

Global energy supplies

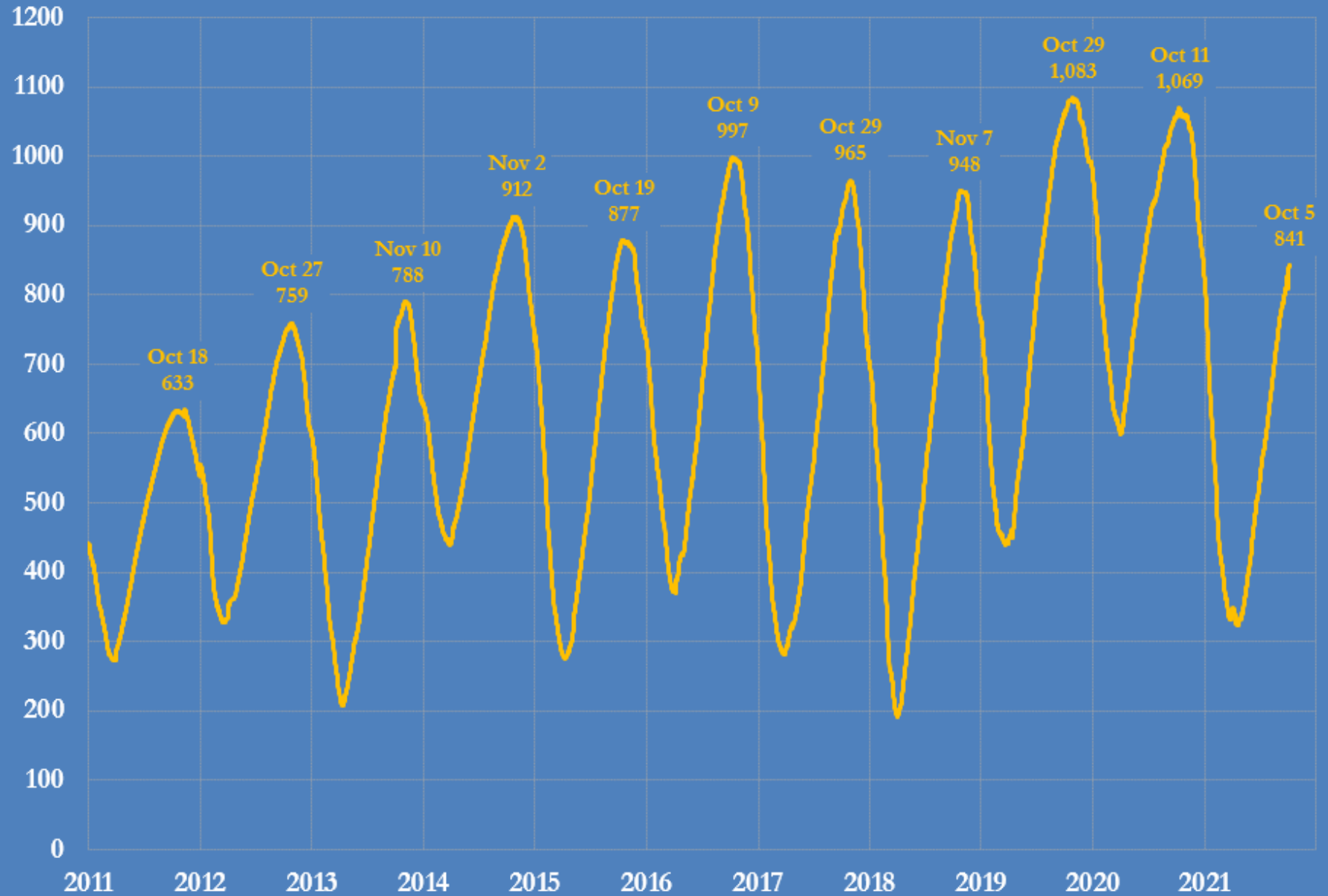
Selected indicators

JOHN KEMP
REUTERS

8 Oct 2021

European natural gas storage, 2011-2021

daily, EU28, TWh

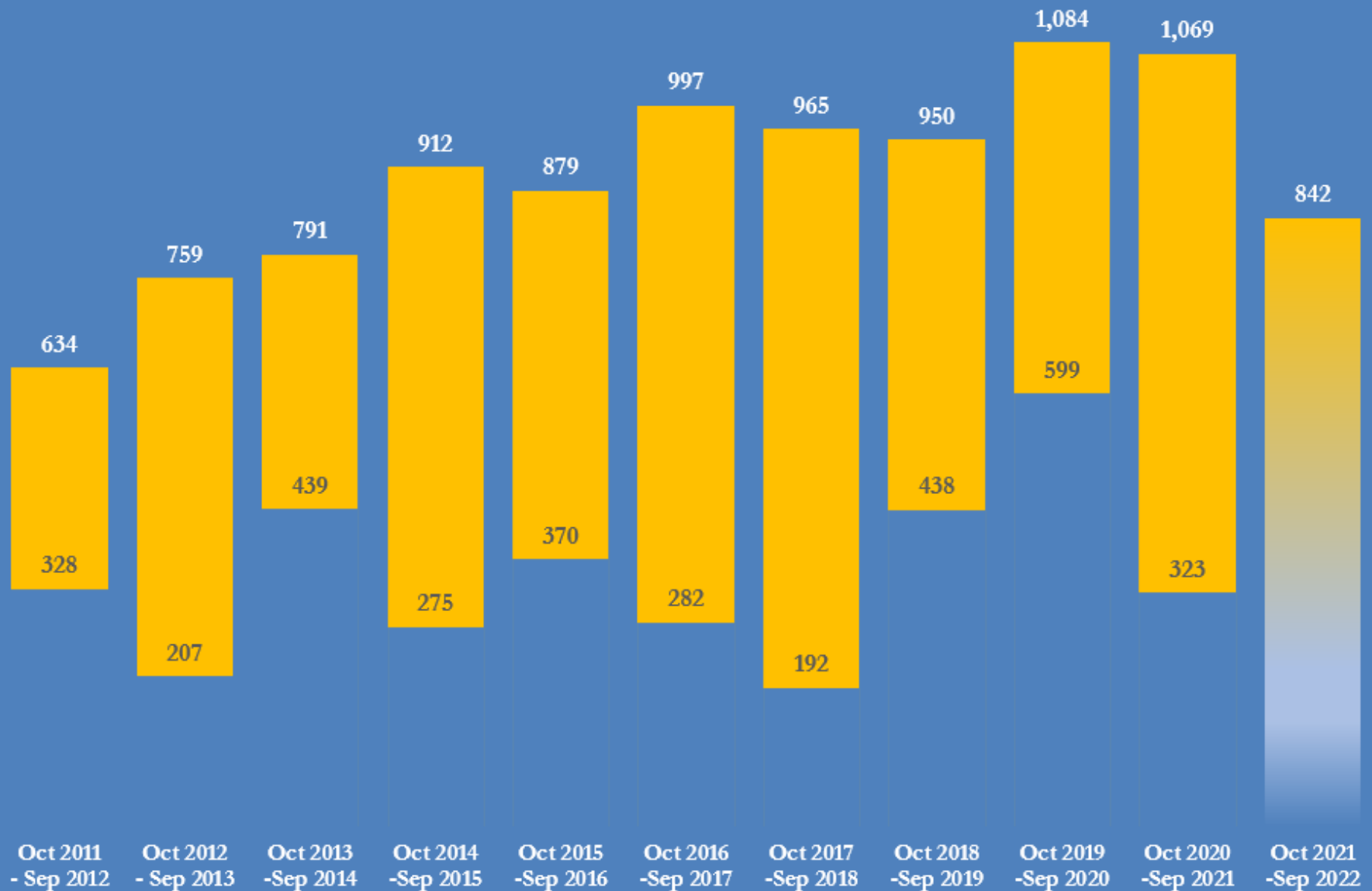


Source: Gas Infrastructure Europe

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European natural gas storage, 2011-2021

TWh, storage swing from maximum to minimum each year



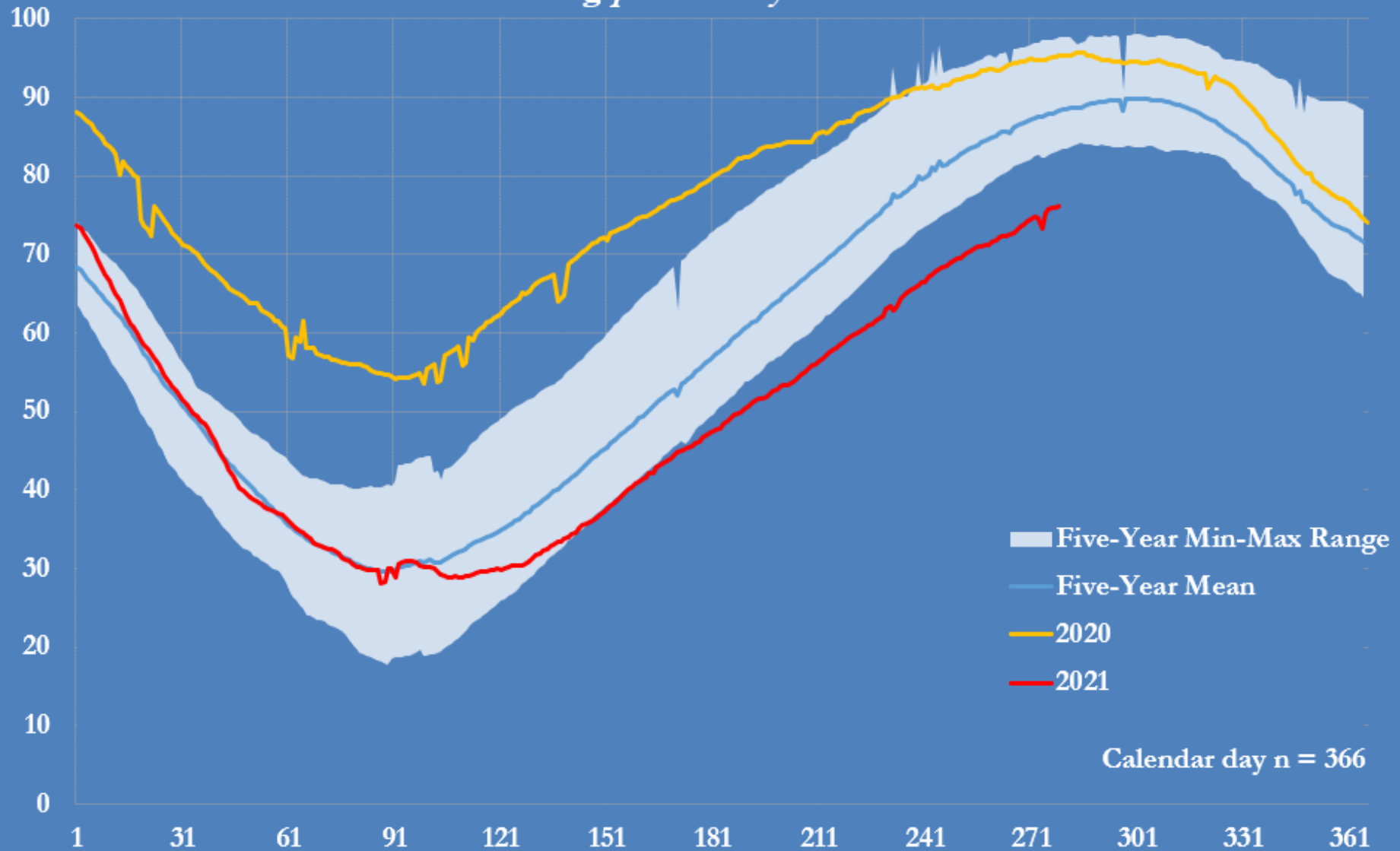
European natural gas storage

Storage years starting Oct 1 and finishing Sep 30
EU28, TWh

	Oct 2011 - Sep 2012	Oct 2012 - Sep 2013	Oct 2013 -Sep 2014	Oct 2014 -Sep 2015	Oct 2015 -Sep 2016	Oct 2016 -Sep 2017	Oct 2017 -Sep 2018	Oct 2018 -Sep 2019	Oct 2019 -Sep 2020	Oct 2020 -Sep 2021	Oct 2021 -Sep 2022
Maximum	634	759	791	912	879	997	965	950	1,084	1,069	842
Minimum	328	207	439	275	370	282	192	438	599	323	#N/A
Drawdown	-306	-552	-352	-637	-510	-716	-773	-512	-485	-746	#N/A
	Prior 10 years		Prior 5 years								
Largest drawdown	-773		-773								
Smallest drawdown	-306		-485								
Average drawdown	-559		-646								

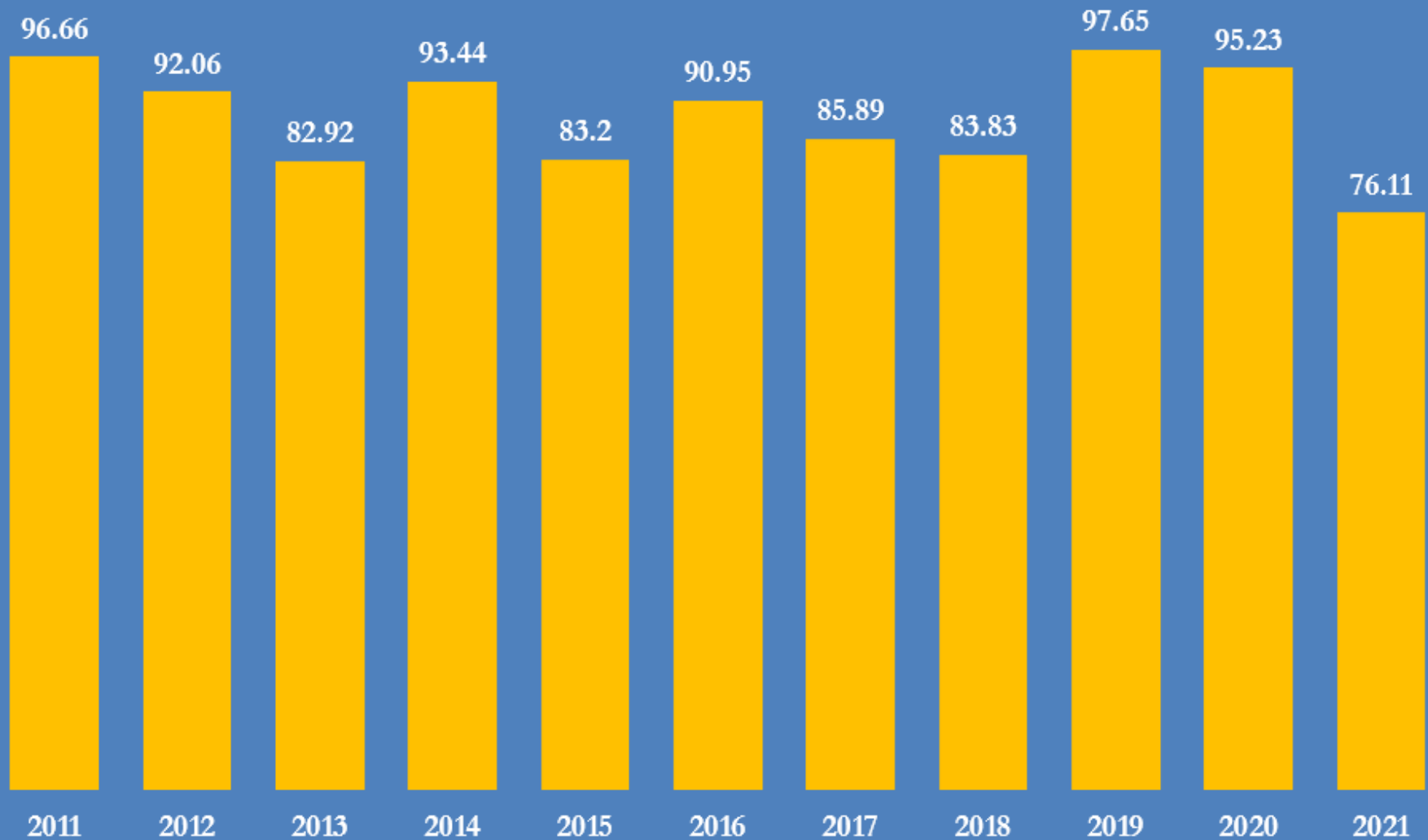
Source: Gas Infrastructure Europe
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European natural gas inventories
reported stocks as percent of total storage capacity
excluding pandemic year of 2020



European natural gas storage, 2011-2021

reported inventories as percent of total capacity each year on Oct 6

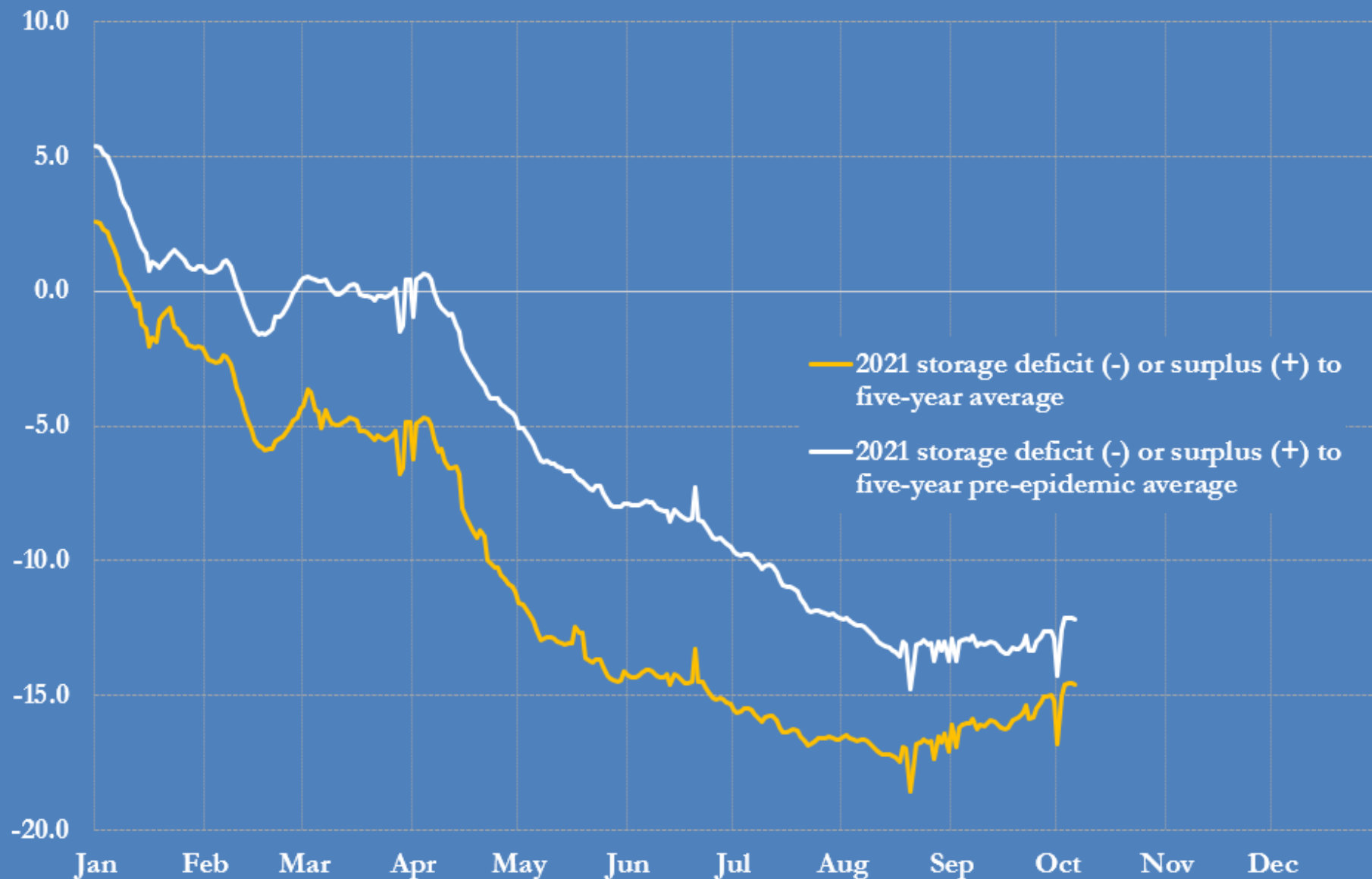


Source: Gas Infrastructure Europe

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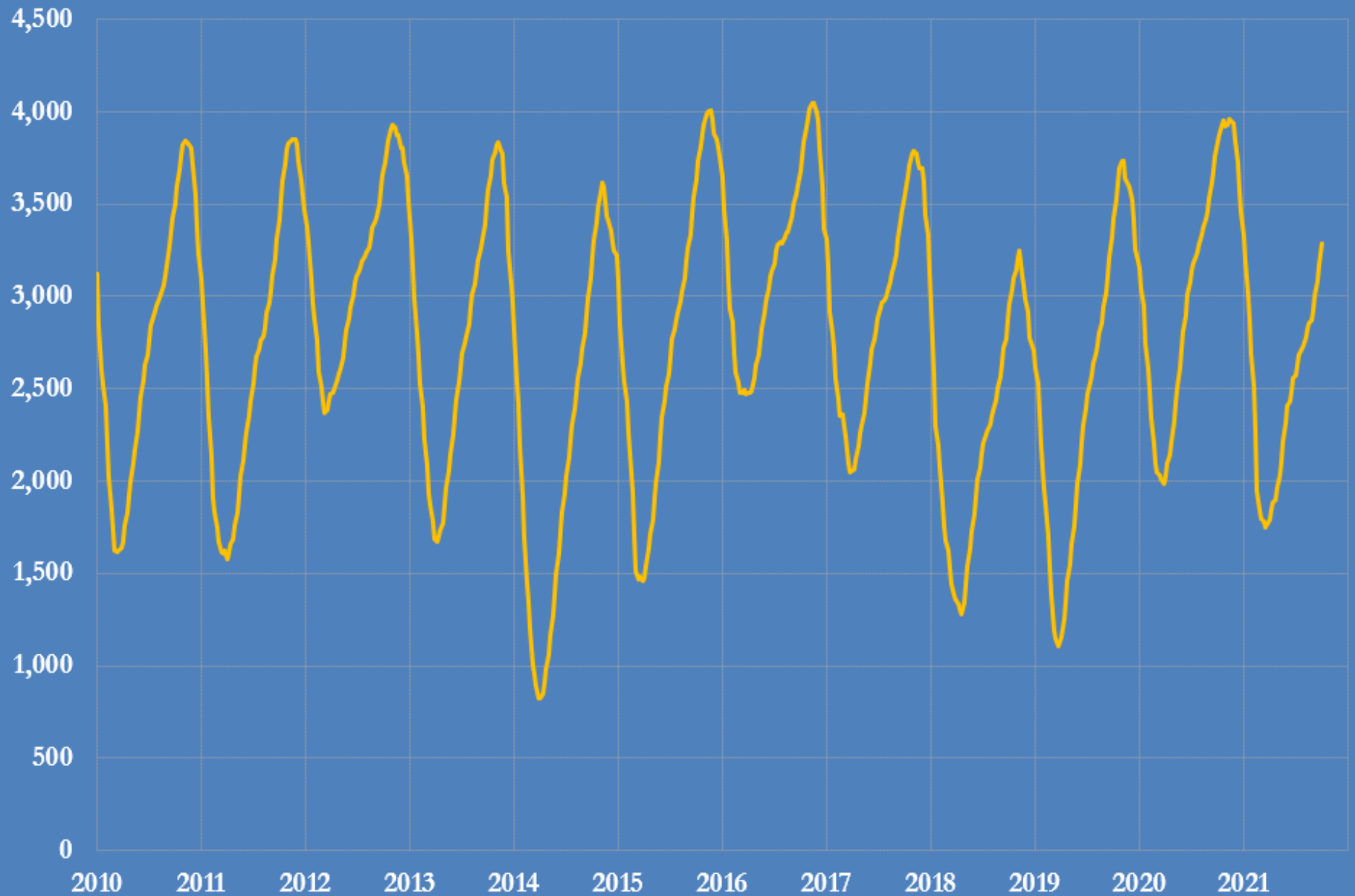
European natural gas storage, 2021

percentage points, surplus (+) or deficit (-) to five-year average



U.S. working gas stocks in underground storage, 2010-2021

weekly, billion cubic feet

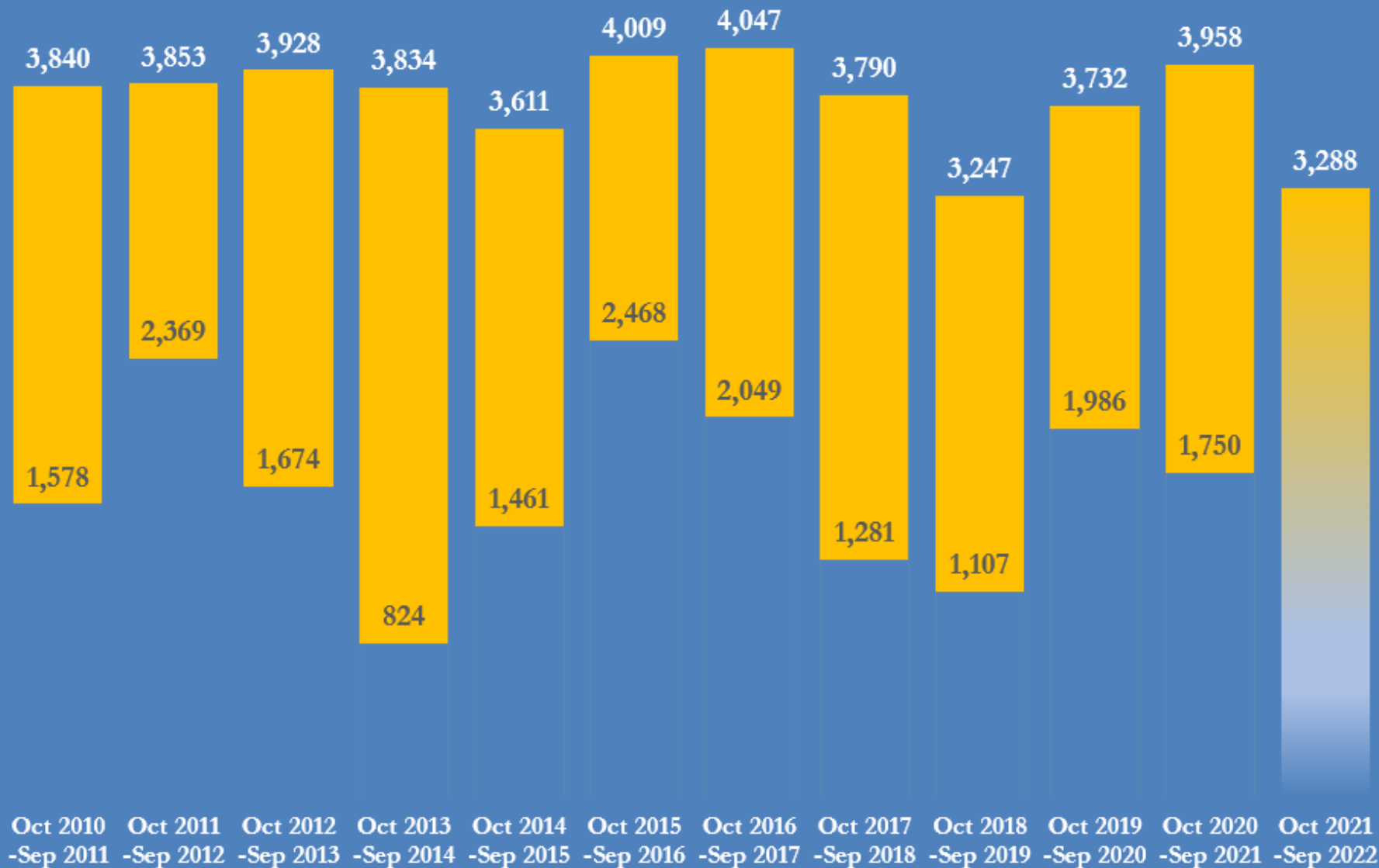


Source: U.S. Energy Information Administration

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U.S. working gas stocks in underground storage, 2010-2021

billion cubic feet, swing from maximum to minimum each year



Source: U.S. Energy Information Administration

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U.S. natural gas inventories, 2011-2021

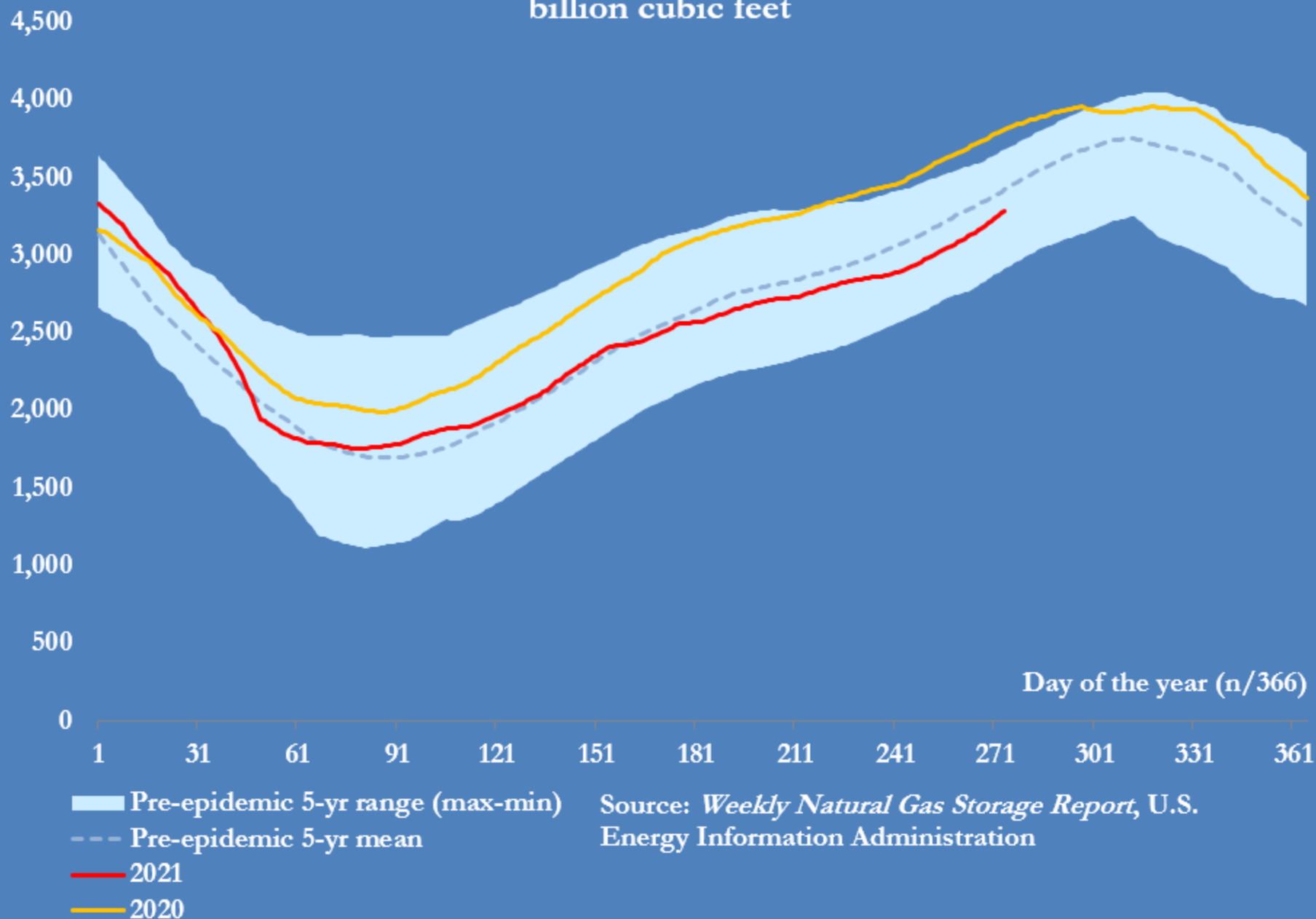
Working gas stocks in underground storage
billion cubic feet

	Oct 2010 -Sep 2011	Oct 2011 -Sep 2012	Oct 2012 -Sep 2013	Oct 2013 -Sep 2014	Oct 2014 -Sep 2015	Oct 2015 -Sep 2016	Oct 2016 -Sep 2017	Oct 2017 -Sep 2018	Oct 2018 -Sep 2019	Oct 2019 -Sep 2020	Oct 2020 -Sep 2021	Oct 2021 -Sep 2022
Maximum	3,840	3,853	3,928	3,834	3,611	4,009	4,047	3,790	3,247	3,732	3,958	3,288
Minimum	1,578	2,369	1,674	824	1,461	2,468	2,049	1,281	1,107	1,986	1,750	
Drawdown	-2,262	-1,484	-2,254	-3,010	-2,150	-1,541	-1,998	-2,509	-2,140	-1,746	-2,208	

	Previous 10 years			Previous 5 years		
Largest drawdown	-3,010			-2,509		
Smallest drawdown	-1,484			-1,746		
Average drawdown	-2,104			-2,120		

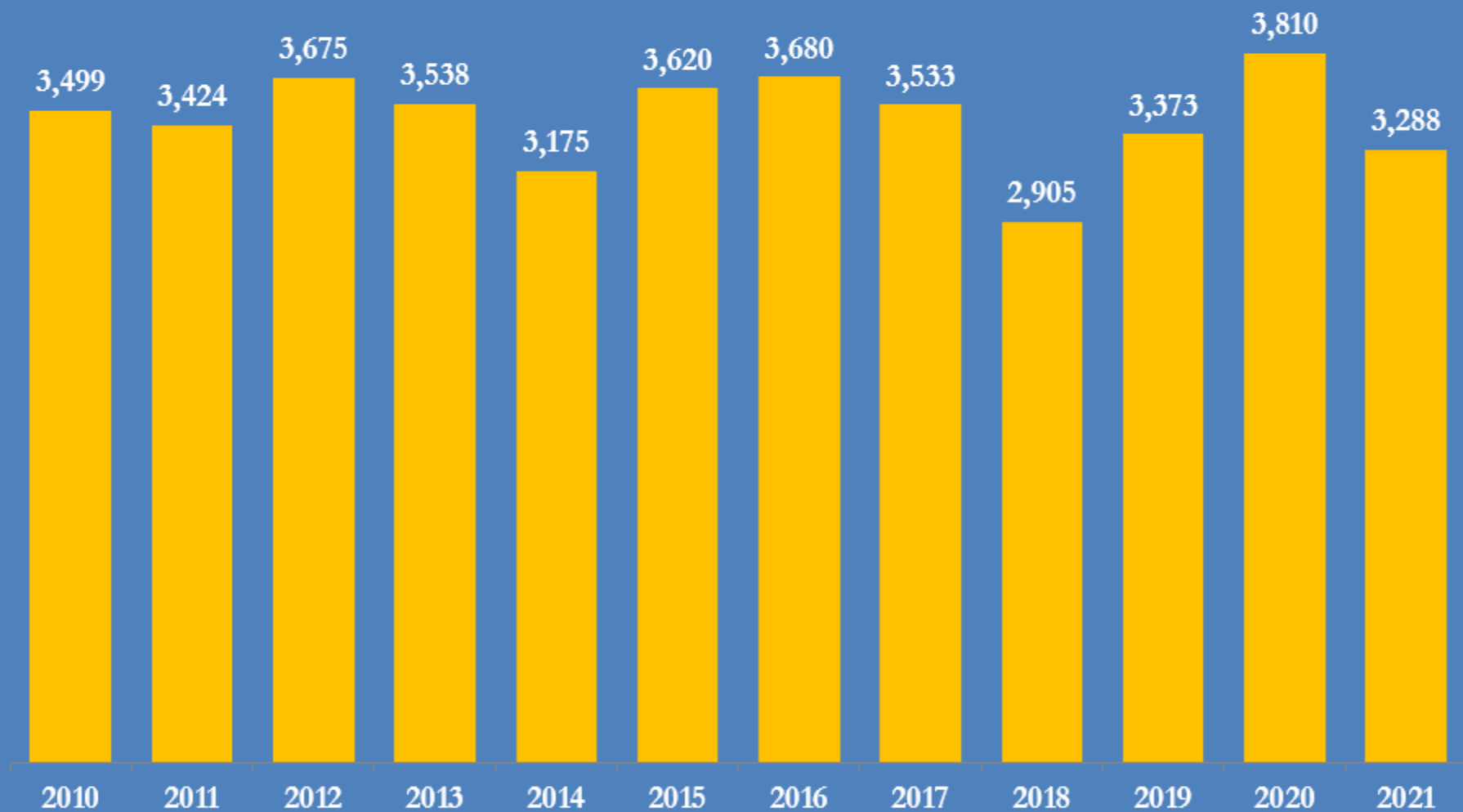
Source: U.S. Energy Information Administration
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U.S. working gas stocks in underground storage billion cubic feet



U.S. natural gas stocks on Oct 1 each year, 2010-2021

billion cubic feet

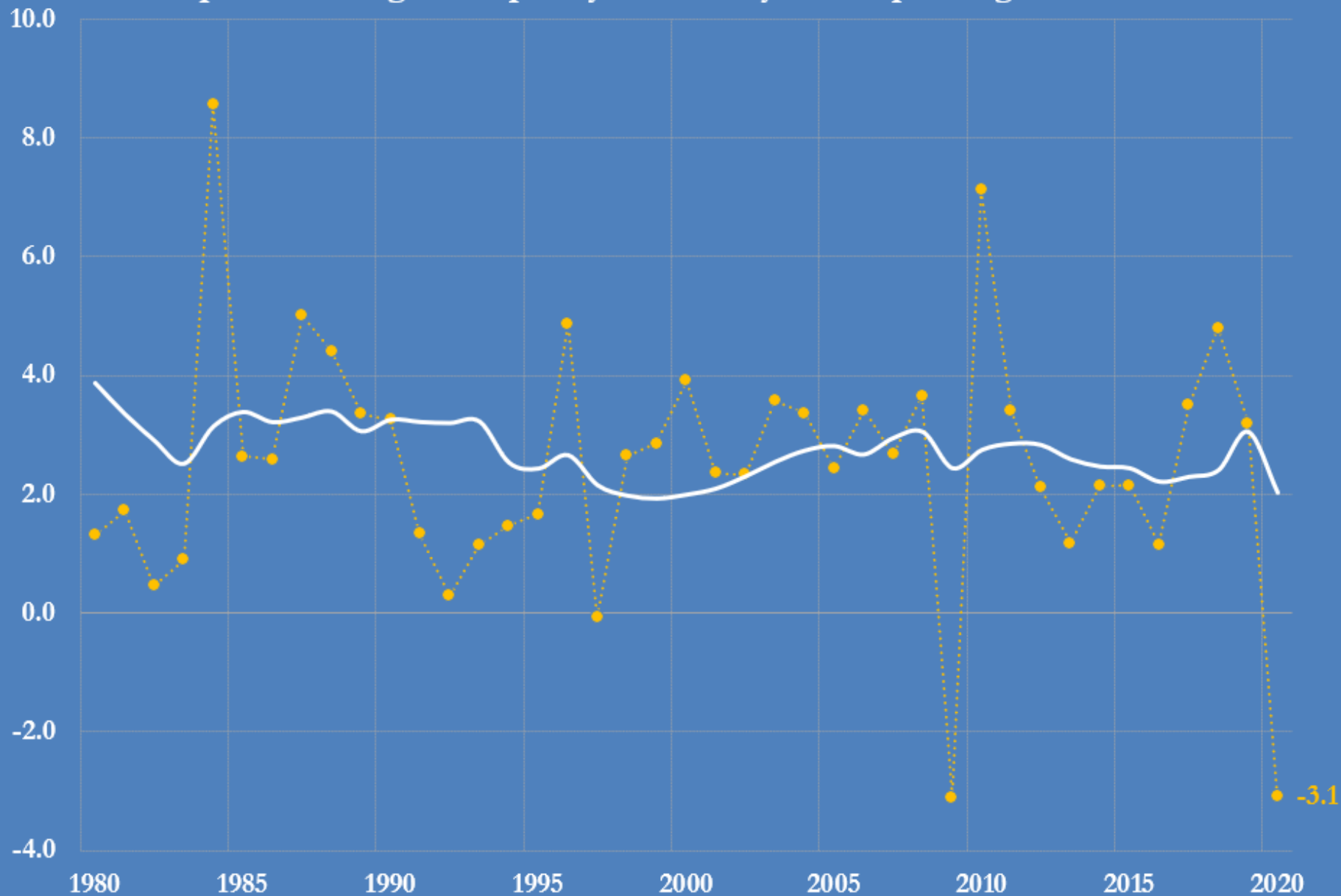


Source: US Energy Information Administration

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Global natural gas production, 1980-2020

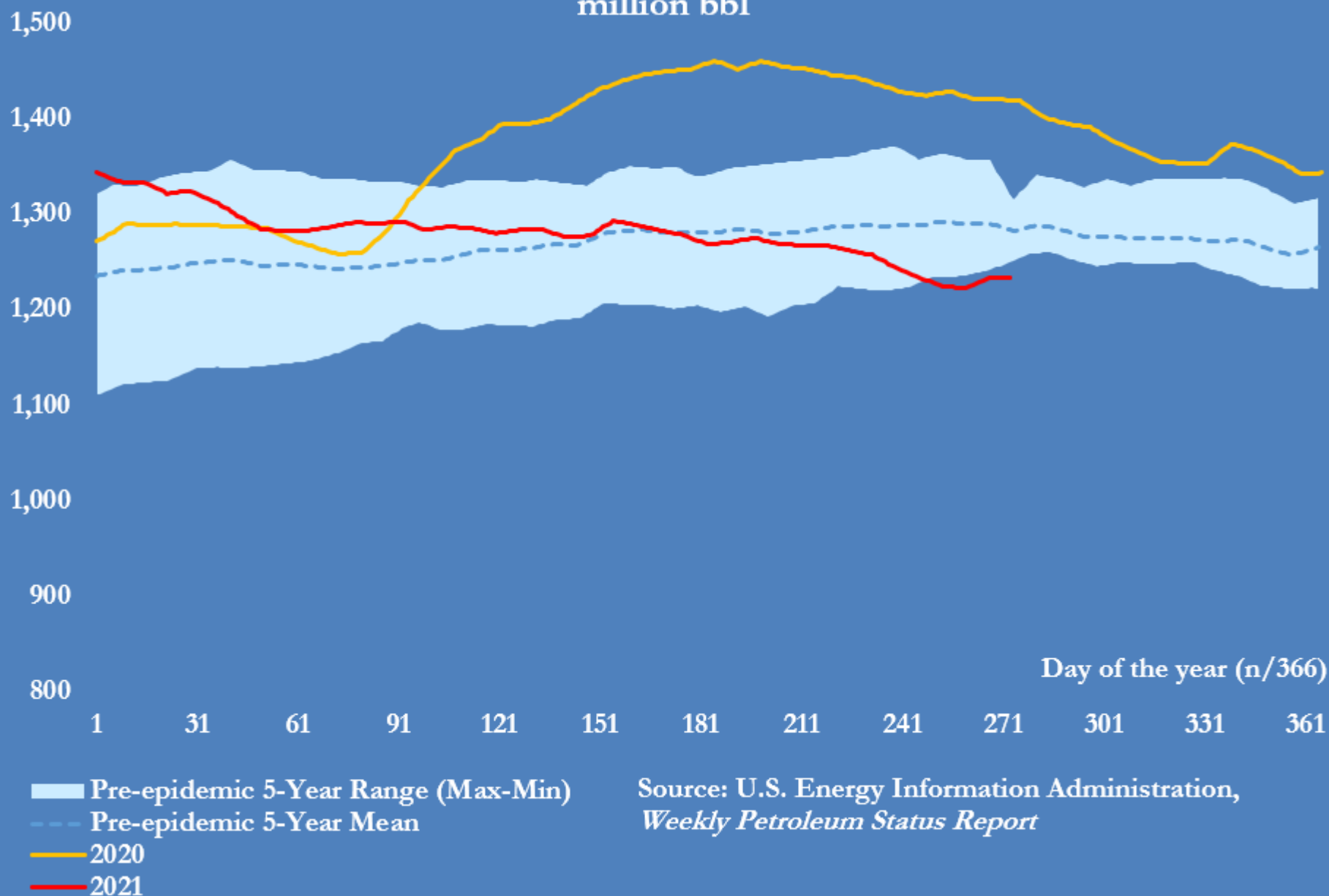
percent change from prior year and 10-year compound growth rate



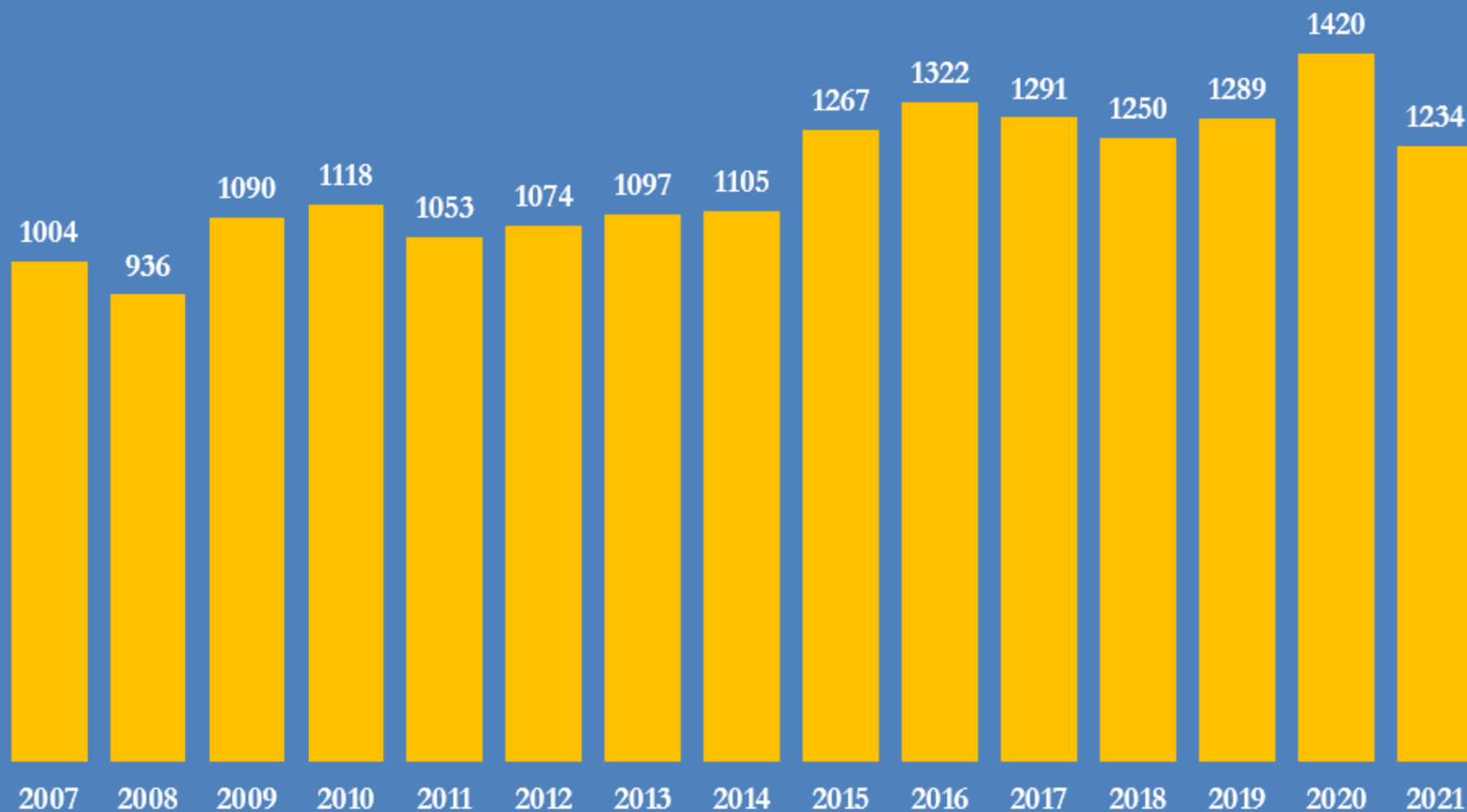
Source: BP Statistical Review of World Energy

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Total U.S. crude and petroleum product stocks excluding SPR million bbl



U.S. petroleum inventories excluding the strategic petroleum reserve
million barrels, stocks on Sep 24 each year between 2007 and 2021

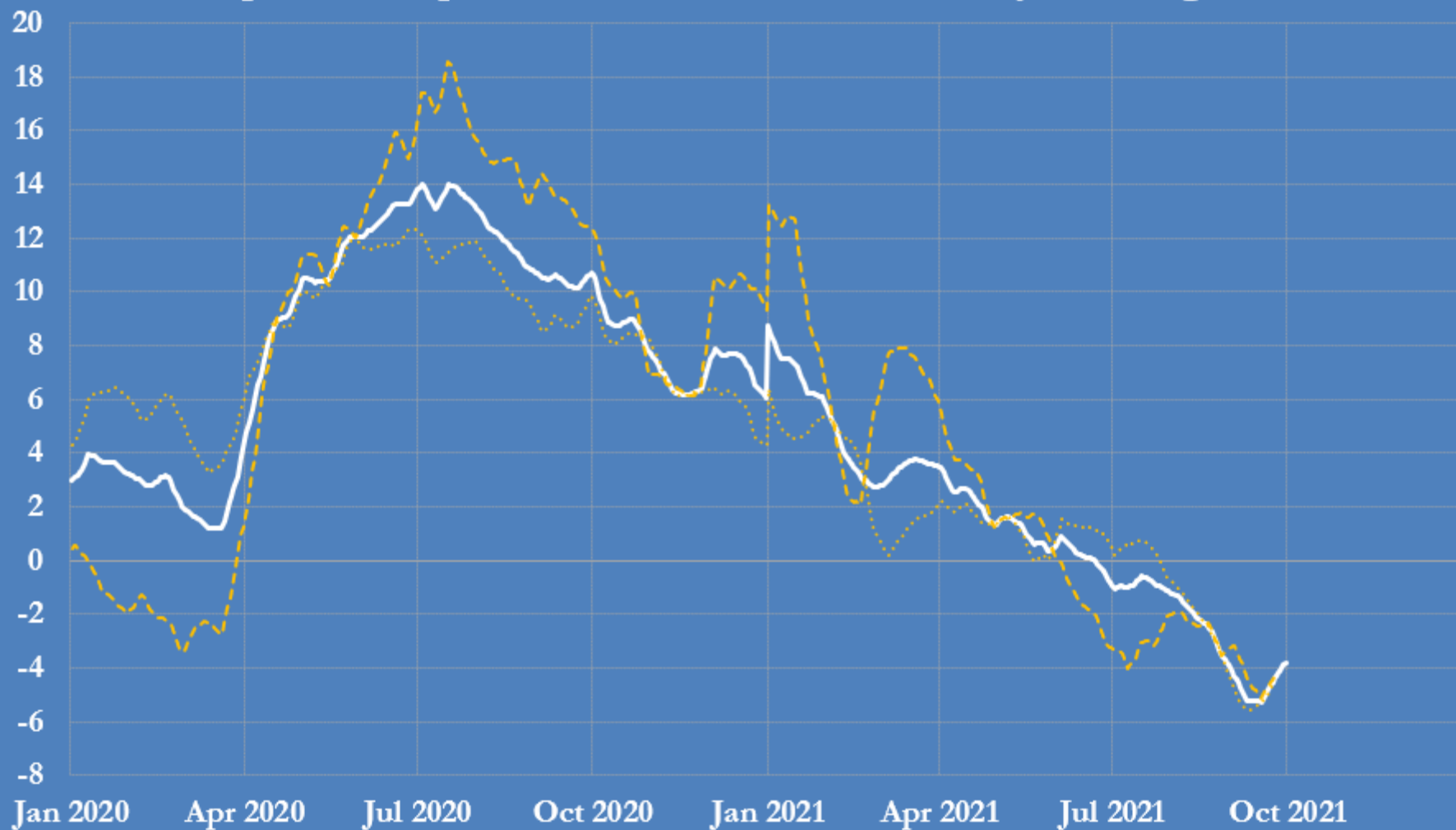


Source: U.S. Energy Information Administration

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U.S. petroleum inventories excluding the SPR, 2020-2021

percent, surplus or deficit to the 2015-2019 five-year average

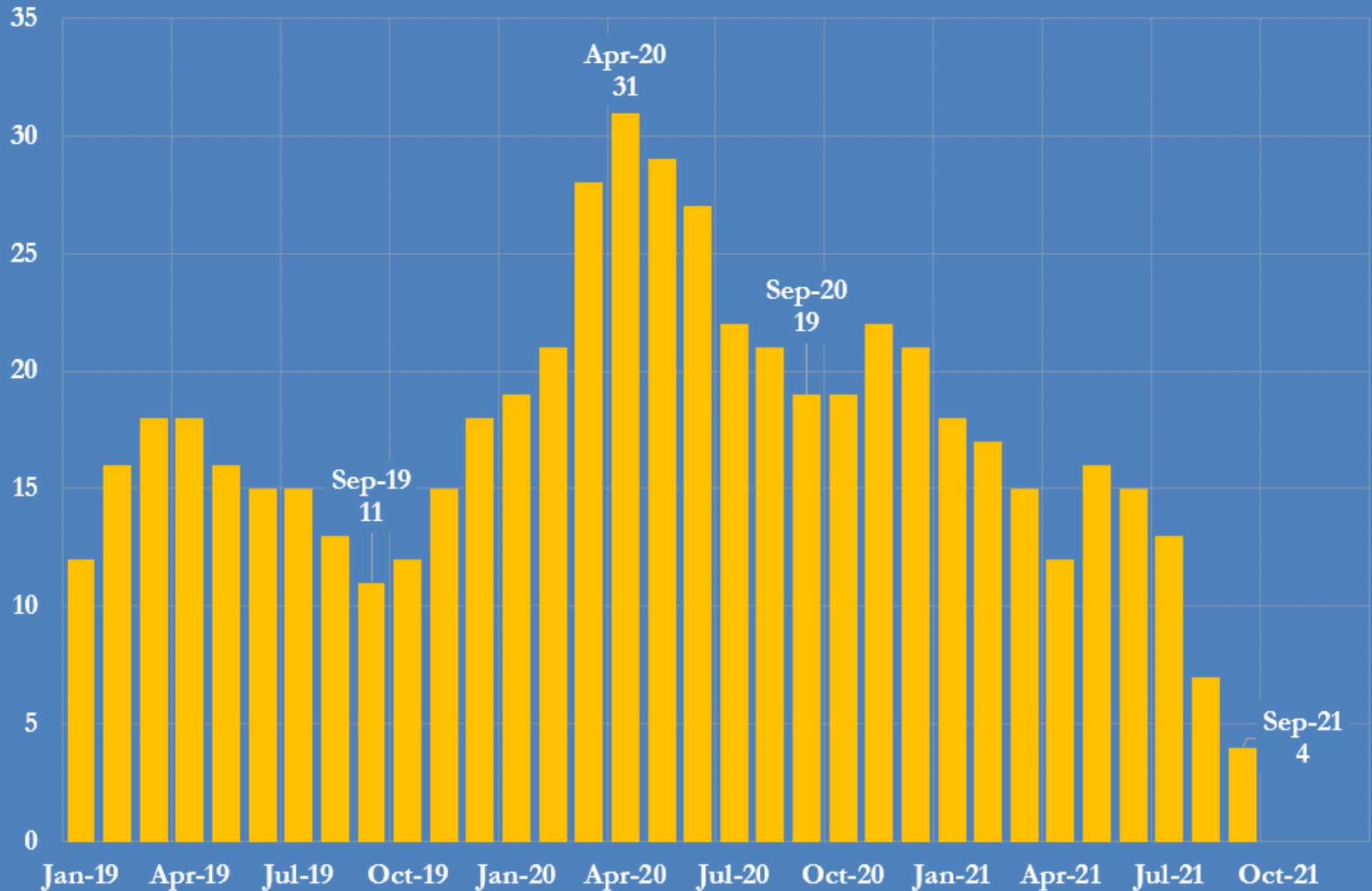


— Crude and products
- - - Crude
..... Products

Source: U.S. Energy Information Administration
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India coal stocks at power plants, 2019-2021

month-end, stocks in days of consumption



Source: India Central Electricity Authority / National Power Portal

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