



U.S. Energy Information
Administration



Weekly Petroleum Status Report

Tables, Charts, and Comments

Latest Data Update October 21, 2022

Provided by Fundamental Analytics

EIA Weekly Petroleum Status Report October 21, 2022 Update

EIA Weekly Petroleum Summary	1
Table: Stocks Summary	2
Table: Stocks by PADD	2
Table: Stocks by PADD cont.	2
Table: Crude Runs	3
Table: Refinery Runs	3
.	3
Crude Oil Stocks	4
With 5 Year Range	4
Total Crude Stocks with NYMEX WTI Prices	5
Time Series Plots	5
Total Crude Stocks Delta to Previous Year with Crude Prices	6
Time Series Plots	6
Cushing Crude Oil Stocks	7
With 5 Year Range	7
PADD 2 Crude Oil Stocks	8
With 5 Year Range	8
PADD 3 Oil Stocks	9
With 5 Year Range	9
Total Crude Oil Production	10
Time Series Plot	10
Crude Oil Days Forward Supply	11
With 5 Year Range	11
Total Petroleum Stocks	12
With 5 Year Range	12
Total Crude Imports	13
With Five Year Range	13
Refinery Utilization	14
With Five Year Range	14

Crude Runs	15
With 5 Year Range	15
Total Crude Oil Exports with Quarterly Averages	16
	16
Gasoline 2022 Year to Date Table	17
	17
Total Gasoline Stocks	20
With Five Year Range	20
Total Gasoline Production	21
With Five Year Range	21
Gasoline Imports	22
With 5-Year Range	22
Total Gasoline Demand	23
With Five Year Range	23
Total Gasoline Days Forward Supply	24
With Five Year Range	24
PADD 1 Gasoline Stocks	25
With Five Year Range	25
PADD 1 Gasoline Production	26
With Five Year Range	26
PADD 1 Gasoline Demand	27
With Five Year Range	27
PADD 1 Gasoline Days Forward Supply	28
	28
Distillates 2022 Year to Date Table	29
	29
Total Distillates Stocks	32
With Five Year Range	32
Total Distillates Production	33
With Five Year Range	33
Total Distillates Demand	34
With Five Year Range	34
Total Distillates Days Forward Supply	35
With Five Year Range	35
Total Distillates Exports	36
With 5 Year Range	36

PADD 3 Distillates Stocks	37
With Five Year Range	37
PADD 3 Distillates Production	38
With Five Year Range	38
PADD 3 Distillates Demand	39
With Five Year Range	39
PADD 3 Distillates Days Forward Supply	40
With Five Year Range	40

EIA Petroleum Stocks

(Million Barrels)	Current Week	Change	Week Ago	Year Ago	Difference
Crude Oil	841.7	-0.8	842.5	1,045.0	-203.3
Commercial	439.9	2.6	437.4	430.8	9.1
SPR	401.7	-3.4	405.1	614.2	-212.5
Total Motor Gasoline	207.9	-1.5	209.4	215.7	-7.9
Conventional	14.4	-2.2	16.6	16.7	-2.2
Blending Components	193.5	0.7	192.8	199.1	-5.6
Fuel Ethanol	22.3	0.4	21.8	19.9	2.4
Kerosene-Type Jet Fuel	36.1	-0.2	36.2	41.4	-5.3
Distillate Fuel Oil	106.4	0.2	106.2	125.0	-18.6
15 ppm sulfur and under	95.4	0.5	94.9	113.2	-17.8
>15 ppm to 500 ppm sulfur	2.6	-0.0	2.6	3.4	-0.8
>500 ppm sulfur	8.4	-0.3	8.7	8.3	0.1
Residual Fuel Oil	30.0	1.0	29.1	29.7	0.3
Propane/Propylene	86.8	0.9	86.0	75.7	11.2
Other Oils	295.4	-5.0	300.5	295.1	0.4
Unfinished Oils	83.5	-0.4	83.9	91.3	-7.8

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	439.9	2.6	437.4	430.8	9.1	448.6	-8.7
Gasoline	207.9	-1.5	209.4	215.7	-7.9	220.2	-12.3
Distillates	106.4	0.2	106.2	125.0	-18.6	131.2	-24.9
Crude Runs (/day)	15.4	-0.1	15.6	15.0	0.4	15.4	0.1
Refinery Utilization (%)	88.9	-0.6	89.5	85.1	3.8	85.0	3.9

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	7.9	-0.7	11.6	8.2	51.1	-3.1	58.6	54.1	24.0	-1.6	44.3	38.5
PADD 2	110.3	0.8	131.1	105.5	45.6	0.1	46.9	45.4	24.6	-0.8	28.4	30.0
PADD 3	249.5	1.8	233.8	247.4	78.7	0.7	79.7	79.9	42.8	1.6	43.5	41.3
PADD 4	23.4	-0.2	22.2	23.2	6.4	0.6	7.2	7.7	3.2	-0.0	3.4	3.4
PADD 5	48.8	0.9	49.9	46.6	26.2	0.3	27.9	28.7	11.7	1.1	11.6	11.8
Total	439.9	2.6	448.6	430.8	207.9	-1.5	220.2	215.7	106.4	0.2	131.2	125.0

	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	5.5	0.9	7.2	6.4	8.8	-0.1	10.2	10.6
PADD 2	5.5	0.4	6.3	6.8	1.0	0.1	1.1	1.0	6.7	0.1	7.0	7.3
PADD 3	11.8	0.1	8.0	11.6	18.7	0.0	16.9	17.3	11.2	-0.2	13.5	12.6
PADD 4	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.7	0.0	0.7	0.9

	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 5	11.5	-0.7	10.0	10.5	4.6	-0.0	4.8	4.9	8.6	0.1	9.1	10.0
Total	48.5	0.2	37.8	45.9	30.0	1.0	30.2	29.7	36.1	-0.2	40.5	41.4

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	797	859	62	625	172	777	20
PADD 2	3,733	3,603	-130	3,737	-4	3,520	213
PADD 3	8,286	8,243	-43	7,966	320	8,289	-3
PADD 4	601	619	18	517	84	572	29
PADD 5	2,019	1,998	-21	2,203	-184	2,215	-196
Total	15,436	15,322	-114	15,048	388	15,373	63

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	839	940	101	627	212	789	50
PADD 2	3,739	3,620	-119	3,730	9	3,510	229
PADD 3	8,629	8,549	-80	8,211	418	8,501	128
PADD 4	602	619	17	520	82	573	29
PADD 5	2,156	2,122	-34	2,346	-190	2,384	-228
Total	15,965	15,850	-115	15,433	532	15,757	208

Total Crude Stocks

Week Ending: October 21, 2022

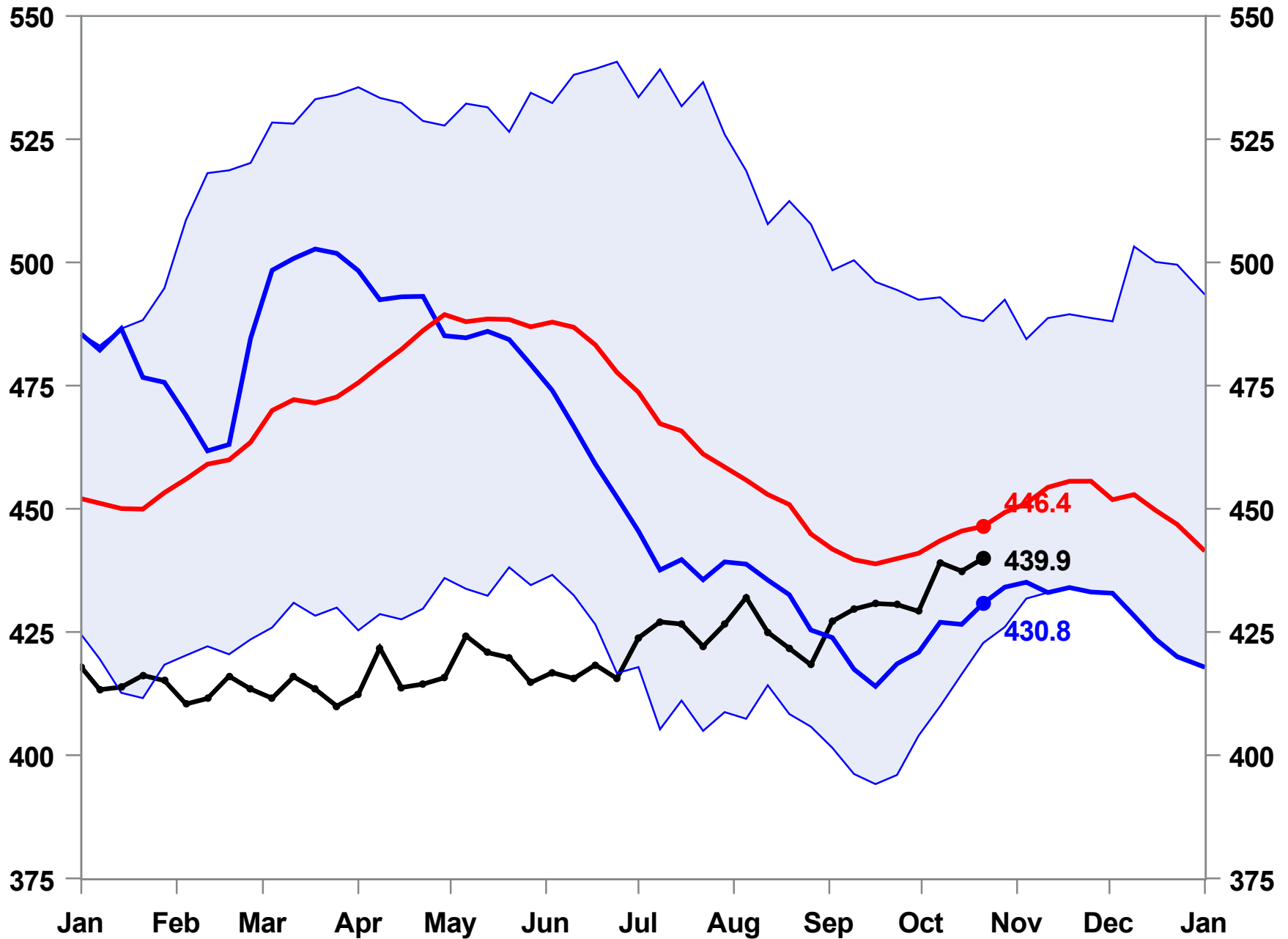
439.9 MMBBL

Week Change: 2.6 MMBBL

Last Year: 430.8

Five Year Average: 446.4

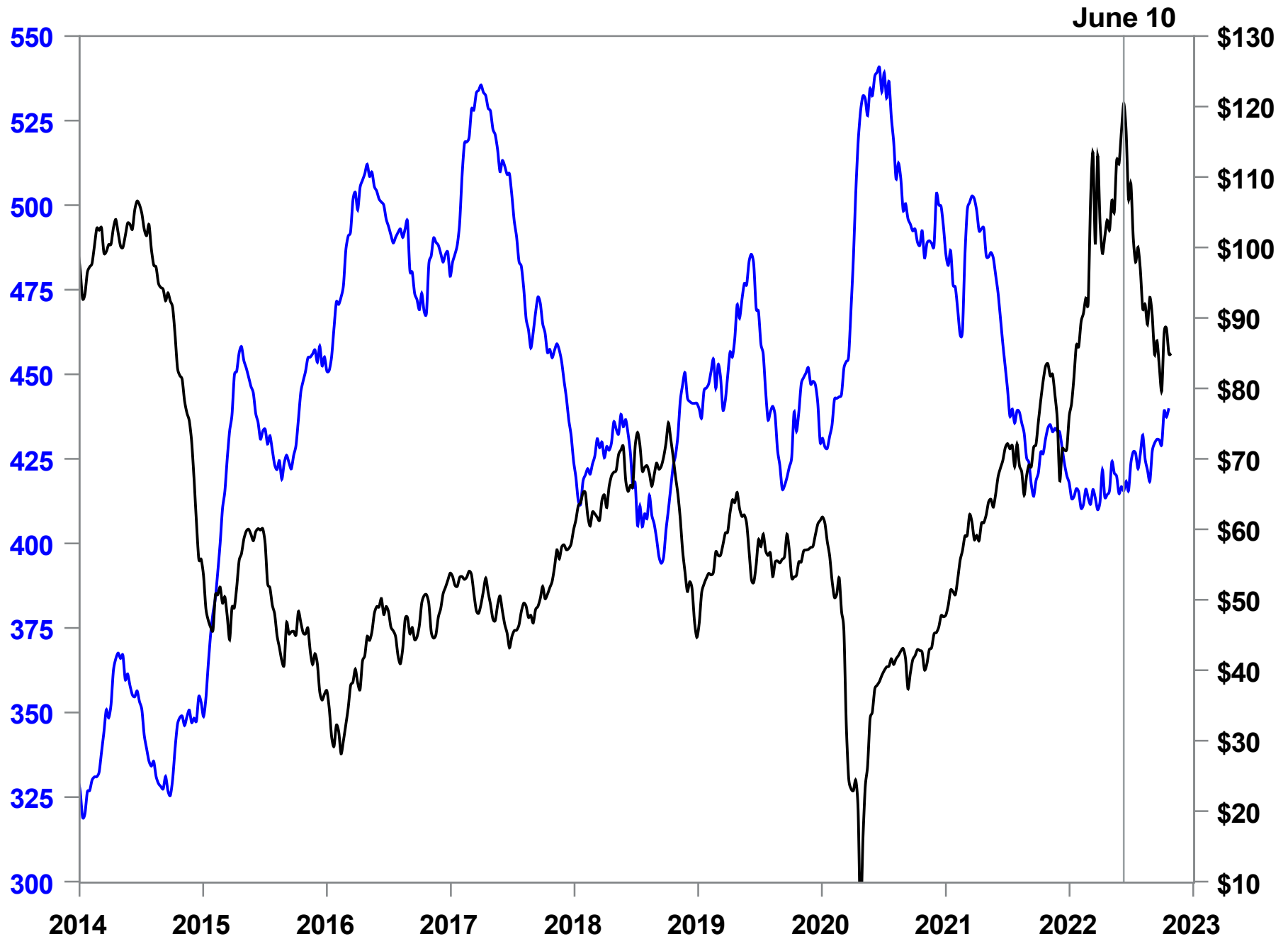
Delta to Last Year: 9.1



Total Crude Stocks and WTI Crude Prices

Crude Stocks

WTI Crude



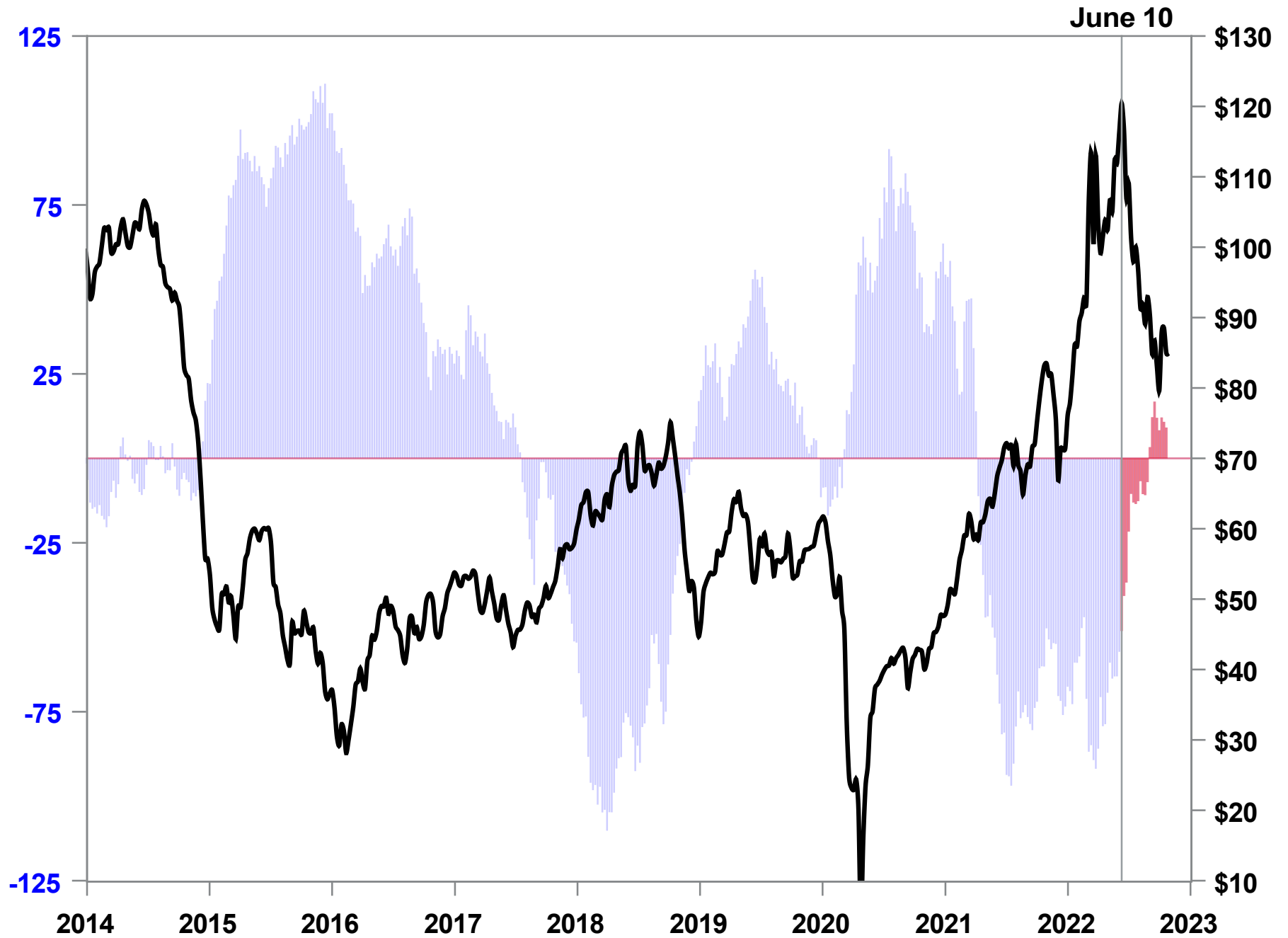
Source: EIA Fundamental Analytics

www.fundamentalanalytics.com

Total Crude Stocks Annual Delta and WTI Crude Prices

Crude Stocks Delta

WTI Crude



Cushing Crude Stocks

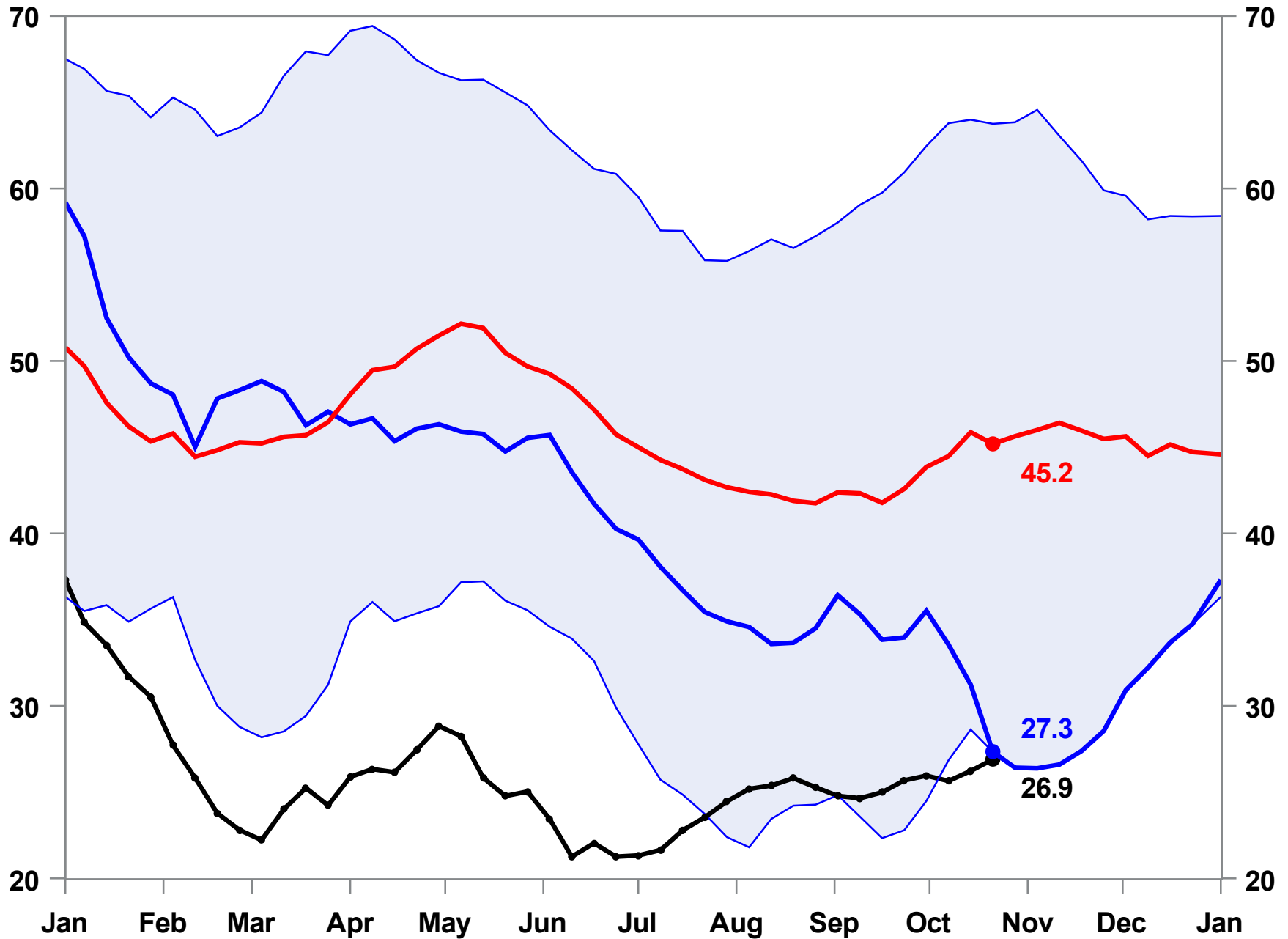
Week Ending: October 21, 2022

26.9 MMBBL

Week Change: 0.7 MMBBL

Last Year: 27.3

Five Year Average: 45.2



PADD 2 Crude Stocks

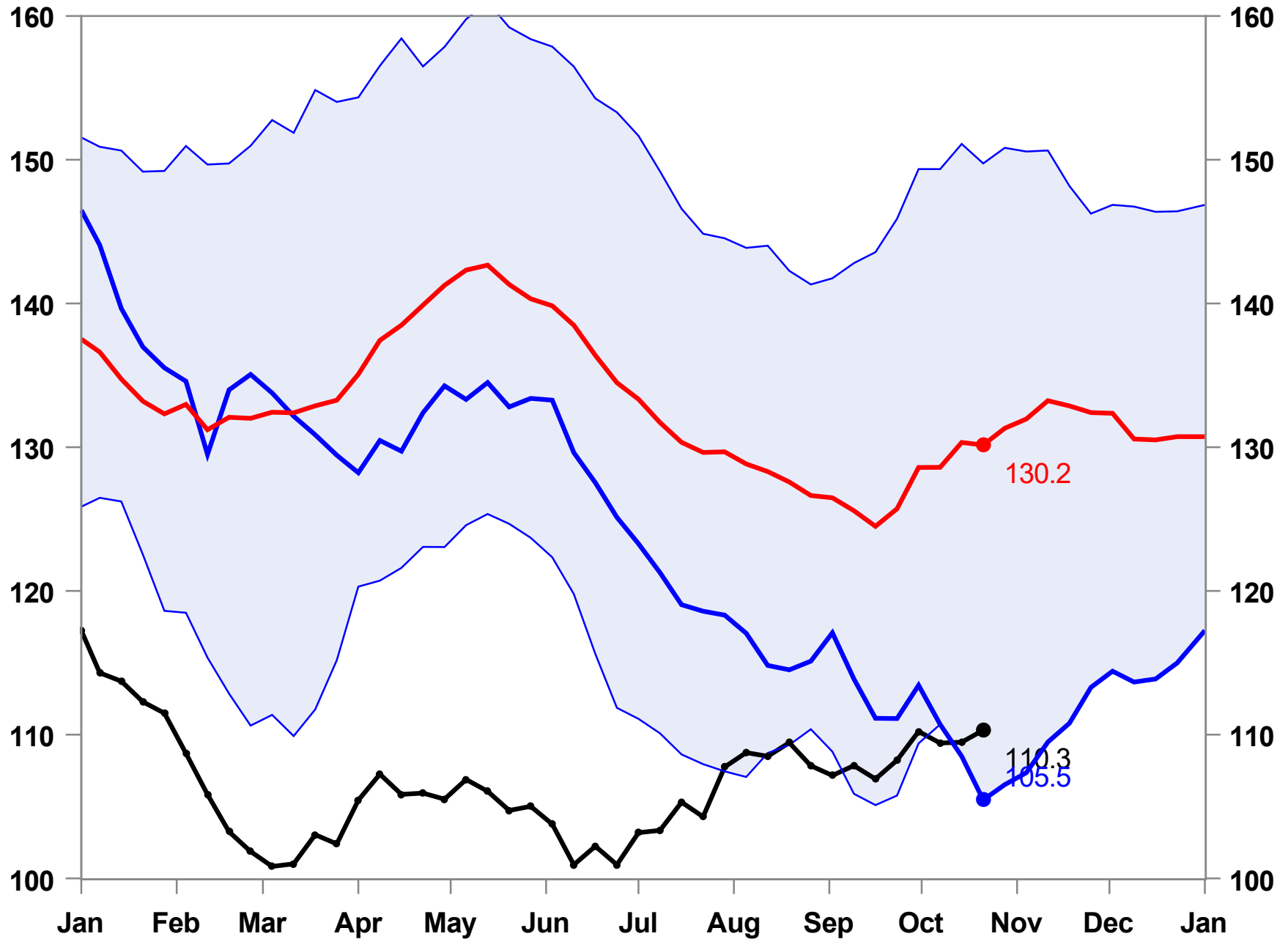
Week Ending: October 21, 2022

110.3 MMBBL

Week Change: 0.8 MMBBL

Last Year: 105.5

Five Year Average: 130.2



PADD 3 Crude Stocks

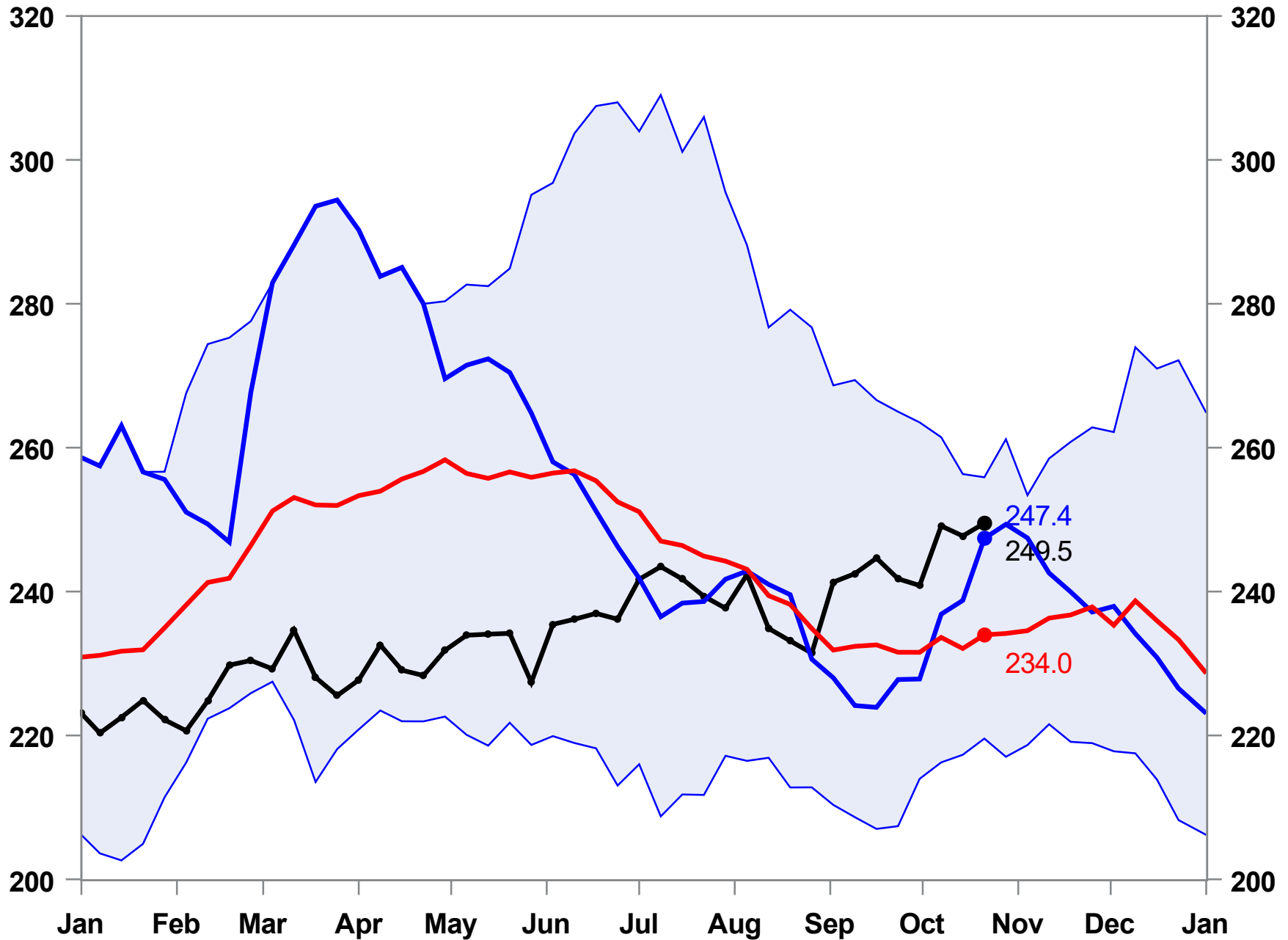
Week Ending: October 21, 2022

249.5 MMBBL

Week Change: 1.8 MMBBL

Last Year: 247.4

Five Year Average: 234.0

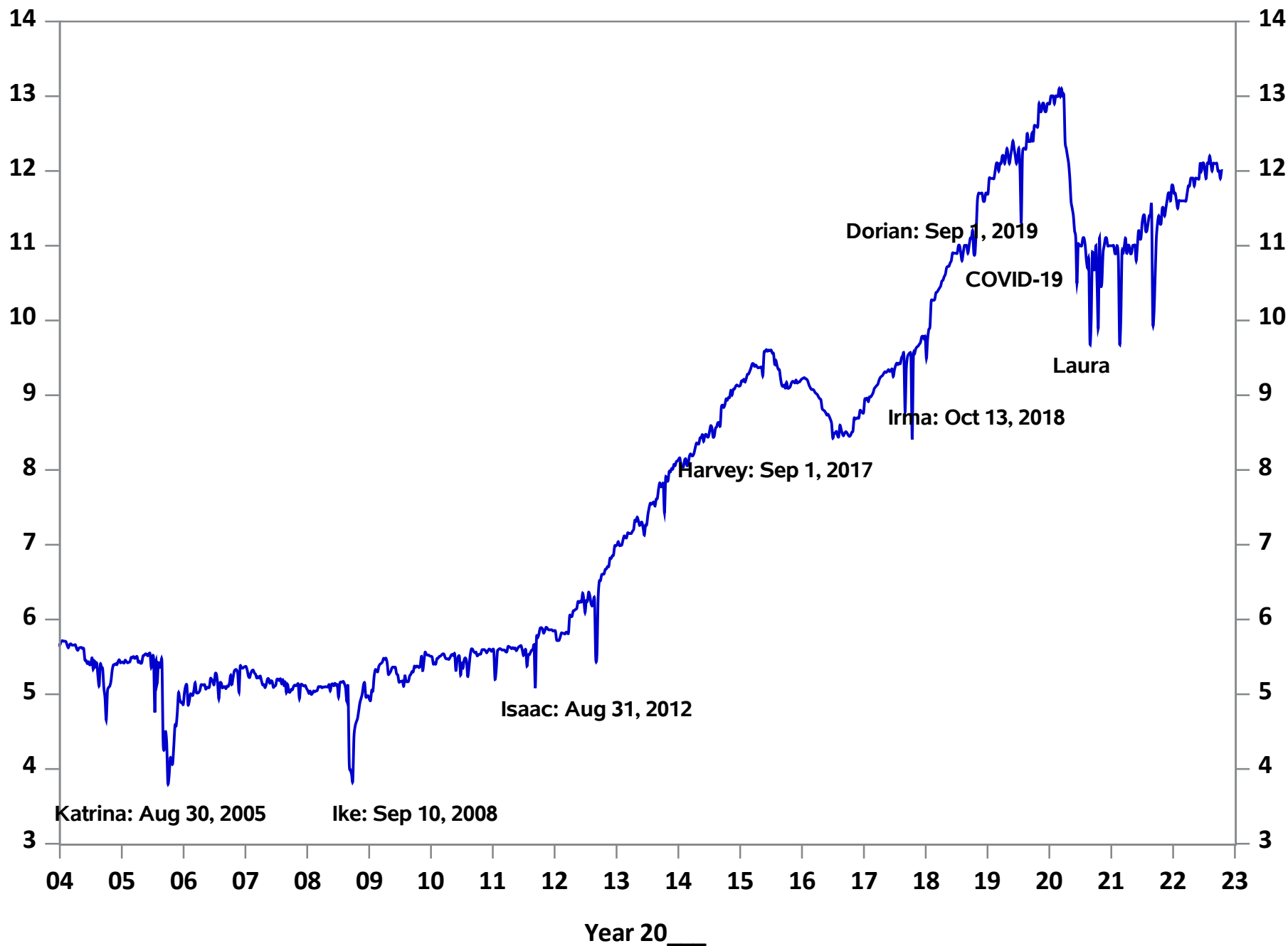


Total Crude Oil Production

Week Ending: October 21, 2022

12.0 MMBBL

Week Change: 0.0 MMBBL



Total Crude Days Forward Supply

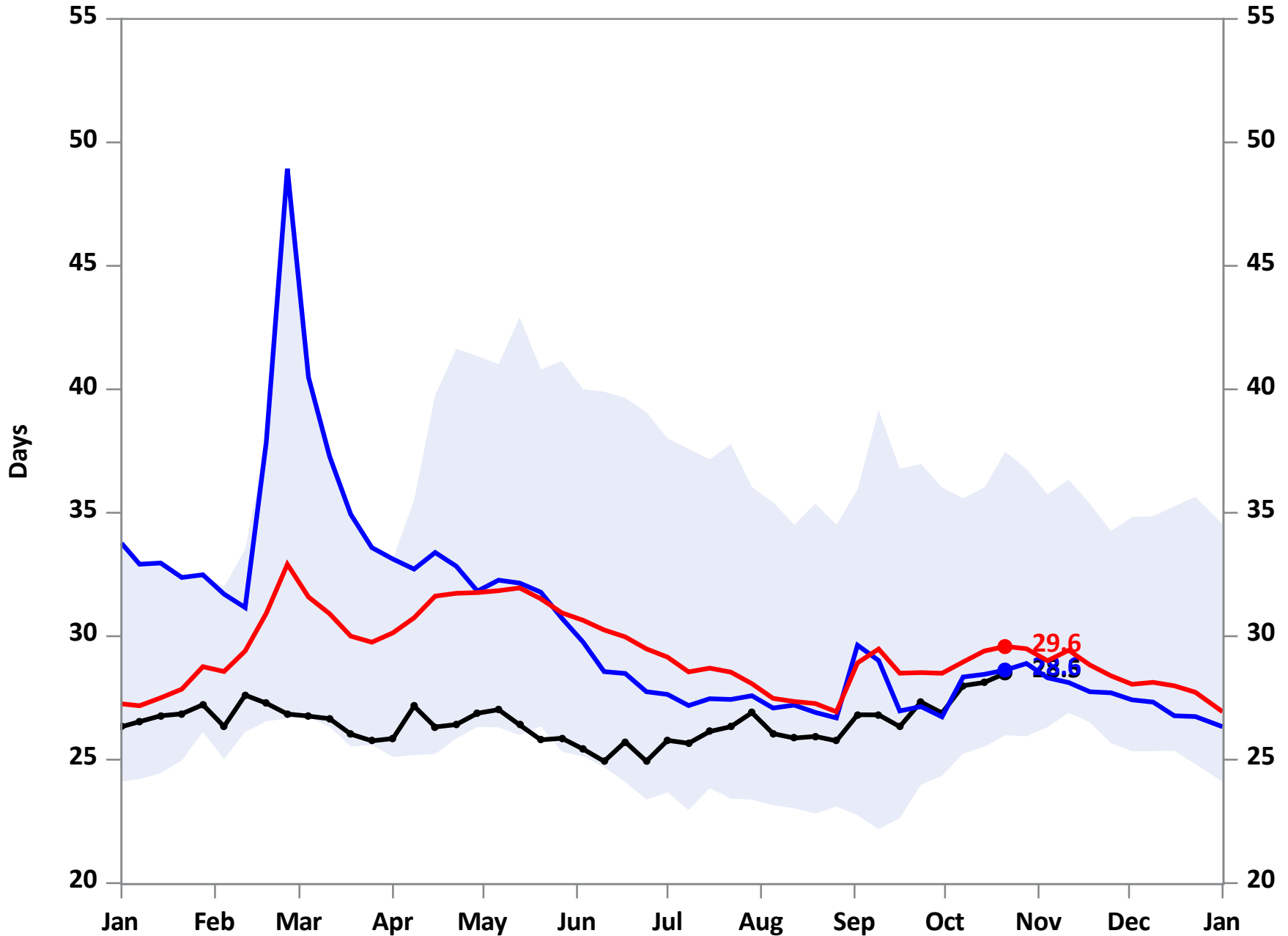
Week Ending: October 21, 2022

28.5 Days

Week Change: 0.4

Last Year: 28.6

Five Year Average: 29.6



Total Petroleum Stocks

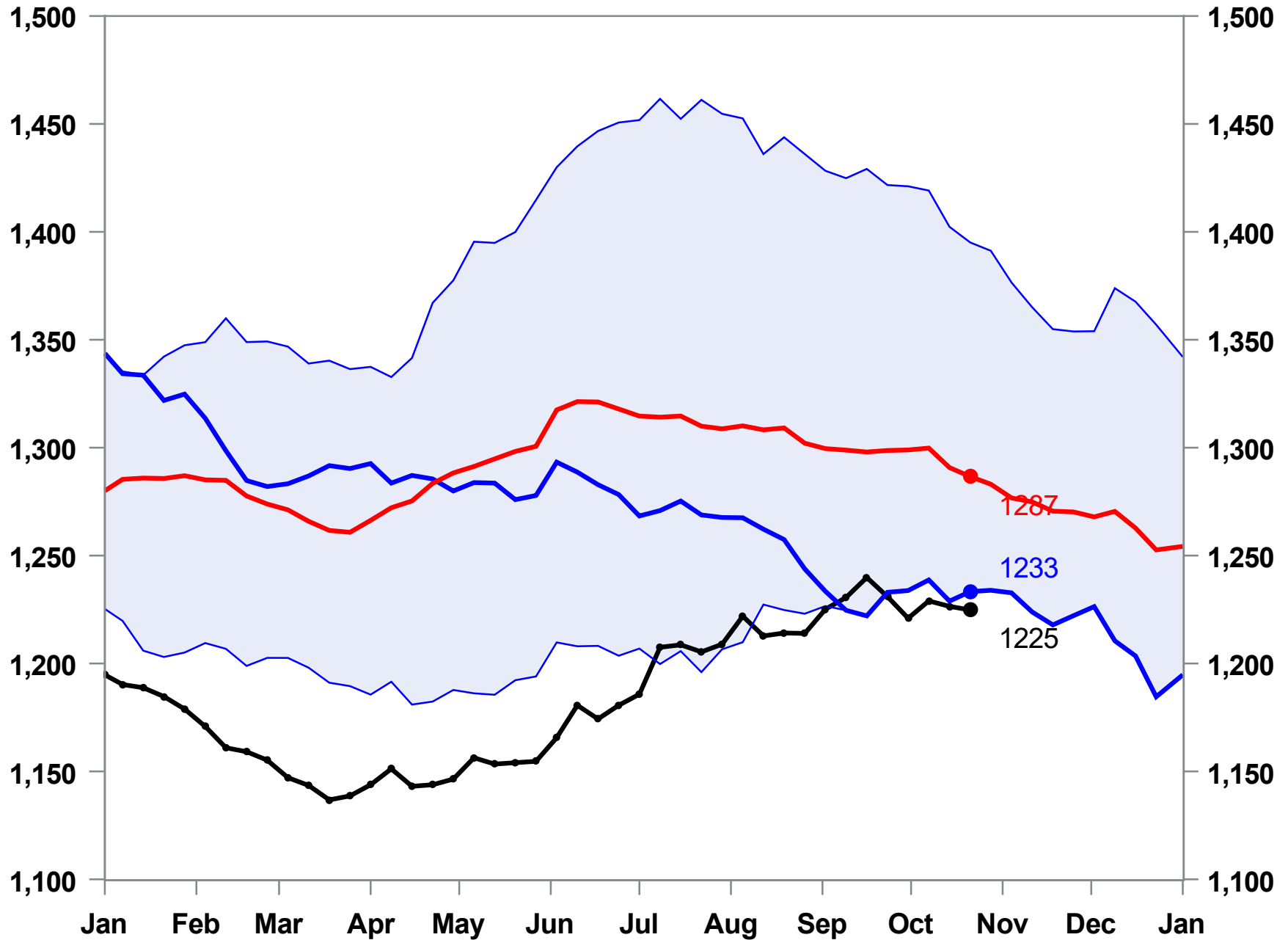
Week Ending: October 21, 2022

1,225 MMBBL

Week Change: -1.7 MMBBL

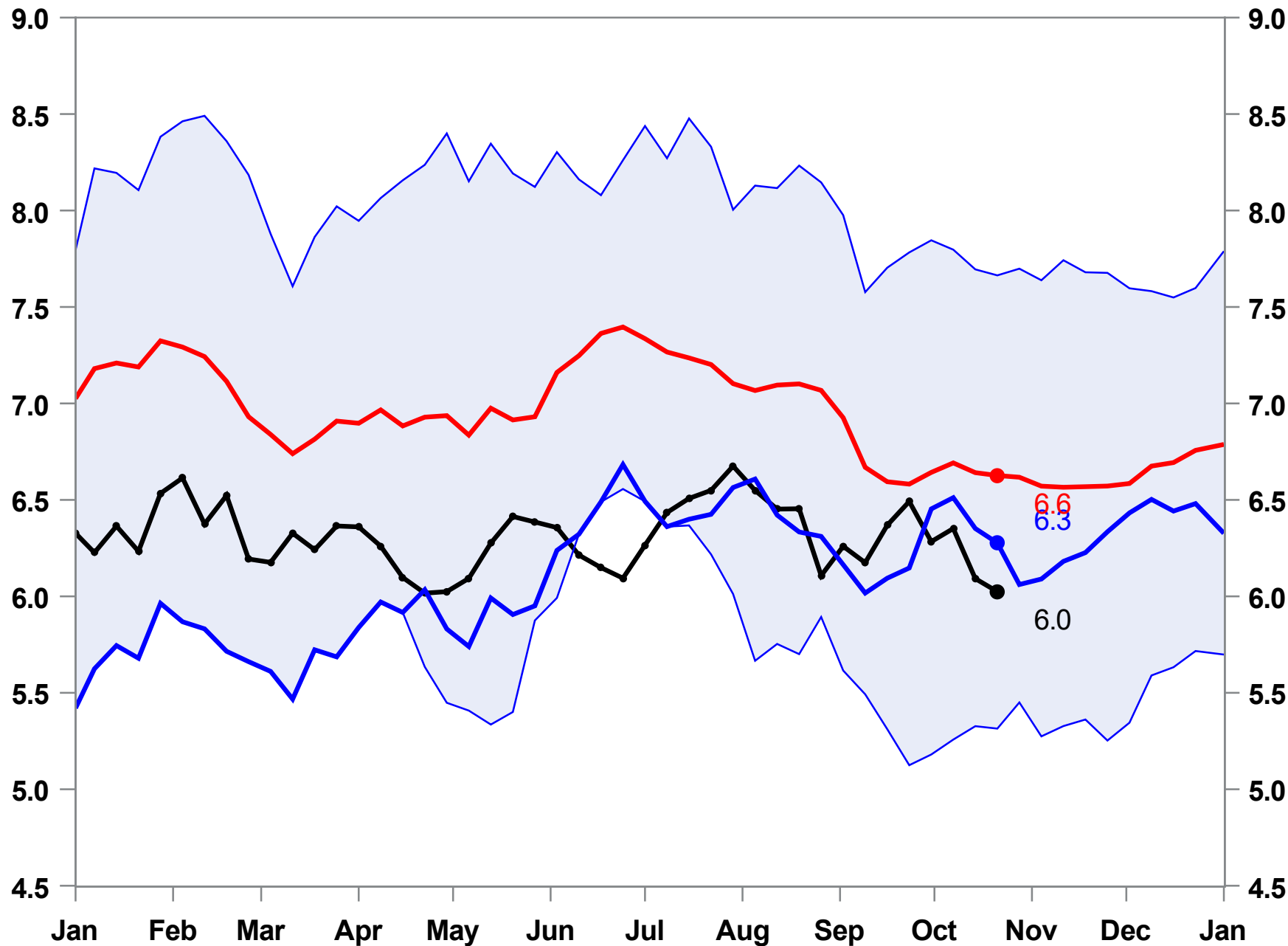
Last Year: 1,233

Five Year Average: 1286.6



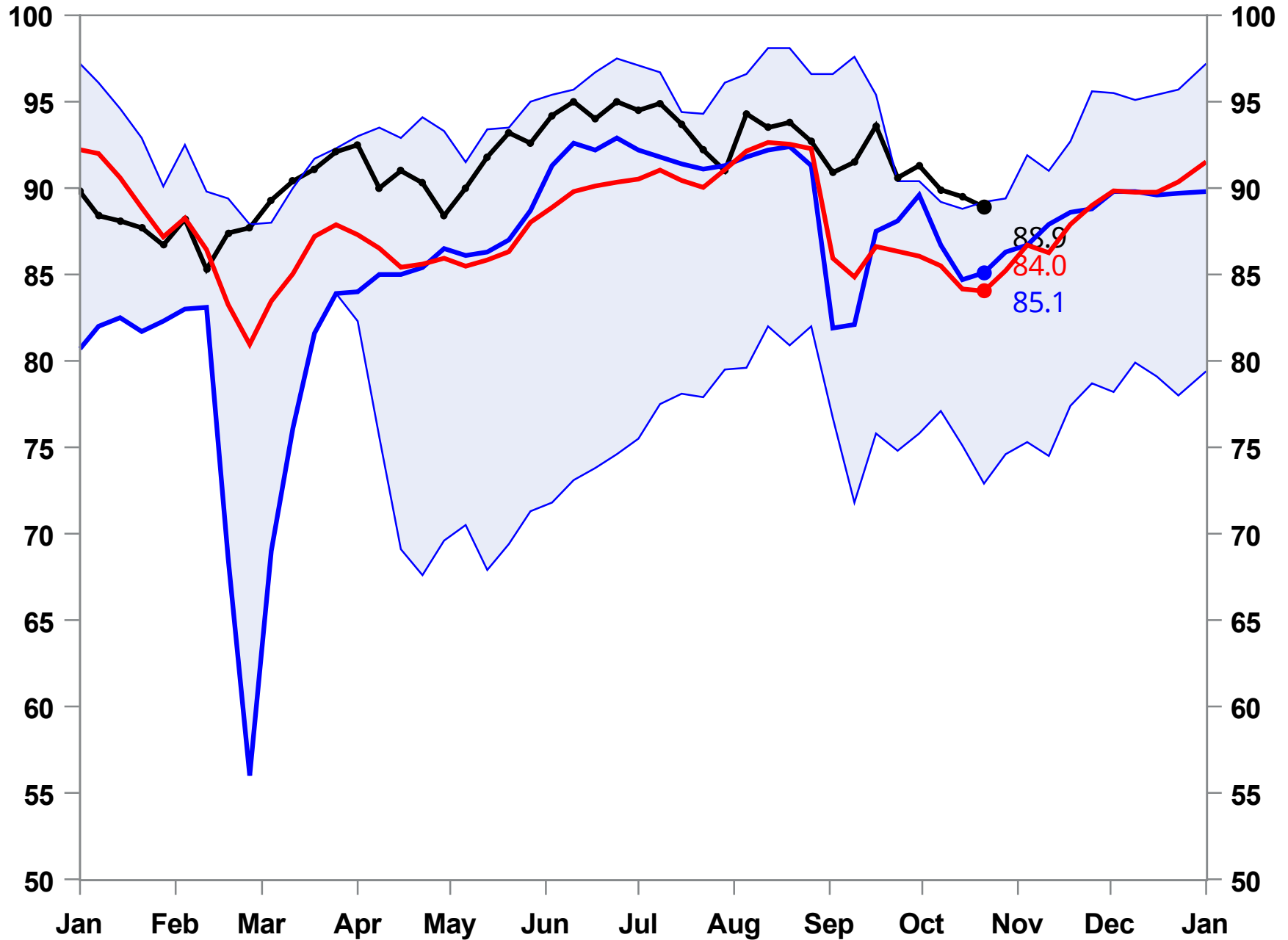
5-Year Average

2021 Data



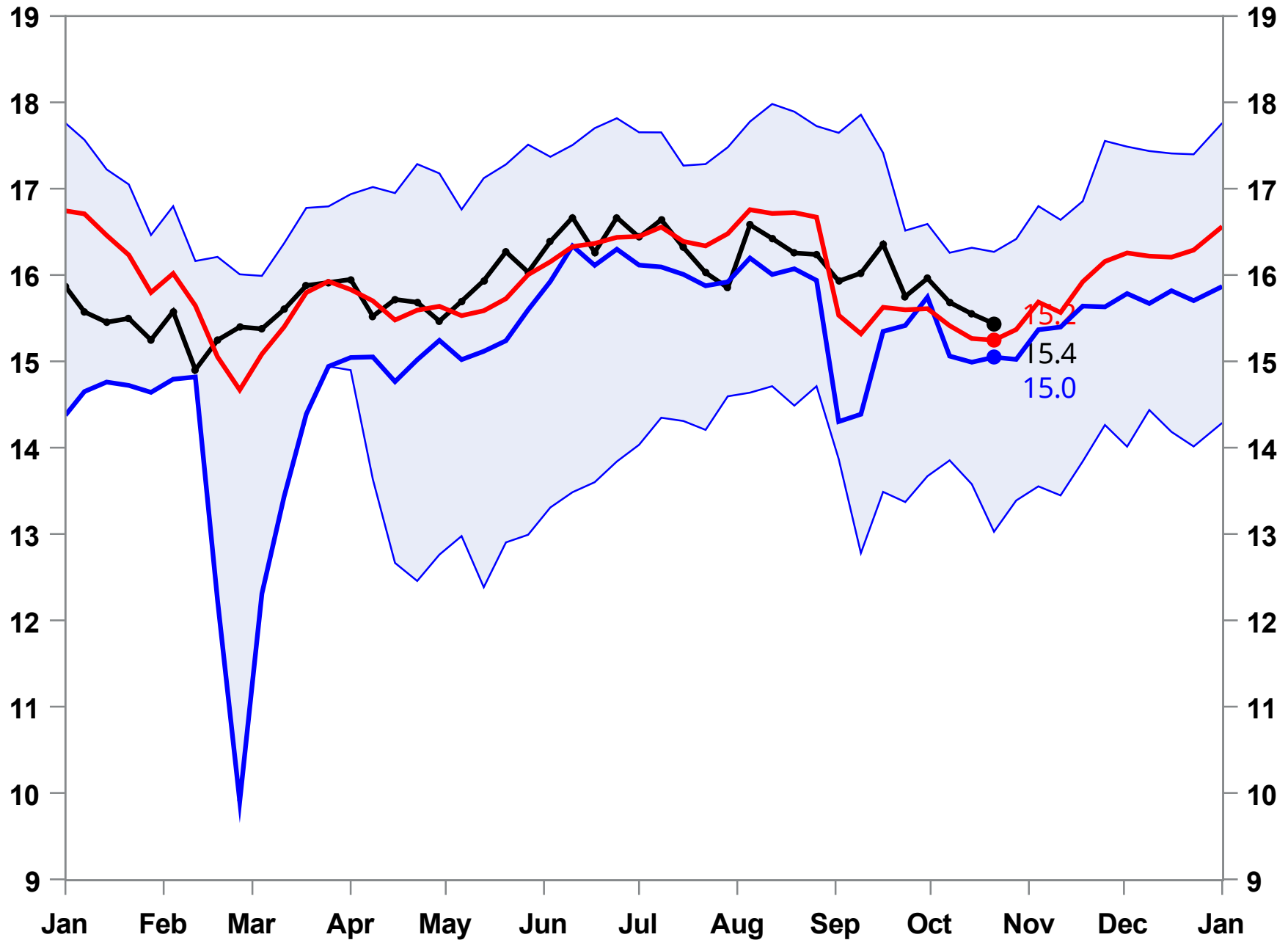
5-Year Average

2021 Data



5-Year Average

2021 Data

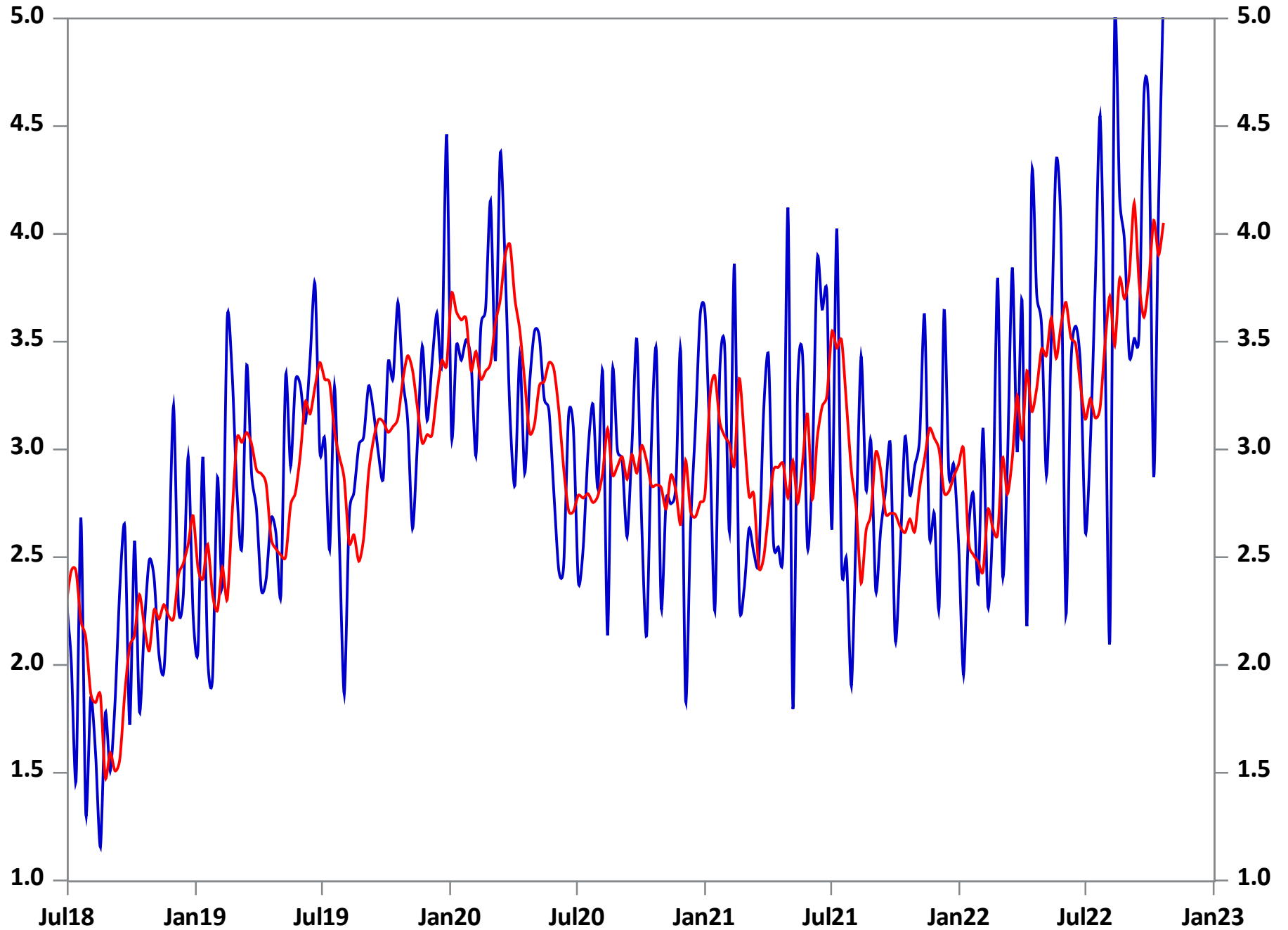


Total Crude Oil Exports with Quarterly Averages

Week Ending: October 21, 2022

5.1 MMBBL

Week Change: 991.0 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

Total Gasoline Stocks

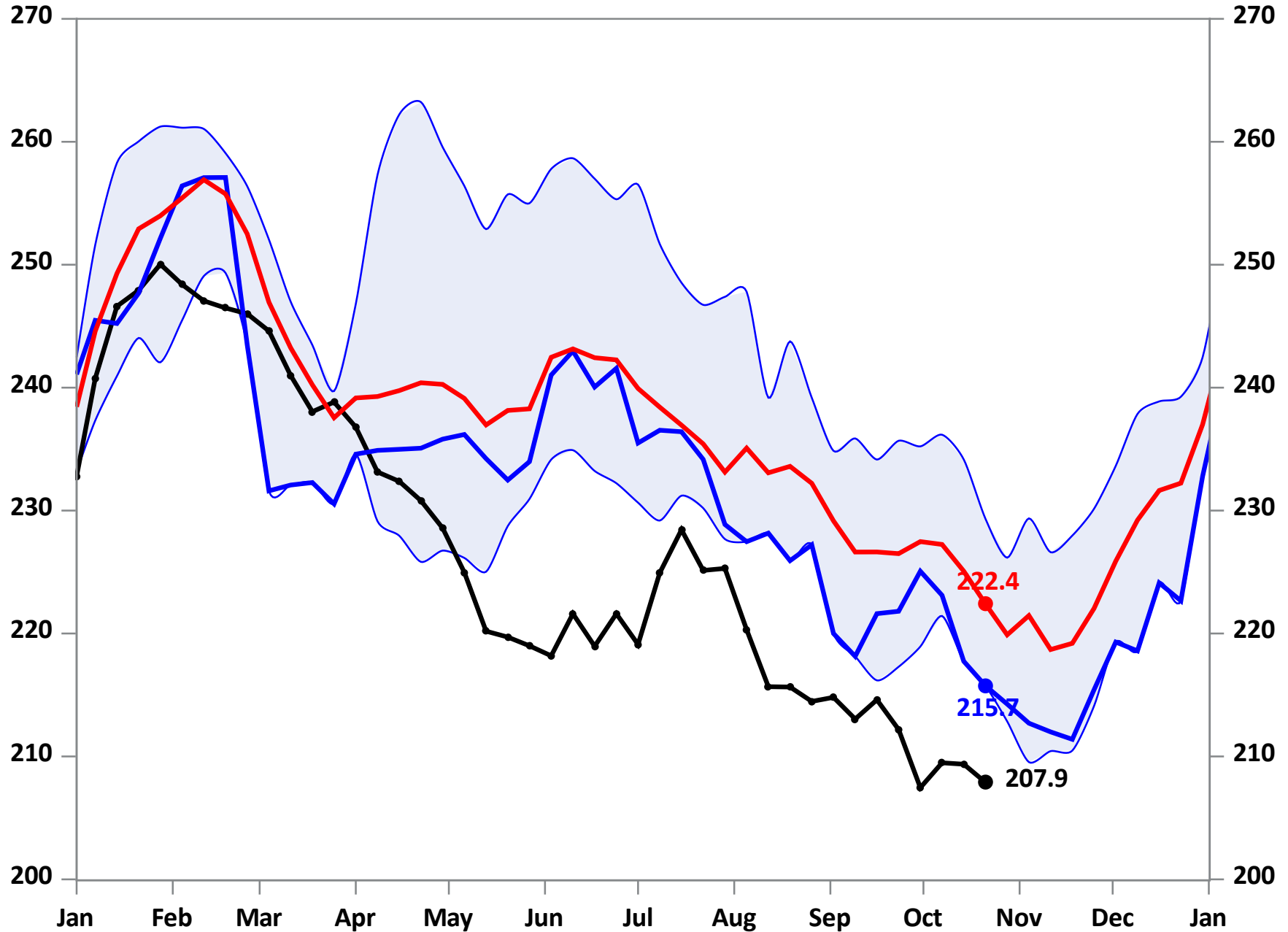
Week Ending: October 21, 2022

207.9 MMBBL

Week Change: -1.5 MMBBL

Last Year: 215.7

Five Year Average: 222.4



Total Gasoline Production (4-Week Moving Average Smoothing)

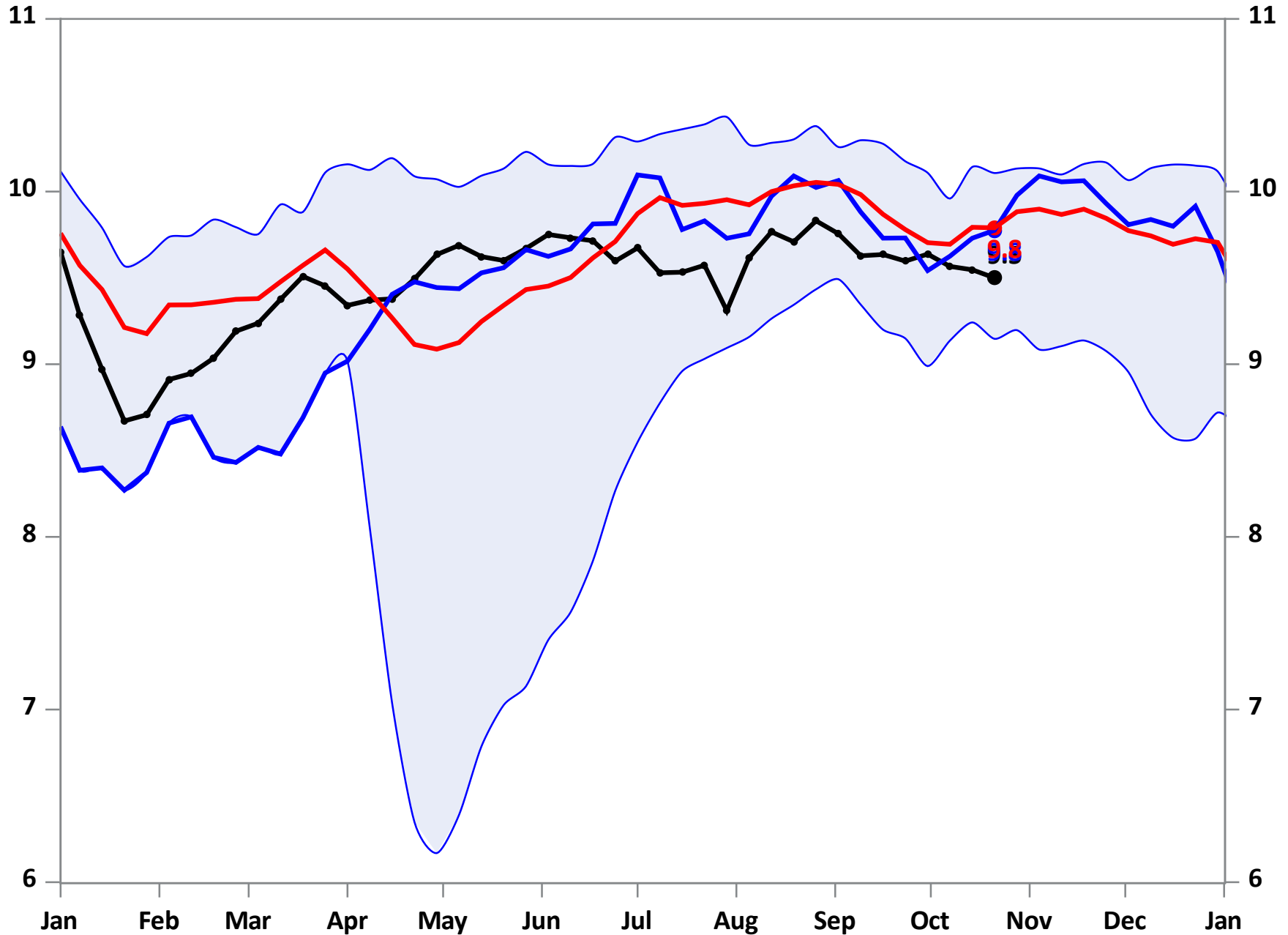
Week Ending: October 21, 2022

9.5 MMBBL/day

Week Change: -0.0 MMBBL

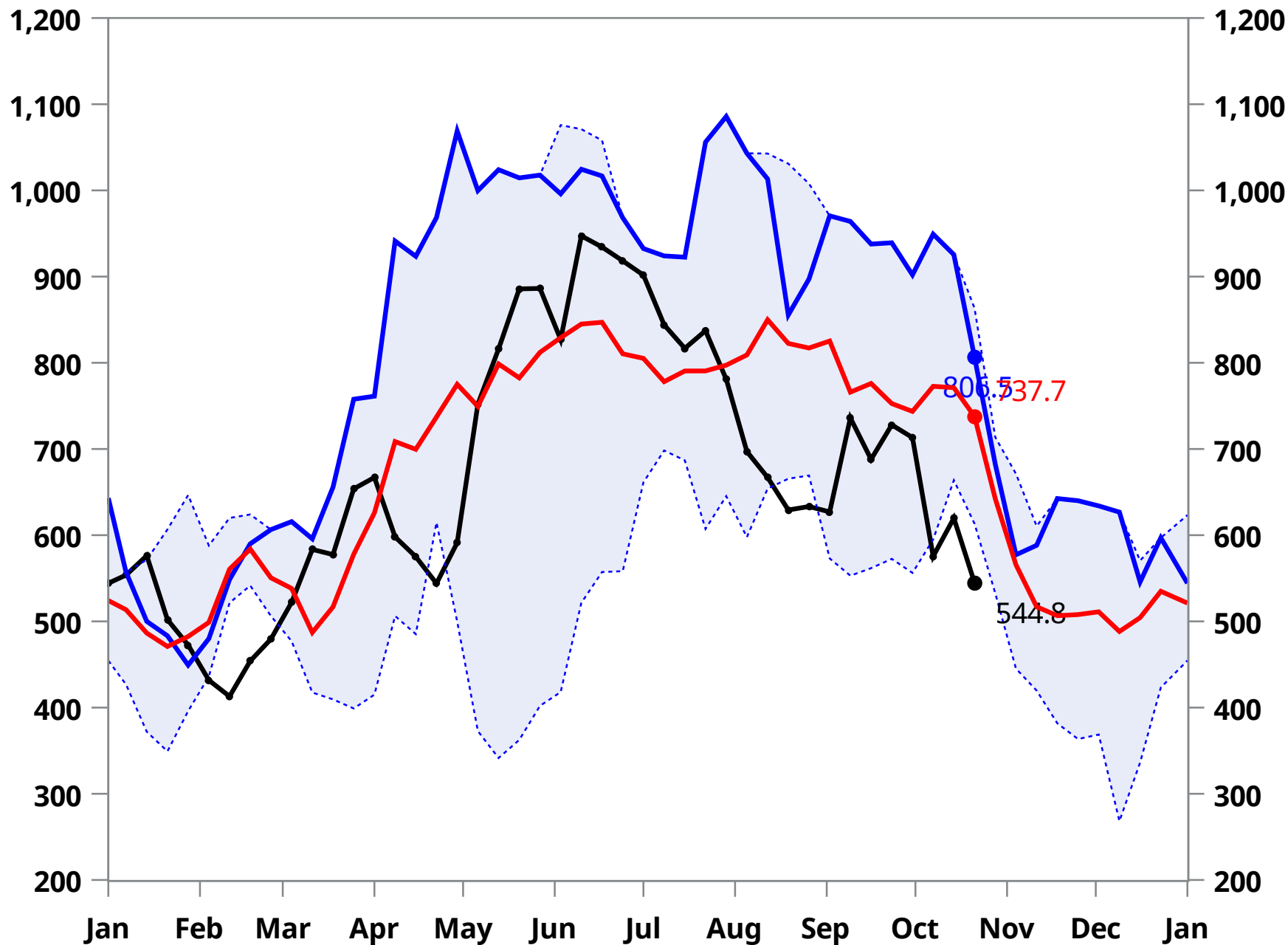
Last Year: 9.8

Five Year Average: 9.8



5-Year Average

2021 Data



Gasoline Demand (Smoothed with 4-Week Moving Average)

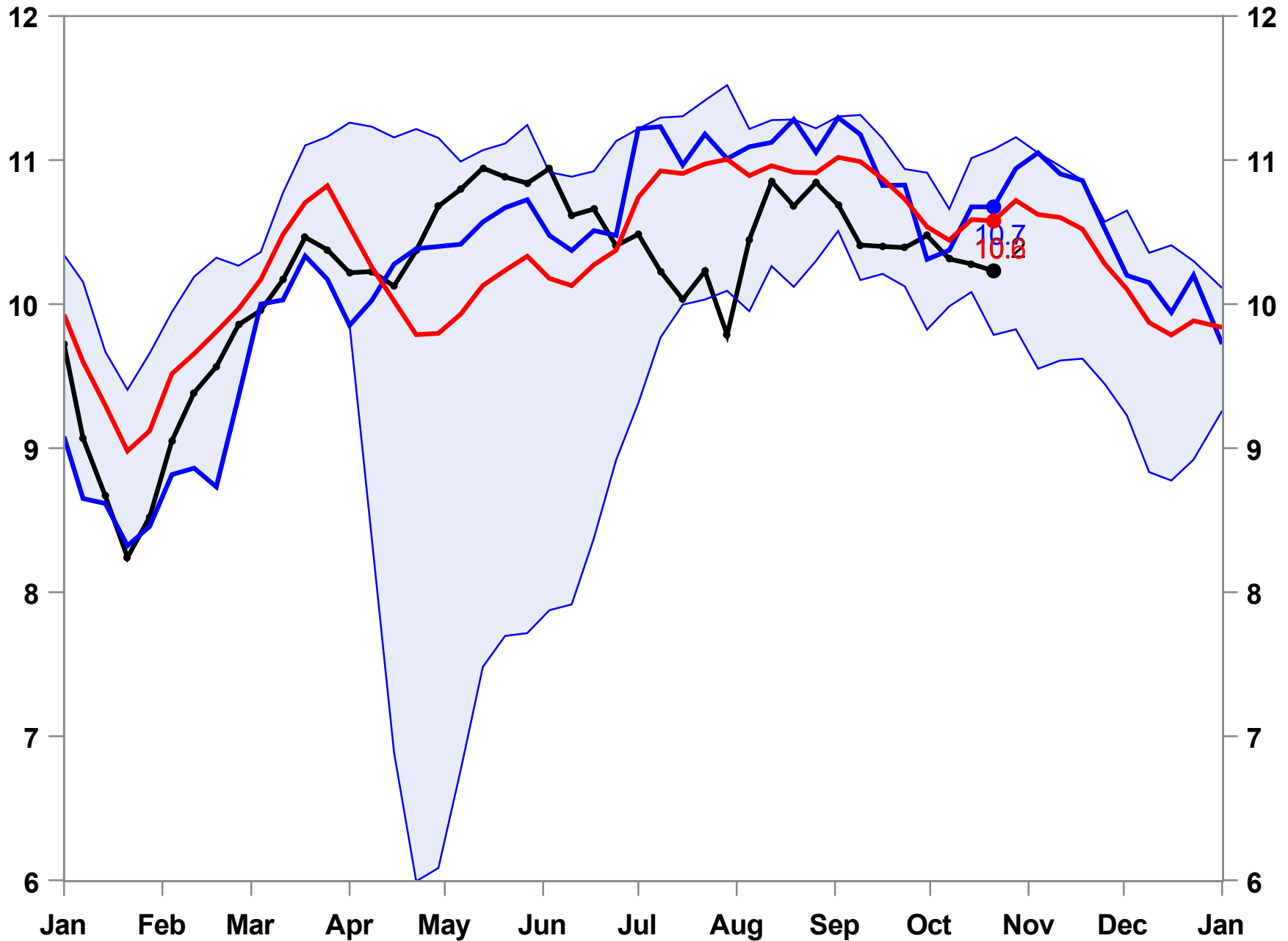
Week Ending: October 21, 2022

10.2 MMBBL/day

Week Change: -0.05 MMBBL

Last Year: 10.7

Five Year Average: 10.6



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

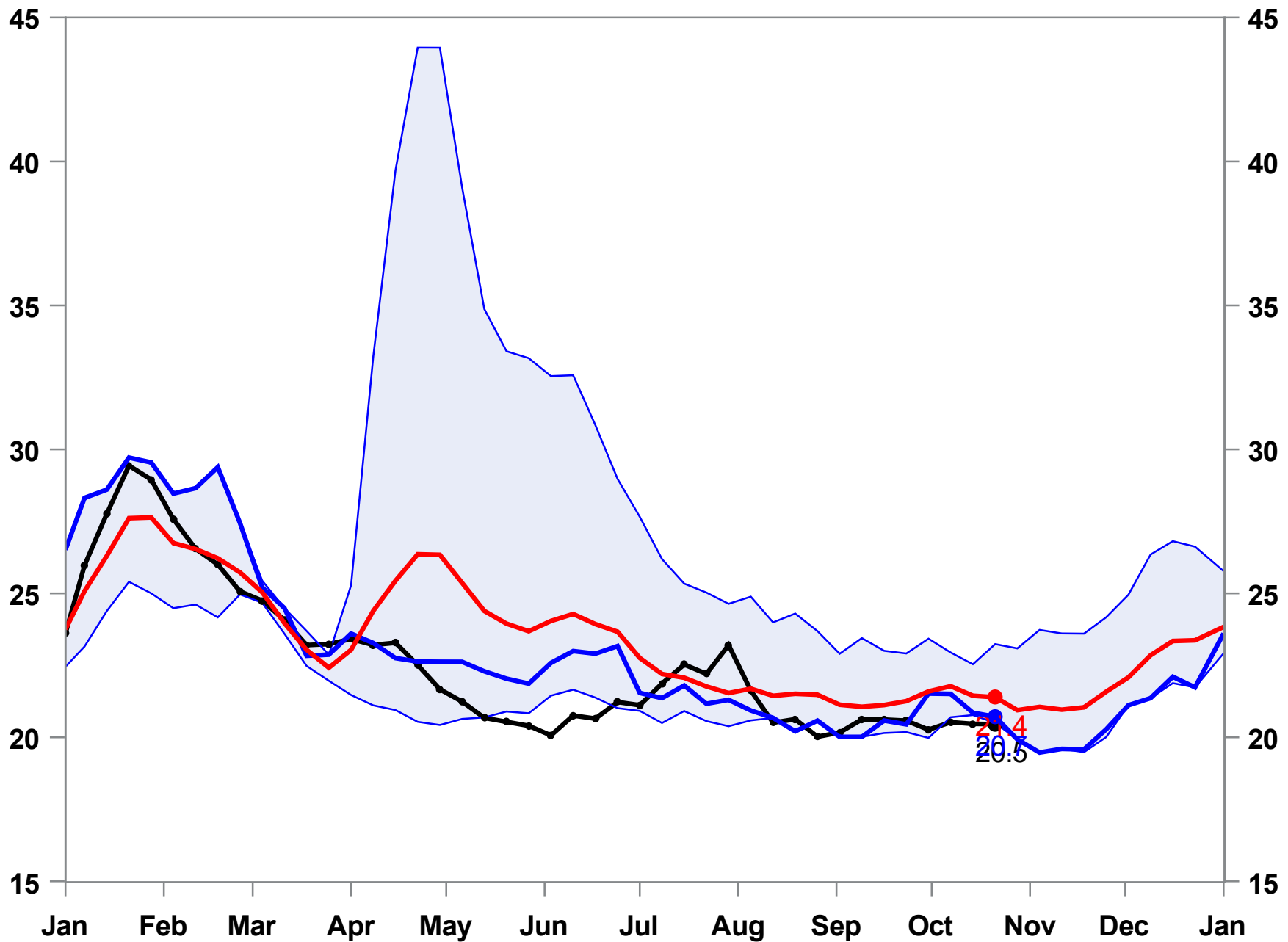
Week Ending: October 21, 2022

20.5 Days

Week Change: -0.01

Last Year: 20.7

Five Year Average: 21.4



PADD 1 Gasoline Stocks

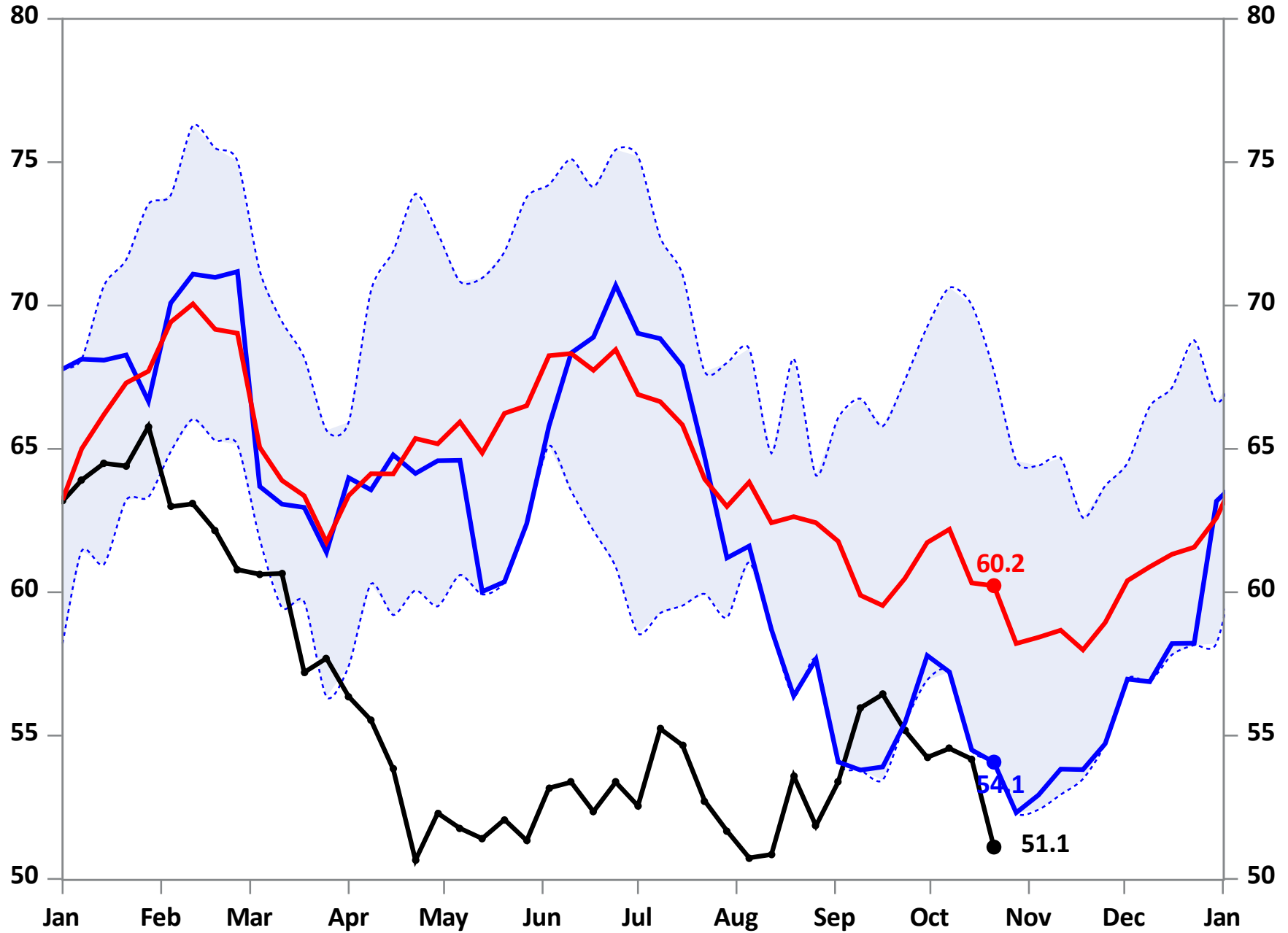
Week Ending: Oct 21, 2022

51.1 MMBBL

Week Change: -3.1 MMBBL

Last Year: 54.1

Five Year Average: 60.2



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

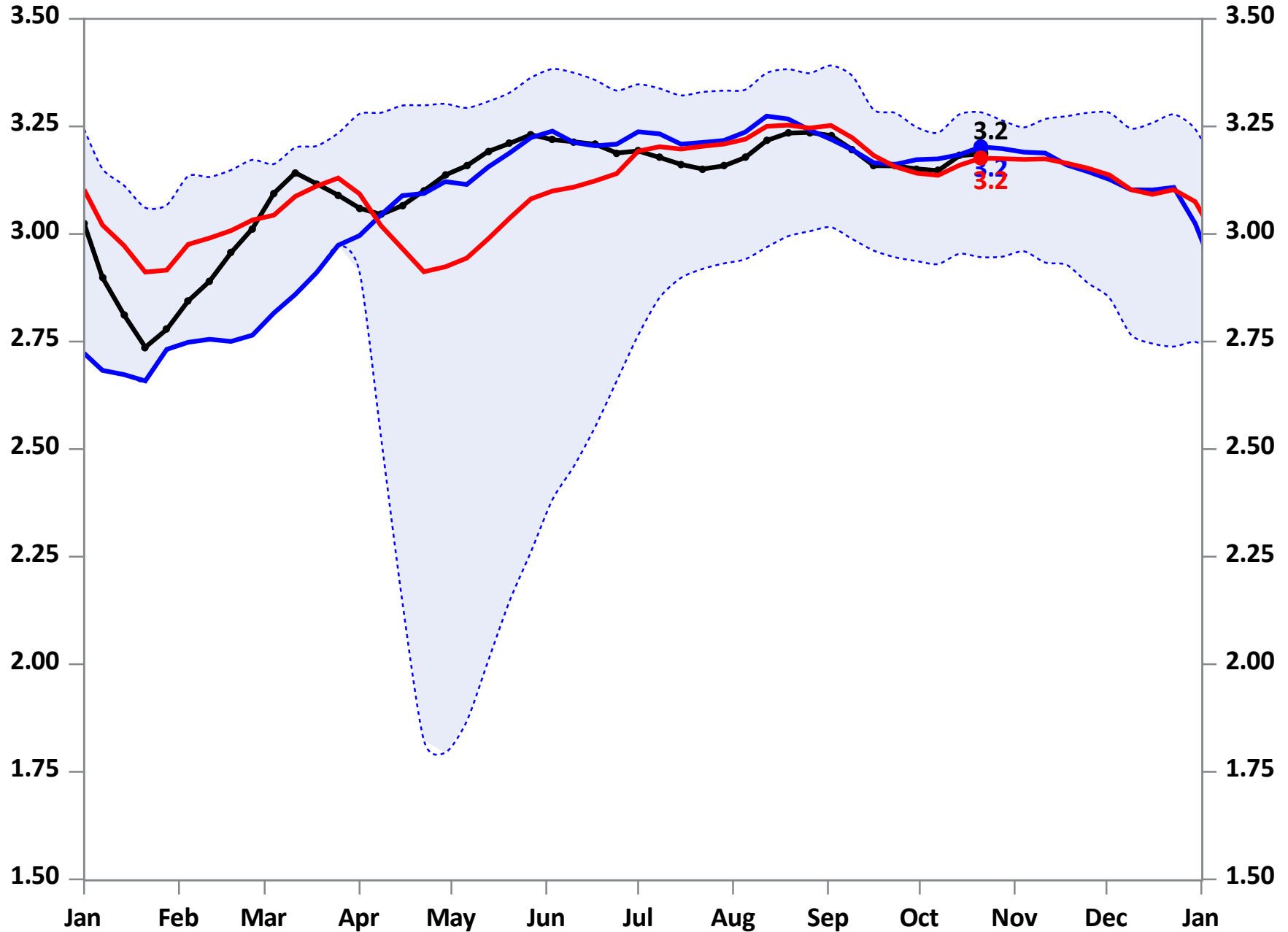
Week Ending: Oct 21, 2022

3.2 MMBBL/day

Week Change: 0.0 MMBBL

Last Year: 3.2

Five Year Average: 3.2



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

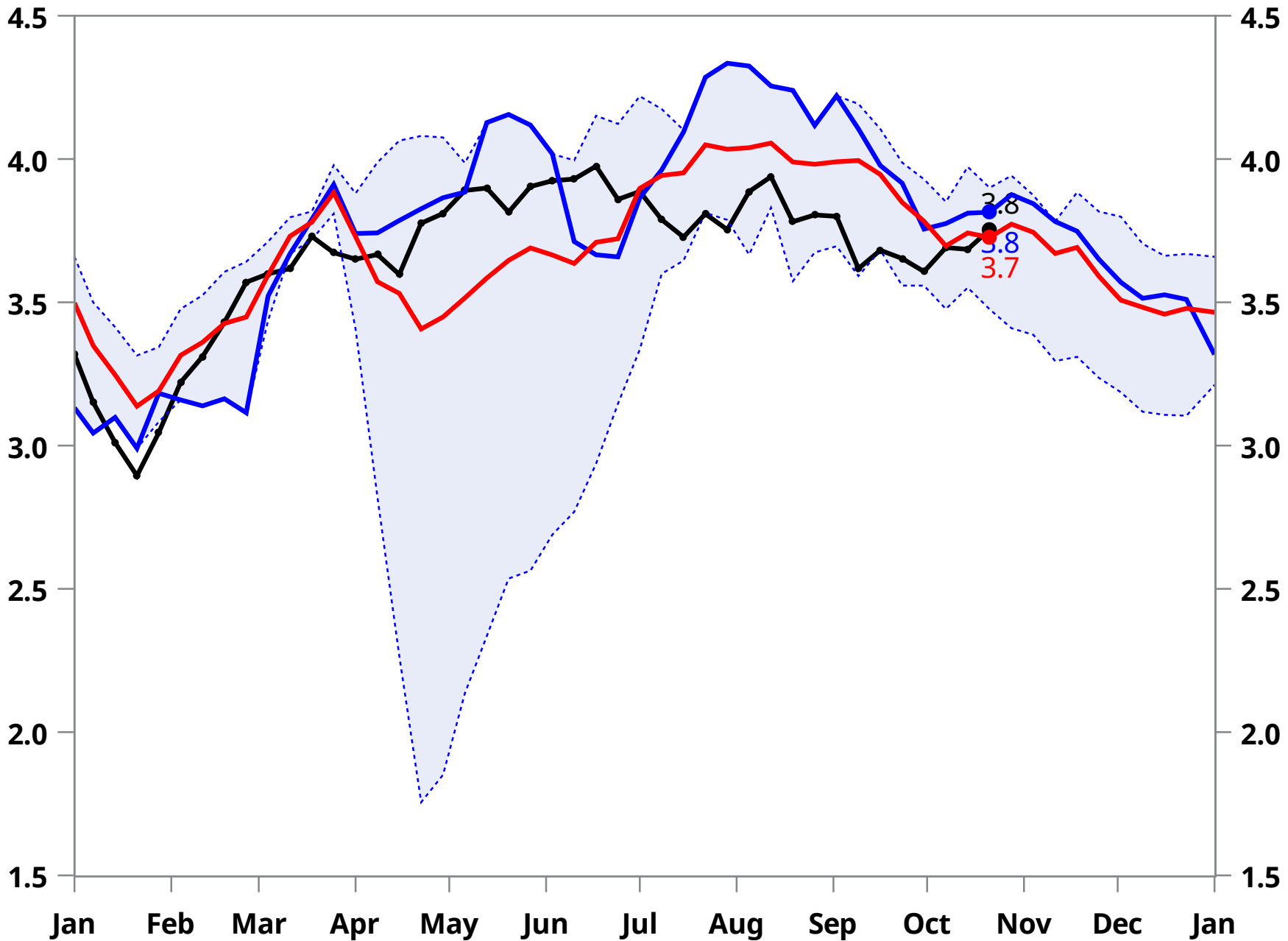
Week Ending: October 21, 2022

3.8 MMBBL/day

Week Change: 0.07 MMBBL

Last Year: 3.8

Five Year Average: 3.7



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

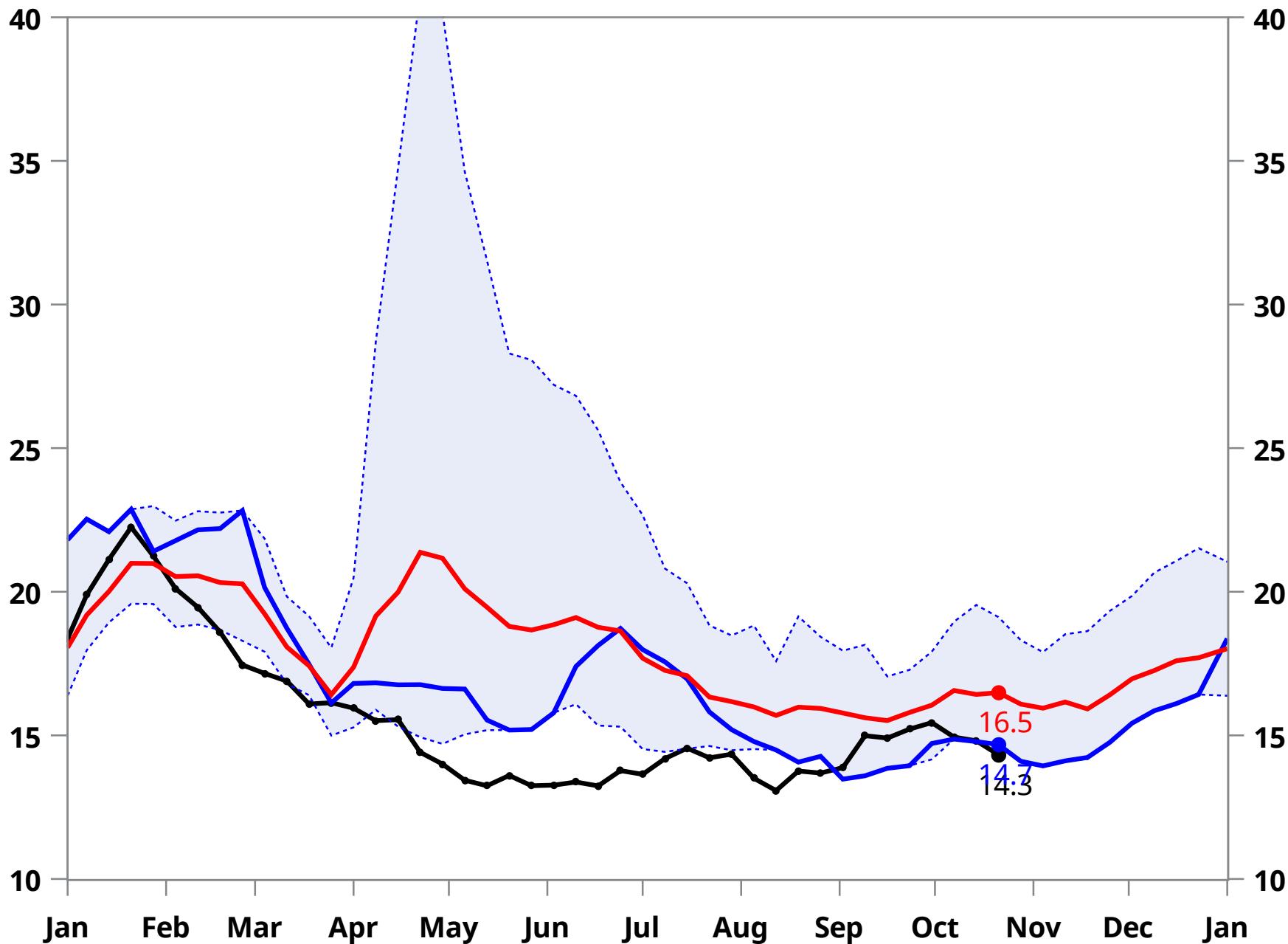
Week Ending: October 21, 2022

14.3 Days

Week Change: -0.49

Last Year: 14.7

Five Year Average: 16.5



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
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

Total Distillates Stocks

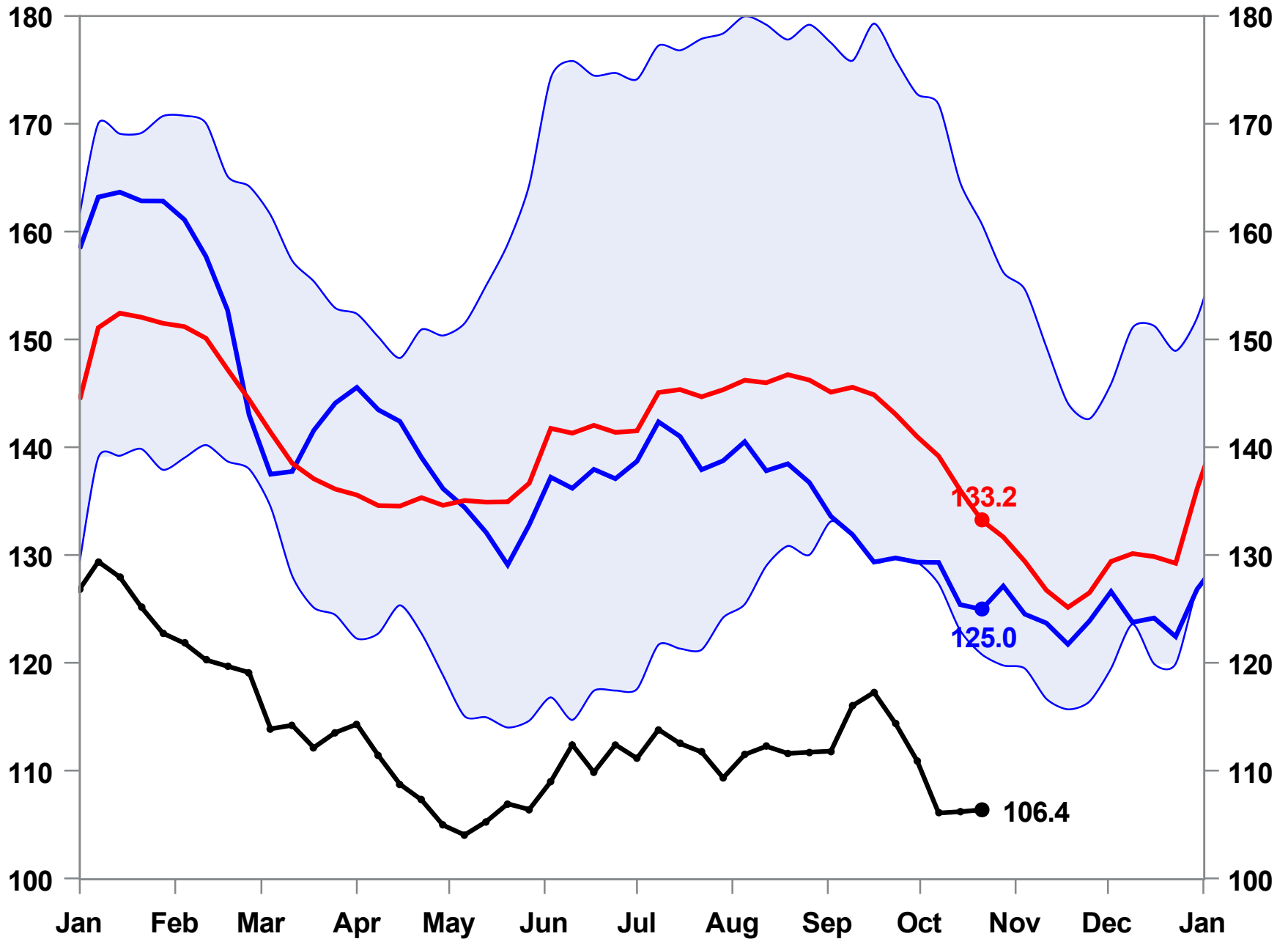
Week Ending: October 21, 2022

106.4 MMBBL

Week Change: 0.2 MMBBL

Last Year: 125.0

Five Year Average: 133.2



Total Distillates Production (4-Week Moving Average Smoothing)

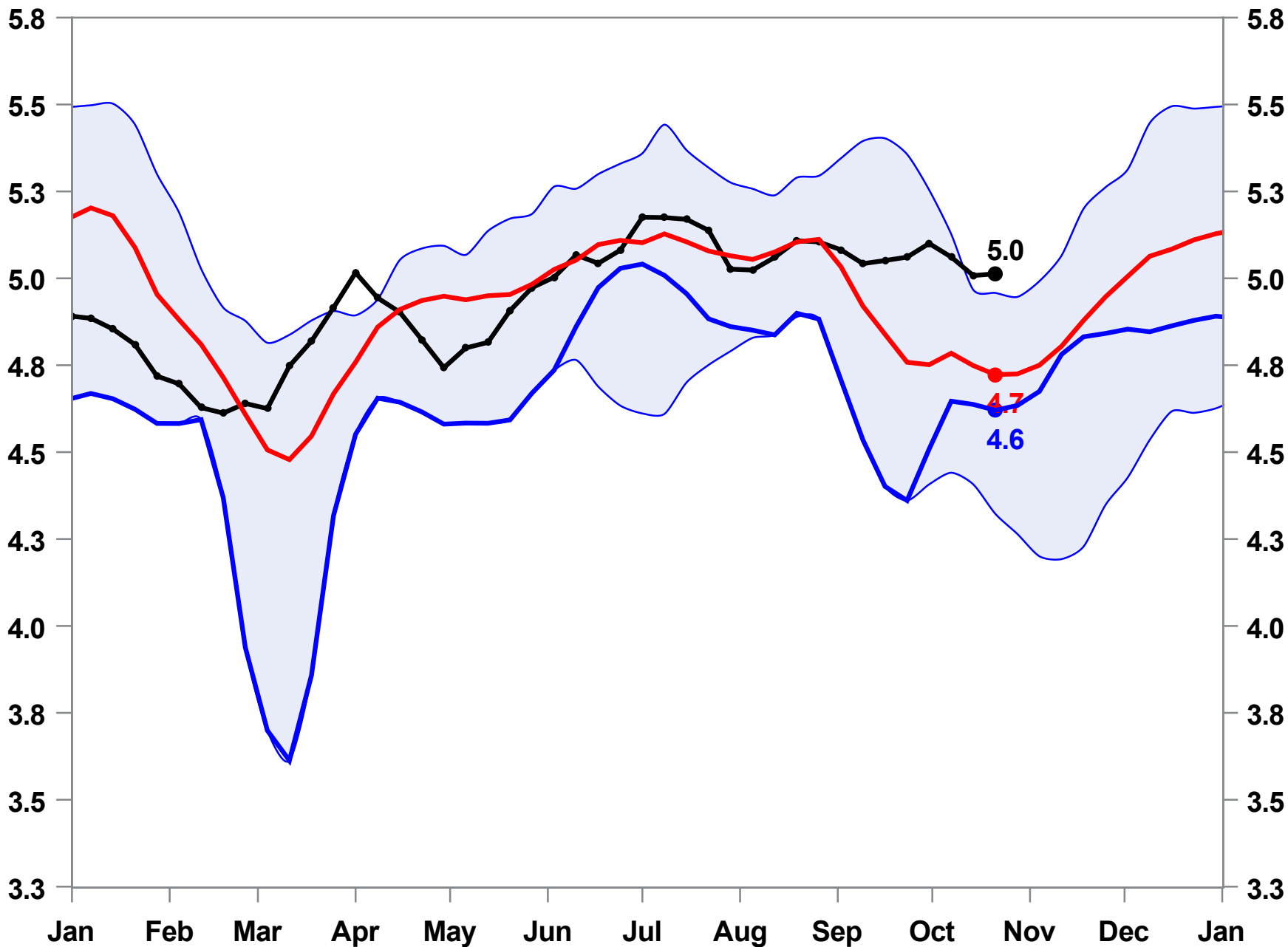
Week Ending: October 21, 2022

5.0 MMBBL/day

Week Change: 0.0 MMBBL

Last Year: 4.6

Five Year Average: 4.7



Distillates Demand (Smoothed with 4-Week Moving Average)

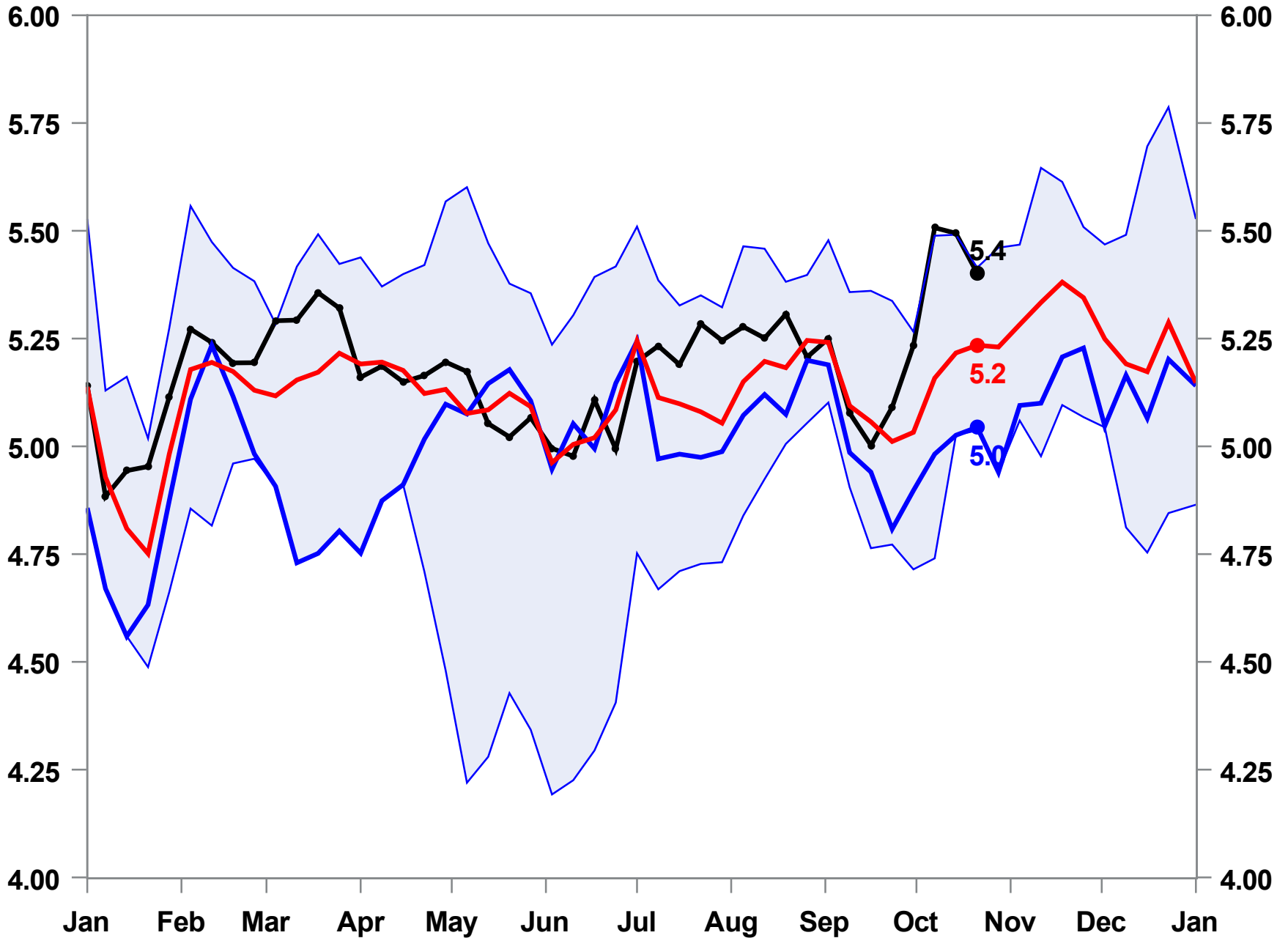
Week Ending: October 21, 2022

5.4 MMBBL/day

Week Change: -0.09 MMBBL

Last Year: 5.0

Five Year Average: 5.2



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

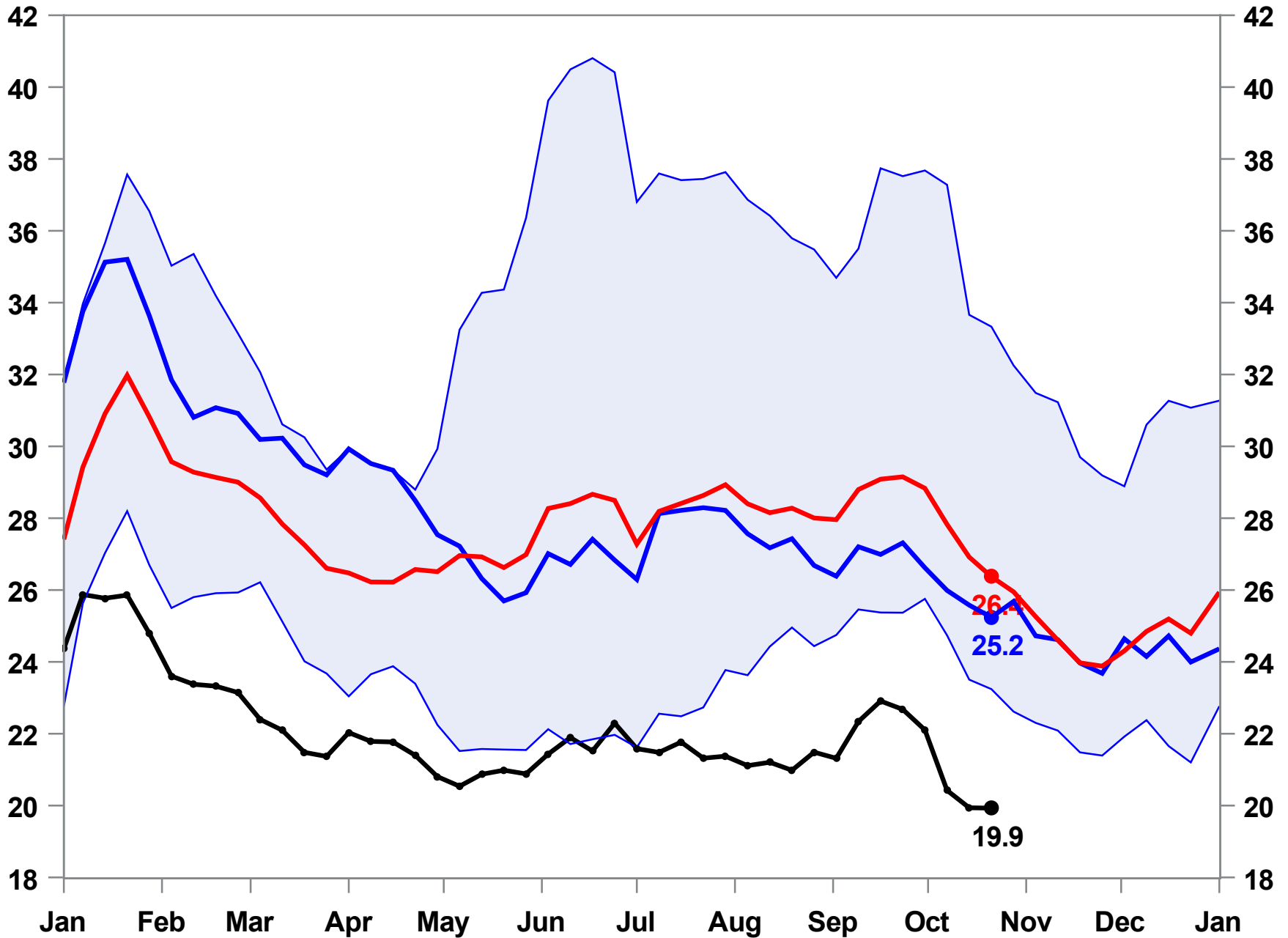
Week Ending: October 21, 2022

19.9 Days

Week Change: -0.01

Last Year: 25.2

Five Year Average: 26.4



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

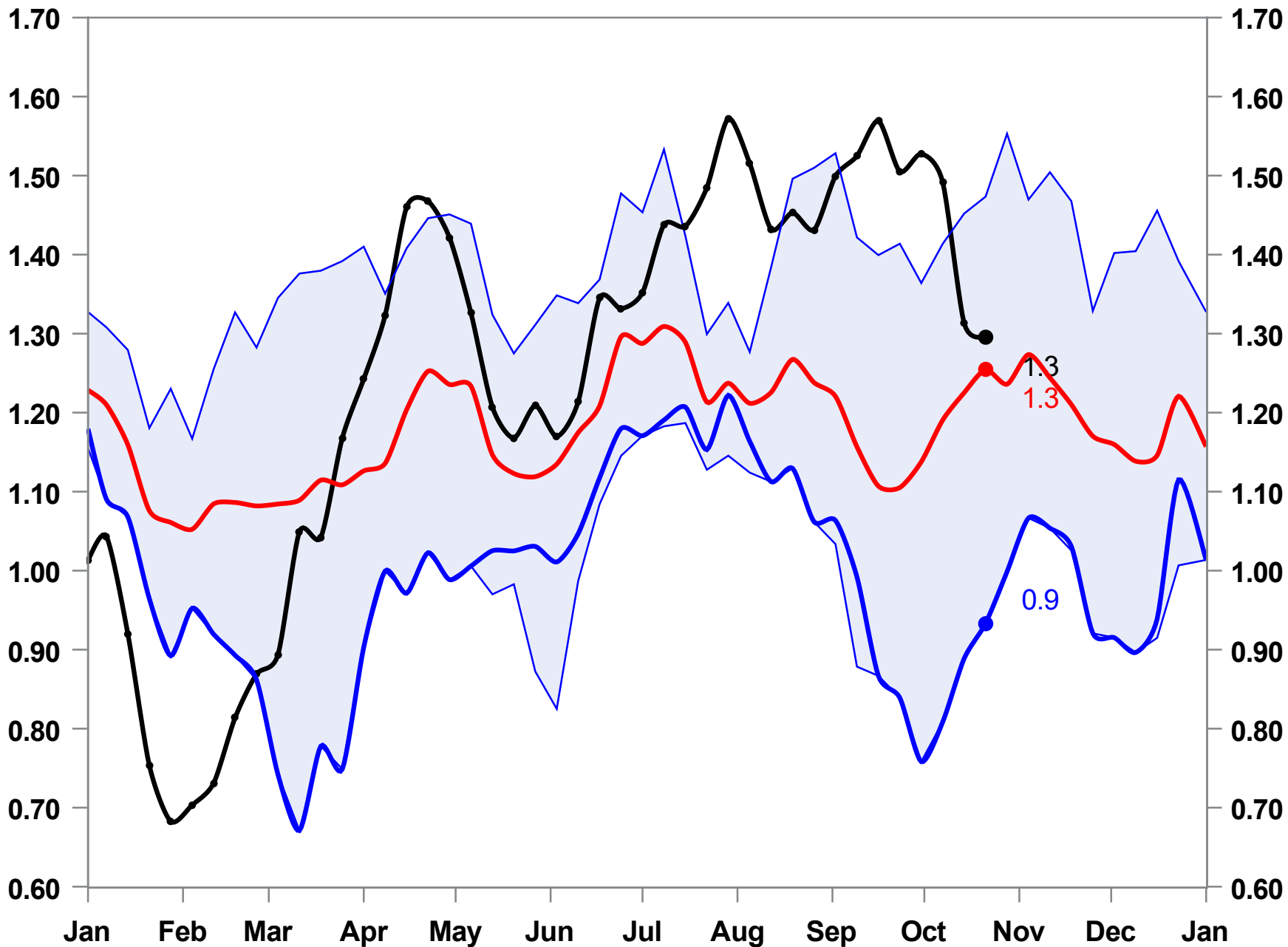
Week Ending: October 21, 2022

1.3 MMBBL

Week Change: -0.02 MMBBL

Last Year: 0.9

Five Year Average: 1.3



PADD 3 Distillates Stocks

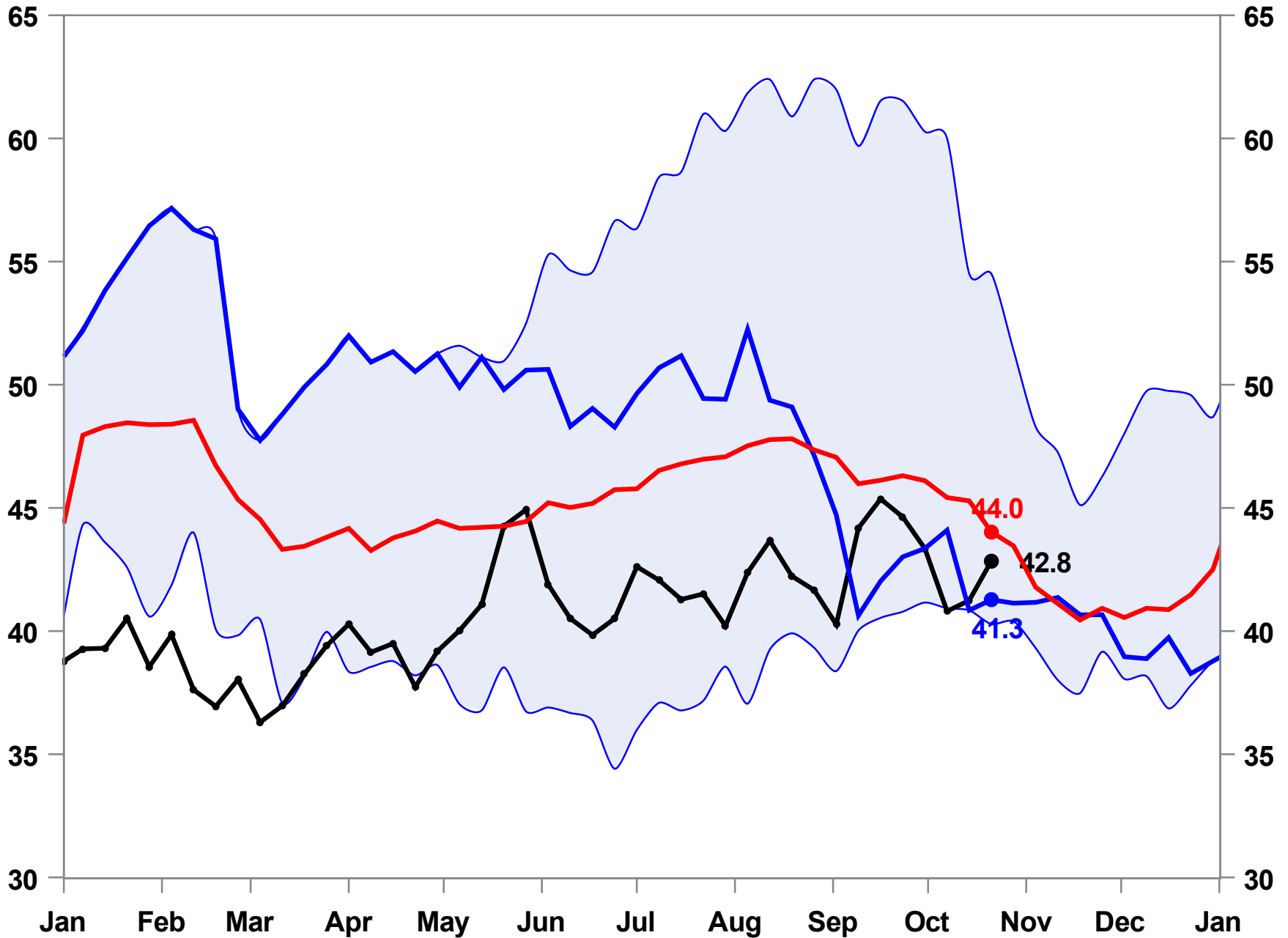
Week Ending: October 21, 2022

42.8 MMBBL

Week Change: 1.6 MMBBL

Last Year: 41.3

Five Year Average: 44.0



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

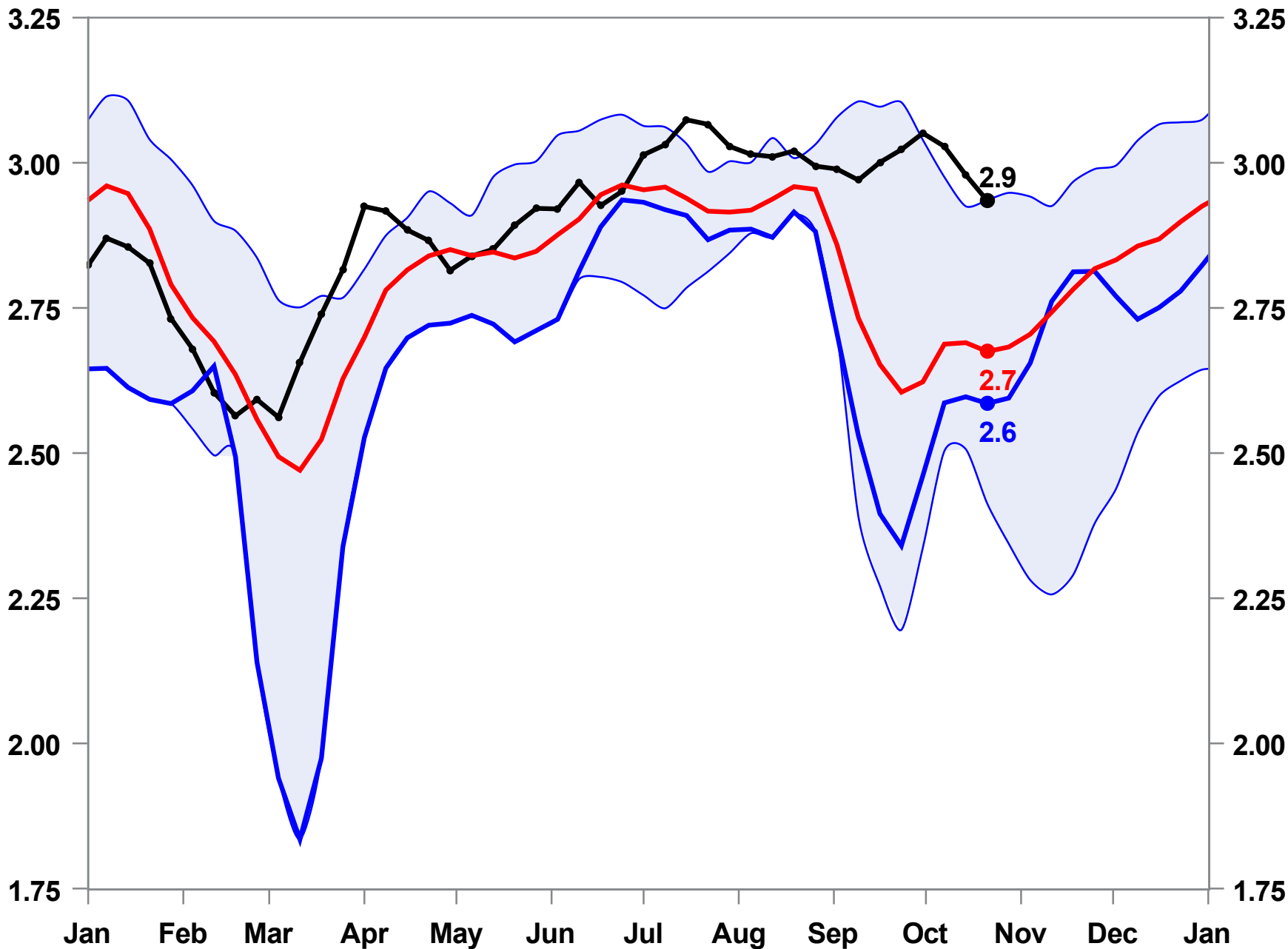
Week Ending: October 21, 2022

2.9 MMBBL/day

Week Change: -0.0 MMBBL

Last Year: 2.6

Five Year Average: 2.7



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

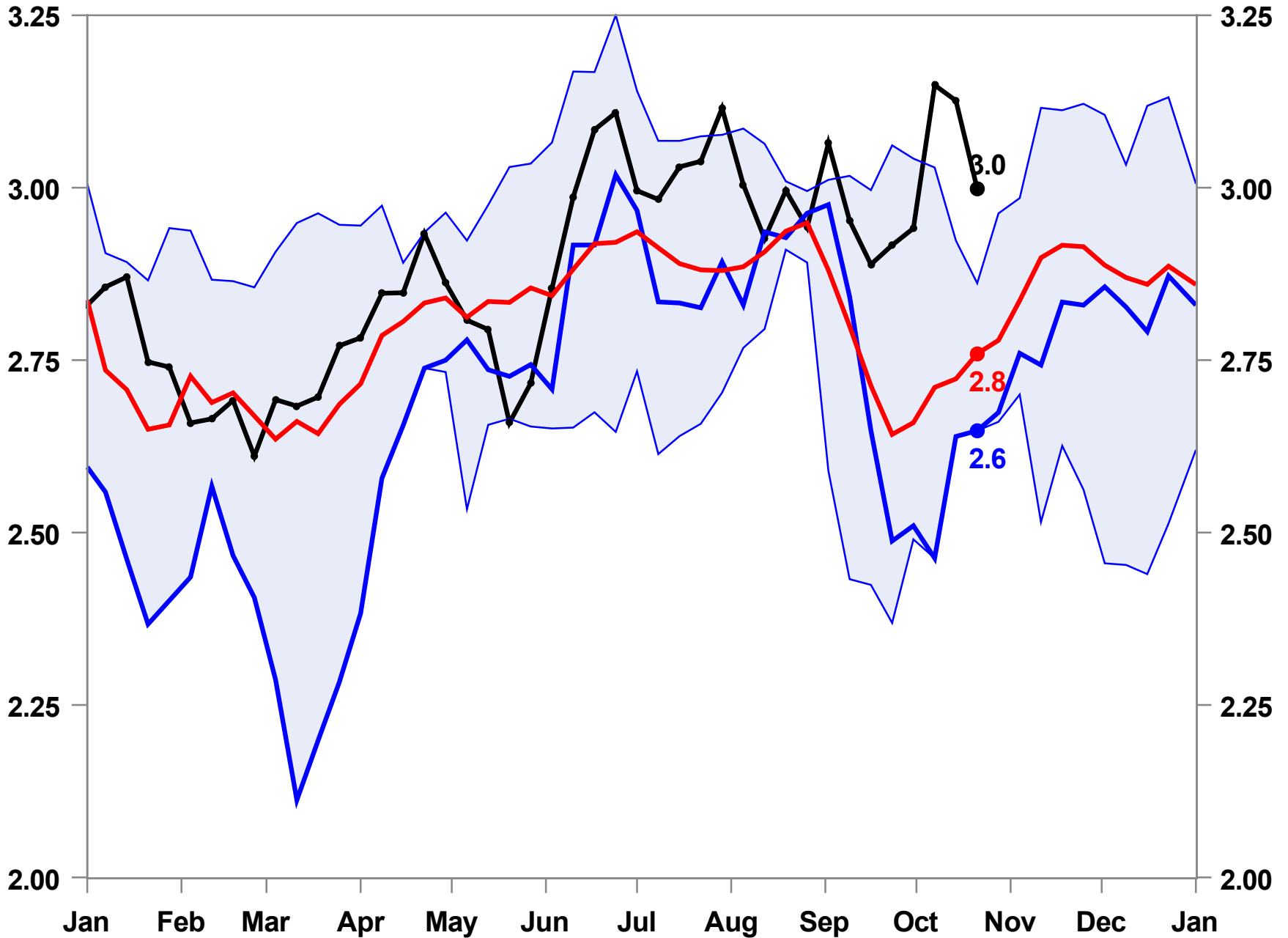
Week Ending: October 21, 2022

3.0 MMBBL/day

Week Change: -0.13 MMBBL

Last Year: 2.6

Five Year Average: 2.8



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

Week Ending: October 21, 2022

14.2 Days

Week Change: 0.55

Last Year: 16.1

Five Year Average: 16.7

