

# China coal production and electricity generation

Selected indicators

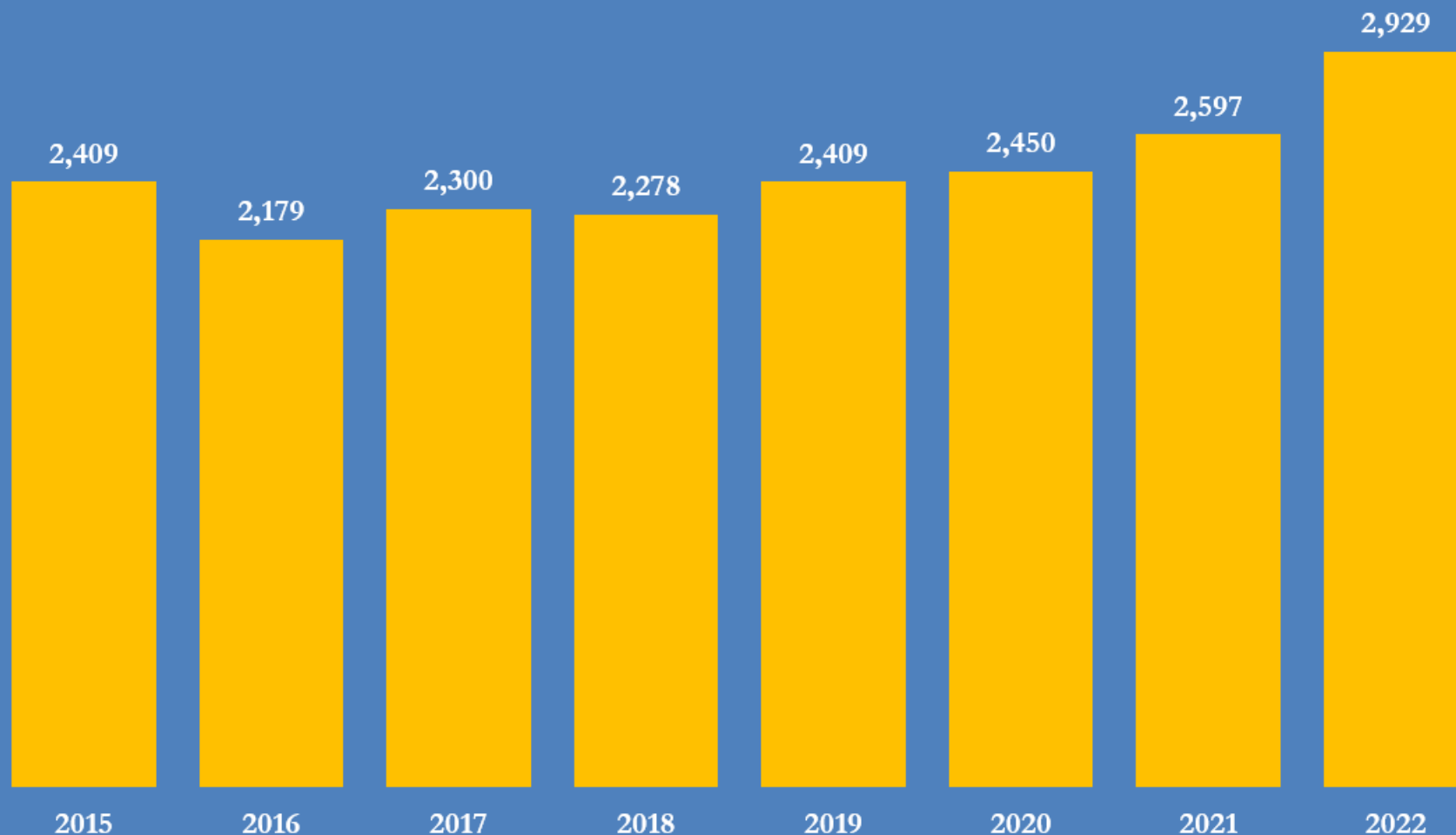
**JOHN KEMP**

**REUTERS**

20 September 2022

## China coal production, 2015-2022

million tonnes, cumulative production from January to August each year



Source: China National Bureau of Statistics

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China's electricity generation, 2014-2022

	Jan 2022- Aug 2022	Jan 2021- Aug 2021	Jan 2020- Aug 2020	Jan 2019- Aug 2019	Jan 2018- Aug 2018	Jan 2017- Aug 2017	Jan 2016- Aug 2016	Jan 2015- Aug 2015	Jan 2014- Aug 2014
Total generation (billion kWh)	5,598	5,389	4,773	4,703	4,480	4,166	3,877	3,738	3,620
Thermal	3,883	3,872	3,407	3,385	3,310	3,089	2,864	2,834	2,822
Hydro	852	762	763	781	716	702	716	640	601
Wind	437	365	270	233	213	172	136	108	89
Solar	154	120	95	79	57	41	25		
Nuclear	272	270	238	224	183	161	136	110	82
Percent growth from prior year	3.9	12.9	1.5	5.0	7.5	7.4	3.7	3.3	
Thermal	0	14	1	2	7	8	1	0	
Hydro	12	0	-2	9	2	-2	12	6	
Wind	20	35	15	10	24	26	26	21	
Solar	28	27	21	37	40	62			
Nuclear	1	13	6	22	14	18	24	35	
Percent of total	100	100	100	100	100	100	100	100	100
Thermal	69	72	71	72	74	74	74	76	78
Hydro	15	14	16	17	16	17	18	17	17
Wind	8	7	6	5	5	4	4	3	2
Solar	3	2	2	2	1	1	1	0	0
Nuclear	5	5	5	5	4	4	4	3	2

Source: China National Bureau of Statistics  
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# China total electrical generation, 2014-2022

Terawatt-hours, cumulative output from Jan to August each year



Source: China National Bureau of Statistics

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## China thermal power generation, 2014-2022

Terawatt-hours, cumulative output from January to August each year

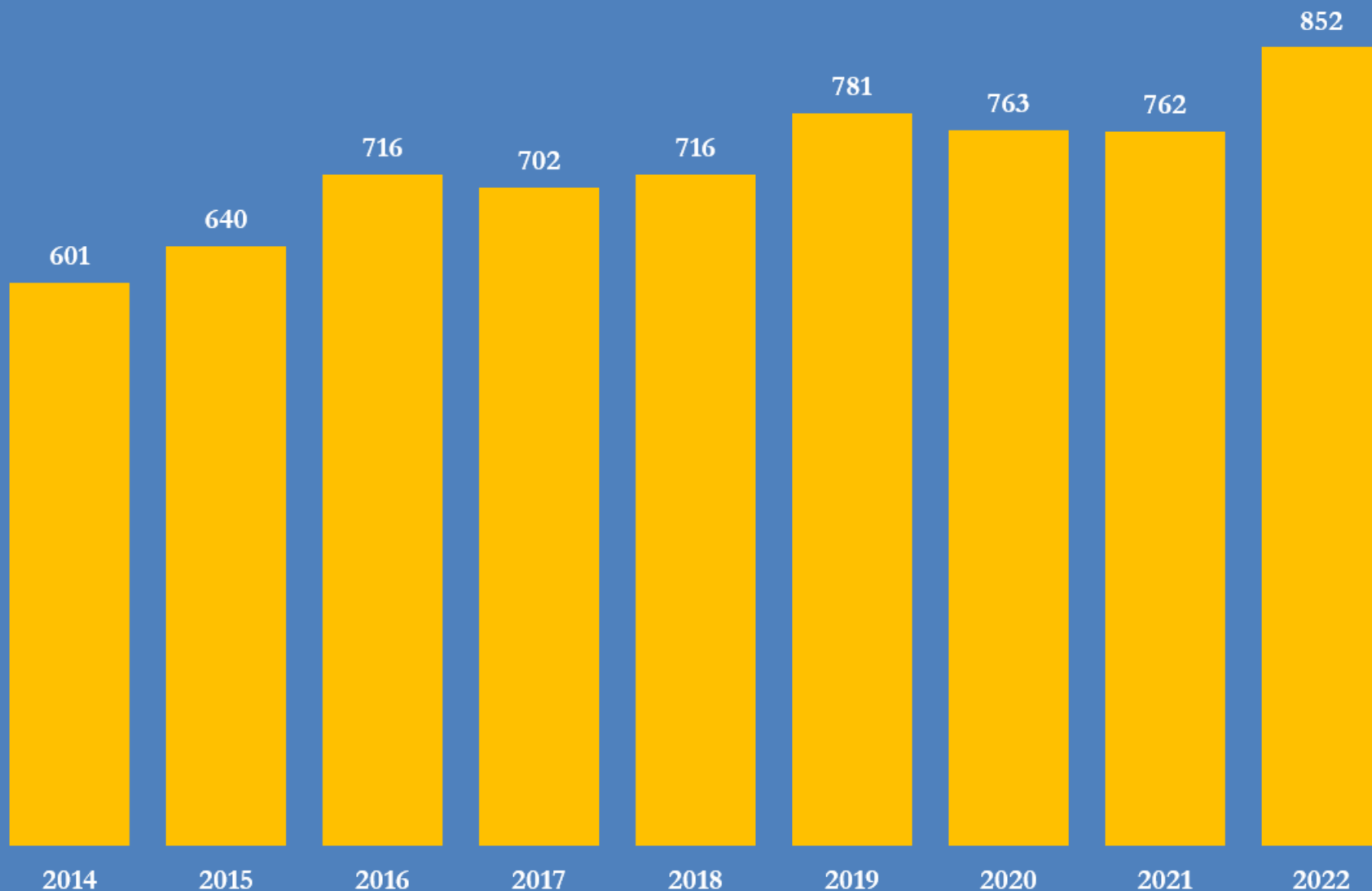


Source: China National Bureau of Statistics

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## China hydroelectric generation, 2014-2022

Terawatt-hours, cumulative output from January to August each year

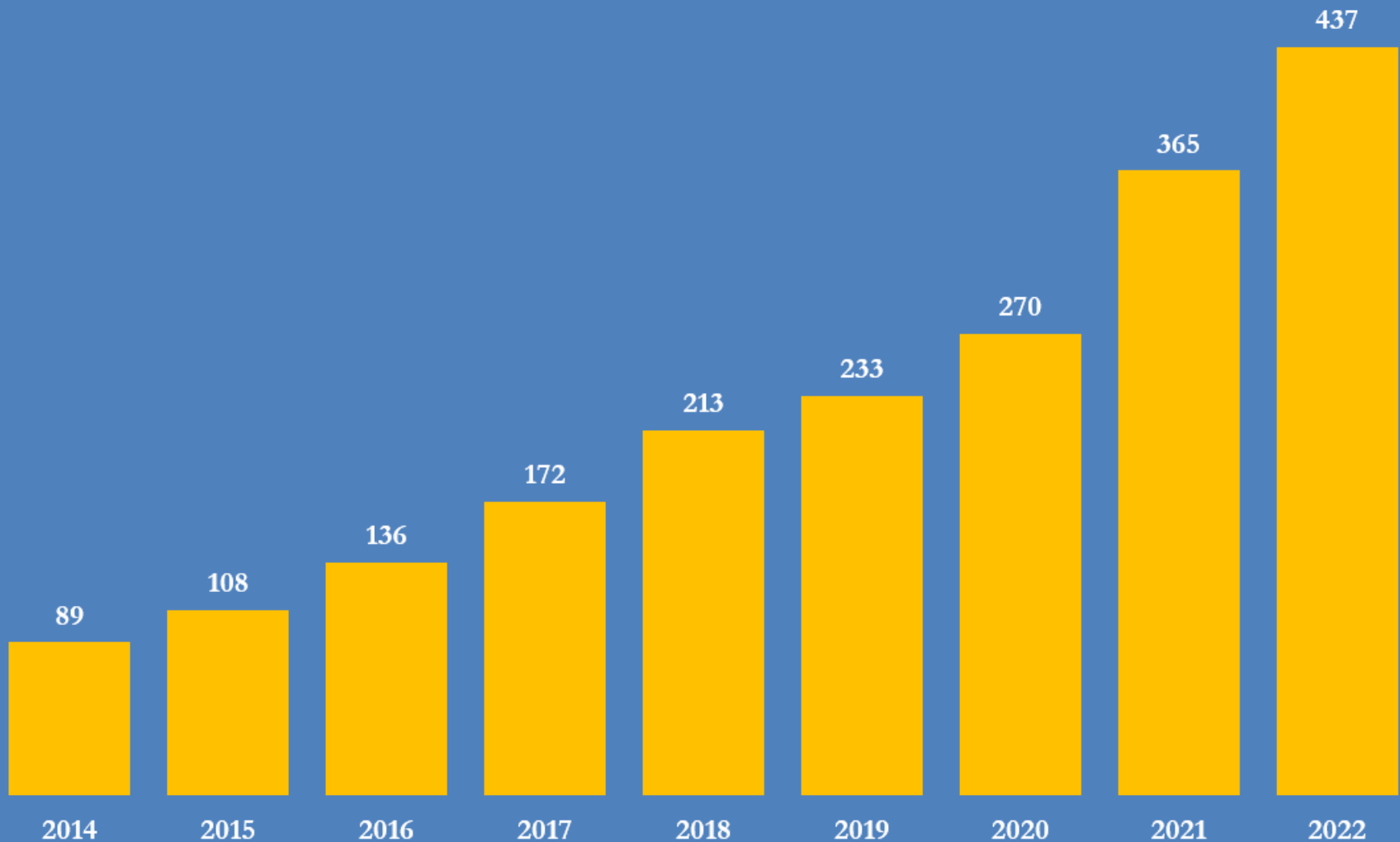


Source: China National Bureau of Statistics

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# China wind generation, 2014-2022

Terawatt-hours, cumulative output from January to August each year

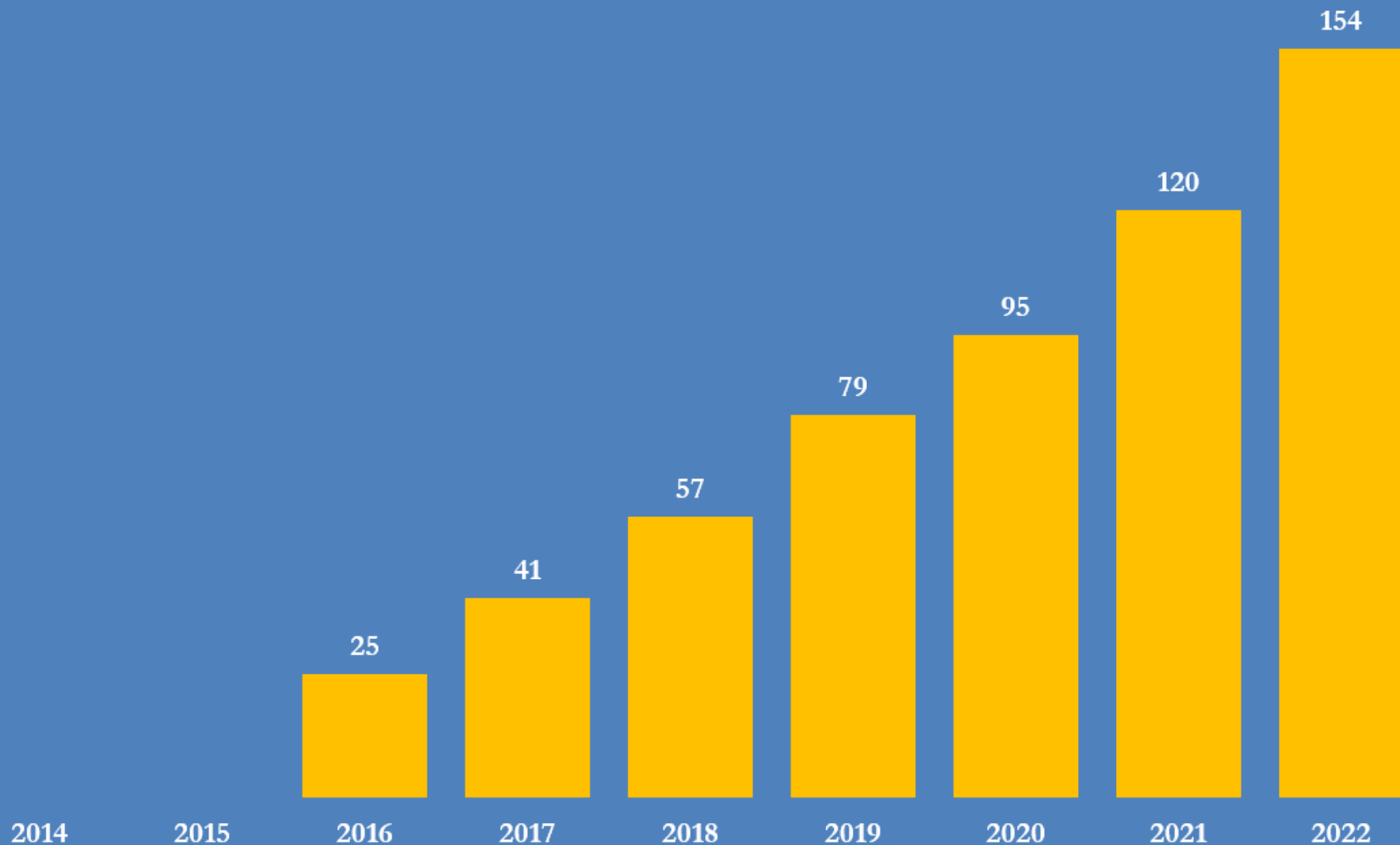


Source: China National Bureau of Statistics

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# China solar generation, 2014-2022

Terawatt-hours, cumulative output from January to August each year



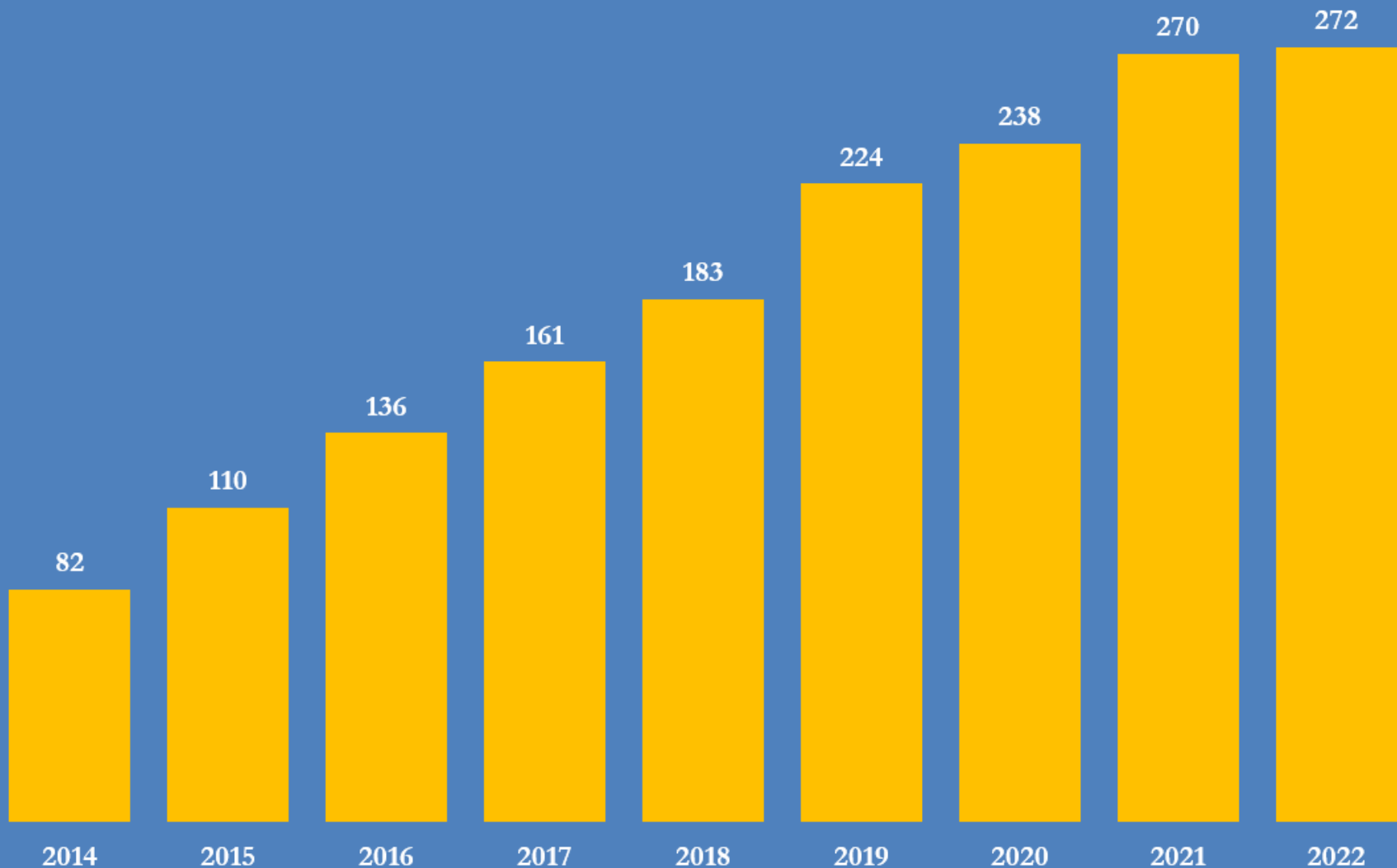
Source: China National Bureau of Statistics

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# China nuclear generation, 2014-2022

Terawatt-hours, cumulative output from January to August each year

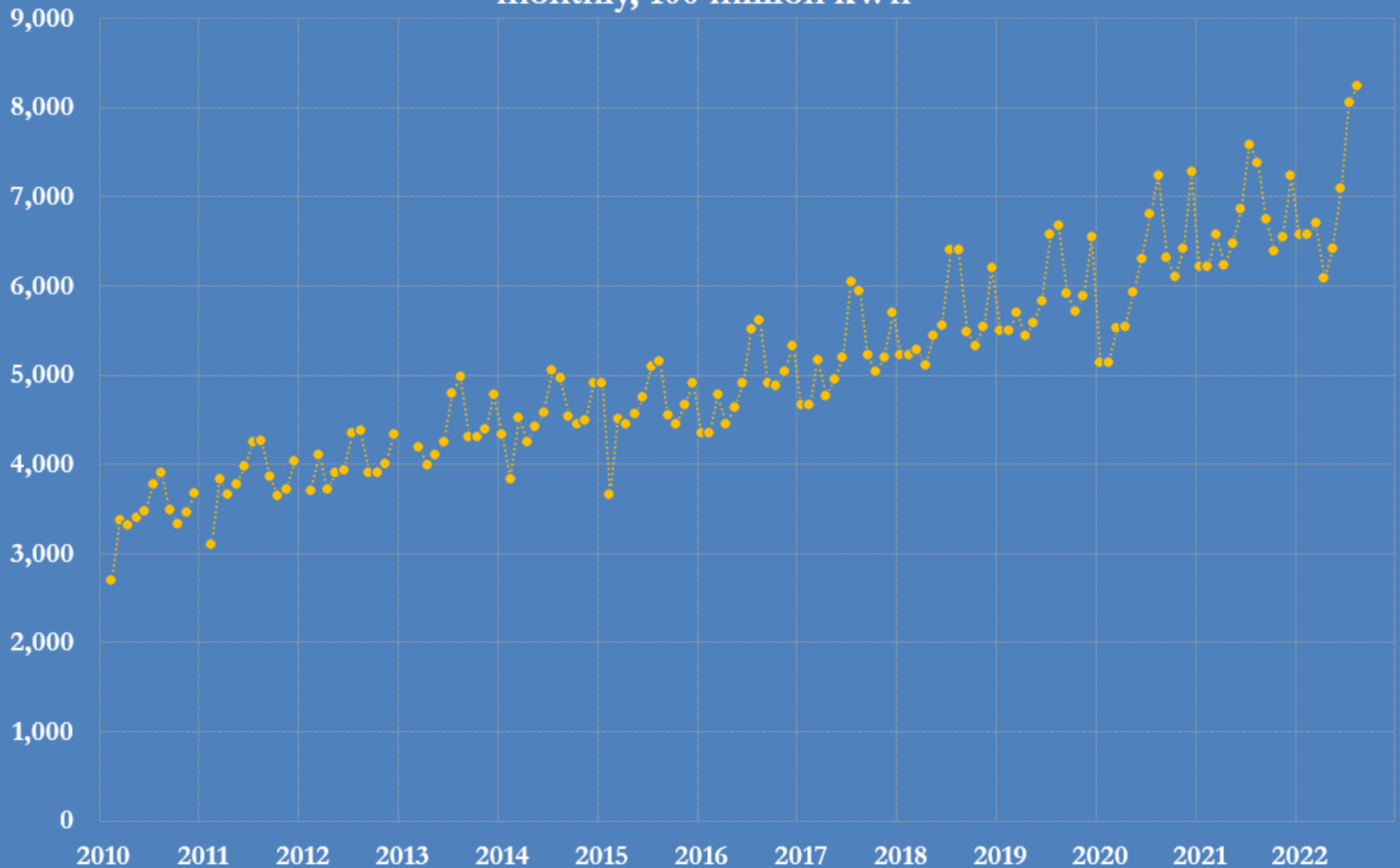


Source: China National Bureau of Statistics

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## China electricity output, 2010-2022

monthly, 100 million kWh

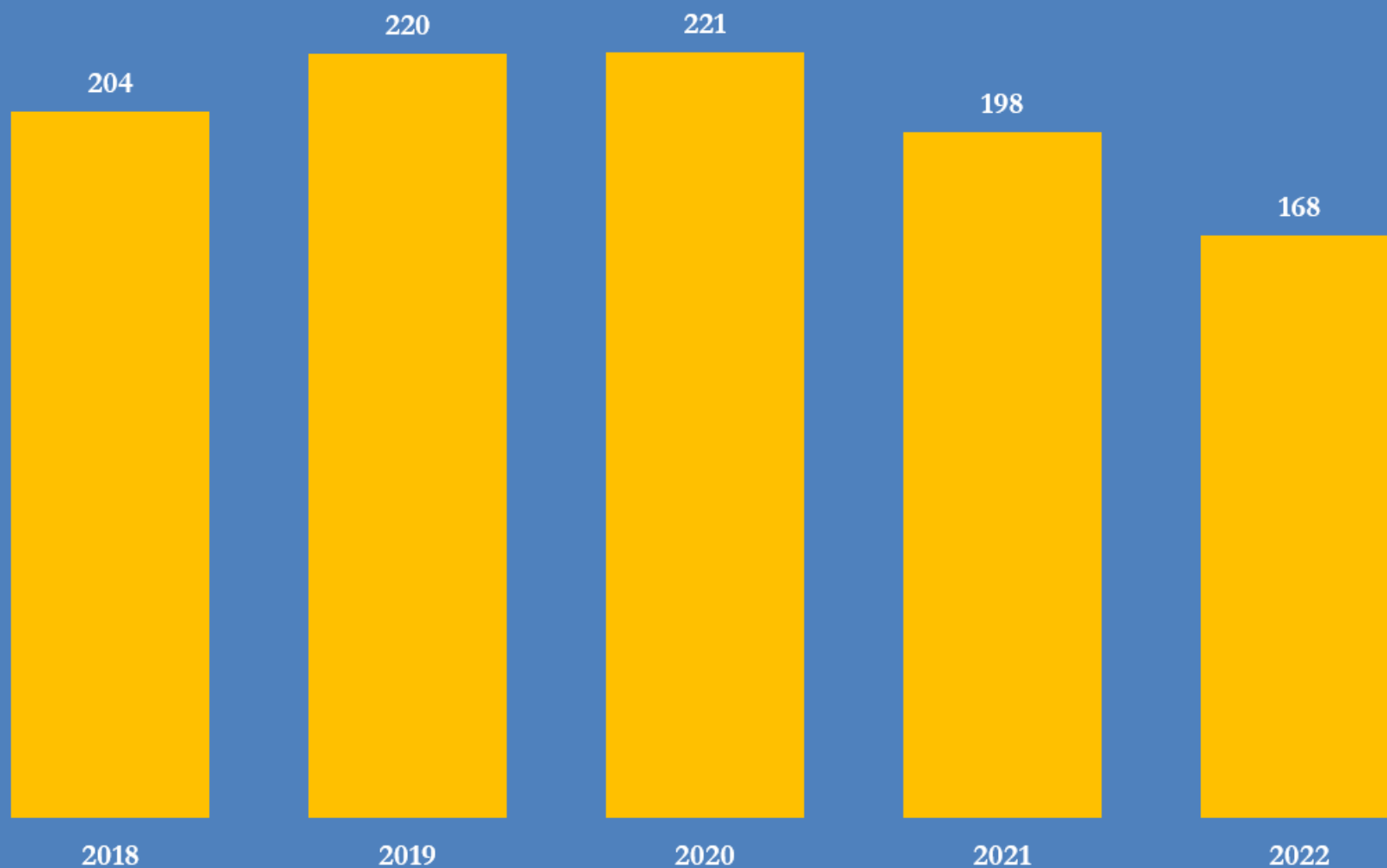


Source: China National Bureau of Statistics

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# China coal and lignite imports, 2018-2022

million tonnes, cumulative each year from January to August

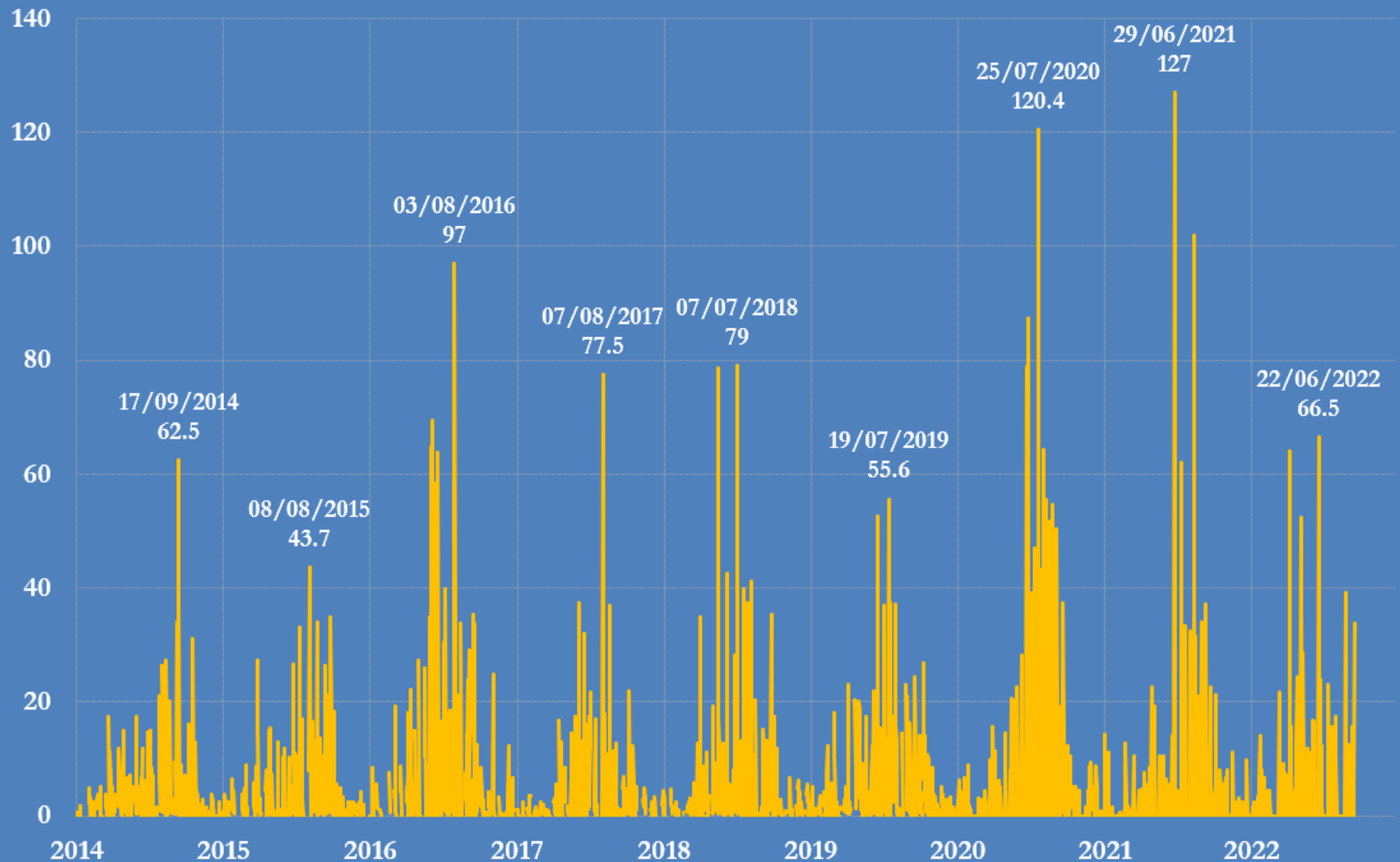


Source: General Administration of Customs

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# Precipitation at Xiangjiaba (Yunnan/Sichuan) China, 2014-2022

millimetres, daily

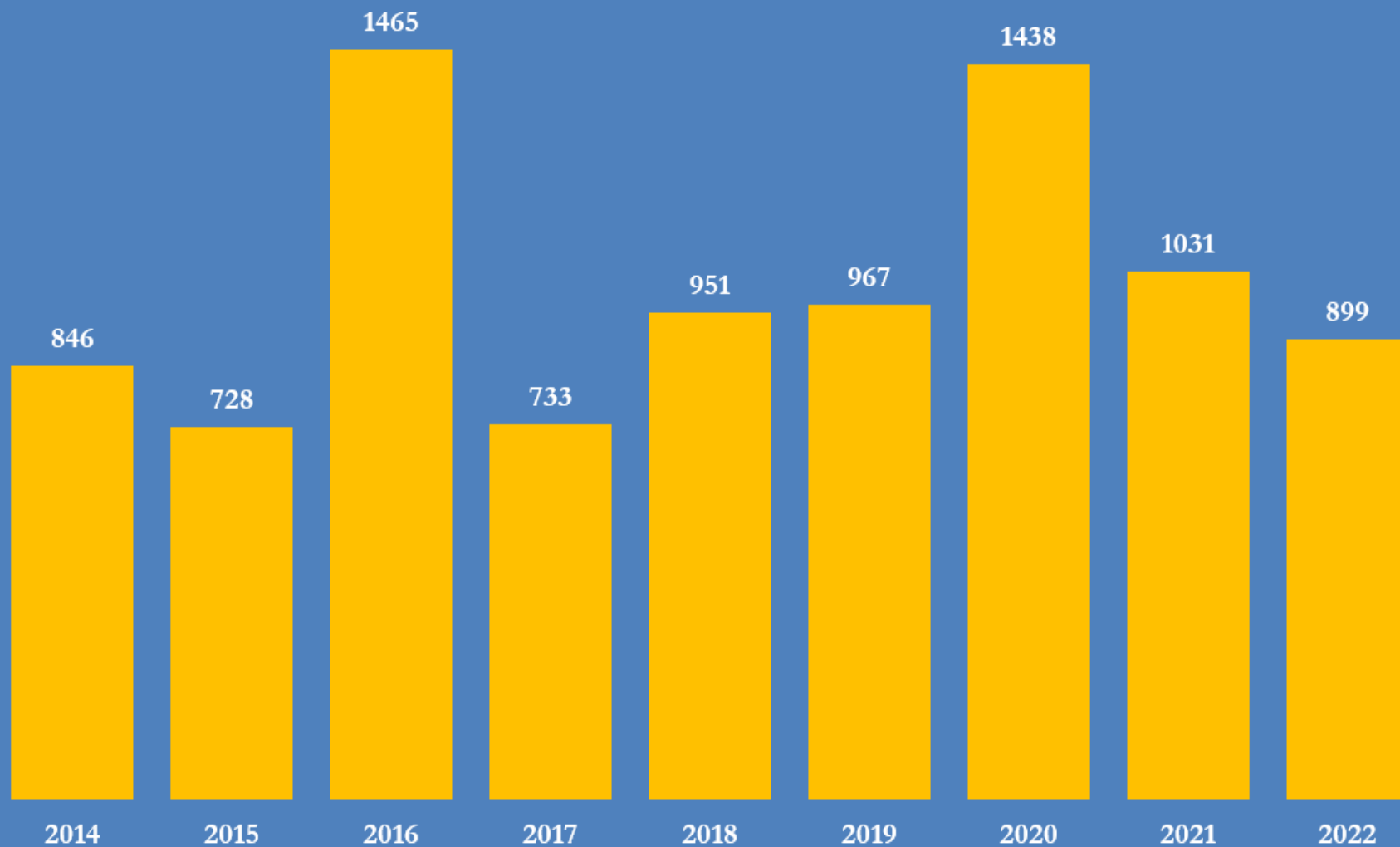


Source: Meteo Group

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# Precipitation at Xiangjiaba (China), 2014-2022

millimetres, cumulative each year from January 1 to September 19



Source: Meteo Group

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