



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 02-May-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
May 2018	DAEU	Future	41	15.2498	15.1451	0.0000	0.0000	0	0.00		
			<u>41</u>					<u>0.00</u>	<u>0.00</u>	<u>790 899.00</u>	<u>11 804 604 189.10</u>
		<b>Total</b>	<b>41</b>					<b>0.00</b>	<b>0.00</b>	<b>1 737 686.00</b>	<b>11 804 604 189.10</b>
<b>Future</b>											
May 2018	DAGB	Future	11	17.3091	17.2279	0.0000	0.0000	0	0.00		
			<u>11</u>					<u>0.00</u>	<u>0.00</u>	<u>53 733.00</u>	<u>881 578 220.30</u>
		<b>Total</b>	<b>11</b>					<b>0.00</b>	<b>0.00</b>	<b>261 046.00</b>	<b>881 578 220.30</b>
<b>Future</b>											
May 2018	DAUS	Future	46,000	12.7106	12.4929	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.7175	12.4997	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	46,000	12.7345	12.5152	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	34,600	12.7362	12.5168	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	20,000	12.7413	12.5215	0.0000	0.0000	40,000	503,980,000.00		
May 2018	DAUS	Future	40,000	12.7481	12.5277	0.0000	0.0000	27,000	341,215,900.00		
May 2018	DAUS	Future	181	12.7515	12.5308	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	1,746	12.7649	12.5434	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	9,546	12.7849	12.5625	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	2,085	12.7999	12.5768	0.0000	0.0000	840	10,685,640.00		
Jul 2018	DAUS	Future	100	12.8049	12.5816	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.8340	12.6097	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.8405	12.6160	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.8421	12.6175	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	12.8453	12.6206	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	2,515	12.8518	12.6269	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.8727	12.6472	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	2,879	12.9018	12.6753	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.9469	12.7191	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.9905	12.7613	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>		
Oct 2018	DAUS	Future	225	12.9969	12.7675	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	1,643	13.0001	12.7707	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.0207	12.7907	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	1,212	13.0472	12.8168	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.1440	12.9118	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.1639	12.9314	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,225	13.1867	12.9539	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.2278	12.9945	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,225	13.2795	13.0455	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.0024	13.7714	0.0000	0.0000	0	0.00		
			<u>306,181</u>					<u>67,840.00</u>	<u>855,881,540.00</u>	<u>9 730 041.00</u>	<u>118 064 105 422.20</u>

Option

May 2018	DAUS	12.25 Call	20,000	458.2116	248.3470	0.0000	0.0000	0	0.00
May 2018	DAUS	12.40 Call	35,311	311.5372	126.0414	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	711.1127	496.0433	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	612.0395	399.5919	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	120.1741	273.0836	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1146.4420	1363.5831	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.0621	0.1169	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	145.4673	289.5527	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	1777.5653	1995.7589	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.0962	0.1630	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	0.0000	0.0004	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	0.5355	1.2390	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	535.4318	335.2976	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	3.6885	10.2259	0.0000	0.0000	0	0.00
May 2018	DAUS	11.95 Call	30,000	788.0881	572.8405	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	30,000	740.6742	528.1524	0.0000	0.0000	0	0.00
May 2018	DAUS	12.37 Call	30,000	412.7851	246.2382	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Call	80,000	253.5021	0.0000	0.0000	0.0000	80,000	0.00
May 2018	DAUS	12.45 Call	40,000	367.0543	214.9130	0.0000	0.0000	0	0.00
May 2018	DAUS	12.46 Call	30,000	359.9263	209.5821	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Put	270	126.8493	0.0000	0.0000	0.0000	270	0.00
May 2018	DAUS	12.69 Call	270	228.6312	0.0000	0.0000	0.0000	270	0.00
May 2018	DAUS	13.80 Put	1,000	1061.0693	1273.3314	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.3281	0.2196	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.2710	0.2101	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	209.5893	117.2887	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1053.5516	1252.2385	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	2.1481	1.6030	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.9726	1.5968	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	17.6842	0.0000	0.0000	0.0000	2,000	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>		
Jul 2018	DAUS	12.50 Put	2,000	148.2902	0.0000	0.0000	0.0000	2,000	0.00		
Jul 2018	DAUS	13.12 Call	2,000	175.4934	0.0000	0.0000	0.0000	2,000	0.00		
Jul 2018	DAUS	12.07 Put	2,000	46.5969	74.8287	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	88.8689	51.3784	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	72.1634	41.2202	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	1647.1851	1853.2156	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	5.0173	3.2648	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1055.3705	1239.6024	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	7.3618	4.0879	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	4.0313	2.7041	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	135.4519	188.7435	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1107.9596	1292.4785	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	5.6688	3.2805	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1060.6620	1234.2548	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	12.0149	6.3510	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	5.4275	2.8125	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1064.7656	1230.4842	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	16.0914	7.2313	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	7.0806	2.8188	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1068.9951	1226.6520	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	31.3519	18.8379	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	20.0388	10.1358	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	101.1286	127.9576	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1116.6383	1276.0868	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	27.1554	14.5198	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	16.5316	19.2079	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	71.4056	86.0805	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	465.9550	355.5422	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1076.0093	1226.6580	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	44.0804	29.3685	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	27.4030	15.6681	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	966.3908	1106.8867	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	90.2531	64.2775	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1080.8564	1225.1282	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	55.1825	36.1958	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	33.2643	19.7655	0.0000	0.0000	0	0.00		
			<u>823,517</u>					<u>86,540.00</u>	<u>0.00</u>	<u>18 498 245.00</u>	<u>0.00</u>
		<b>Total</b>	<b>1,129,698</b>					<b>154,380.00</b>	<b>855,881,540.00</b>	<b>28 228 286.00</b>	<b>118 064 105 422.20</b>

**Option**

May 2018	DAYJ	8.94 Call	100,000	1.6066	66.5225	0.0000	0.0000	0	0.00
Jun 2018	DAYJ	8.34 Put	110,000	1190.0867	928.9023	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			210,000					0.00	0.00	200 000.00	0.00	
		<b>Total</b>	<b>210,000</b>					<b>0.00</b>	<b>0.00</b>	200 000.00	0.00	
<b>Future</b>												
	Jun 2018	EUUS	Future	120	1.1996	1.2122	1.2066	1.2014	60	722,850.00		
				120					60.00	722,850.00	703 938.00	7 971 149 412.00
		<b>Total</b>	<b>120</b>					<b>60.00</b>	<b>722,850.00</b>	703 938.00	7 971 149 412.00	
<b>Future</b>												
	Sep 2018	JYZA	Future	283	8.4287	8.5315	0.0000	0.0000	0	0.00		
				283					0.00	0.00	18 783.00	186 145 988.86
<b>Option</b>												
	Jun 2018	JYZA	8.89 Put	1,200	3654.4207	2978.3613	0.0000	0.0000	0	0.00		
				1,200					0.00	0.00	25 800.00	0.00
		<b>Total</b>	<b>1,483</b>					<b>0.00</b>	<b>0.00</b>	44 583.00	186 145 988.86	
<b>Future</b>												
	Jun 2018	ZAAD	Future	13,777	9.5771	9.4787	9.5518	9.5176	123	1,171,116.20		
	Sep 2018	ZAAD	Future	850	9.6954	9.5928	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	11,312	9.8092	9.7050	0.0000	0.0000	0	0.00		
				25,939					123.00	1,171,116.20	3 613 670.00	31 293 125 783.70
		<b>Total</b>	<b>25,939</b>					<b>123.00</b>	<b>1,171,116.20</b>	3 646 047.00	31 293 125 783.70	
<b>Future</b>												
	Jun 2018	ZACA	Future	1,500	9.9551	9.8108	0.0000	0.0000	0	0.00		
				1,500					0.00	0.00	131 193.00	1 288 920 267.10
		<b>Total</b>	<b>1,500</b>					<b>0.00</b>	<b>0.00</b>	131 193.00	1 288 920 267.10	
<b>Future</b>												
	Jun 2018	ZAEU	Future	116,197	15.3329	15.2240	15.3419	15.2584	2,761	42,249,767.90		
	Sep 2018	ZAEU	Future	57,507	15.6223	15.5091	15.6390	15.5757	2,058	32,079,836.40		
	Dec 2018	ZAEU	Future	7,625	15.9104	15.7944	15.9093	15.9093	500	7,954,650.00		
	Mar 2019	ZAEU	Future	4,686	16.2261	16.1074	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.4923	16.3725	0.0000	0.0000	0	0.00		
				191,271					5,319.00	82,284,254.30	14 494 443.00	206 360 997 617.10
<b>Option</b>												
	Jun 2018	ZAEU	13.50 Put	29,734	3.1098	2.9523	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,995	6.2171	5.7870	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	10.0321	8.8532	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	17.9504	15.7741	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	1052.8604	941.5692	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jun 2018	ZAEU	14.40 Call	10,000	957.6292	845.8906	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.00 Call	3,000	465.4967	378.7058	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	236.6469	274.4112	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.63 Call	29,734	170.9030	125.7766	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.00 Call	3,000	89.4987	61.6355	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1142.9704	1237.9223	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	1.7898	1.3685	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	0.8980	0.4919	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	15.7499	12.0350	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,824	48.3832	47.1883	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	639.1104	683.0063	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	185.6757	147.2271	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	19.2814	13.7428	0.0000	0.0000	0	0.00	
			<u>607,507</u>					<u>0.00</u>	<u>0.00</u>	<u>7 917 269.00</u>
		<b>Total</b>	<b>798,778</b>					<b>5,319.00</b>	<b>82,284,254.30</b>	<b>22 411 712.00</b>
										<b>206 360 997 617.10</b>
<b>Future</b>										
Jun 2018	ZAFR	Future	1,215	12.8482	12.7385	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>609 303.00</u>
		<b>Total</b>	<b>1,215</b>					<b>0.00</b>	<b>0.00</b>	<b>6 506 705 521.30</b>
										<b>609 303.00</b>
										<b>6 506 705 521.30</b>
<b>Future</b>										
Jun 2018	ZAGB	Future	432,209	17.4175	17.3310	17.4115	17.3213	23,169	402,618,978.10	
Sep 2018	ZAGB	Future	17,994	17.6958	17.6050	17.6735	17.6735	500	8,836,750.00	
Dec 2018	ZAGB	Future	6,227	17.9661	17.8729	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	4,932	18.2555	18.1602	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.5234	18.4275	0.0000	0.0000	0	0.00	
			<u>466,827</u>					<u>23,669.00</u>	<u>411,455,728.10</u>	<u>10 766 734.00</u>
										<u>180 328 433 535.10</u>
<b>Option</b>										
Jun 2018	ZAGB	17.50 Put	500	402.7550	438.9589	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	4.8540	3.2883	0.0000	0.0000	0	0.00	
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1 774 113.00</u>
		<b>Total</b>	<b>467,827</b>					<b>23,669.00</b>	<b>411,455,728.10</b>	<b>12 540 847.00</b>
										<b>180 328 433 535.10</b>
<b>Future</b>										
Jun 2018	ZAJY	Future	8,296	0.1165	0.1151	0.0000	0.0000	0	0.00	
			<u>8,296</u>					<u>0.00</u>	<u>0.00</u>	<u>978 643.00</u>
		<b>Total</b>	<b>8,296</b>					<b>0.00</b>	<b>0.00</b>	<b>10 906 872 238.10</b>
										<b>978 643.00</b>
										<b>10 906 872 238.10</b>
<b>Future</b>										
Jun 2018	ZAKS	Future	1,145	0.1267	0.1241	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Sep 2018	ZAKS	Future	562	0.1262	0.1232	0.0000	0.0000	0	0.00		
			<u>1,707</u>					0.00	0.00	31 923.00	432 652 210.00
		<b>Total</b>	<b>1,707</b>					<b>0.00</b>	<b>0.00</b>	31 923.00	432 652 210.00
<b>Future</b>											
Jun 2018	ZATR	Future	3,940	3.0192	3.0447	0.0000	0.0000	0	0.00		
			<u>3,940</u>					0.00	0.00	258 929.00	923 231 285.50
		<b>Total</b>	<b>3,940</b>					<b>0.00</b>	<b>0.00</b>	258 929.00	923 231 285.50
<b>Future</b>											
Jun 2018	ZAUM	Future	377	12.7816	12.5593	12.7088	12.6388	20	25,376,600.00		
Sep 2018	ZAUM	Future	52	12.9292	12.7019	12.8502	12.8380	30	38,536,050.00		
Dec 2018	ZAUM	Future	10	13.0691	12.8382	0.0000	0.0000	0	0.00		
			<u>439</u>					50.00	63,912,650.00	149 576.00	172 211 638 000.00
		<b>Total</b>	<b>439</b>					<b>50.00</b>	<b>63,912,650.00</b>	154 099.00	172 211 638 000.00
<b>Future</b>											
Jun 2018	ZAUS	Future	1,127,313	12.7816	12.5593	12.7966	12.6388	124,005	1,572,150,132.10		
Sep 2018	ZAUS	Future	89,513	12.9292	12.7019	12.9300	12.7964	6,715	86,138,848.00		
Dec 2018	ZAUS	Future	24,231	13.0691	12.8382	12.9947	12.9333	755	9,789,628.00		
Mar 2019	ZAUS	Future	3,498	13.2141	12.9809	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	Future	3,087	13.3473	13.1144	0.0000	0.0000	0	0.00		
			<u>1,247,642</u>					131,475.00	1,668,078,608.10	172 430 099.00	2 032 977 116 168.30
<b>Option</b>											
Jun 2018	ZAUS	11.00 Put	60,750	0.8212	1.3576	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.20 Put	2,550	1.6184	2.7660	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.35 Call	10,000	1434.2753	1213.9029	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.45 Call	10,000	1335.3281	1115.6225	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.50 Put	40,216	4.3967	7.4077	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.60 Put	12,000	6.2776	10.1602	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.70 Call	0	1090.4942	873.2139	0.0000	0.0000	30	0.00		
Jun 2018	ZAUS	11.75 Put	60,000	10.5542	16.2703	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.77 Put	76,000	11.2958	17.3180	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.80 Put	5,500	12.4982	19.0141	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.90 Put	9,500	17.4124	25.9141	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.00 Call	3,000	805.6383	599.4091	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.00 Put	29,050	24.0383	40.1091	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.06 Put	150	29.0366	51.0354	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.12 Put	372	34.9502	63.9912	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.14 Put	155,500	37.1473	68.7879	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.15 Call	500	669.9003	480.5791	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Jun 2018	ZAUS	12.15 Put	1,000	38.3003	71.2791	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.23 Call	3,000	603.7834	422.8210	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Call	40,000	587.7632	409.0419	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	12,415	56.1632	99.7419	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	548.6635	375.7915	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	67.0635	116.4915	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	15,103	93.1942	155.2397	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	440.1494	286.5778	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	2,550	407.0963	260.3930	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	125.4963	201.0930	0.0000	0.0000	630	0.00
Jun 2018	ZAUS	12.75 Put	66	234.8343	351.2607	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	361.1478	506.2139	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	169.8858	97.2965	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	388.2858	537.9965	0.0000	0.0000	500	0.00
Jun 2018	ZAUS	13.05 Put	1,250	423.3622	578.5935	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	512.3384	679.5123	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	535.5484	705.4232	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	615.3889	792.9623	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	88.2088	46.9438	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	749.8868	937.7520	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	767.0945	956.1911	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	784.4070	974.6960	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	908.2452	1105.8612	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1008.3285	1210.5844	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1054.4930	1258.5751	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1063.7711	1268.1602	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1082.3704	1287.3572	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1091.6909	1296.9694	0.0000	0.0000	1,000	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1147.8904	1354.8220	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	24.1033	11.1458	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1242.5033	1451.8458	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1338.1133	1549.4911	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1482.5385	1696.8559	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	7.5620	3.1718	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	5.0515	2.0786	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	4.0385	1.6468	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	2.0710	0.9520	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.9381	0.9543	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.6247	0.9616	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	1.3631	0.9705	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.2190	0.9881	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.2177	0.9992	0.0000	0.0000	0	0.00

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Jun 2018	ZAUS	15.53 Call	965	1.2177	1.0042	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.2296	1.0554	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	1.2773	1.1499	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	1.3202	1.0050	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	1.3268	0.9424	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	1.3453	0.7930	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	1.3525	0.7430	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	1.3859	0.5591	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.8005	0.3060	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.6783	0.2552	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.4364	0.1574	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.3035	0.1058	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	29.2936	32.8525	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	30.3075	34.8411	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	35.9119	46.2258	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	50.7091	68.3473	0.0000	0.0000	10,500	0.00
Sep 2018	ZAUS	11.85 Put	48,200	64.7956	86.9169	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	72.8499	97.4568	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	91.1411	121.2061	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	830.1721	652.2374	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	20,000	150.9721	200.3374	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	165.5559	219.4395	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	192.2451	252.2182	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	666.2428	508.3709	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	4,000	237.0428	306.4709	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	283.1570	361.4763	0.0000	0.0000	7,931	0.00
Sep 2018	ZAUS	12.65 Put	1,550	301.1148	382.6982	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.68 Put	0	314.9975	399.0351	0.0000	0.0000	500	0.00
Sep 2018	ZAUS	12.77 Call	5,200	517.9539	383.6836	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	503.2347	372.1054	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	400.2562	501.6418	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.88 Put	250	416.4377	0.0000	0.0000	0.0000	250	0.00
Sep 2018	ZAUS	13.00 Call	20,000	414.5097	303.0618	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	342.2963	246.7091	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	326.2243	234.3641	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	647.0243	782.4641	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	310.8942	222.6586	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	256.4167	181.0831	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	221.8355	155.1692	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	19.2798	9.7443	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	17.4163	8.6990	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	15.0370	7.3840	0.0000	0.0000	0	0.00



<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Sep 2018	ZAUS	16.29 Call	73,314	12.0180	5.7513	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	79.8577	93.8062	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	872.0234	704.7901	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	100	302.9234	366.5901	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	613.6758	481.2765	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	532.2841	413.8282	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	348.1952	264.8476	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	161.9747	117.2094	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	1,000	149.7738	108.0175	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	79.8081	56.4878	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	9.1325	9.8777	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	133.5851	154.7418	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	209.9842	241.5437	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.76 Put	250	467.3553	538.9416	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	620.5243	498.8008	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	350.6249	273.9183	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Call	1,000	232.8719	177.8701	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	105.4478	78.8568	0.0000	0.0000	0	0.00
			<u>1,860,407</u>					<u>21,341.00</u>	<u>0.00</u>
		<b>Total</b>	<b>3,108,049</b>					<b>152,816.00</b>	<b>1,668,078,608.10</b>
									<u>47 734 598.00</u>
									<u>0.00</u>
									<u>220 164 697.00</u>
									<u>2 032 977 116 168.30</u>
<b>Grand Total</b>			<b>5,759,043</b>					<b>336,417.00</b>	<b>3 083 506 746.70</b>
									<b>300,697,418</b>
									<b>2,827,016,451,340.48</b>