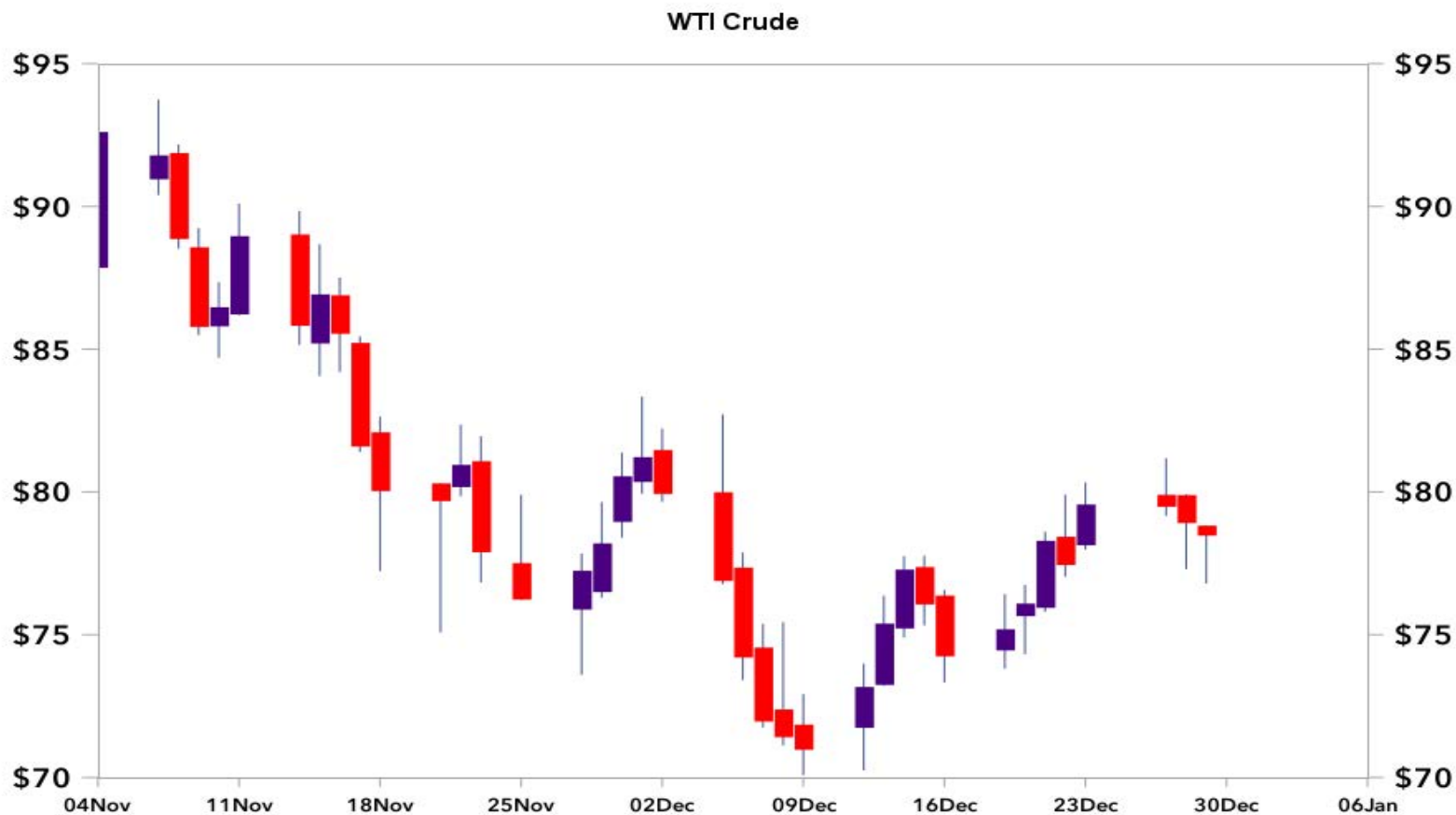


Weekly Petroleum Status Report

Tables, Charts, and Comments

Latest EIA Data Update December 23, 2022

A Build in Crude Stocks Continued Pressure Prices Down



EIA Weekly Petroleum Status Report December 23, 2022 Update

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EIA Petroleum Stocks

(Million Barrels)	Current Week	Change	Week Ago	Year Ago	Difference
Crude Oil	794.1	-2.8	796.9	1,015.0	-220.9
Commercial	419.0	0.7	418.2	420.0	-1.0
SPR	375.1	-3.5	378.6	595.0	-219.9
Total Motor Gasoline	223.0	-3.1	226.1	222.7	0.3
Conventional	15.9	0.9	15.0	17.6	-1.7
Blending Components	207.1	-4.0	211.1	205.0	2.0
Fuel Ethanol	24.6	0.6	24.1	20.7	4.0
Kerosene-Type Jet Fuel	36.3	-0.2	36.5	34.6	1.7
Distillate Fuel Oil	120.2	0.3	119.9	122.4	-2.2
15 ppm sulfur and under	109.1	-0.0	109.1	112.3	-3.2
>15 ppm to 500 ppm sulfur	2.9	0.3	2.6	2.5	0.4
>500 ppm sulfur	8.2	0.0	8.2	7.6	0.6
Residual Fuel Oil	30.4	1.0	29.4	25.6	4.8
Propane/Propylene	84.4	-3.0	87.4	66.5	18.0
Other Oils	270.5	-7.5	278.0	272.2	-1.7
Unfinished Oils	78.5	-0.9	79.3	82.9	-4.4

Stocks Summary

Million Barrels	Latest Data	Week Change	Last Week	Last Year	Diff To Last Year	5-Year Average	Diff To 5-Yr Average
Crude	419.0	0.7	418.2	420.0	-1.0	441.8	-22.9
Gasoline	223.0	-3.1	226.1	222.7	0.3	235.0	-12.0
Distillates	120.2	0.3	119.9	122.4	-2.2	135.3	-15.1
Crude Runs (/day)	16.1	0.2	16.0	15.7	0.4	16.5	-0.4
Refinery Utilization (%)	92.0	1.1	90.9	89.7	2.3	91.5	0.5

Stocks by PADD

	Crude Stocks	Week Chg	5 Year Average	Last Year	Gasoline Stocks	Week Chg	5 Year Average	Last Year	Distillate Stocks	Week Chg	5 Year Average	Last Year
PADD 1	8.2	0.7	10.7	8.2	53.8	-2.0	61.6	58.2	34.1	0.4	47.6	42.1
PADD 2	105.9	-0.2	130.3	115.0	46.4	-0.4	51.3	48.9	27.2	0.4	27.9	25.6
PADD 3	231.7	1.0	229.3	226.5	84.1	-1.1	84.3	80.5	42.8	-0.6	42.4	38.3
PADD 4	24.4	-0.7	23.2	24.1	7.5	0.2	7.7	7.7	3.4	-0.0	4.1	4.1
PADD 5	48.8	-0.1	48.3	46.2	31.2	0.3	30.1	27.4	12.7	0.1	13.3	12.3
Total	419.0	0.7	441.8	420.0	223.0	-3.1	235.0	222.7	120.2	0.3	135.3	122.4

	RBOB Stocks	Week Chg	5 Year Average	Last Year	Residual Stocks	Week Chg	5 Year Average	Last Year	Jet Stocks	Week Chg	5 Year Average	Last Year
PADD 1	19.6	0.3	13.5	17.0	5.9	0.1	6.3	3.9	8.5	-0.7	9.0	8.9
PADD 2	5.5	0.4	6.3	6.8	1.0	-0.0	1.1	1.1	6.7	0.1	6.6	6.2
PADD 3	11.8	0.1	8.0	11.6	18.7	0.9	16.9	15.9	11.4	0.2	12.9	11.3
PADD 4	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.8	-0.0	0.7	0.6
PADD 5	11.5	-0.7	10.0	10.5	4.6	0.0	4.4	4.6	8.9	0.2	9.2	7.6
Total	48.5	0.2	37.8	45.9	30.4	1.0	28.9	25.6	36.3	-0.2	38.4	34.6

Crude Runs

kbd	Latest Data	Last Week	Week Change	Last Year	Diff to Last Year	5 Year Average	Diff to 5 Year Average
PADD 1	765	752	-13	721	44	874	-109
PADD 2	3,817	3,900	83	3,798	19	3,795	22
PADD 3	8,815	8,937	122	8,520	295	8,957	-142
PADD 4	570	563	-7	551	19	602	-32
PADD 5	2,183	2,172	-11	2,113	70	2,300	-117
Total	16,149	16,322	173	15,703	446	16,528	-379

Refinery Runs

kbd	Latest Data	Last Week	Week Change	Last Year	Diff to Last Year	5 Year Average	Diff to 5 Year Average
PADD 1	789	757	-32	747	42	883	-94
PADD 2	3,832	3,933	101	3,809	23	3,803	29
PADD 3	9,079	9,226	147	8,882	197	9,178	-99
PADD 4	568	561	-7	551	17	601	-33
PADD 5	2,318	2,313	-5	2,273	45	2,451	-133
Total	16,586	16,789	203	16,262	324	16,916	-330

Total Crude Stocks

Week Ending: December 23, 2022

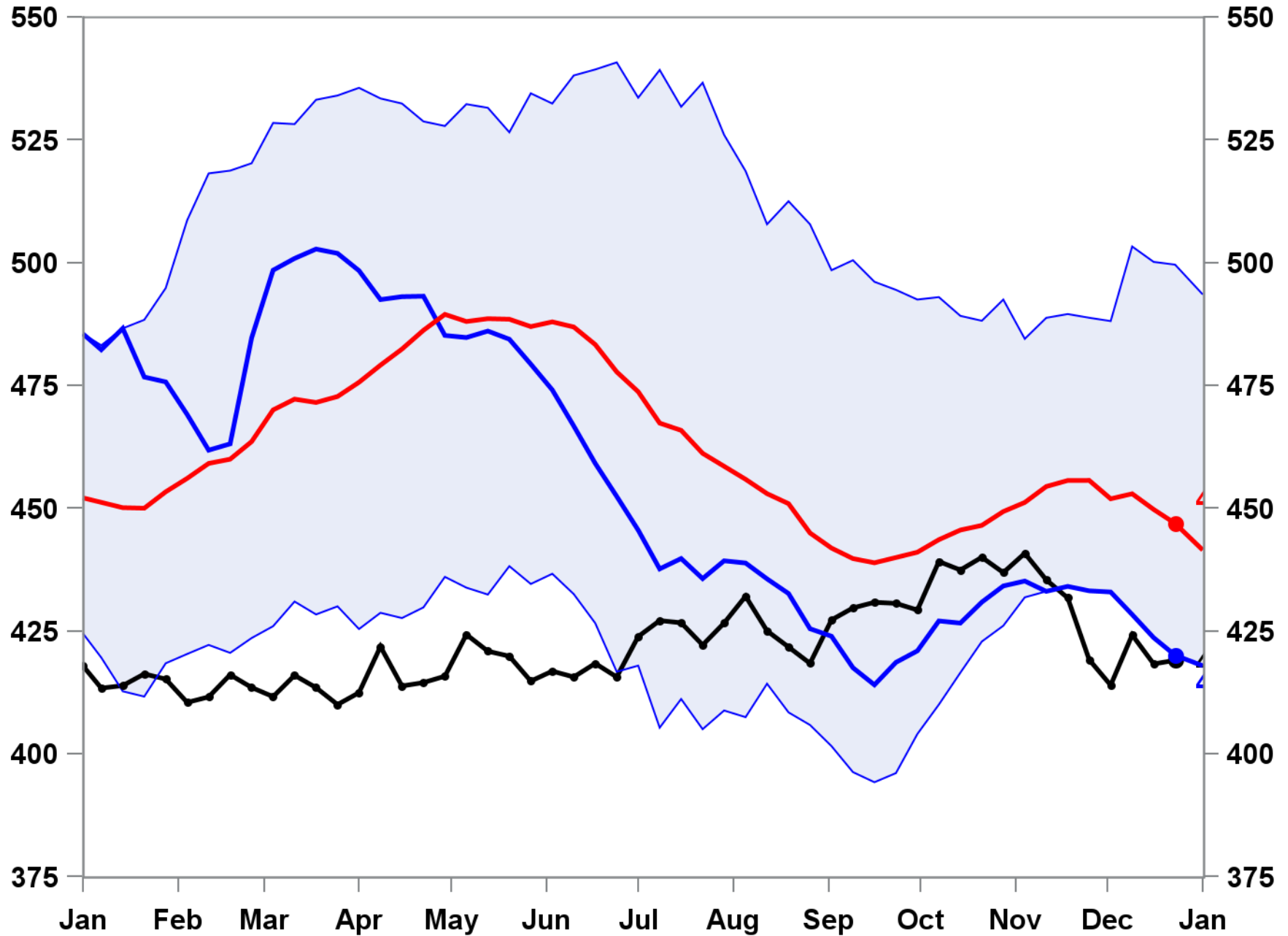
419.0 MMBBL

Week Change: 0.7 MMBBL

Last Year: 420.0

Five Year Average: 446.8

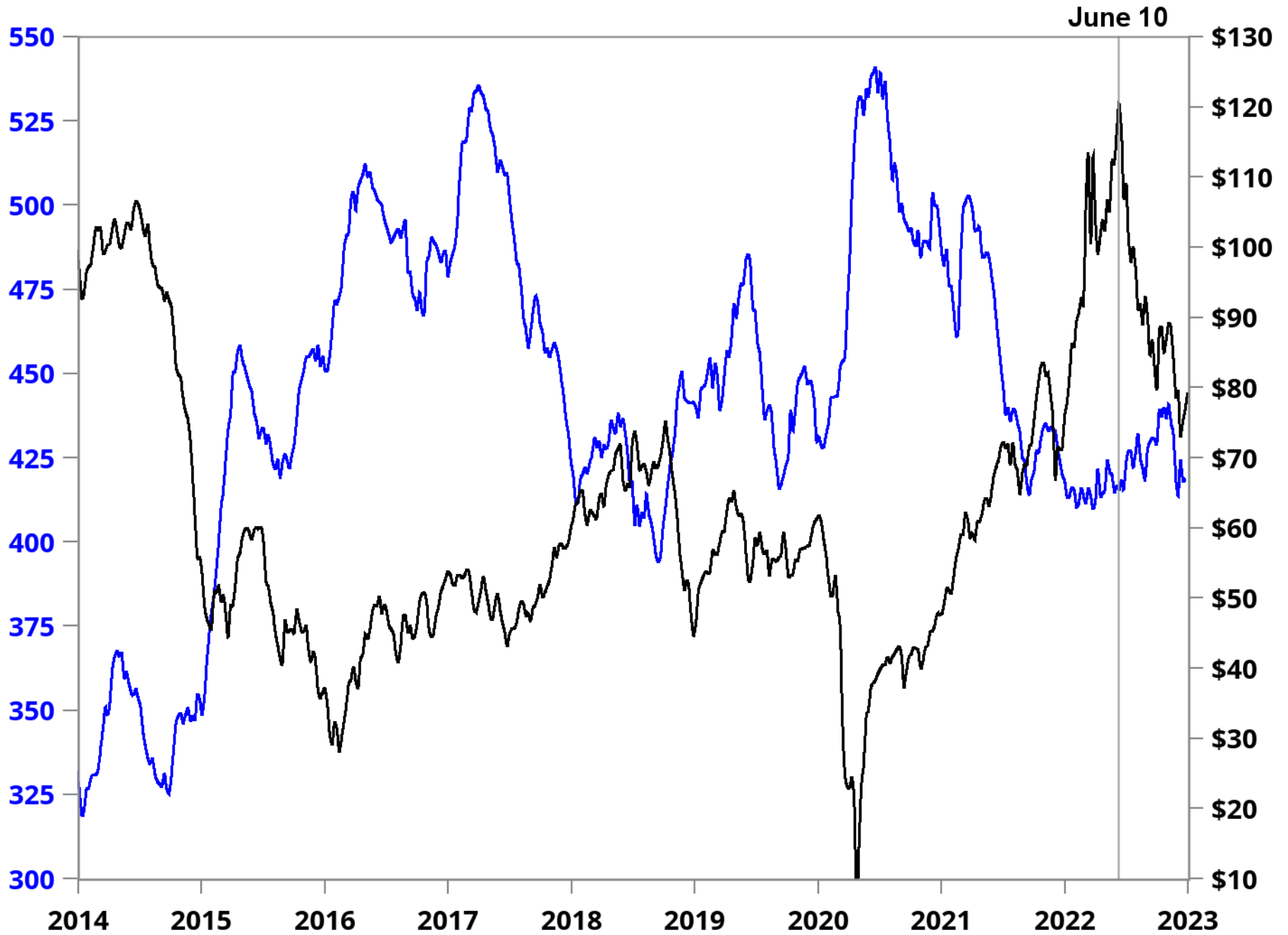
Delta to Last Year: -1.0



Total Crude Stocks and WTI Crude Prices

Crude Stocks

WTI Crude

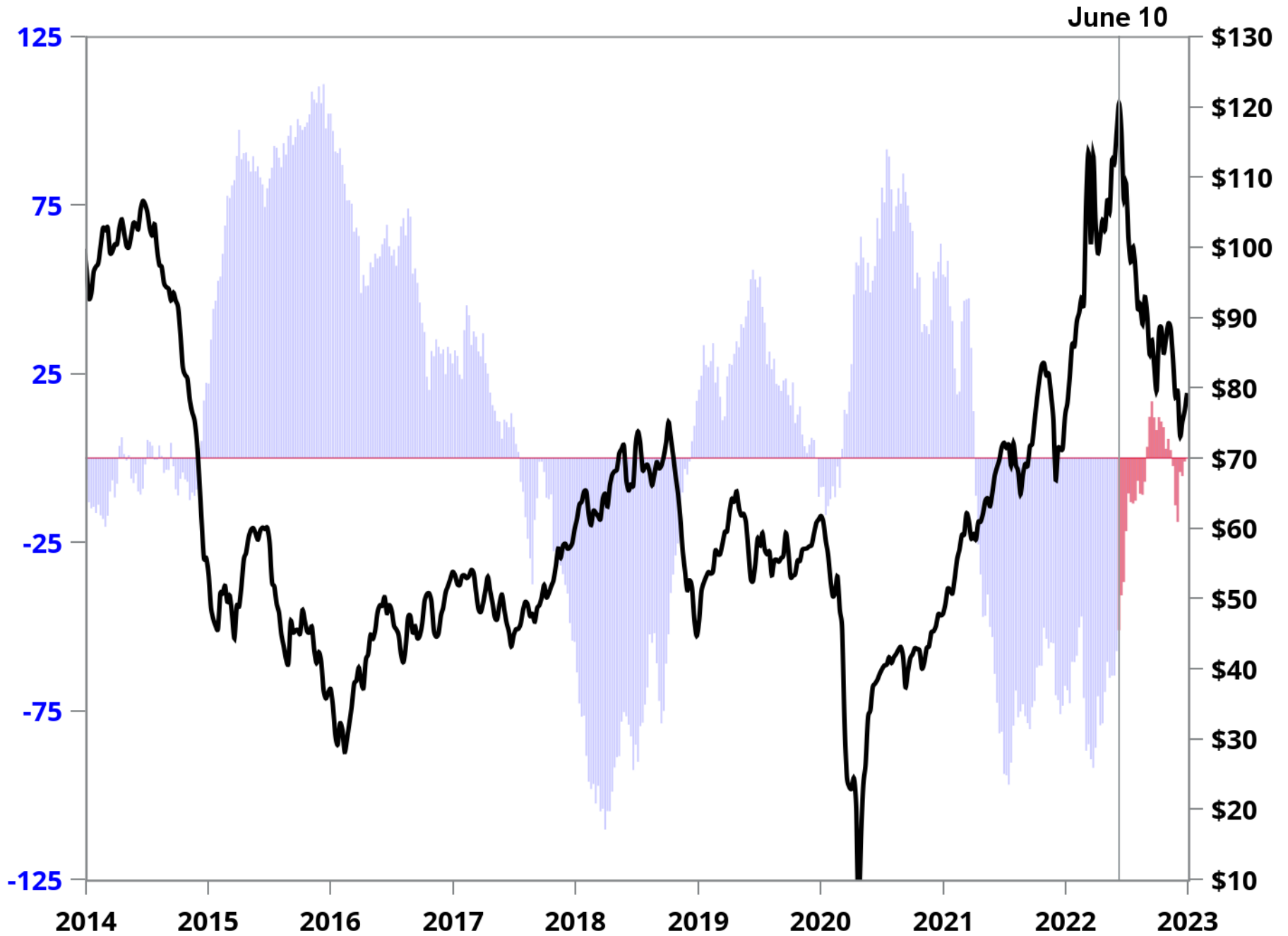


June 10

Total Crude Stocks Annual Delta and WTI Crude Prices

Crude Stocks Delta

WTI Crude



Cushing Crude Stocks

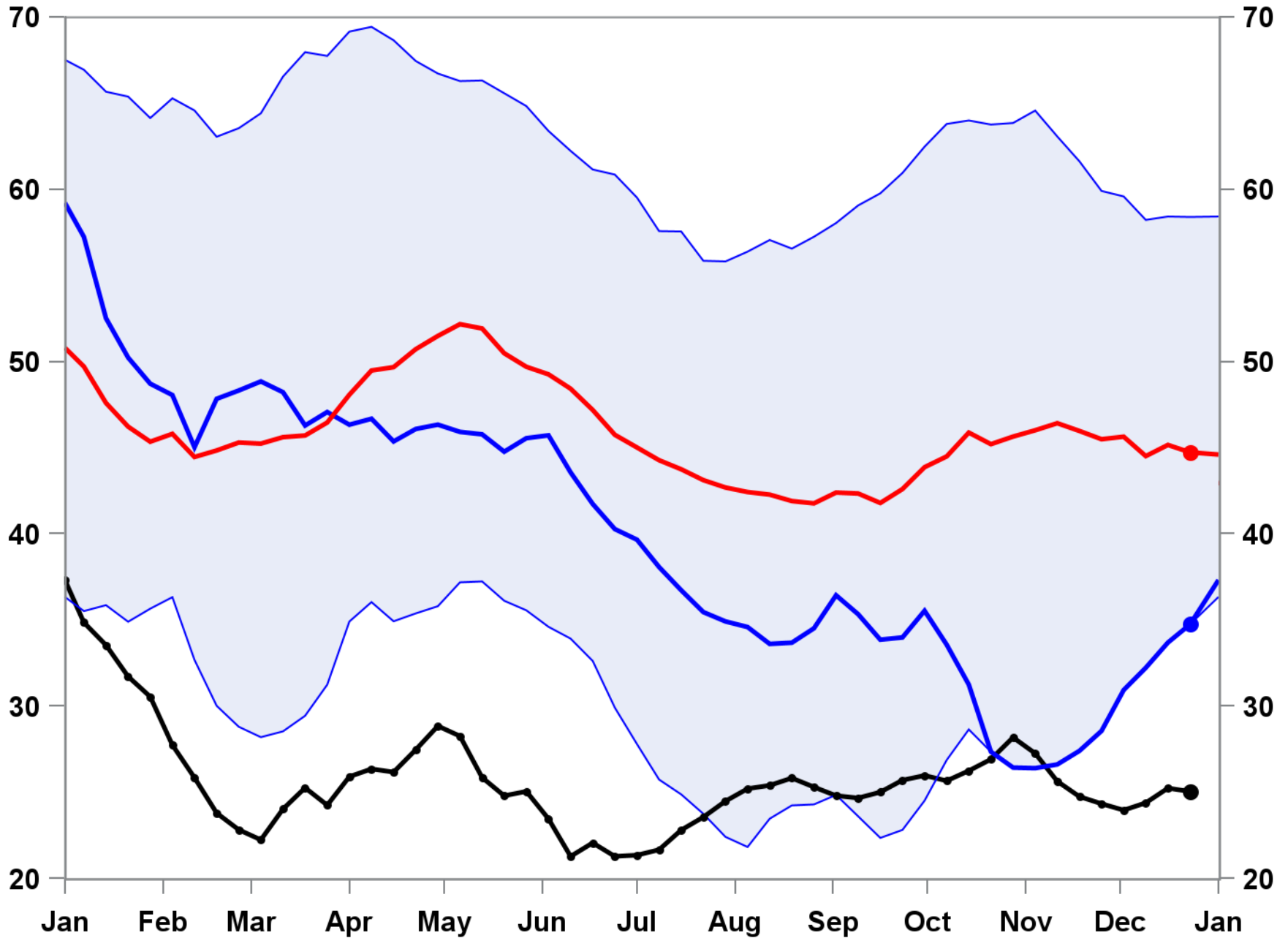
Week Ending: December 23, 2022

25.0 MMBBL

Week Change: -0.2 MMBBL

Last Year: 34.7

Five Year Average: 44.7



PADD 2 Crude Stocks

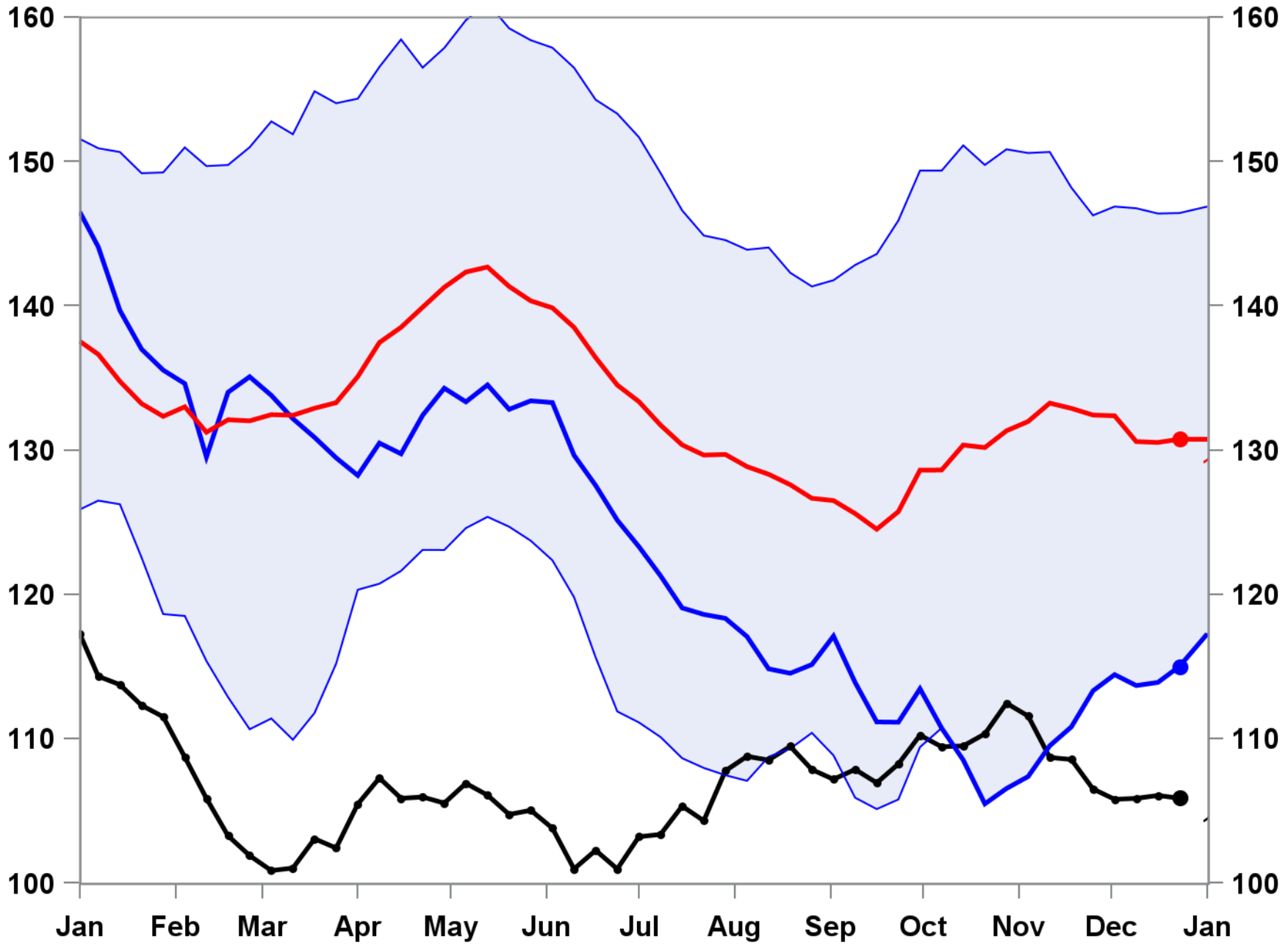
Week Ending: December 23, 2022

105.9 MMBBL

Week Change: -0.2 MMBBL

Last Year: 115.0

Five Year Average: 130.7



PADD 3 Crude Stocks

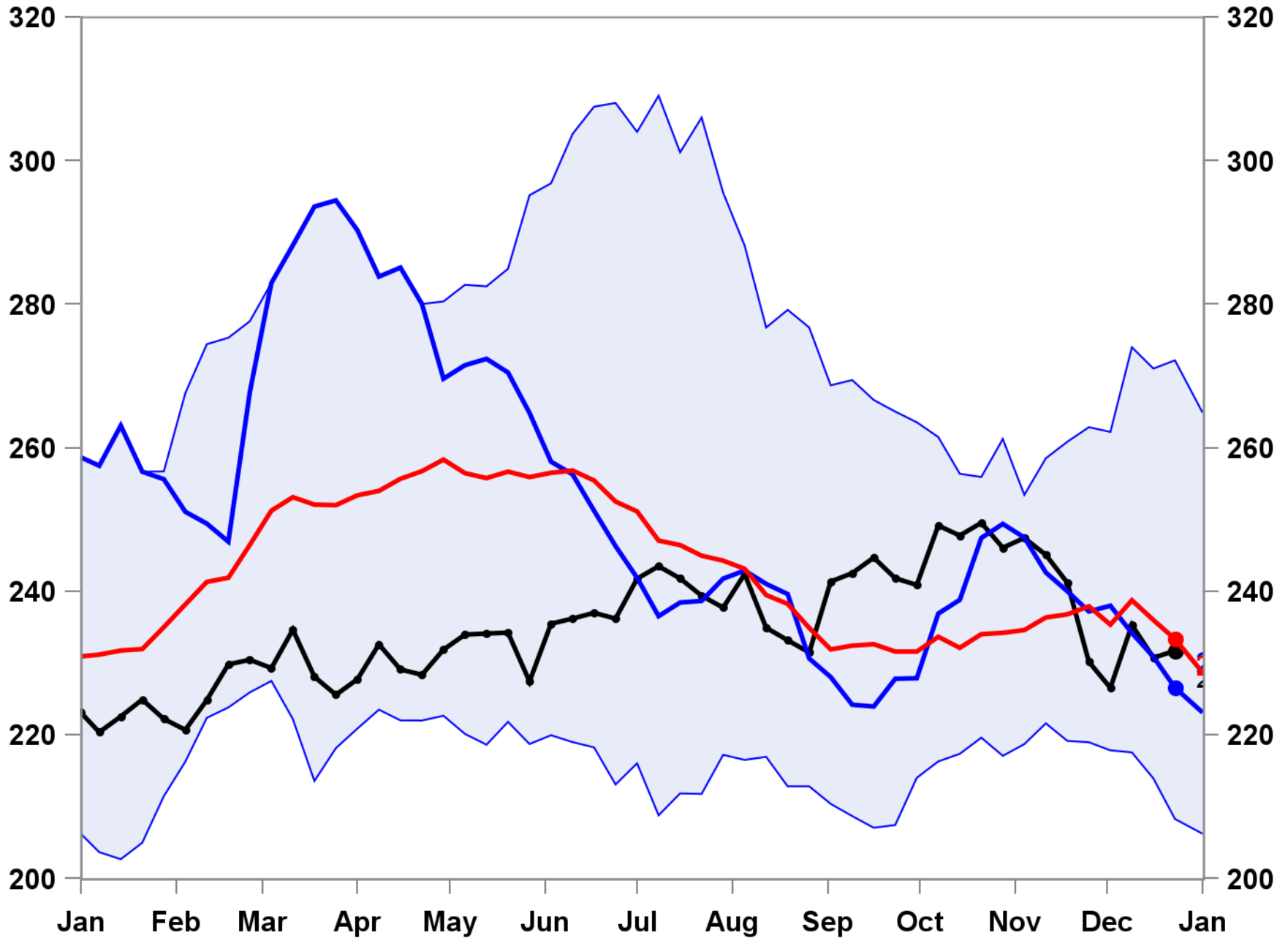
Week Ending: December 23, 2022

231.7 MMBBL

Week Change: 1.0 MMBBL

Last Year: 226.5

Five Year Average: 233.3

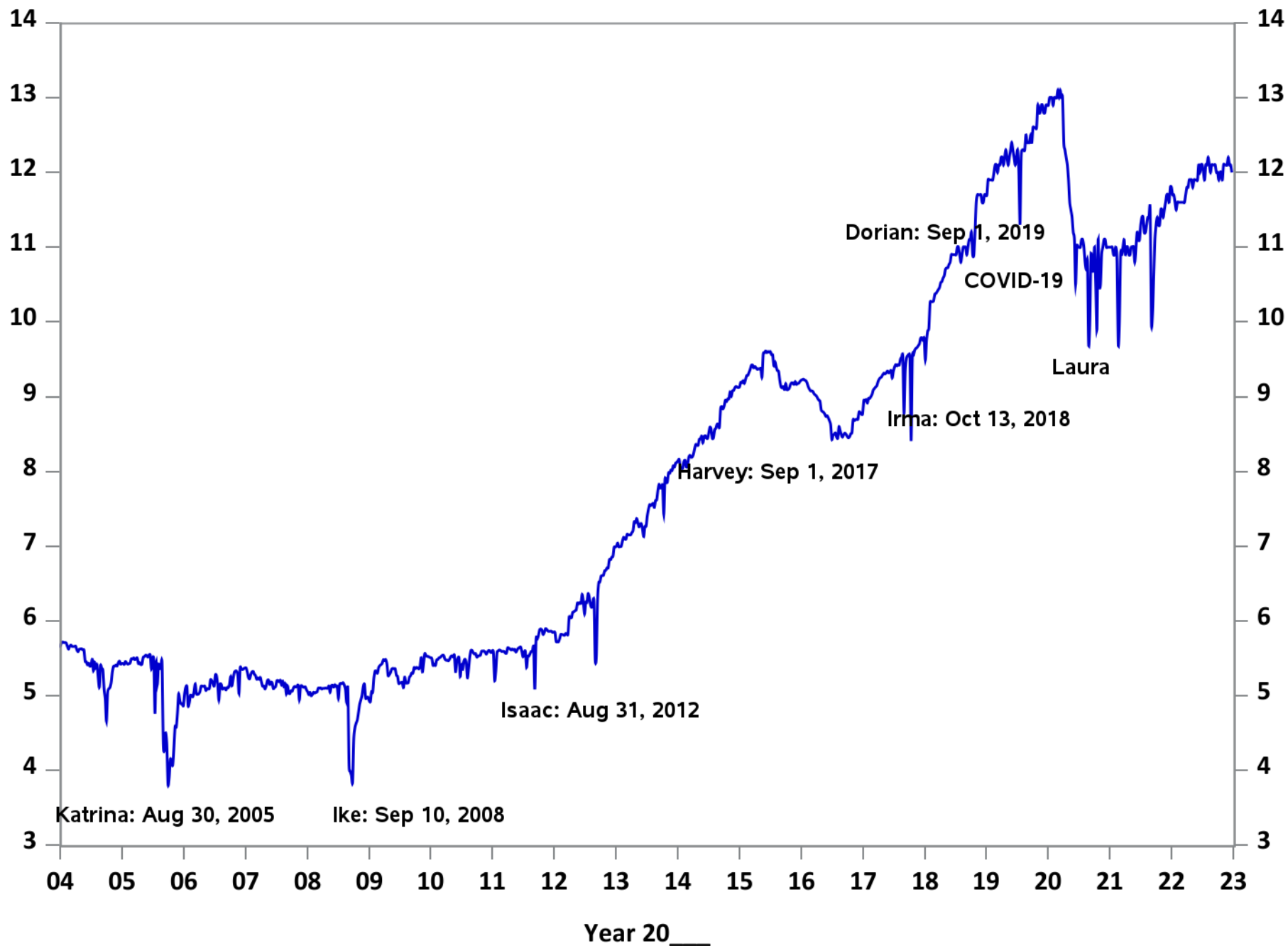


Total Crude Oil Production

Week Ending: December 23, 2022

12.0 MMBBL

Week Change: -0.1 MMBBL



Total Crude Days Forward Supply

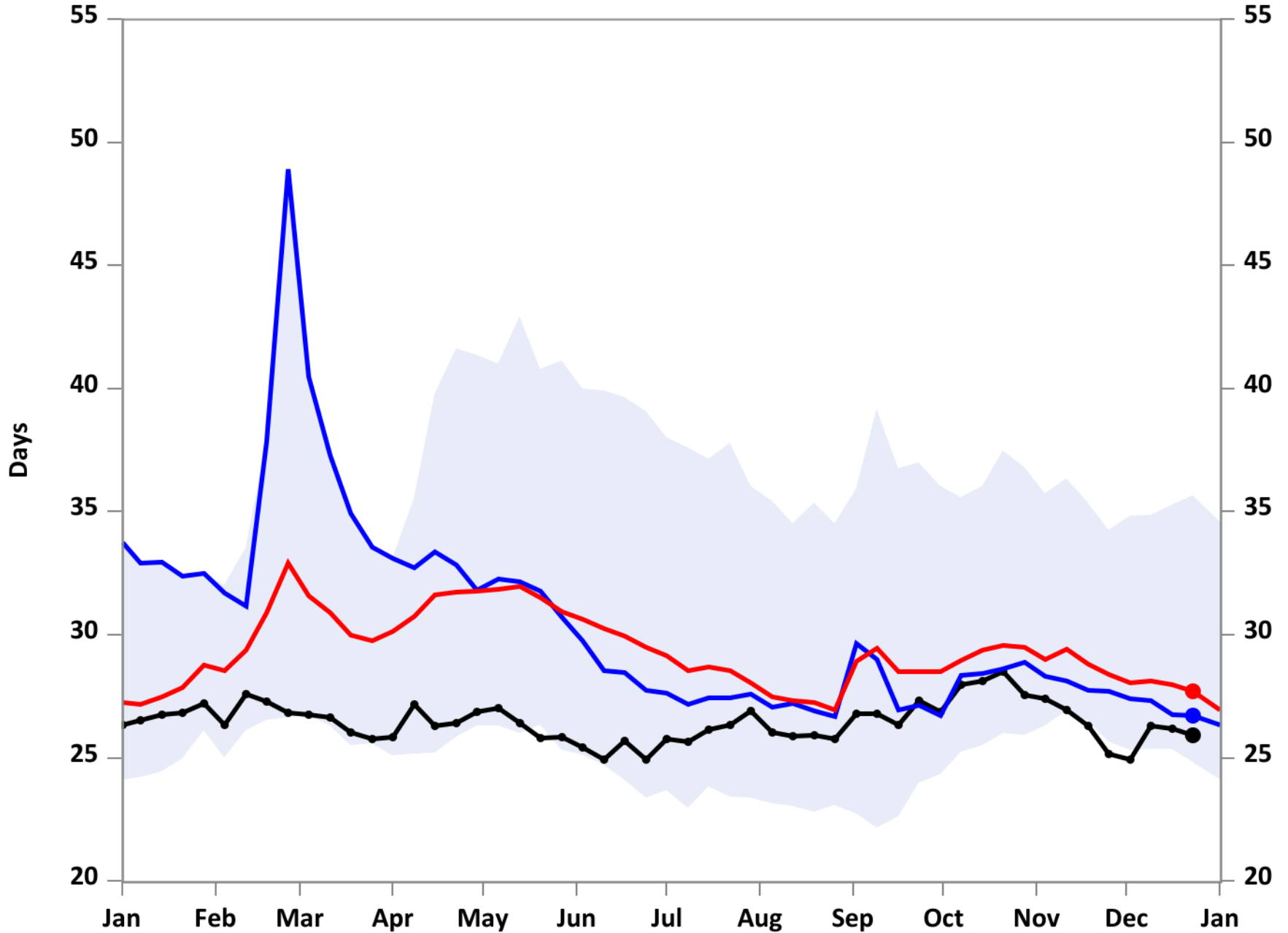
Week Ending: December 23, 2022

25.9 Days

Week Change: -0.2

Last Year: 26.7

Five Year Average: 27.7



Total Petroleum Stocks

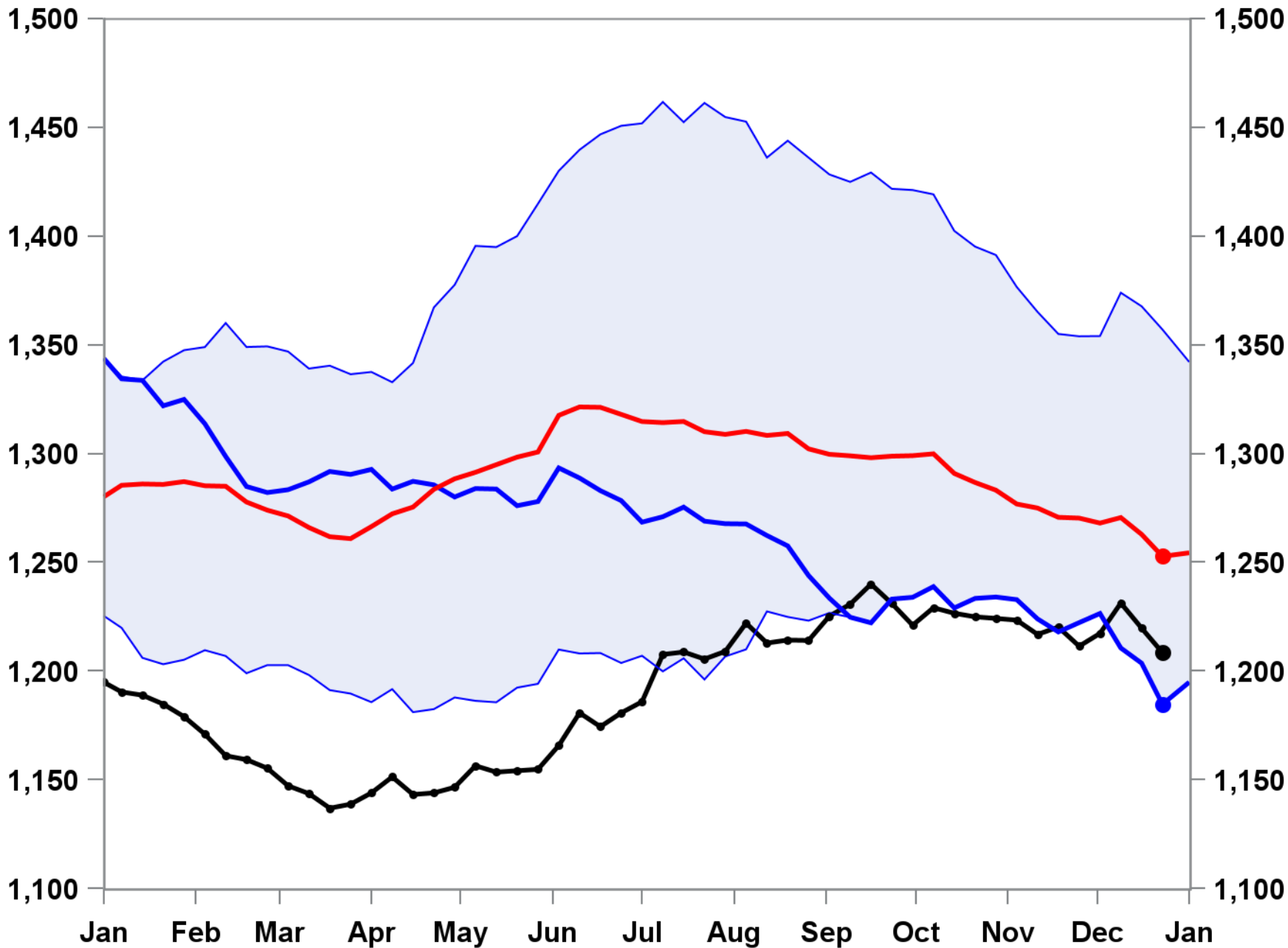
Week Ending: December 23, 2022

1,208 MMBBL

Week Change: -11.2 MMBBL

Last Year: 1,185

Five Year Average: 1252.6



December 23, 2022

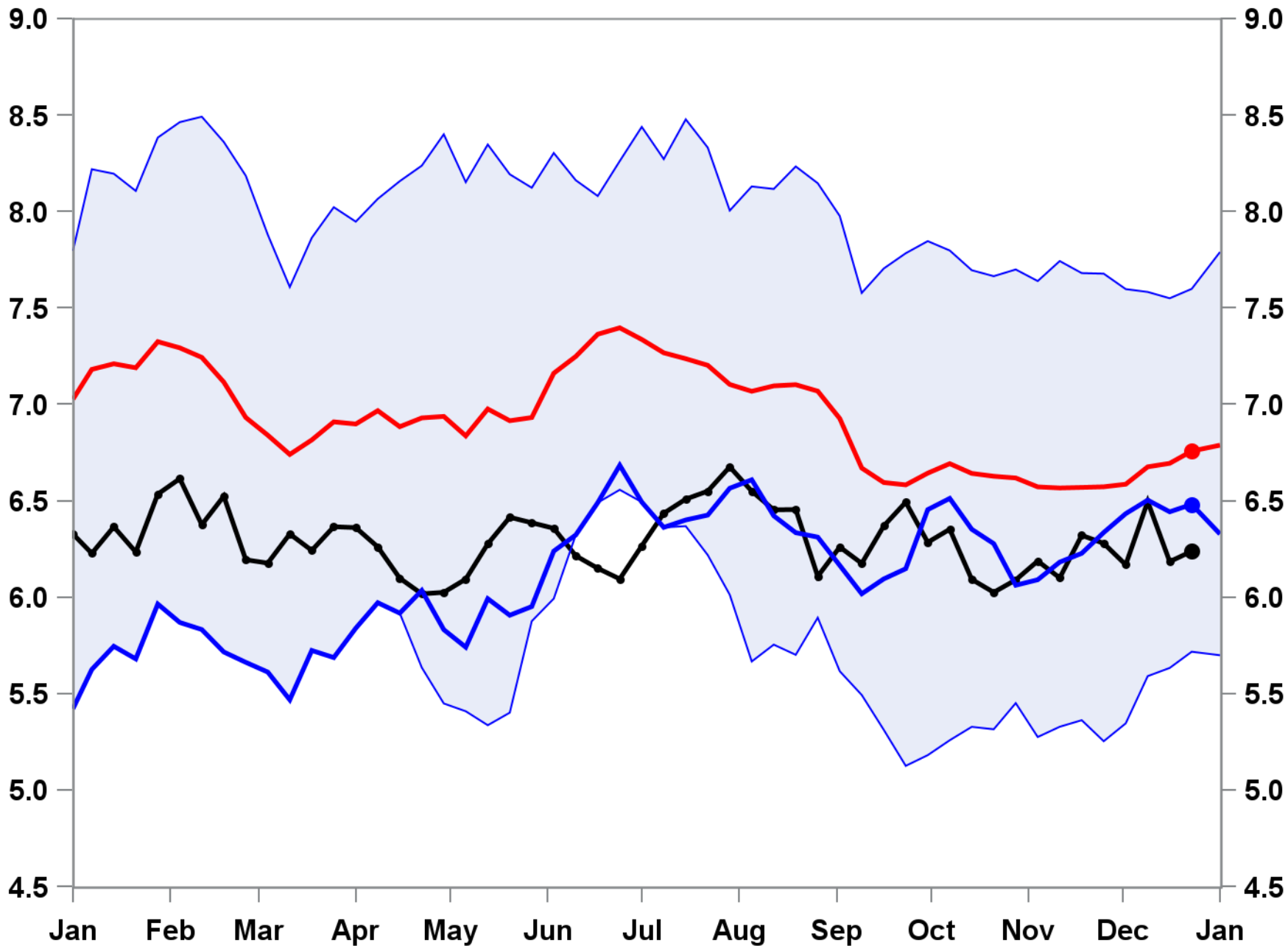
Crude Imports (Smoothed with 4-Week Moving Average)

6.25 MMbbl

0.43 MMbbl Week Change

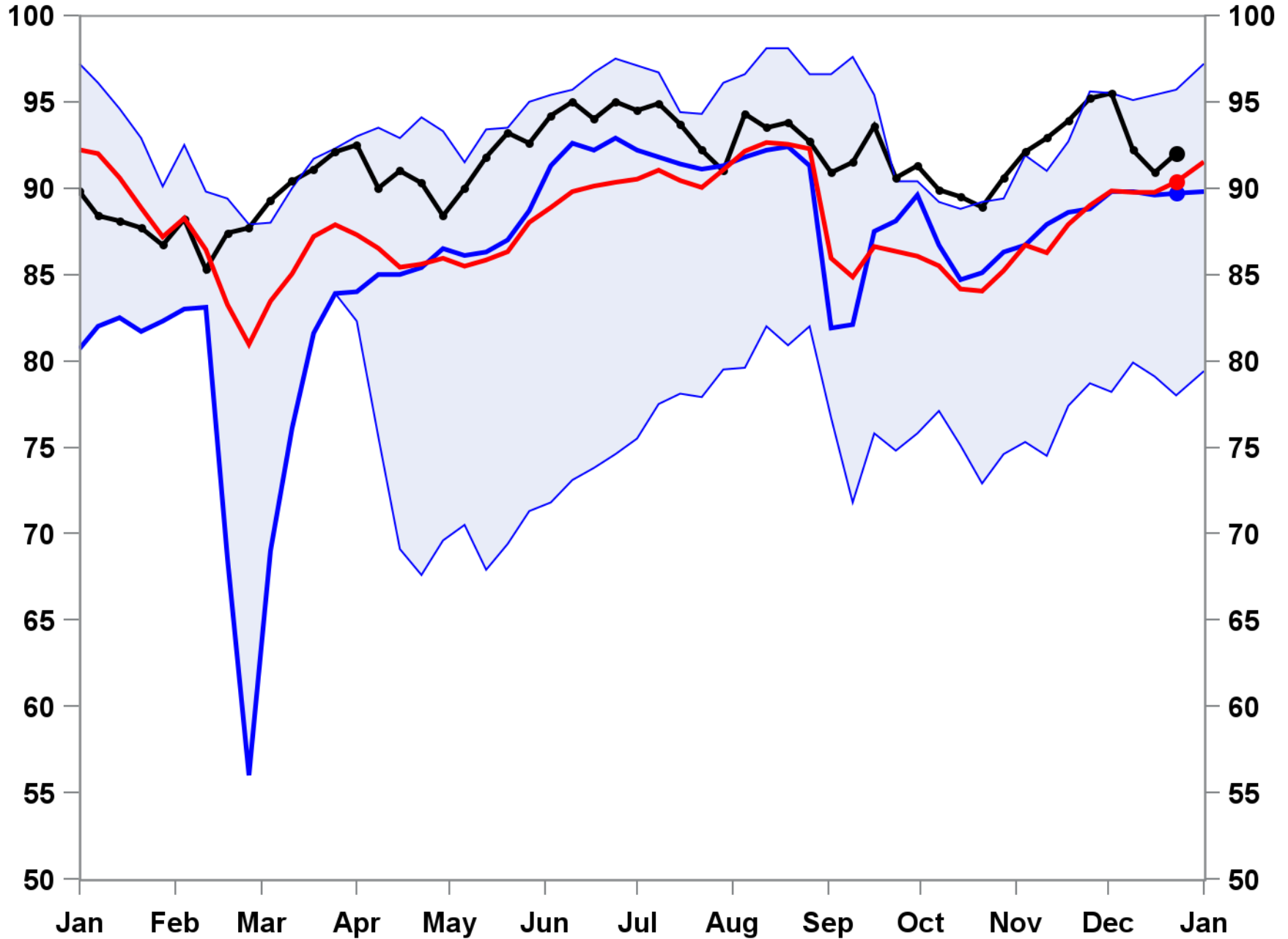
5-Year Average

2021 Data



5-Year Average

2021 Data



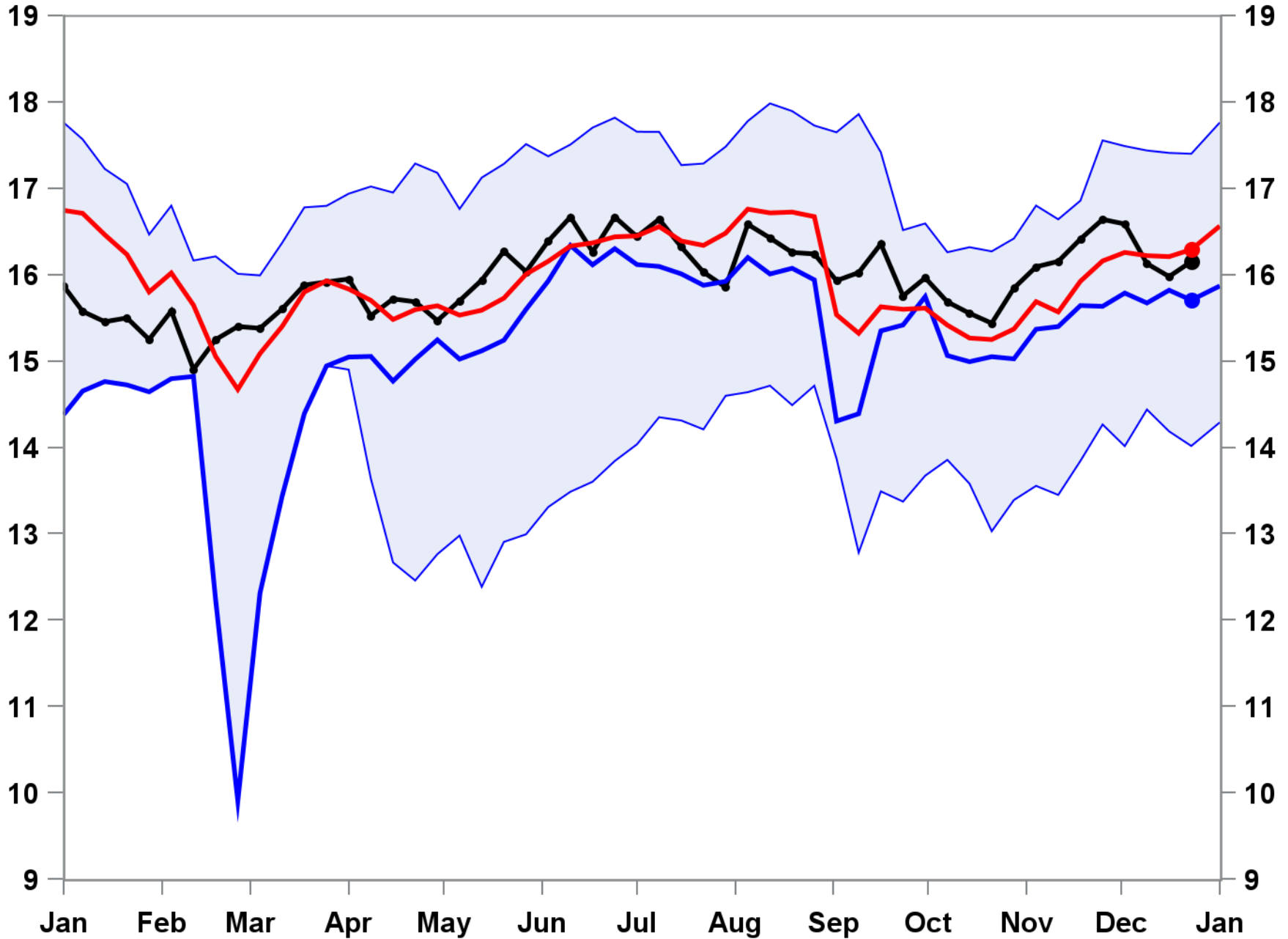
December 23, 2022

Crude Runs
16.15 MMbbl

0.17 MMbbl Week Change

5-Year Average

2021 Data

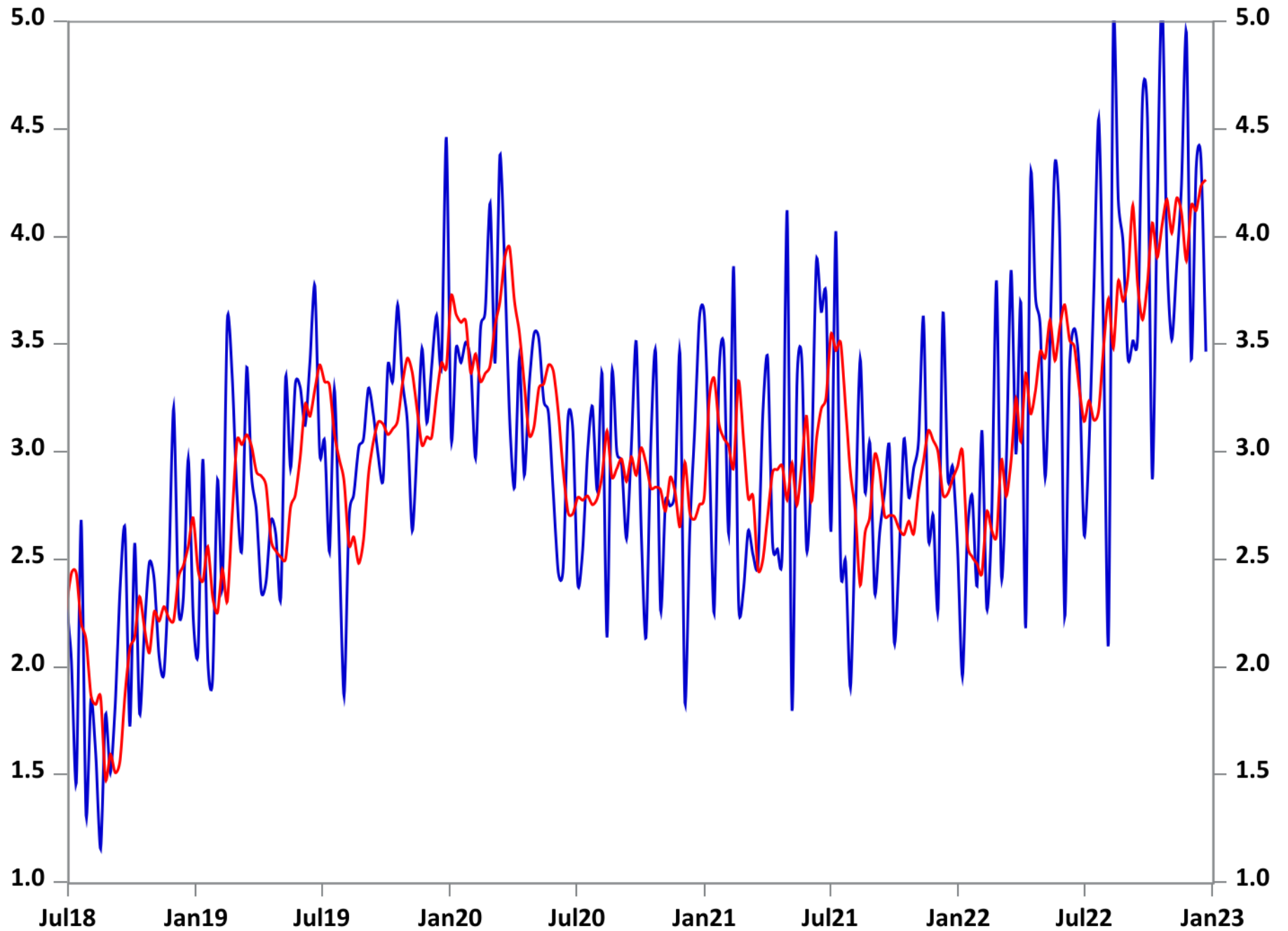


Total Crude Oil Exports with Quarterly Averages

Week Ending: December 23, 2022

3.5 MMBBL

Week Change: -895 MMBBL



2022 Year to Date Data

	MoGas Stocks	MoGas Production	MoGas Demand	Days Forward Supply	PADD 1 MoGas Stocks	PADD 1 MoGas Production	PADD 1 MoGas Demand	PADD 1 Days Forward Supply
07JAN	240.7	8.6	.	.	63.9	8.6	.	.
14JAN	246.6	8.7	8.2	29.9	64.5	8.7	3.1	20.9
21JAN	247.9	8.9	9.0	27.4	64.4	8.9	3.1	20.9
28JAN	250.0	8.7	8.8	28.5	65.8	8.7	3.1	21.1
04FEB	248.4	9.4	10.1	24.5	63.0	9.4	3.6	17.4
11FEB	247.1	8.8	9.6	25.8	63.1	8.8	3.4	18.3
18FEB	246.5	9.3	9.8	25.2	62.2	9.3	3.6	17.5
25FEB	246.0	9.3	9.9	24.7	60.8	9.3	3.7	16.5
04MAR	244.6	9.6	10.5	23.2	60.6	9.6	3.7	16.3
11MAR	241.0	9.4	10.4	23.1	60.7	9.4	3.5	17.3
18MAR	238.0	9.8	10.9	21.7	57.2	9.8	4.0	14.3
25MAR	238.8	9.1	9.6	24.9	57.7	9.1	3.4	16.7
01APR	236.8	9.1	9.9	23.9	56.4	9.1	3.6	15.5
08APR	233.1	9.5	10.5	22.3	55.5	9.5	3.6	15.5
15APR	232.4	9.8	10.5	22.0	53.8	9.8	3.7	14.4
22APR	230.8	9.5	10.6	21.8	50.7	9.5	4.2	12.2
29APR	228.6	9.7	11.1	20.5	52.3	9.7	3.8	13.9
06MAY	225.0	9.7	10.9	20.6	51.8	9.7	3.9	13.3
13MAY	220.2	9.6	11.1	19.8	51.4	9.6	3.8	13.7

2022 Year to Date Data

	MoGas Stocks	MoGas Production	MoGas Demand	Days Forward Supply	PADD 1 MoGas Stocks	PADD 1 MoGas Production	PADD 1 MoGas Demand	PADD 1 Days Forward Supply
20MAY	219.7	9.4	10.3	21.3	52.1	9.4	3.8	13.6
27MAY	219.0	10.0	11.0	20.0	51.3	10.0	4.1	12.4
03JUN	218.2	10.0	11.3	19.3	53.2	10.0	4.0	13.4
10JUN	221.6	9.5	9.8	22.5	53.4	9.5	3.8	14.1
17JUN	219.0	9.4	10.5	20.8	52.3	9.4	4.0	13.1
24JUN	221.6	9.5	9.9	22.3	53.4	9.5	3.7	14.6
01JUL	219.1	10.3	11.6	18.8	52.5	10.3	4.1	12.9
08JUL	224.9	8.9	8.8	25.5	55.2	8.9	3.4	16.3
15JUL	228.4	9.4	9.7	23.5	54.7	9.4	3.8	14.5
22JUL	225.1	9.7	10.7	21.0	52.7	9.7	4.0	13.2
29JUL	225.3	9.3	9.9	22.8	51.7	9.3	3.9	13.4
05AUG	220.3	10.2	11.5	19.2	50.7	10.2	3.9	12.9
12AUG	215.7	10.0	11.3	19.0	50.9	10.0	4.0	12.8
19AUG	215.6	9.4	10.0	21.5	53.6	9.4	3.4	15.9
26AUG	214.5	9.8	10.5	20.4	51.9	9.8	4.0	13.1
02SEP	214.8	9.9	10.8	19.8	53.4	9.9	3.9	13.7
09SEP	213.0	9.5	10.2	20.8	56.0	9.5	3.2	17.3
16SEP	214.6	9.5	10.0	21.4	56.4	9.5	3.6	15.6
23SEP	212.2	9.6	10.5	20.2	55.2	9.6	3.8	14.3

2022 Year to Date Data

	MoGas Stocks	MoGas Production	MoGas Demand	Days Forward Supply	PADD 1 MoGas Stocks	PADD 1 MoGas Production	PADD 1 MoGas Demand	PADD 1 Days Forward Supply
30SEP	207.5	10.0	11.2	18.6	54.2	10.0	3.7	14.6
07OCT	209.5	9.2	9.6	21.9	54.6	9.2	3.6	15.2
14OCT	209.4	9.4	9.9	21.2	54.2	9.4	3.6	15.1
21OCT	207.9	9.4	10.3	20.2	51.1	9.4	4.1	12.4
28OCT	206.6	9.5	9.9	20.8	50.2	9.5	3.6	14.0
04NOV	205.7	9.8	10.4	19.8	49.1	9.8	3.7	13.2
11NOV	207.9	9.8	10.0	20.7	49.3	9.8	3.6	13.6
18NOV	211.0	9.2	9.3	22.7	47.1	9.2	3.8	12.3
25NOV	213.8	9.4	9.5	22.5	49.2	9.4	3.3	14.8
02DEC	219.1	9.1	8.8	24.8	50.6	9.1	3.3	15.3
09DEC	223.6	9.2	9.3	23.9	52.5	9.2	3.6	14.7
16DEC	226.1	9.6	9.7	23.2	55.9	9.6	3.2	17.6
23DEC	223.0	10.1	11.1	20.0	53.8	10.1	4.0	13.6

Total Gasoline Stocks

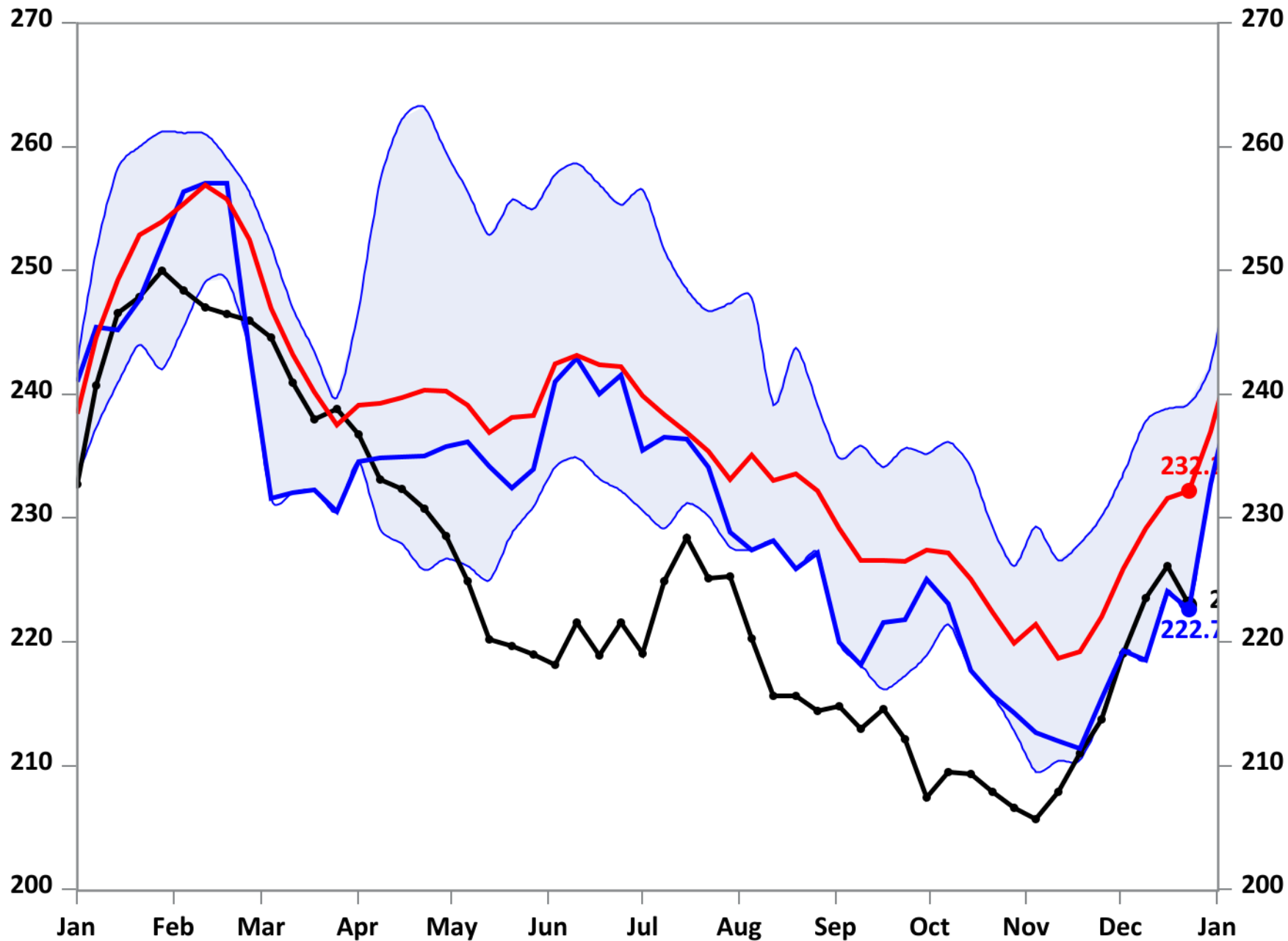
Week Ending: December 23, 2022

223.0 MMBBL

Week Change: -3.1 MMBBL

Last Year: 222.7

Five Year Average: 232.2



Total Gasoline Production (4-Week Moving Average Smoothing)

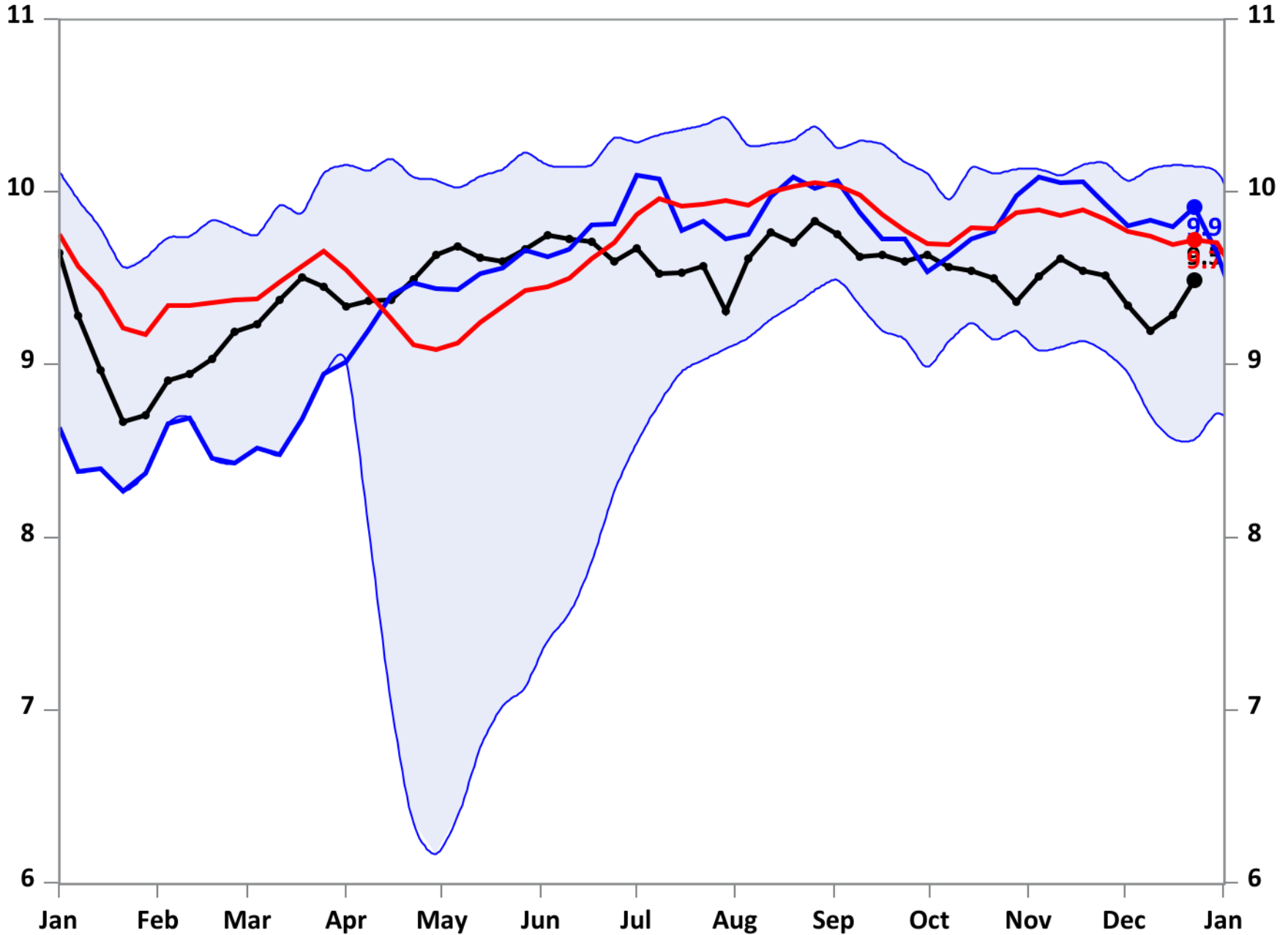
Week Ending: December 23, 2022

9.5 MMBBL/day

Week Change: 0.2 MMBBL

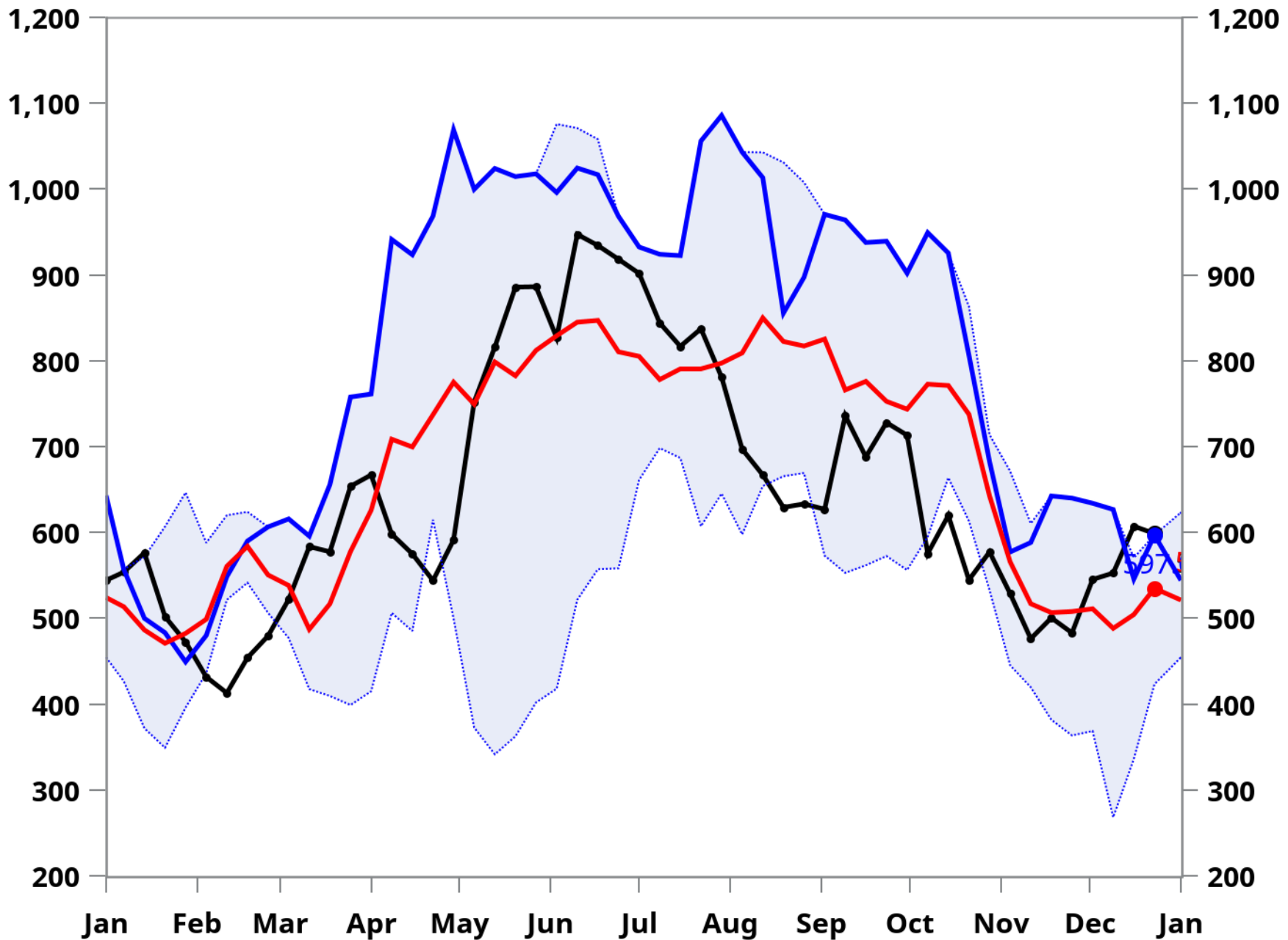
Last Year: 9.9

Five Year Average: 9.7



5-Year Average

2021 Data



Gasoline Demand (Smoothed with 4-Week Moving Average)

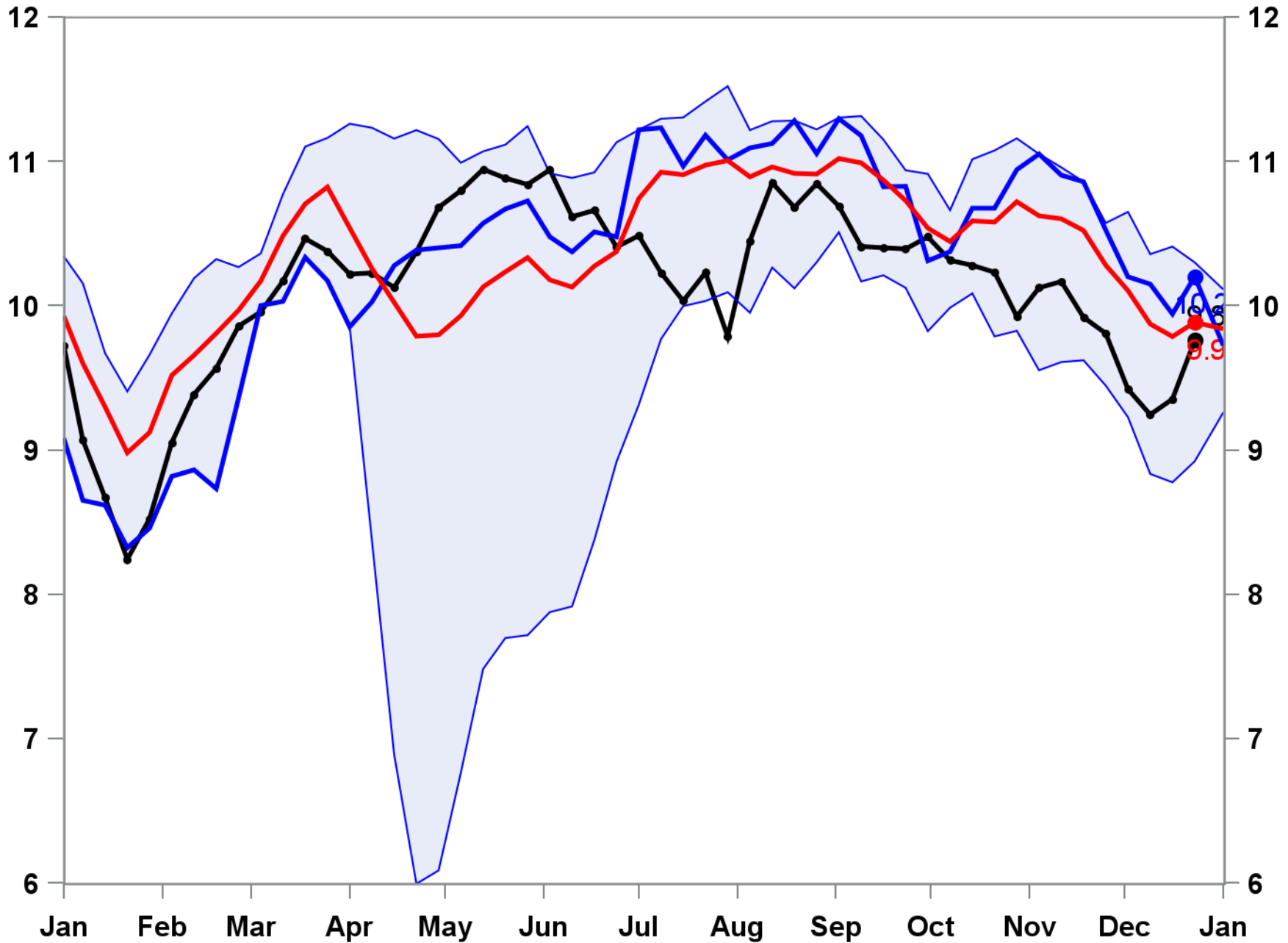
Week Ending: December 23, 2022

9.8 MMBBL/day

Week Change: 0.41 MMBBL

Last Year: 10.2

Five Year Average: 9.9



Gasoline Days Forward Supply (Smoothed with 4-Week Moving Average)

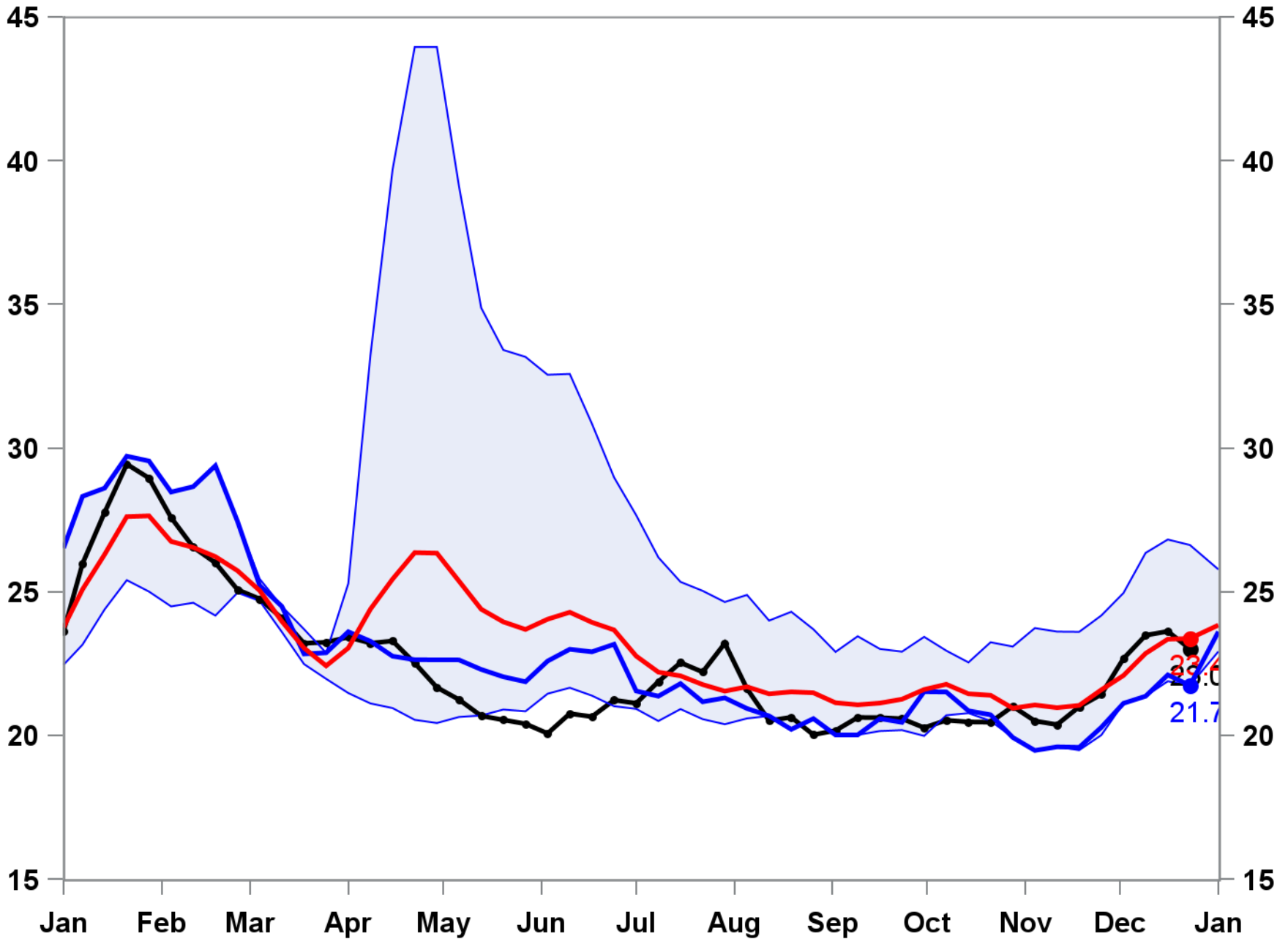
Week Ending: December 23, 2022

23.0 Days

Week Change: -0.61

Last Year: 21.7

Five Year Average: 23.4



PADD 1 Gasoline Stocks

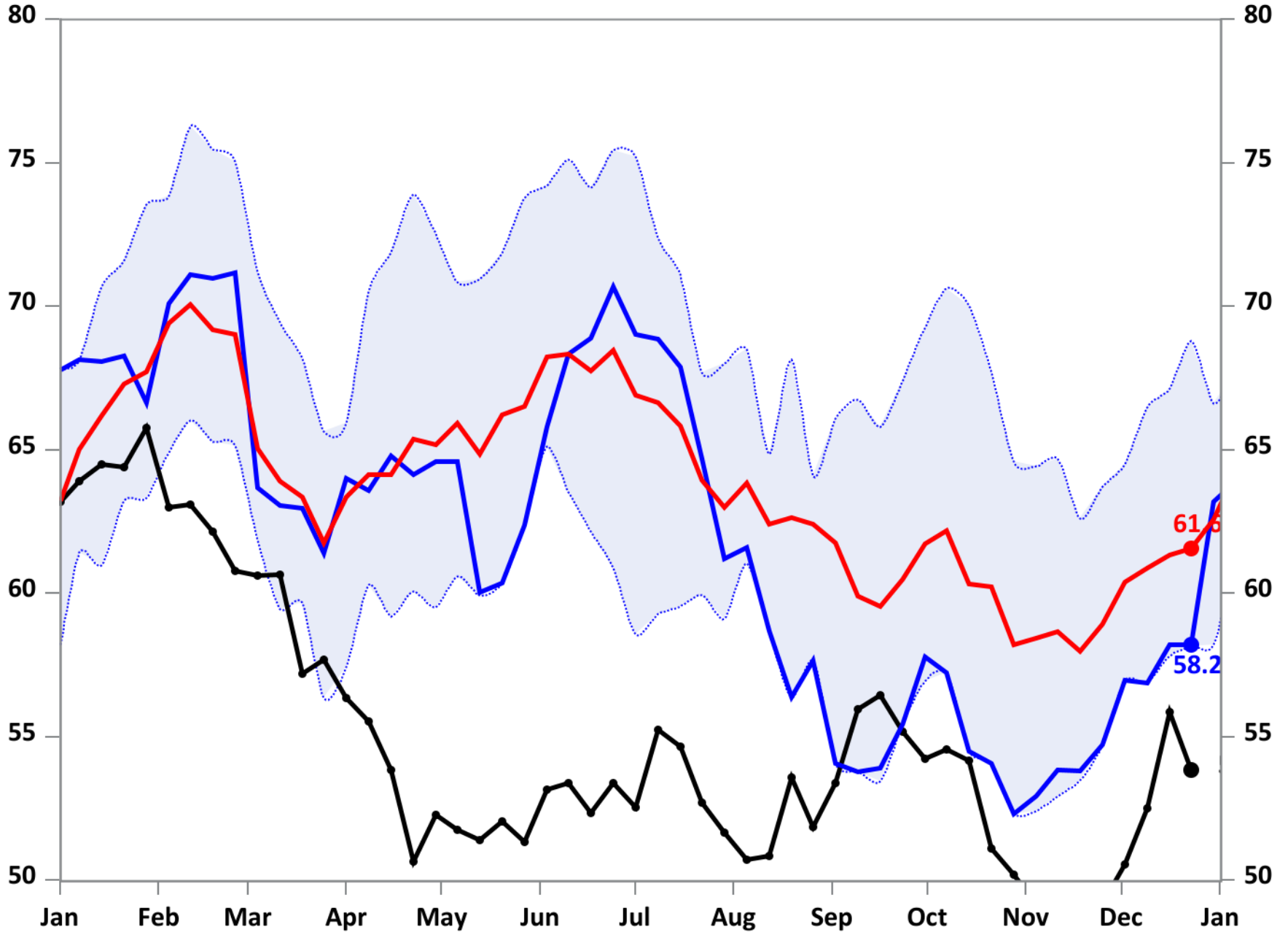
Week Ending: Dec 23, 2022

53.8 MMBBL

Week Change: -2.0 MMBBL

Last Year: 58.2

Five Year Average: 61.6



PADD 1 Gasoline Production (4-Week Moving Average Smoothing)

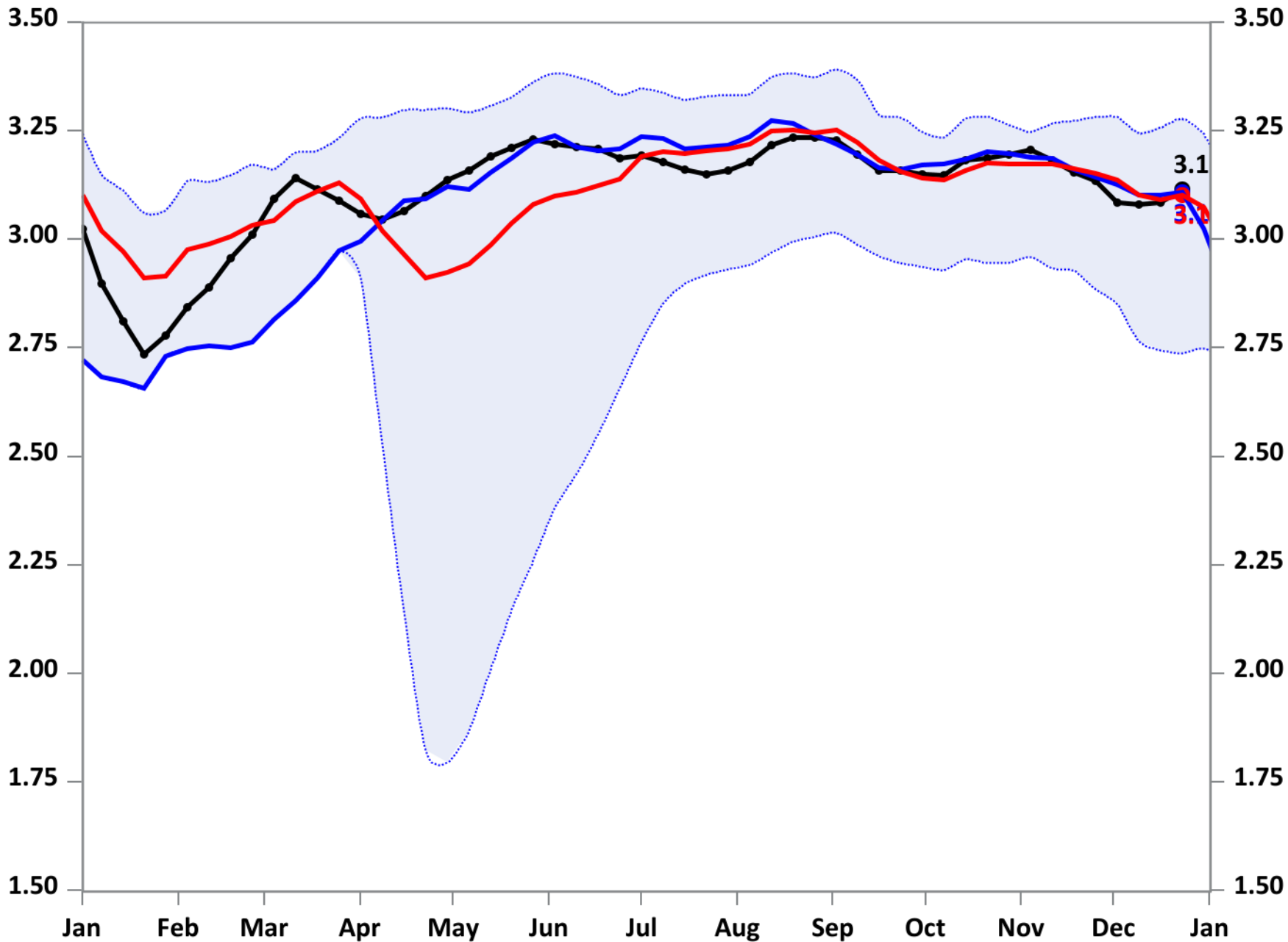
Week Ending: Dec 23, 2022

3.1 MMBBL/day

Week Change: 0.0 MMBBL

Last Year: 3.1

Five Year Average: 3.1



PADD 1 Gasoline Demand (Smoothed with 4-Week Moving Average)

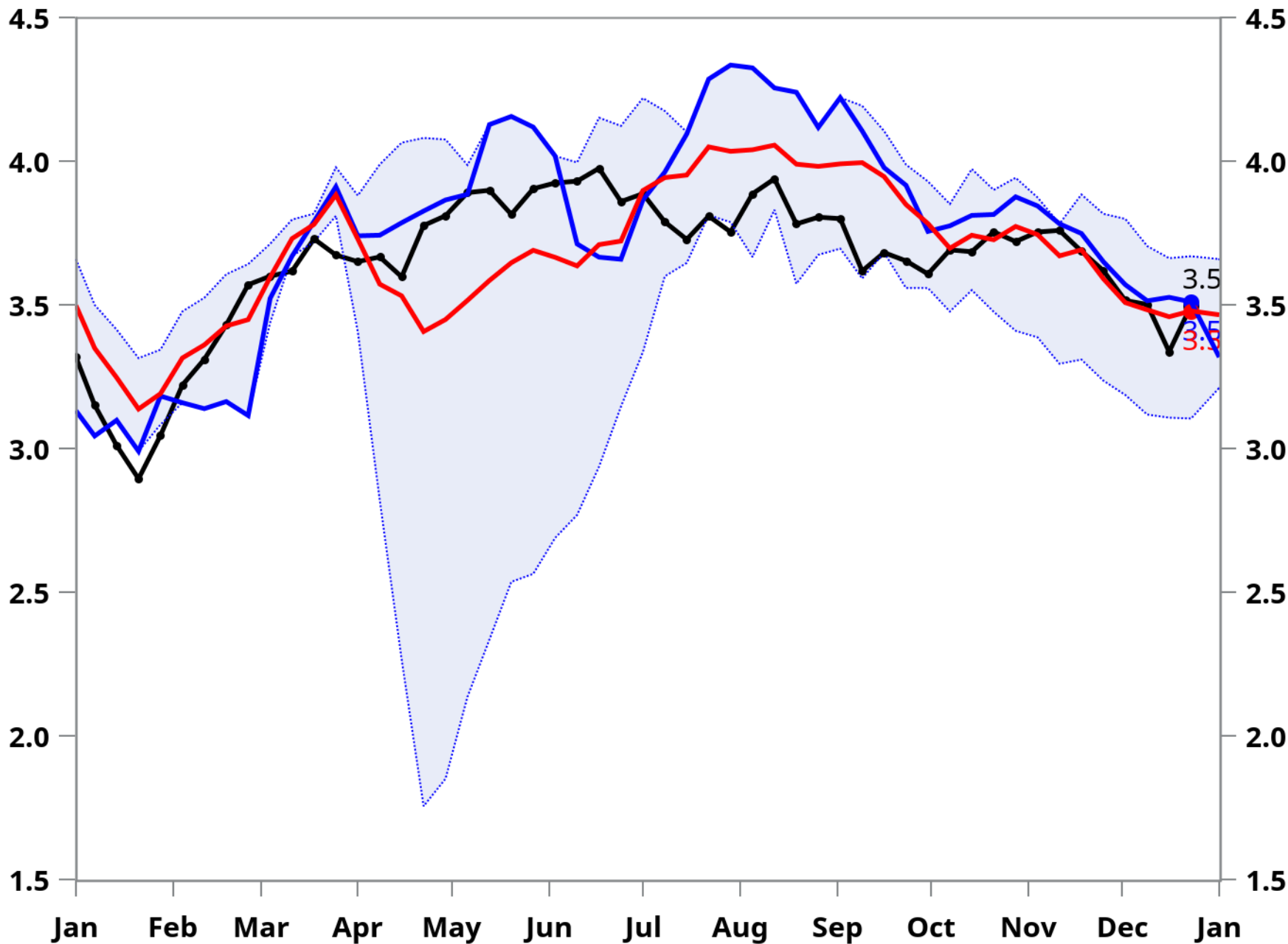
Week Ending: December 23, 2022

3.5 MMBBL/day

Week Change: 0.16 MMBBL

Last Year: 3.5

Five Year Average: 3.5



PADD 1 Gasoline Days Forward Supply (Smoothed with 4-Week Moving Average)

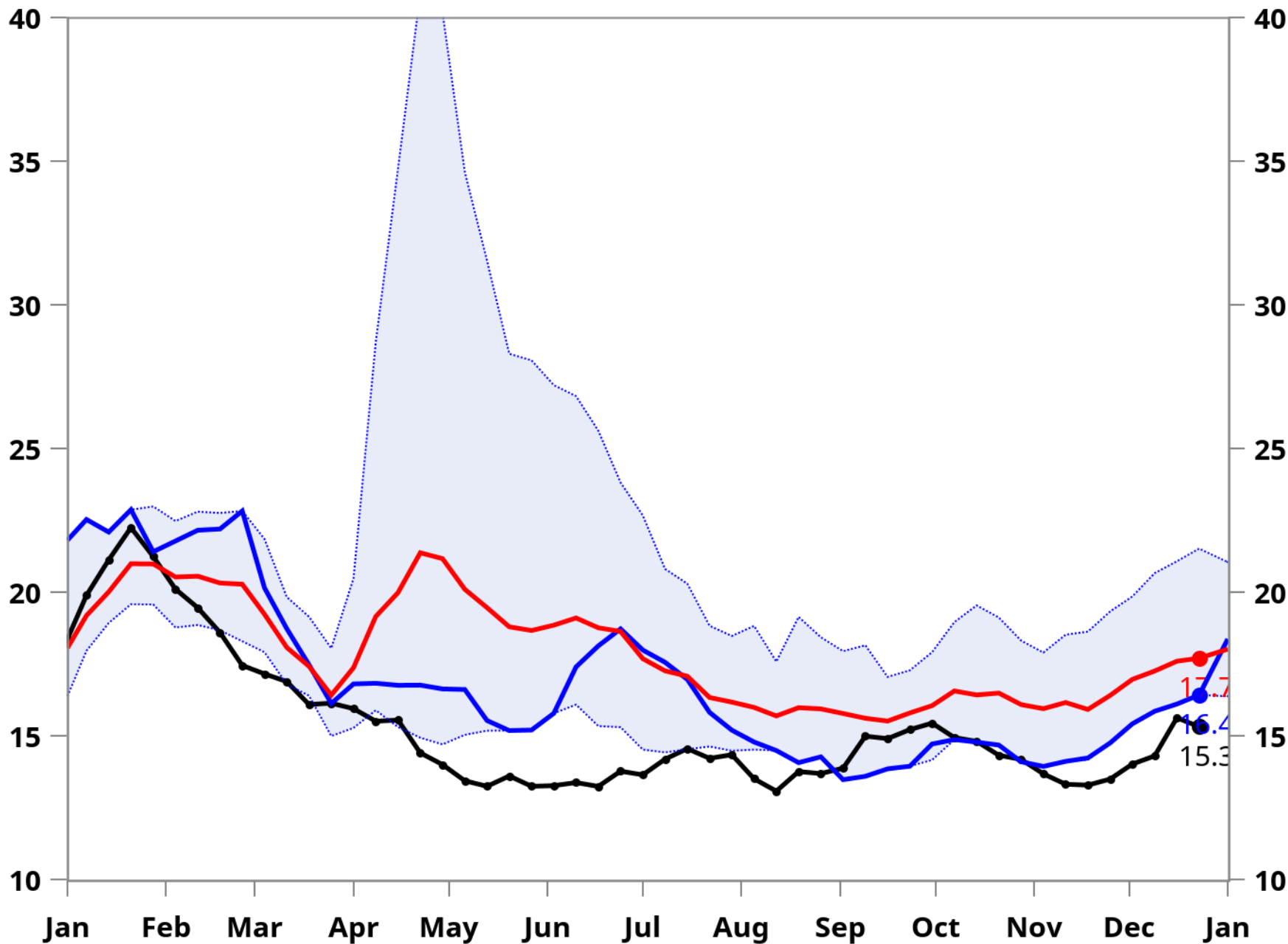
Week Ending: December 23, 2022

15.3 Days

Week Change: -0.31

Last Year: 16.4

Five Year Average: 17.7



Distillates 2022 Year to Date Data

	Distillates Stocks	Distillates Production	Distillates Demand	Days Forward Supply	PADD 3 Distillates Stocks	PADD 3 Distillates Production	PADD 3 Distillates Demand	PADD 3 Days Forward Supply
07JAN	129.4	4.8	.	.	39.3	2.9	.	.
14JAN	128.0	4.7	5.2	24.4	39.3	2.8	2.7	14.3
21JAN	125.2	4.8	5.4	23.3	40.5	2.8	2.6	15.7
28JAN	122.7	4.6	5.2	23.6	38.6	2.5	2.8	13.8
04FEB	121.8	4.7	5.3	23.1	39.9	2.7	2.5	15.9
11FEB	120.3	4.5	5.1	23.5	37.6	2.5	2.8	13.6
18FEB	119.7	4.7	5.2	23.0	36.9	2.6	2.7	13.8
25FEB	119.1	4.7	5.2	22.9	38.0	2.6	2.5	15.4
04MAR	113.9	4.6	5.7	20.1	36.3	2.6	2.8	12.8
11MAR	114.2	4.9	5.1	22.3	37.0	2.8	2.7	13.5
18MAR	112.1	5.0	5.4	20.6	38.3	2.9	2.7	14.0
25MAR	113.5	5.1	5.1	22.5	39.4	2.9	2.8	14.2
01APR	114.3	5.0	5.0	22.8	40.3	3.0	2.9	14.0
08APR	111.4	4.7	5.2	21.3	39.1	2.8	3.0	13.1
15APR	108.7	4.8	5.3	20.5	39.5	2.8	2.7	14.4
22APR	107.3	4.8	5.1	21.0	37.7	2.9	3.1	12.1
29APR	104.9	4.7	5.1	20.4	39.2	2.8	2.6	15.1
06MAY	104.0	4.9	5.1	20.3	40.0	2.9	2.8	14.4
13MAY	105.3	4.9	4.8	21.9	41.1	2.8	2.7	15.3

Distillates 2022 Year to Date Data

	Distillates Stocks	Distillates Production	Distillates Demand	Days Forward Supply	PADD 3 Distillates Stocks	PADD 3 Distillates Production	PADD 3 Distillates Demand	PADD 3 Days Forward Supply
20MAY	106.9	5.1	5.0	21.4	44.3	3.0	2.6	17.2
27MAY	106.4	5.0	5.3	20.0	44.9	2.9	2.8	15.9
03JUN	109.0	5.0	4.9	22.5	41.9	2.9	3.3	12.6
10JUN	112.4	5.1	4.7	23.7	40.5	3.0	3.2	12.6
17JUN	109.8	5.1	5.5	19.9	39.8	2.9	3.0	13.4
24JUN	112.4	5.1	4.9	23.1	40.5	3.0	2.9	13.9
01JUL	111.1	5.4	5.7	19.6	42.6	3.1	2.9	14.8
08JUL	113.8	5.1	4.9	23.3	42.1	3.1	3.2	13.3
15JUL	112.5	5.0	5.3	21.1	41.3	3.0	3.2	13.1
22JUL	111.7	5.0	5.2	21.3	41.5	3.0	3.0	14.0
29JUL	109.3	4.9	5.5	19.8	40.2	3.0	3.2	12.6
05AUG	111.5	5.1	5.0	22.2	42.4	3.0	2.7	15.6
12AUG	112.3	5.2	5.2	21.5	43.7	3.0	2.8	15.4
19AUG	111.6	5.2	5.5	20.4	42.2	3.0	3.2	13.1
26AUG	111.7	4.9	5.1	21.9	41.7	2.9	3.0	14.0
02SEP	111.8	5.0	5.2	21.5	40.3	3.0	3.2	12.5
09SEP	116.0	5.0	4.5	25.5	44.2	3.0	2.4	18.5
16SEP	117.3	5.2	5.2	22.7	45.4	3.2	3.0	15.2
23SEP	114.4	5.0	5.5	20.9	44.6	3.0	3.1	14.5

Distillates 2022 Year to Date Data

	Distillates Stocks	Distillates Production	Distillates Demand	Days Forward Supply	PADD 3 Distillates Stocks	PADD 3 Distillates Production	PADD 3 Distillates Demand	PADD 3 Days Forward Supply
30SEP	110.9	5.2	5.8	19.3	43.3	3.1	3.3	13.1
07OCT	106.1	4.9	5.6	18.8	40.8	2.9	3.2	12.7
14OCT	106.2	5.0	5.1	20.8	41.2	3.0	2.9	14.3
21OCT	106.4	5.0	5.1	20.9	42.8	2.8	2.6	16.7
28OCT	106.8	5.1	5.2	20.6	42.1	2.9	3.0	13.9
04NOV	106.3	5.2	5.6	19.0	41.4	3.0	3.1	13.5
11NOV	107.4	5.1	5.0	21.3	42.0	2.9	2.8	14.8
18NOV	109.1	5.1	5.0	21.9	42.2	3.0	2.9	14.4
25NOV	112.6	5.3	5.0	22.7	43.6	3.1	2.9	14.8
02DEC	118.8	5.3	4.8	24.6	44.8	3.1	3.0	15.1
09DEC	120.2	5.2	5.3	22.9	44.8	3.0	3.0	14.8
16DEC	119.9	5.1	5.3	22.5	43.4	2.9	3.1	13.9
23DEC	120.2	5.1	5.2	23.1	42.8	2.9	3.0	14.4

Total Distillates Stocks

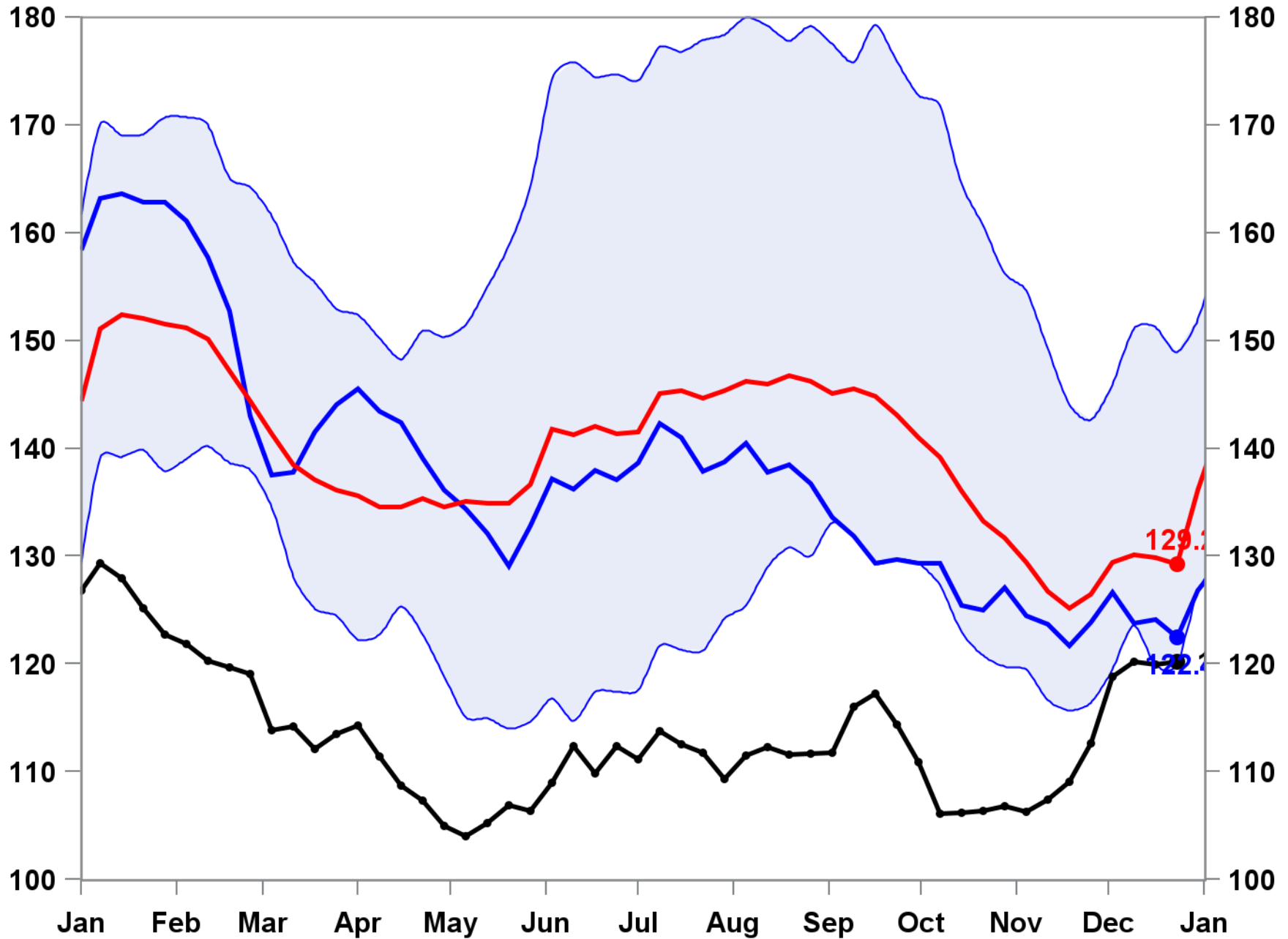
Week Ending: December 23, 2022

120.2 MMBBL

Week Change: 0.3 MMBBL

Last Year: 122.4

Five Year Average: 129.2



Total Distillates Production (4-Week Moving Average Smoothing)

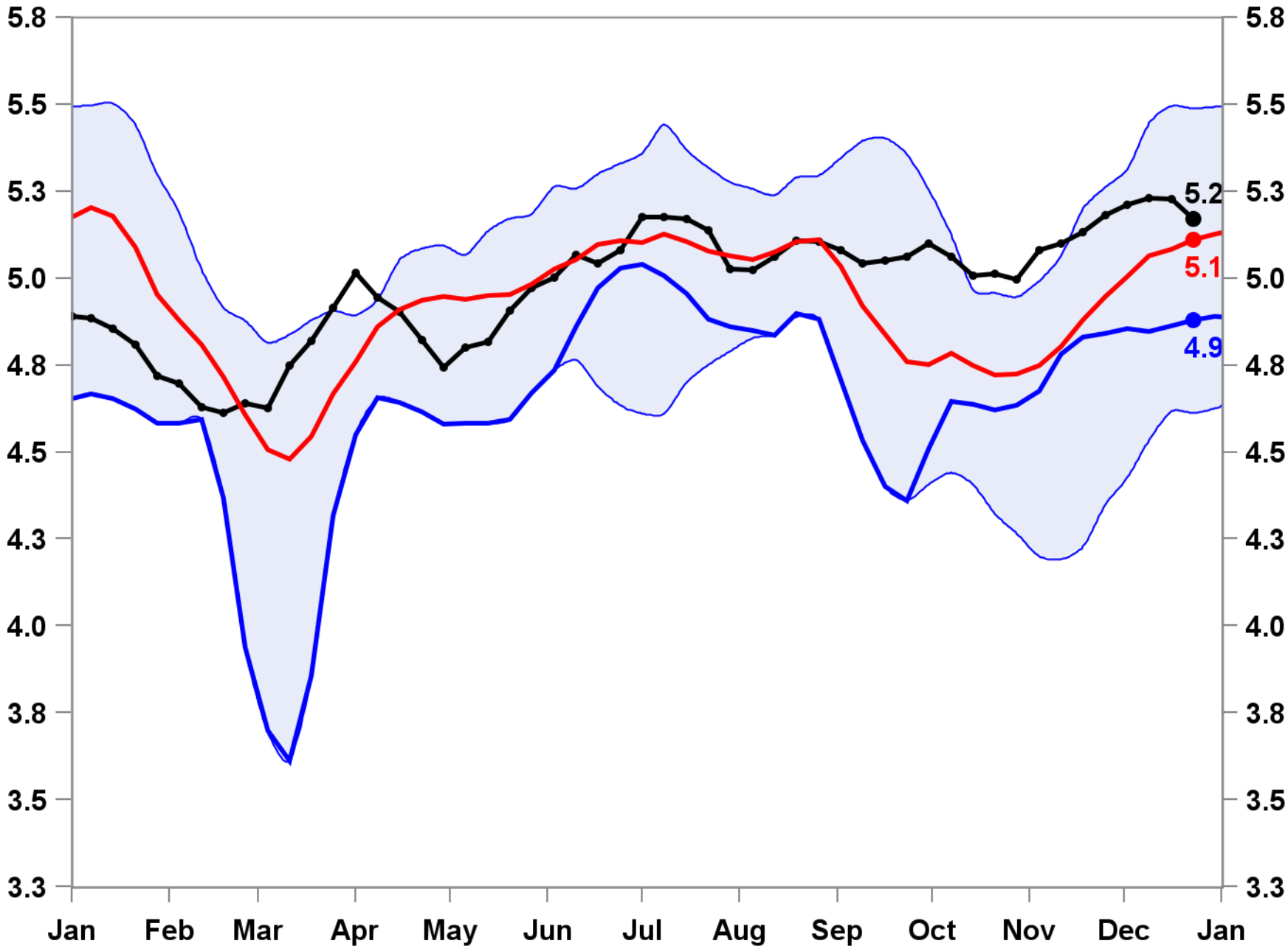
Week Ending: December 23, 2022

5.2 MMBBL/day

Week Change: -0.1 MMBBL

Last Year: 4.9

Five Year Average: 5.1



Distillates Demand (Smoothed with 4-Week Moving Average)

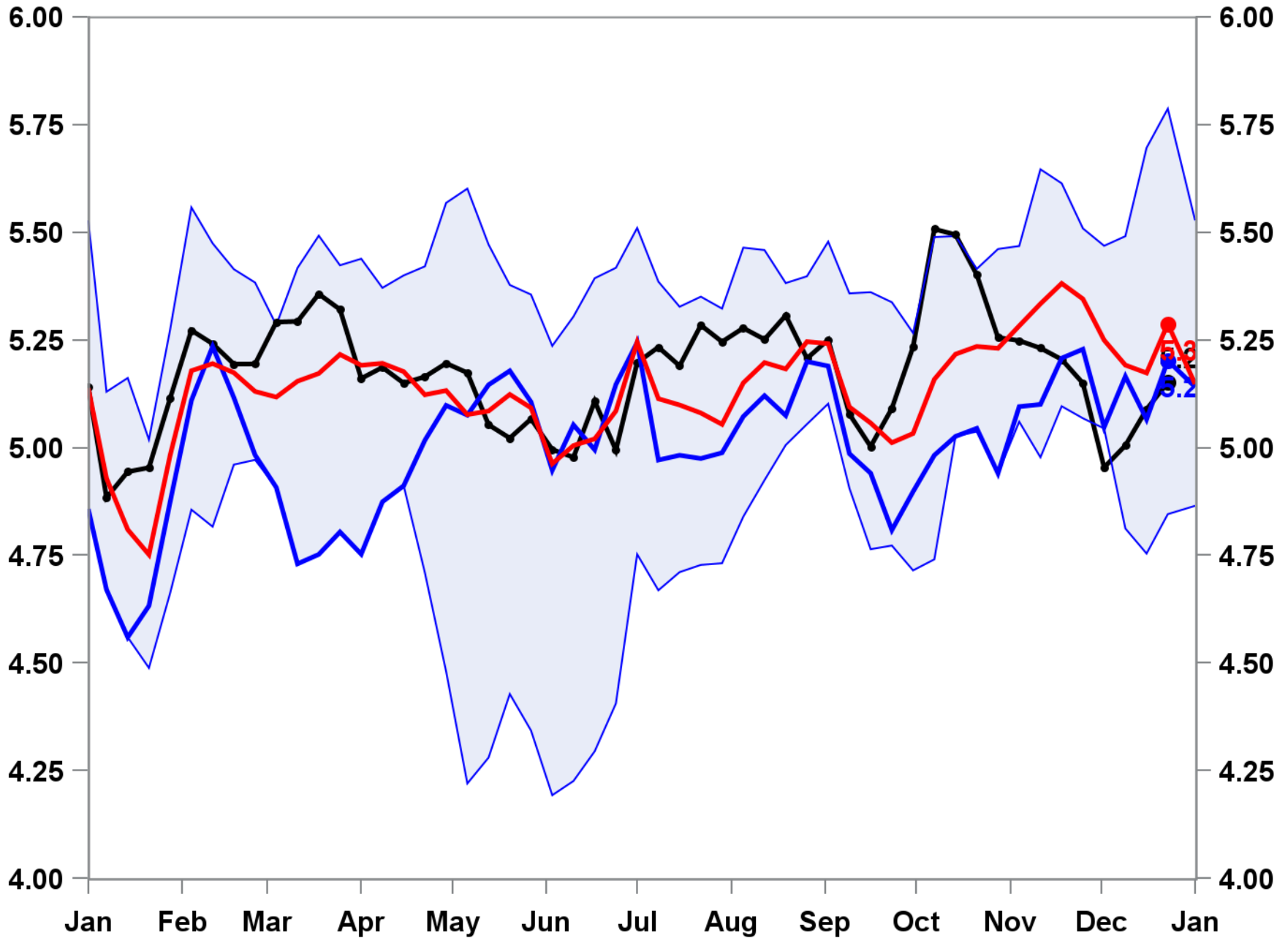
Week Ending: December 23, 2022

5.2 MMBBL/day

Week Change: 0.06 MMBBL

Last Year: 5.2

Five Year Average: 5.3



Distillates Days Forward Supply (Smoothed with 4-Week Moving Average)

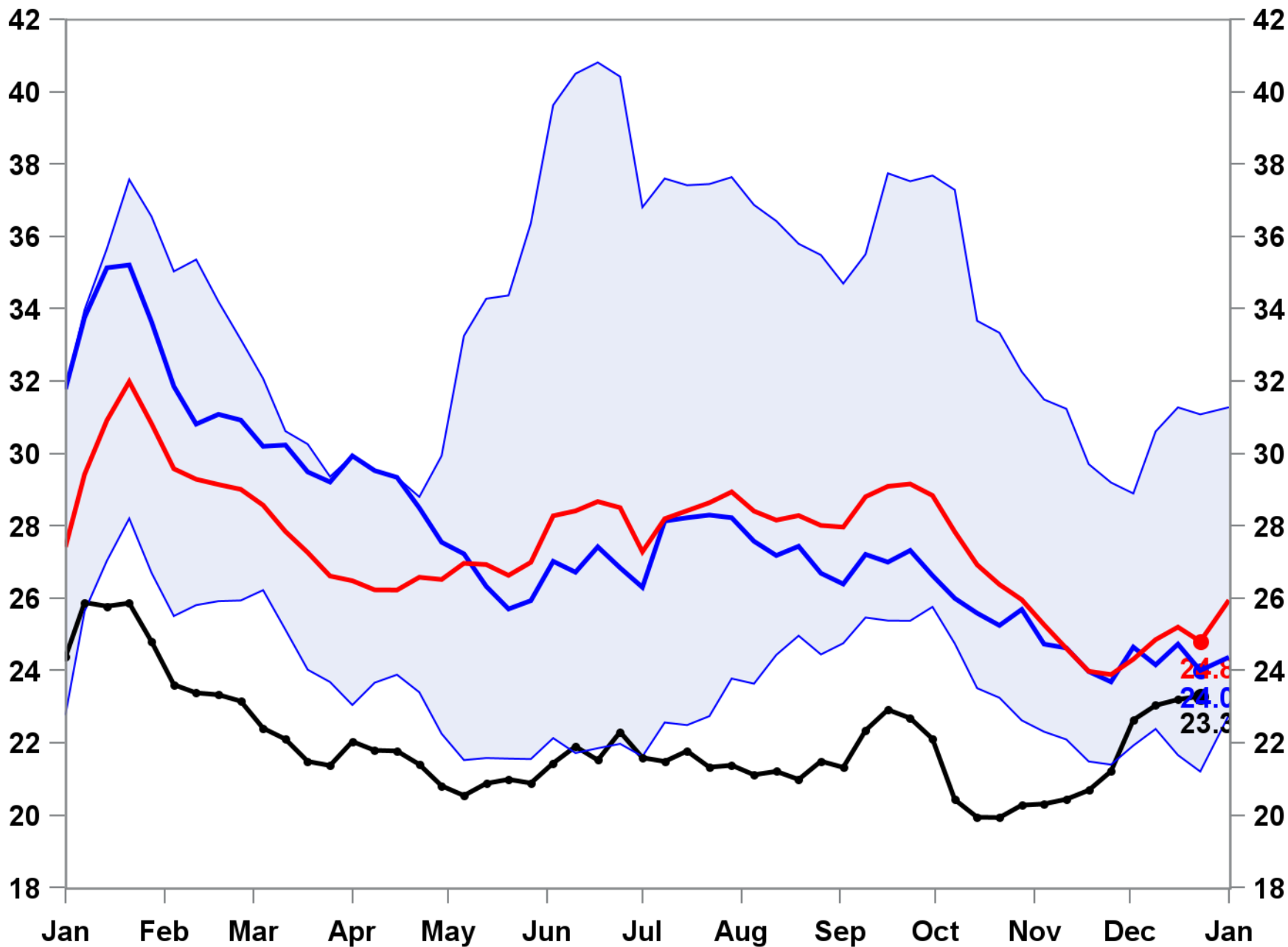
Week Ending: December 23, 2022

23.3 Days

Week Change: 0.09

Last Year: 24.0

Five Year Average: 24.8



Total Distillates Exports (Smoothed with 4-Week Moving Average)

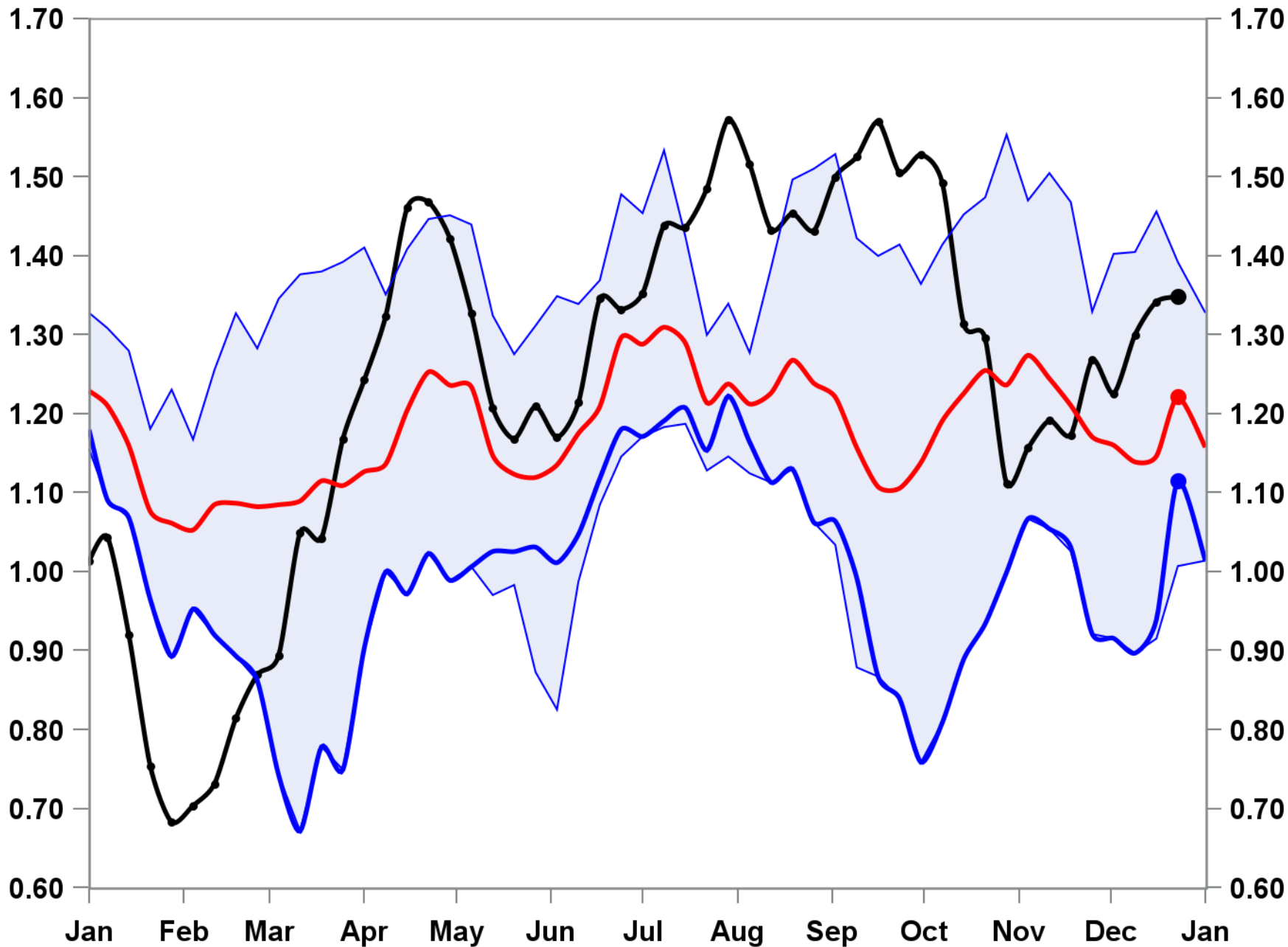
Week Ending: December 23, 2022

1.3 MMBBL

Week Change: 0.01 MMBBL

Last Year: 1.1

Five Year Average: 1.2



PADD 3 Distillates Stocks

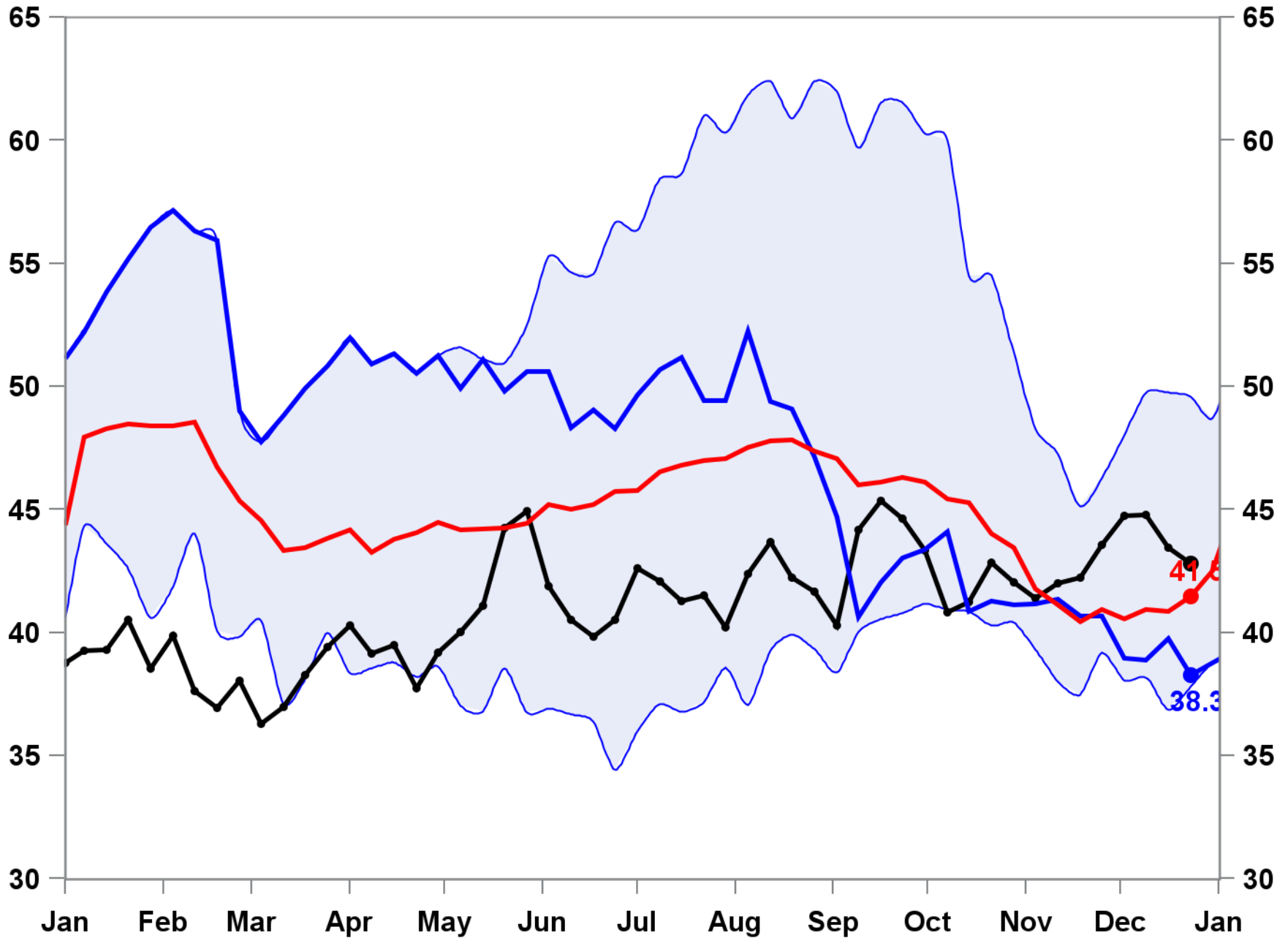
Week Ending: December 23, 2022

42.8 MMBBL

Week Change: -0.6 MMBBL

Last Year: 38.3

Five Year Average: 41.5



PADD 3 Distillates Production (4-Week Moving Average Smoothing)

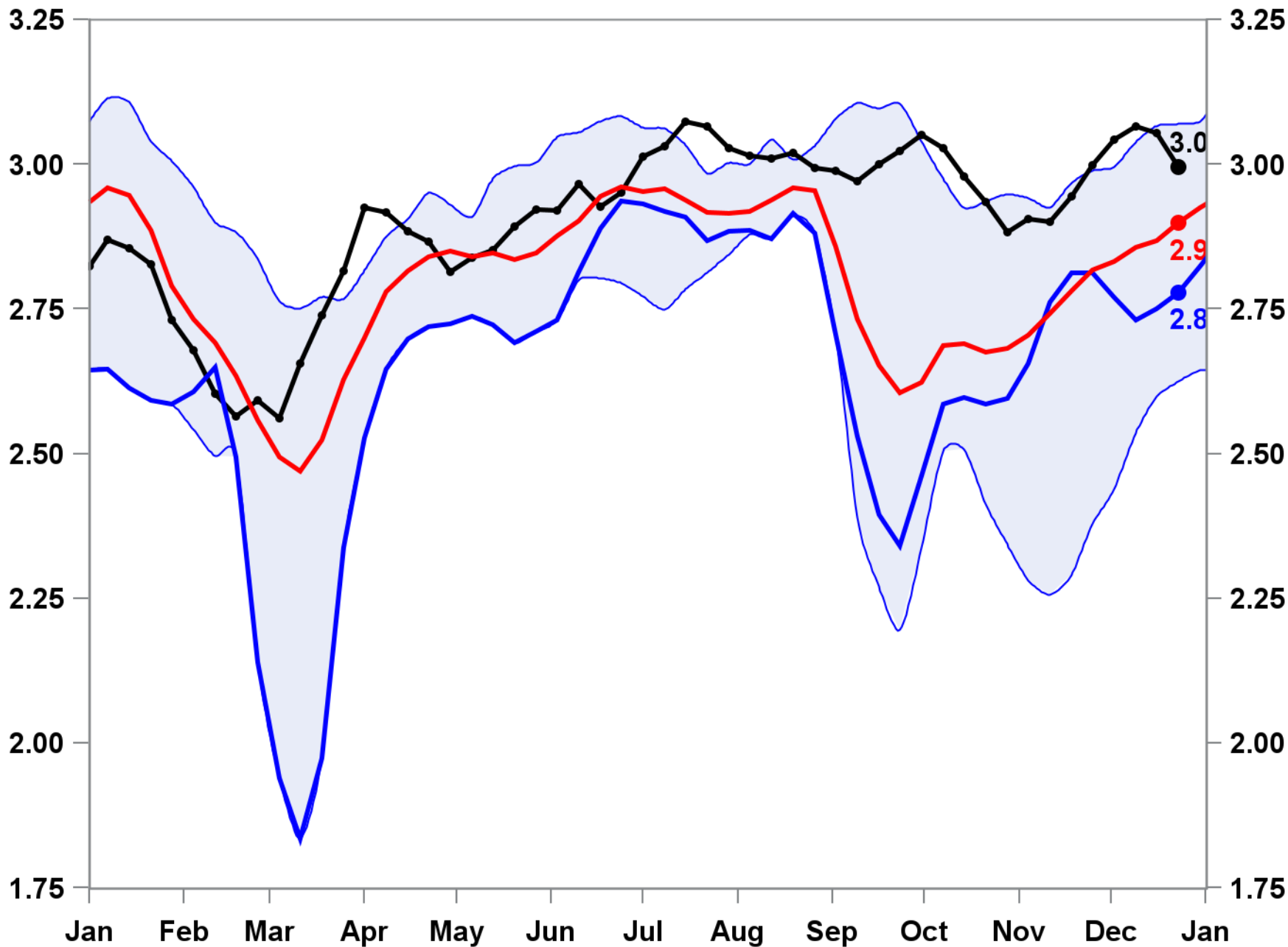
Week Ending: December 23, 2022

3.0 MMBBL/day

Week Change: -0.1 MMBBL

Last Year: 2.8

Five Year Average: 2.9



PADD 3 Distillates Demand (Smoothed with 4-Week Moving Average)

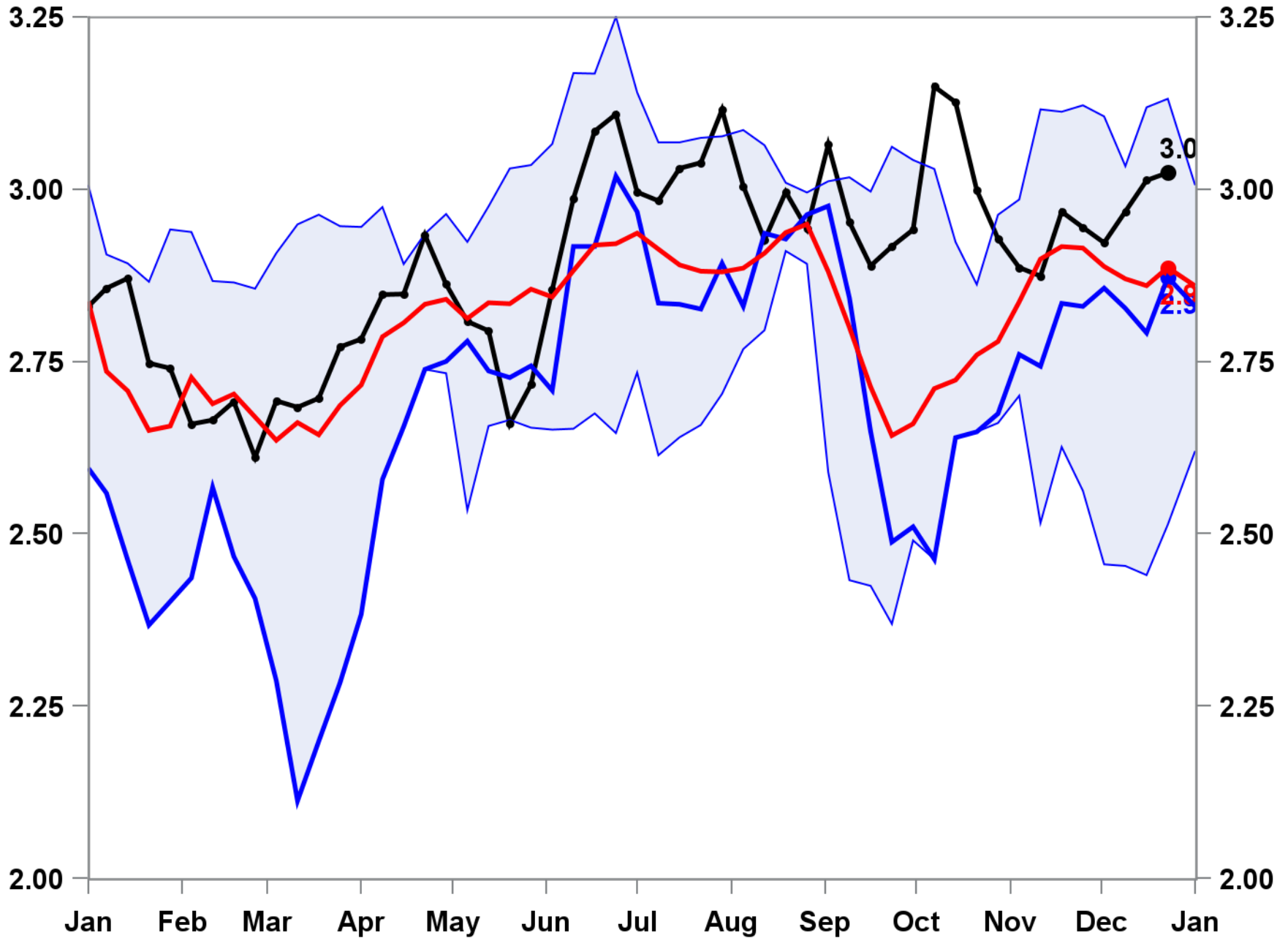
Week Ending: December 23, 2022

3.0 MMBBL/day

Week Change: 0.01 MMBBL

Last Year: 2.9

Five Year Average: 2.9



PADD 3 Distillates Days Forward Supply (Smoothed with 4-Week Moving Average)

Week Ending: December 23, 2022

14.5 Days

Week Change: -0.12

Last Year: 13.6

Five Year Average: 14.4

