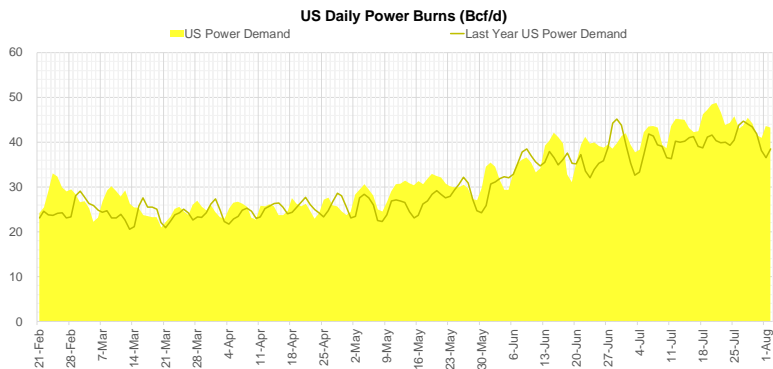
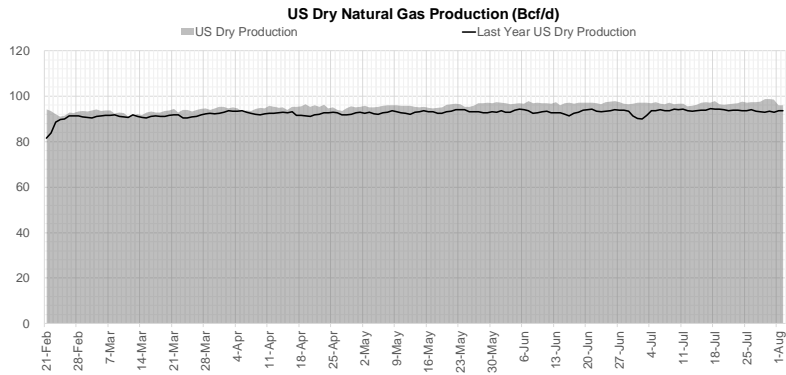


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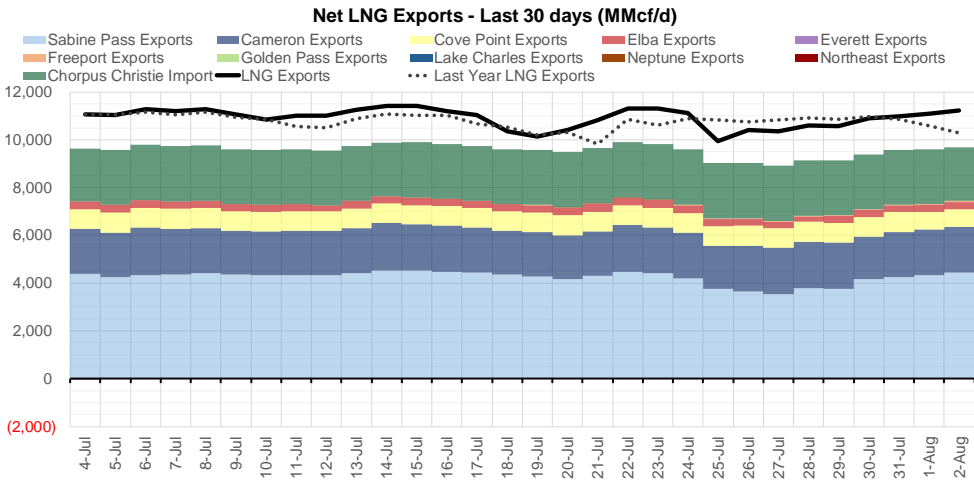
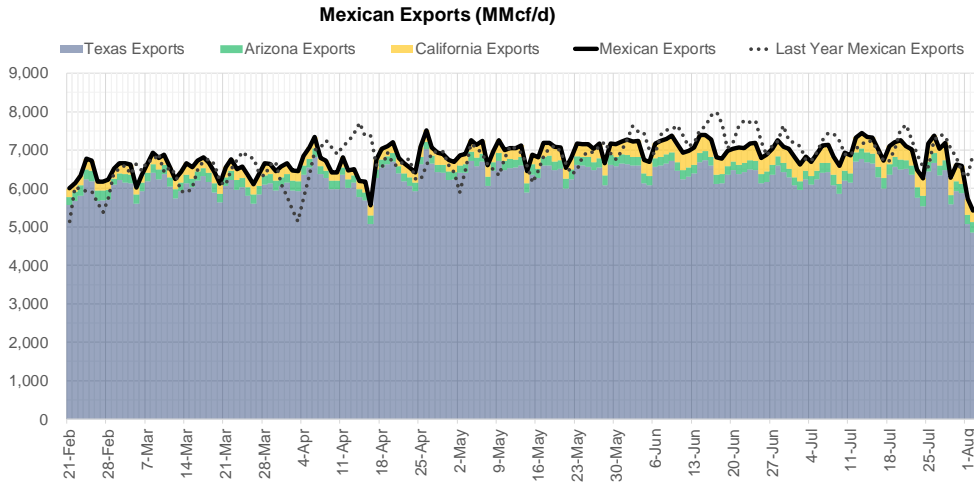


## Supply – Demand Trends



Source: Bloomberg

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Source: Bloomberg

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### Nat Gas Options Volume and Open Interest CME and ICE Combined

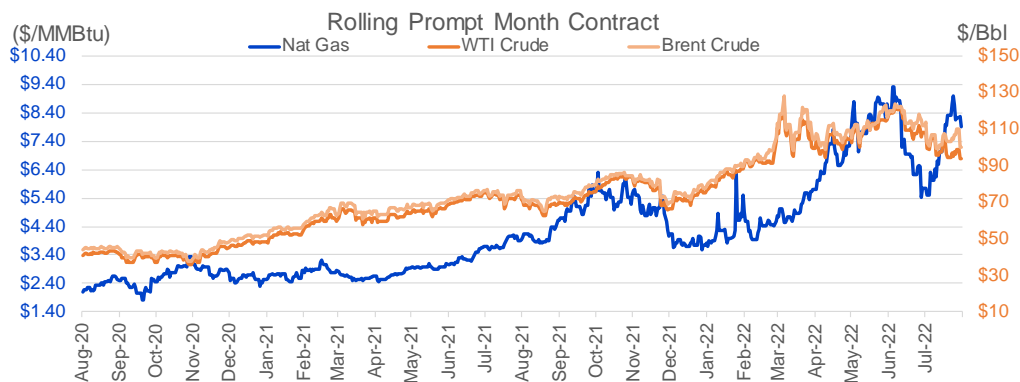
CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE VOL	CONTRACT MONTH	CONTRACT YEAR	PUT/CALL	STRIKE	CUMULATIVE OI
9	2022	P	6.00	3369	10	2022	C	6.00	36014
9	2022	P	6.50	2942	10	2022	P	3.00	35677
10	2022	C	12.00	2409	10	2022	P	2.50	28187
9	2022	P	5.00	2257	10	2022	P	6.00	25208
10	2022	P	6.00	2200	9	2022	C	6.00	24364
10	2022	C	15.00	1700	10	2022	C	5.00	23268
9	2022	P	7.50	1619	10	2022	P	5.00	23025
9	2022	C	10.00	1489	10	2022	P	3.50	21679
9	2022	C	12.00	1414	5	2023	P	2.00	21127
9	2022	C	9.00	1137	3	2023	C	10.00	20753
10	2022	P	5.00	1103	9	2022	P	4.00	20269
9	2022	C	11.00	1066	10	2022	P	4.00	20076
9	2022	P	7.00	1029	9	2022	C	7.00	19507
9	2022	P	7.90	950	12	2022	C	5.00	18218
9	2022	P	8.10	950	10	2022	C	10.00	18183
9	2022	C	13.00	926	12	2022	P	5.00	18068
3	2023	C	10.00	783	3	2023	P	3.00	18012
9	2022	C	9.50	772	9	2022	C	10.00	17821
11	2022	P	4.00	701	1	2023	C	10.00	17630
9	2022	P	5.75	679	9	2022	C	9.00	17612
10	2022	C	10.00	593	11	2022	P	4.00	17182
9	2022	C	8.50	522	9	2022	P	5.00	16908
10	2022	P	6.75	500	10	2022	C	8.00	16704
11	2022	C	20.00	500	10	2022	P	2.00	16680
10	2022	P	6.50	493	9	2022	P	3.00	16633
3	2023	C	1.00	476	9	2022	P	6.00	16437
3	2023	P	1.00	476	2	2023	C	10.00	16402
11	2022	P	6.00	428	9	2022	C	4.00	15970
5	2023	P	2.00	378	10	2023	P	2.50	15705
4	2023	P	4.00	310	4	2023	P	3.00	15609
10	2022	P	4.50	303	9	2022	P	2.50	15477
1	2023	P	5.00	303	10	2022	P	3.25	15200
1	2023	C	12.00	302	10	2022	C	7.00	15111
10	2022	P	4.00	301	10	2023	P	2.00	15054
1	2023	C	8.75	300	9	2022	P	2.75	14887
3	2023	C	20.00	300	9	2022	C	9.50	14787
4	2023	C	7.50	300	3	2023	C	20.00	14749
10	2022	P	7.00	293	10	2023	P	3.00	14160
9	2022	P	6.75	279	12	2022	C	6.00	13887
1	2023	P	4.00	268	9	2022	P	3.50	13313
4	2023	C	7.00	250	10	2022	C	4.00	13309
5	2023	C	7.00	250	10	2022	P	2.75	13287
6	2023	C	7.00	250	9	2022	C	3.00	13225
7	2023	C	7.00	250	10	2022	C	3.00	13214
8	2023	C	7.00	250	4	2023	P	2.75	13045
9	2023	C	7.00	250	9	2022	C	14.00	13013
10	2023	C	7.00	250	5	2023	C	5.00	12995
4	2023	P	2.50	246	1	2023	P	5.00	12990
11	2022	C	10.00	230	3	2023	P	4.00	12793
					5	2023	P	3	12763

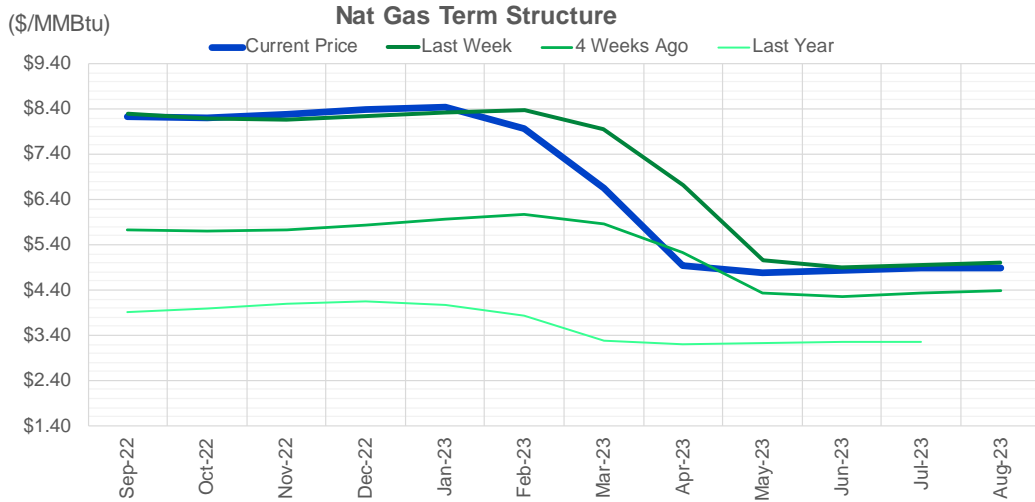
Source: CME, ICE

## Nat Gas Futures Open Interest CME and ICE Combined

CME Henry Hub Futures (10,000 MMBtu)				ICE Henry Hub Futures Contract Equivalent (10,000 MMBtu)			
	Current	Prior	Daily Change		Current	Prior	Daily Change
SEP 22	161646	164285	-2639	SEP 22	81356	83582	-2226
OCT 22	94984	94875	109	OCT 22	75145	75178	-34
NOV 22	84198	84811	-613	NOV 22	63552	63141	412
DEC 22	55025	53564	1461	DEC 22	65291	65293	-2
JAN 23	74213	73808	405	JAN 23	65383	65124	260
FEB 23	35080	34723	357	FEB 23	57831	57721	110
MAR 23	51396	51046	350	MAR 23	52039	52133	-94
APR 23	69666	67823	1843	APR 23	54125	54085	40
MAY 23	66543	65821	722	MAY 23	52009	51894	115
JUN 23	23165	23513	-348	JUN 23	46183	46156	27
JUL 23	20457	19483	974	JUL 23	44644	44601	43
AUG 23	19621	19428	193	AUG 23	43496	43491	5
SEP 23	17065	17166	-101	SEP 23	42697	42693	4
OCT 23	46123	46057	66	OCT 23	49638	49834	-197
NOV 23	12855	12741	114	NOV 23	44931	44898	33
DEC 23	11472	11430	42	DEC 23	40702	40668	34
JAN 24	17460	17403	57	JAN 24	39529	39556	-28
FEB 24	7870	7884	-14	FEB 24	29910	29896	15
MAR 24	16374	16324	50	MAR 24	34449	34397	52
APR 24	13504	13460	44	APR 24	28179	28141	38
MAY 24	6755	6757	-2	MAY 24	26819	26772	47
JUN 24	2482	2481	1	JUN 24	23783	23738	45
JUL 24	2296	2295	1	JUL 24	23515	23468	47
AUG 24	3221	3220	1	AUG 24	23422	23375	47
SEP 24	1826	1825	1	SEP 24	23335	23290	45
OCT 24	8687	8686	1	OCT 24	26452	26402	50
NOV 24	4719	4717	2	NOV 24	24767	24767	0
DEC 24	7558	7557	1	DEC 24	27716	27716	0
JAN 25	15983	15981	2	JAN 25	20587	20525	63
FEB 25	863	861	2	FEB 25	13771	13729	43

Source: CME, ICE



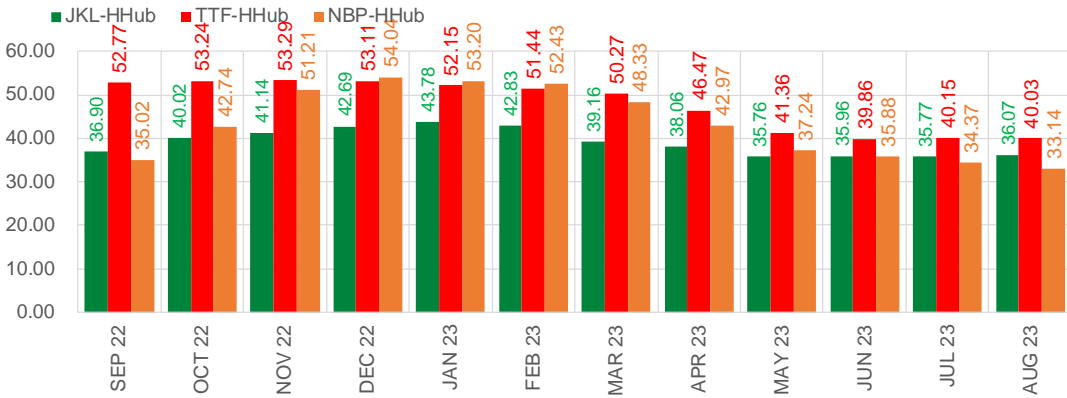
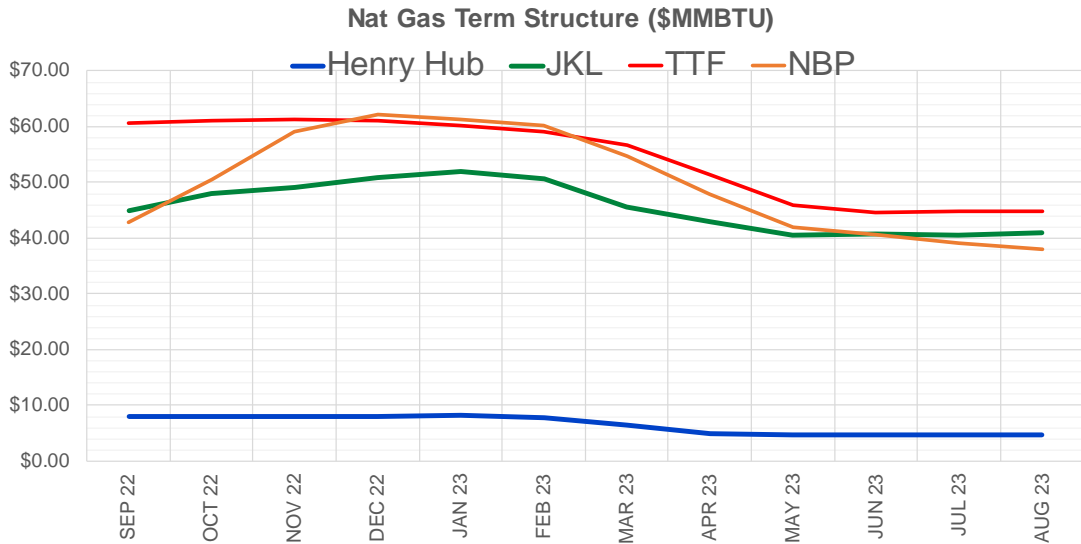


	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23
<b>Current Price</b>	<b>\$8.229</b>	<b>\$8.208</b>	<b>\$8.283</b>	<b>\$8.374</b>	<b>\$8.441</b>	<b>\$7.973</b>	<b>\$6.636</b>	<b>\$4.943</b>	<b>\$4.780</b>	<b>\$4.830</b>	<b>\$4.887</b>	<b>\$4.897</b>
Last Week	\$8.299	\$8.195	\$8.167	\$8.238	\$8.312	\$8.374	\$7.952	\$6.706	\$5.057	\$4.893	\$4.942	\$4.993
vs. Last Week	-\$0.070	\$0.013	\$0.116	\$0.136	\$0.129	-\$0.401	-\$1.316	-\$1.763	-\$0.277	-\$0.063	-\$0.055	-\$0.096
4 Weeks Ago	\$5.730	\$5.712	\$5.729	\$5.837	\$5.969	\$6.066	\$5.852	\$5.215	\$4.339	\$4.257	\$4.319	\$4.381
vs. 4 Weeks Ago	\$2.499	\$2.496	\$2.554	\$2.537	\$2.472	\$1.907	\$0.784	-\$0.272	\$0.441	\$0.573	\$0.568	\$0.516
Last Year	\$3.914	\$3.920	\$3.982	\$4.085	\$4.149	\$4.069	\$3.828	\$3.267	\$3.188	\$3.218	\$3.254	\$3.261
vs. Last Year	\$4.315	\$4.288	\$4.301	\$4.289	\$4.292	\$3.904	\$2.808	\$1.676	\$1.592	\$1.612	\$1.633	\$1.636

	Units	Cash Settled	Prompt Settle	Cash to Prompt
AGT Citygate	\$/MMBtu	8.07	8.96	0.89
TETCO M3	\$/MMBtu	7.44	8.51	1.07
FGT Zone 3	\$/MMBtu	7.47	13.21	5.74
Zone 6 NY	\$/MMBtu	7.47	8.57	1.10
Chicago Citygate	\$/MMBtu	7.70	8.66	0.95
Michcon	\$/MMBtu	7.68	8.59	0.91
Columbia TCO Pool	\$/MMBtu	7.47	8.06	0.59
Ventura	\$/MMBtu	5.95	8.54	2.59
Rockies/Opal	\$/MMBtu	7.89	8.45	0.56
El Paso Permian Basin	\$/MMBtu	7.27	8.31	1.04
Socal Citygate	\$/MMBtu	9.03	9.77	0.74
Malin	\$/MMBtu	8.02	8.76	0.74
Houston Ship Channel	\$/MMBtu	7.63	8.56	0.93
Henry Hub Cash	\$/MMBtu	8.20	8.46	0.26
AECO Cash	C\$/GJ	4.57	4.85	0.28
Station2 Cash	C\$/GJ	5.31	8.62	3.31
Dawn Cash	C\$/GJ	7.68	8.66	0.98

Source: CME, Bloomberg

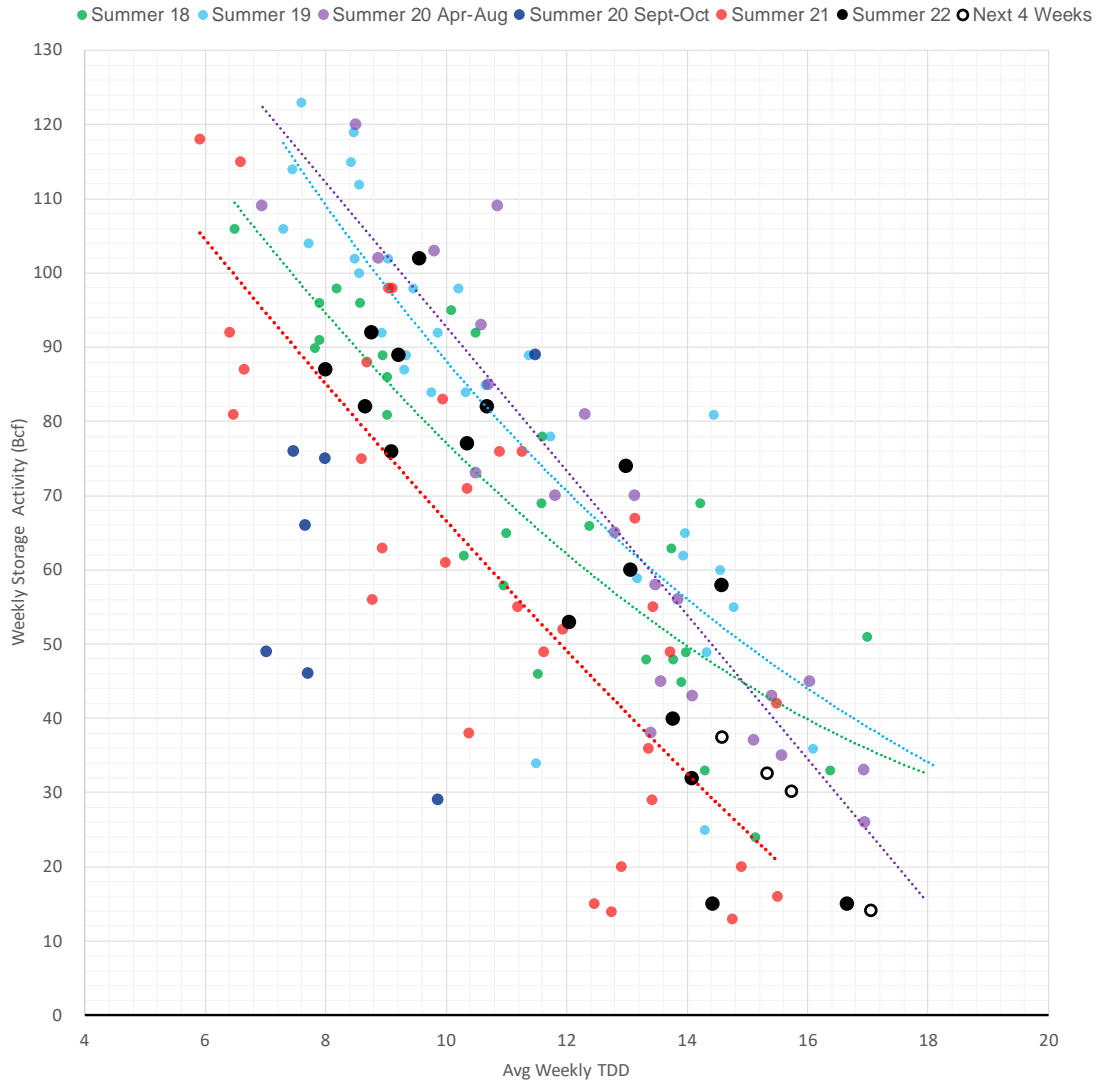
	Units	Current Price	vs. Last Week	vs. 4 Weeks	
				Ago	vs. Last Year
NatGas Jul21/Oct21	\$/MMBtu	2.224	▲ 0.000	▲ 0.000	▲ 1.903
NatGas Oct21/Nov21	\$/MMBtu	0.361	▲ 0.000	▲ 0.000	▲ 0.301
NatGas Oct21/Jan22	\$/MMBtu	-1.817	▲ 0.000	▲ 0.000	▼ -2.049
NatGas Apr22/Oct22	\$/MMBtu	2.924	▼ -0.292	▲ 2.531	▲ 2.923
WTI Crude	\$/Bbl	93.89	▼ -2.810	▼ -14.540	▲ 22.630
Brent Crude	\$/Bbl	100.03	▼ -5.120	▼ -13.470	▲ 27.140
Fuel Oil, NY Harbour 1%	\$/Bbl	97.18	▲ 0.000	▲ 0.000	▲ 0.000
Heating Oil	cents/Gallon	344.00	▼ -7.660	▼ -49.890	▲ 130.420
Propane, Mt. Bel	cents/Gallon	1.11	▼ -0.035	▼ -0.106	▲ 0.014
Ethane, Mt. Bel	cents/Gallon	0.59	▲ 0.010	▲ 0.112	▲ 0.263
Coal, PRB	\$/MTon	12.30	▲ 0.000	▲ 0.000	▲ 0.000
Coal, PRB	\$/MMBtu	0.70			
Coal, ILB	\$/MTon	31.05	▲ 0.000	▲ 0.000	▲ 0.000
Coal, ILB	\$/MMBtu	1.32			



	SEP 22	OCT 22	NOV 22	DEC 22	JAN 23	FEB 23	MAR 23	APR 23	MAY 23	JUN 23	JUL 23	AUG 23
Henry Hub	\$7.926	\$7.903	\$7.966	\$8.078	\$8.146	\$7.727	\$6.459	\$4.842	\$4.671	\$4.724	\$4.774	\$4.814
JKL	\$44.830	\$47.925	\$49.105	\$50.765	\$51.925	\$50.560	\$45.620	\$42.900	\$40.430	\$40.685	\$40.540	\$40.885
JKL-HHub	\$36.904	\$40.022	\$41.139	\$42.687	\$43.779	\$42.833	\$39.161	\$38.058	\$35.759	\$35.961	\$35.766	\$36.071
TTF	\$60.694	\$61.147	\$61.260	\$61.191	\$60.294	\$59.168	\$56.731	\$51.310	\$46.026	\$44.584	\$44.928	\$44.845
TTF-HHub	\$52.768	\$53.244	\$53.294	\$53.113	\$52.148	\$51.441	\$50.272	\$46.468	\$41.355	\$39.860	\$40.154	\$40.031
NBP	\$42.944	\$50.643	\$59.173	\$62.117	\$61.349	\$60.152	\$54.792	\$47.814	\$41.906	\$40.607	\$39.146	\$37.945
NBP-HHub	\$35.018	\$42.740	\$51.207	\$54.039	\$53.203	\$52.425	\$48.333	\$42.972	\$37.235	\$35.883	\$34.372	\$33.139

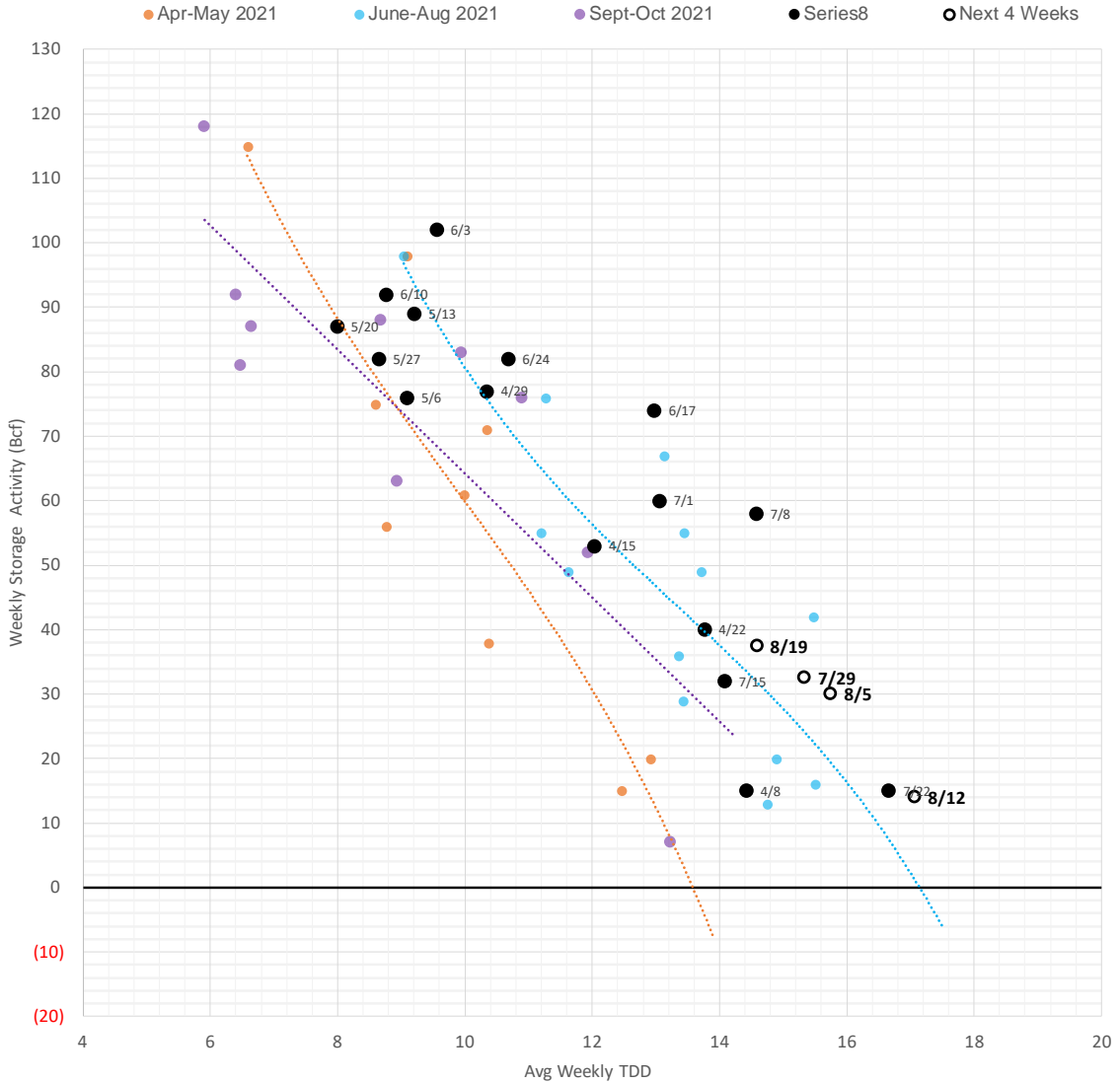
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### Weather Storage Model - Next 4 Week Forecast





### Weather Storage Model - Next 4 Week Forecast



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