



The NGL Roundup

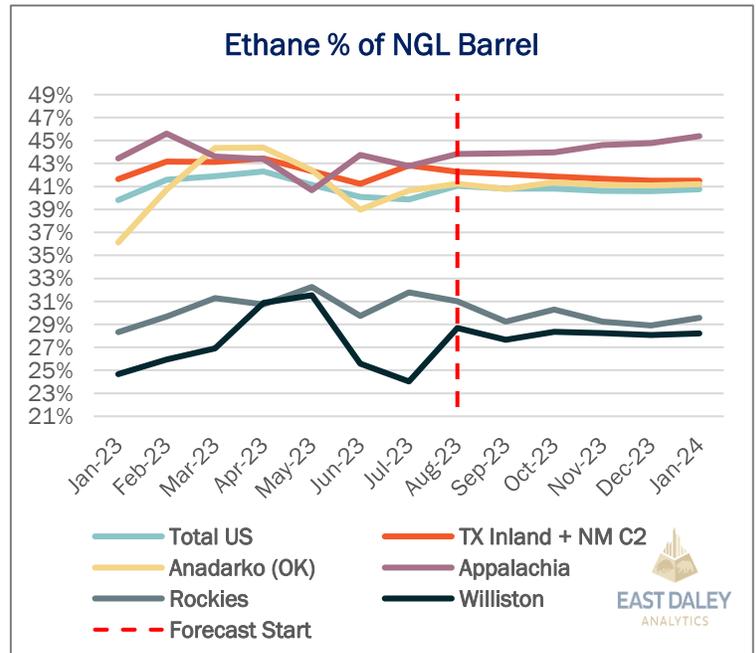
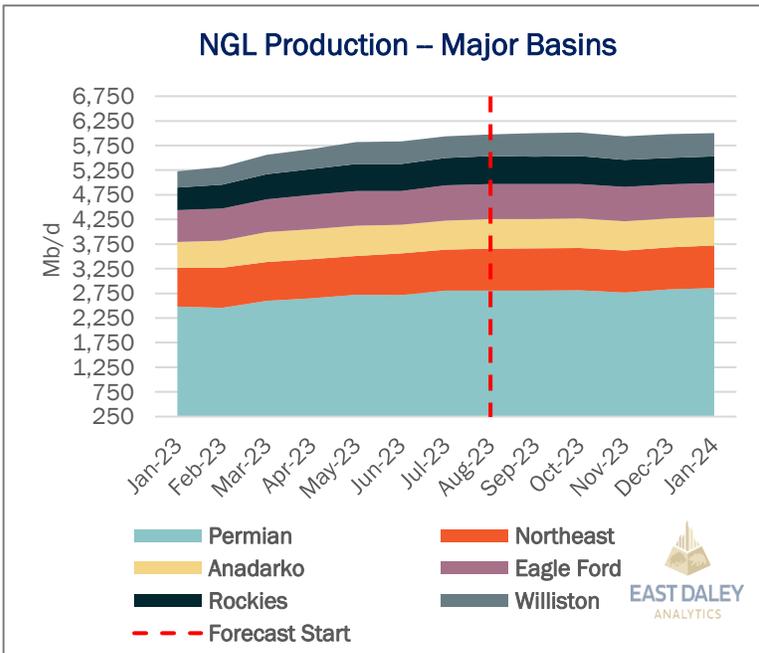
Report Published: October 3, 2023

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NGL PRODUCTION -1% M-O-M, C2 RECOVERY BELOW EXPECTATIONS:

- EIA NGL plant production for July came in 2% below our forecast at 6,446 Mb/d, an 81 Mb/d M-o-M drop but +257 Mb/d (+4%) growth Y-o-Y. The M-o-M drop in NGL production was mainly driven by the normalization in LA Gulf Coast volumes, although we are still unsure if the June number was a data error.
- Ethane recovery came in below our expectations, primarily in the Williston, but we were in-line for the TX Inland and NM sub-PADDs. The decline in North Dakota ethane recovery was especially surprising given the jump in ethane prices, while AECO gas prices remained flat.
- In the Permian, the frac-spread jumped to \$0.21/gal in July due to the heat waves early in the month that impeded processing plant and fractionator efficiency. Spreads dropped to \$0.13/gal in August but are back up to \$0.17/gal in September. We initially expected lower frac spreads for September given the Whistler gas pipeline being placed into service but outages at PHP and El Paso in September have resulted in lower Waha prices that could maintain higher levels of ethane recovery.
- Stock of Propane/Propylene recorded new five-year highs. However, Days of Supply (when including exports) paints a more balanced picture as we are back to the five-year average.
- Interested in tracking basin and sub-basin NGL production, ethane rejection, and fractionator utilization? EDA's NGL Network Model and Purity Product Forecast will help you dig deeper than EIA data and connect the dots between NGL supply and demand.

NGL Plant Production (Mb/d)		TX Inland + New Mexico	Rockies	ND, SD, MN, and WI	OK, KS, and MO	Appalachia No. 1	Total US	Total EIA vs EDA (%)
Basin Proxy:		Permian+EF	DJ	Williston	Anadarko	Northeast		
Ethane	East Daley Estimate	1,558	183	138	238	317	2,683	-4%
	EIA Reported	1,540	178	106	224	305	2,570	
Propane	East Daley Estimate	1,051	198	176	175	237	2,034	-1%
	EIA Reported	1,071	189	169	174	233	2,019	
N Butane	East Daley Estimate	385	78	75	61	72	622	0%
	EIA Reported	395	75	73	57	71	623	
Isobutane	East Daley Estimate	165	35	24	28	32	452	-1%
	EIA Reported	170	34	23	31	31	448	
Natural Gasoline	East Daley Estimate	398	78	68	64	68	755	4%
	EIA Reported	420	84	70	65	73	786	
Total NGLs	East Daley Estimate	3,558	572	481	567	727	6,546	-2%
	EIA Reported	3,596	560	441	551	713	6,446	



Source: East Daley Analytics' Purity Product Forecast, EIA

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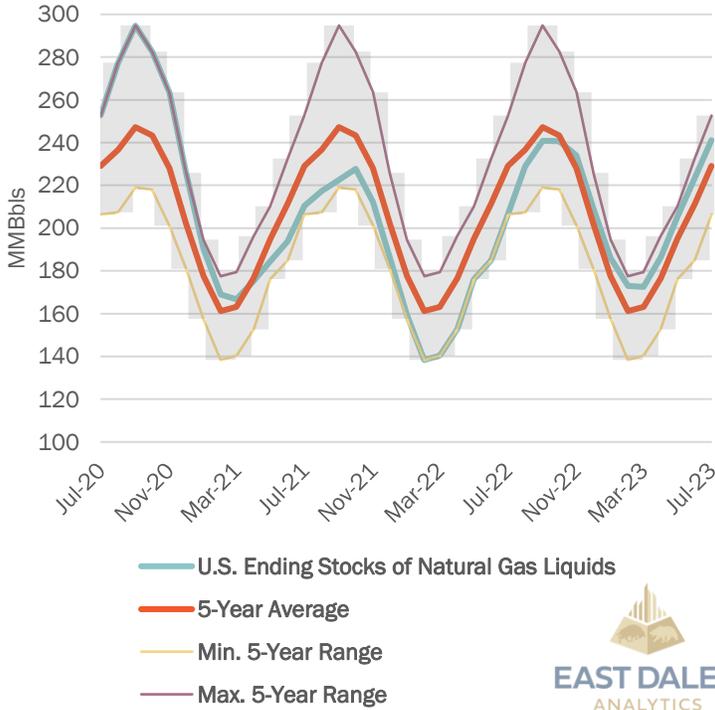
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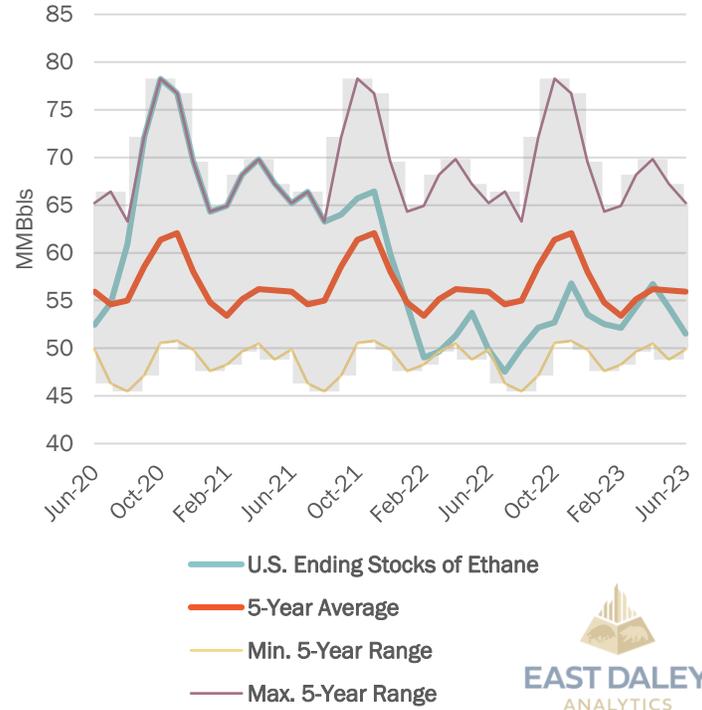
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INVENTORIES

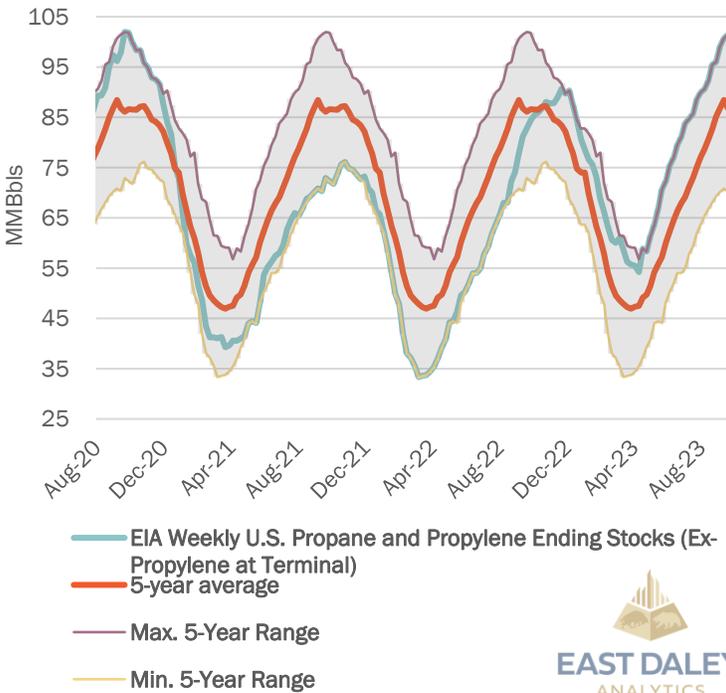
U.S. Total NGLs Ending Stocks



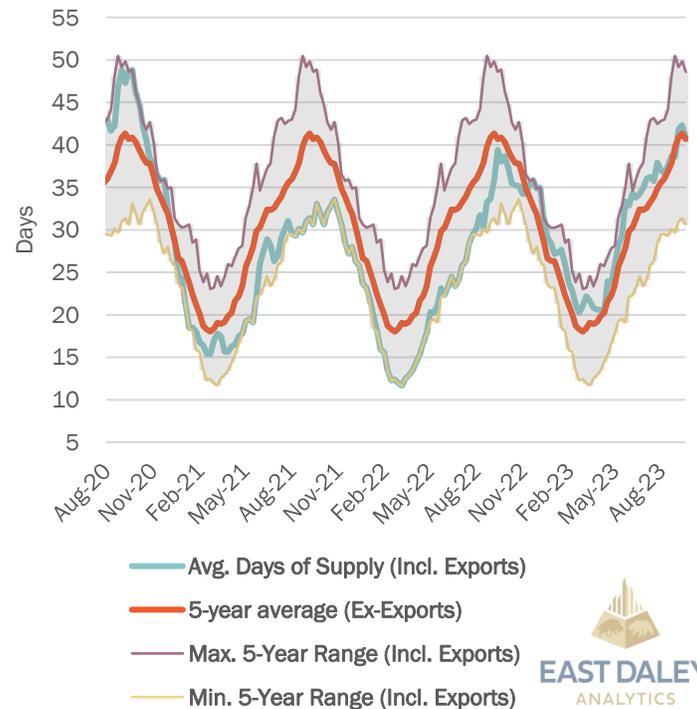
U.S. Ethane Ending Stocks



U.S. Propane and Propylene Ending Stocks Excluding Propylene at Terminal



Days of Propane/Propylene Supplied (incl. Exports, L4W Avg. Demand)



Source: East Daley Analytics, EIA

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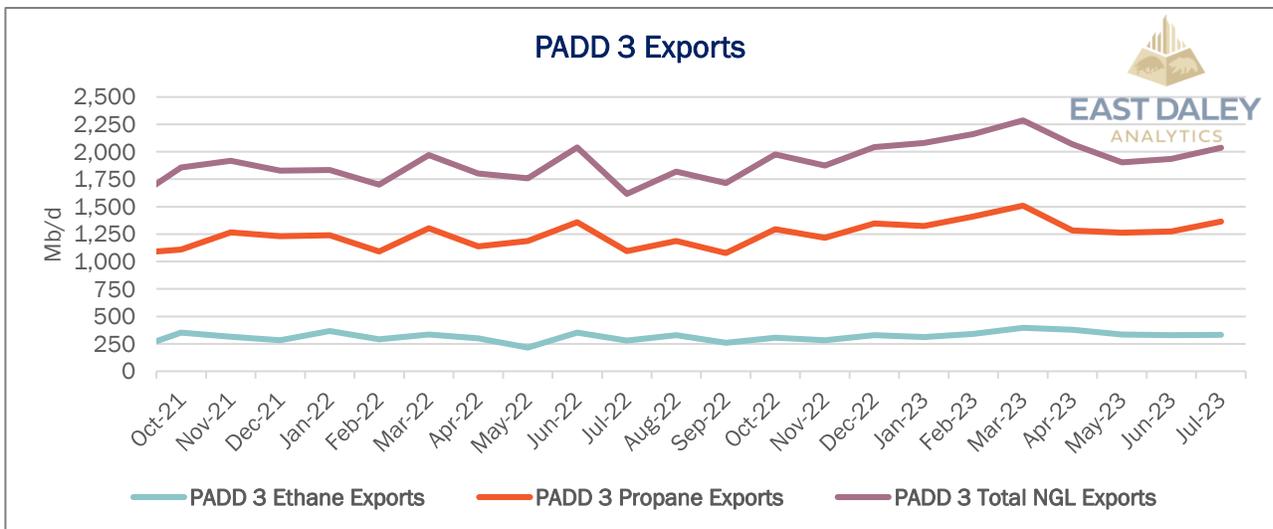
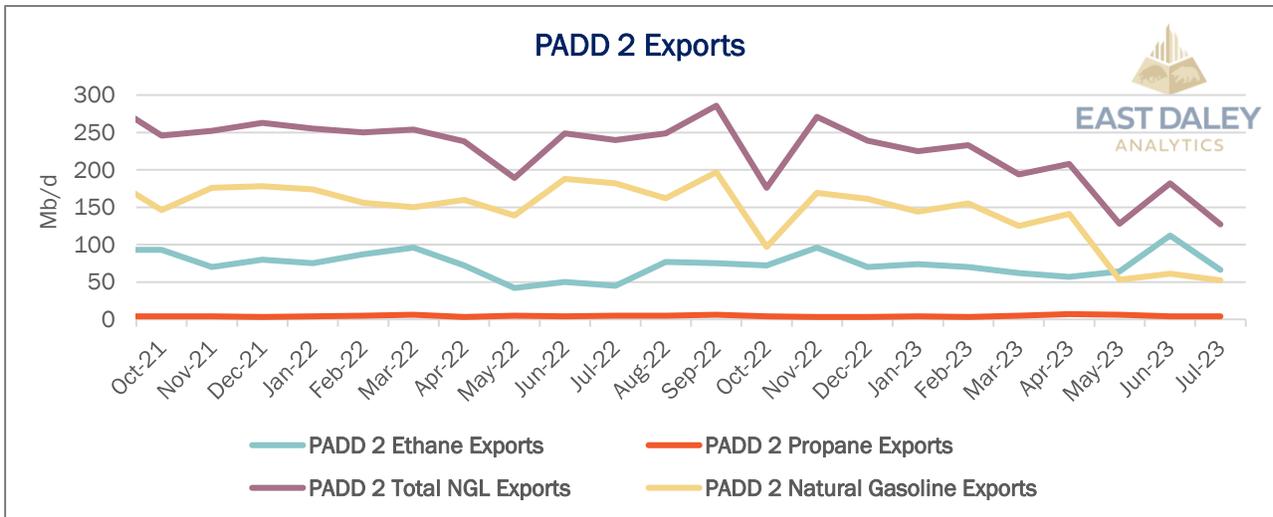
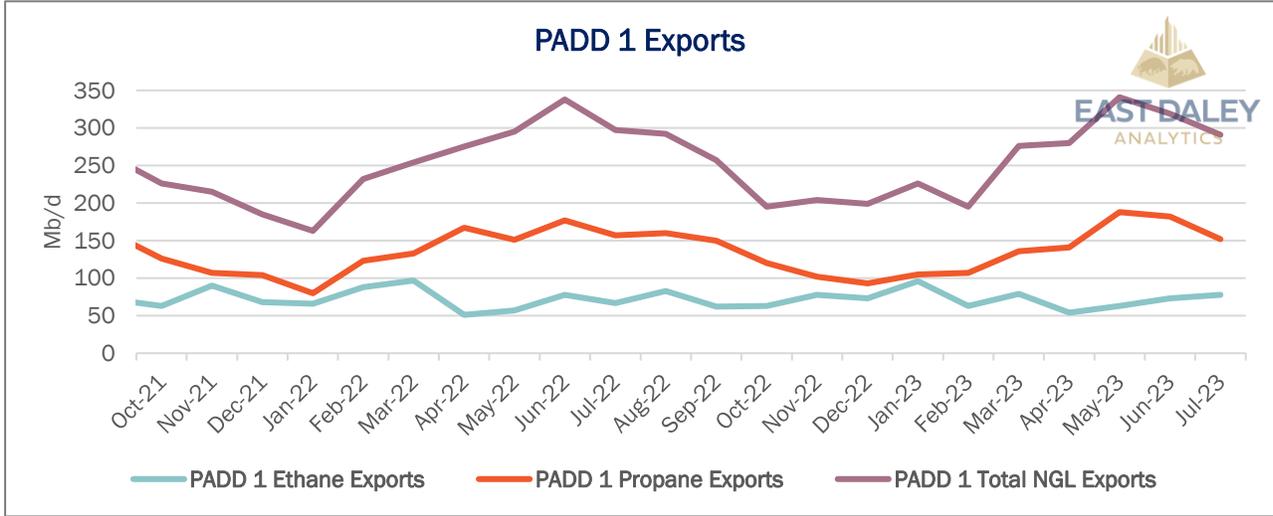


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NGL EXPORTS



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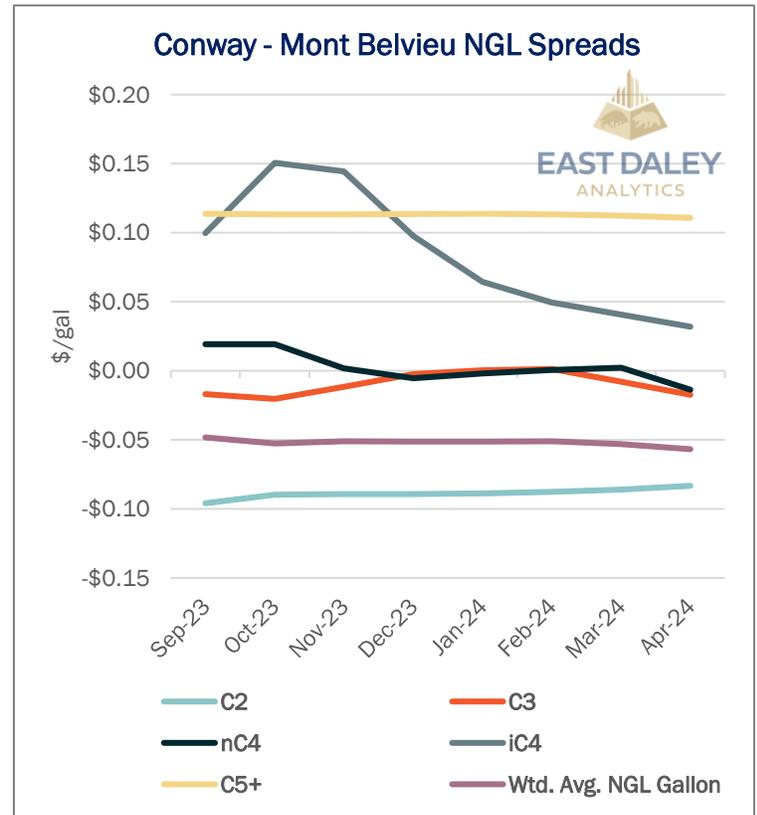
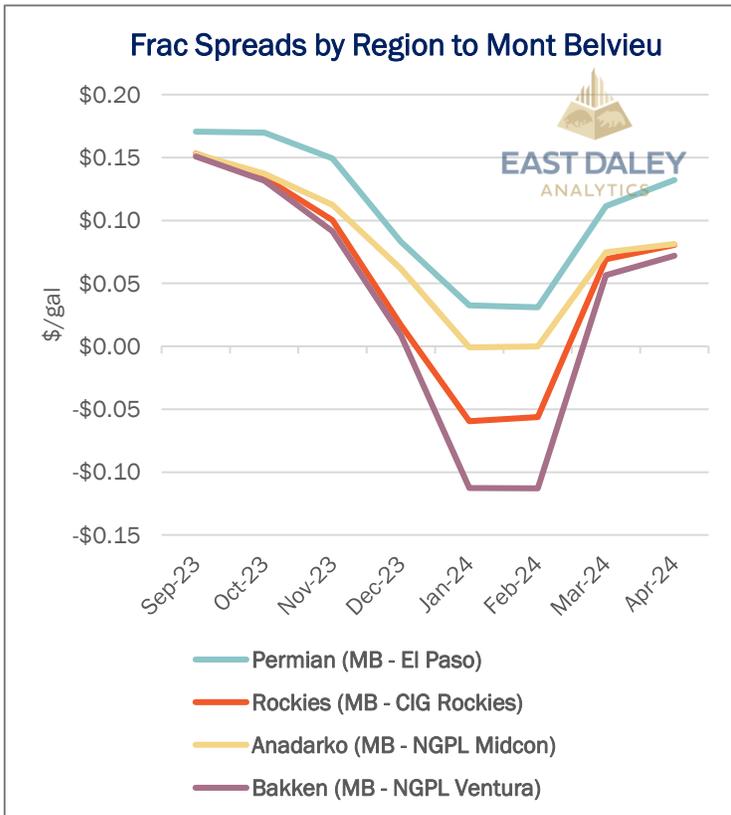
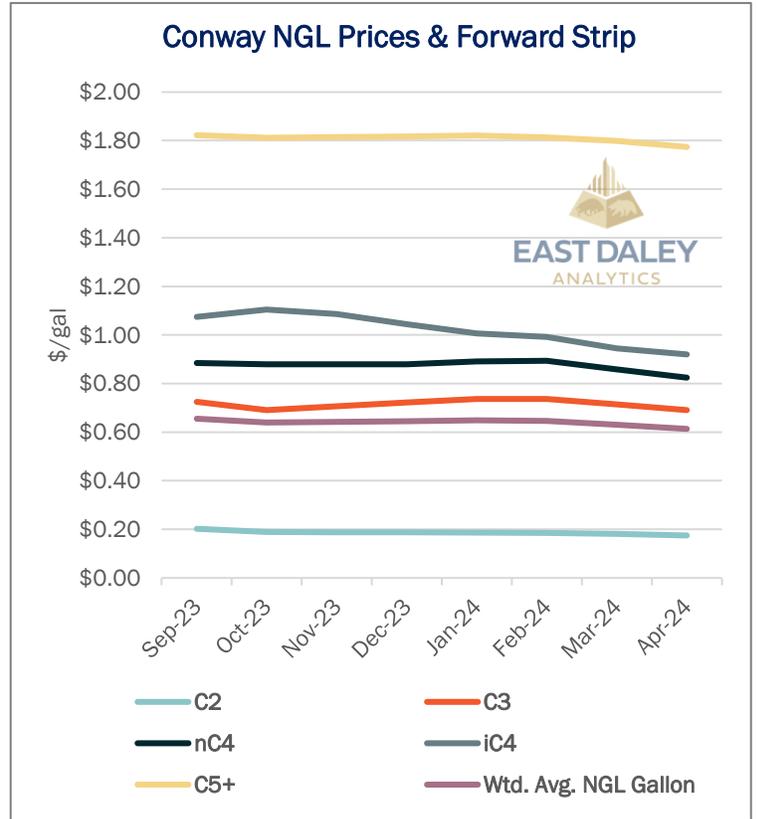
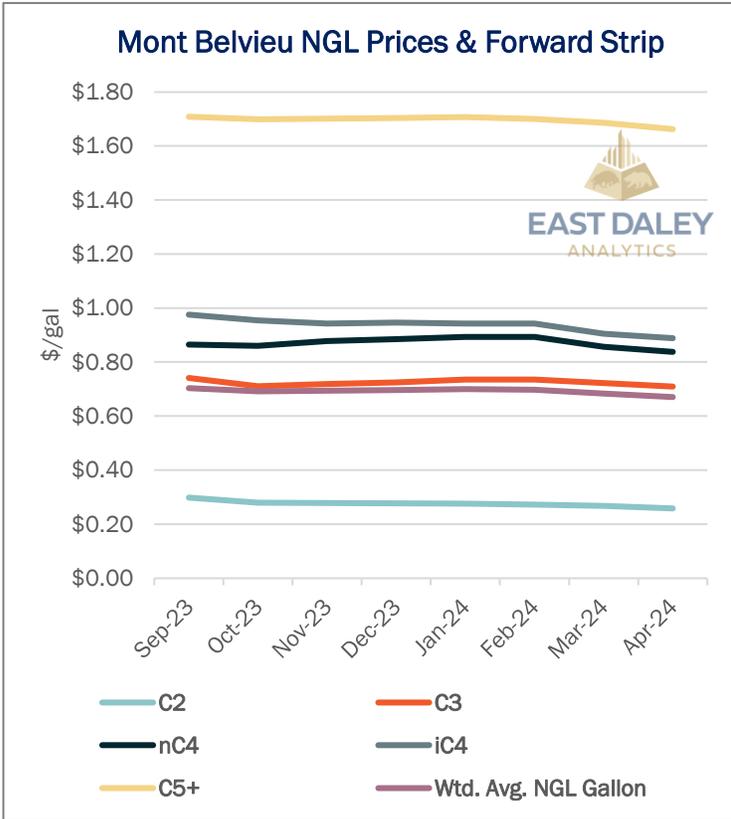


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FORWARD CURVES & SPREADS



Source: East Daley Analytics, EIA

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