



	570.4	556	14.4	2.59%
	71.34	74.34	-3	-4.04%
	80.43	84.16	-3.73	-4.43%
	9.09	9.82	-0.73	-7.43%
	0.16	0.08		

	10	11	12		
			350		
3					
4				74	/
WTI					
5			10 5	970	
			220	340	
	350				
6			42%		
		1110			6.5%
7	2018 9		2971		99.02
	100 /	9		2708	
90.2611	8		10.08%		90.74%
				4.19%	2.12%
8					
9			11 4		
11					
11			10		110
	9	160 /			
12			8	1610	0.9%
8	4889		0.4%	3.4%	3077 8
		5.9%	2841		2.7%

13						40%
		67.1				6%
						687
	75					
14			5		33	
	14		9		1060	8
	11		9		9	350
8		10	9			122
9		15		3307		6
	2017	7		8	18	
15			10			1070
			130			
16			9			1136
17	IEA					
IEA	2018	2019			11	/
136	/	IEA	5			128 /
		OPEC	5		73.5	/
					1	/
		2%				
18			9		3712	905 /
904	/		9			5
19						
3.7%		0.2%				
			4.2%		4%	0.6%

0.5%

2.9%

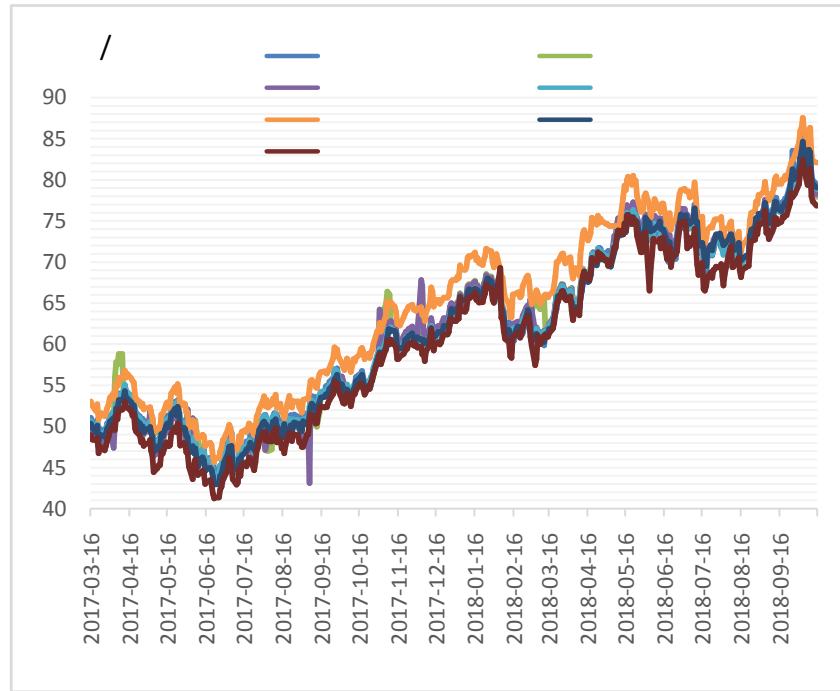
6.6%

2.5% 6.2%

1 WTI Brent

2

3 WTI

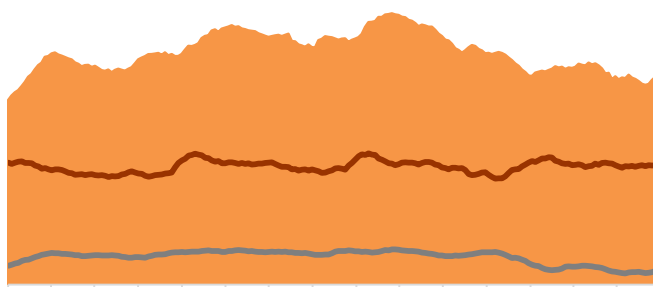


Bloomberg Wind

EIA	10	5	EIA	598.70
4.1		95.10		266.60
235.90		88.8%		1.6
		739.7		56.8
257.6			85.3	
	1120			10

6

7



8

9

Bloomberg

	(CFTC)	10	9
NYMEX	528051	20858	
	20782	105066	76

N

10WTI

11 WTI



273

021-68559999  
021-68550055

300

2603 2904  
021-68400688

3069

A 2908  
0755-82874655

67

D 705  
0411-84803386



69

1201  
0371-65613449

1287

A2506  
0562-5819717

