



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 23-October-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Oct 2017	DAEU	Future	800	16.1283	16.1610	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	21	16.1940	16.2266	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	16.2400	16.2731	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	16.3424	16.3750	0.0000	0.0000	0	0.00		
			<u>2,421</u>					<u>0.00</u>	<u>0.00</u>	<u>246 963.00</u>	<u>3 560 816 255.30</u>
<b>Option</b>											
Jan 2018	DAEU	15.80 Put	193,000	266.4637	258.5059	0.0000	0.0000	0	0.00		
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>	<u>516 657.00</u>	<u>0.00</u>
		<b>Total</b>	<b>195,421</b>					<b>0.00</b>	<b>0.00</b>	<b>763 620.00</b>	<b>3 560 816 255.30</b>
<b>Future</b>											
Oct 2017	DAGB	Future	43	18.1211	18.0908	0.0000	0.0000	0	0.00		
			<u>43</u>					<u>0.00</u>	<u>0.00</u>	<u>53 427.00</u>	<u>876 149 704.50</u>
		<b>Total</b>	<b>43</b>					<b>0.00</b>	<b>0.00</b>	<b>245 540.00</b>	<b>876 149 704.50</b>
<b>Future</b>											
Oct 2017	DAUS	Future	0	13.6985	13.6964	0.0000	0.0000	904	12,402,099.00		
Oct 2017	DAUS	Future	38,513	13.7296	13.7009	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	500	13.7388	13.7485	0.0000	0.0000	500	6,874,250.00		
Nov 2017	DAUS	Future	20,200	13.7523	13.7234	0.0000	0.0000	20,000	274,750,000.00		
Nov 2017	DAUS	Future	70	13.7680	13.7392	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	300	13.7747	13.7460	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,392	13.7770	13.7482	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.8016	13.7729	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	13.8061	13.7774	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	24	13.8150	13.7862	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,750	13.8396	13.8107	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.8664	13.8373	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	70	13.9314	13.9090	0.0000	0.0000	70	973,630.00		
Jan 2018	DAUS	Future	1,480	13.9444	13.9149	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>		
Feb 2018	DAUS	Future	70	13.9725	13.9430	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	14.1241	14.2905	0.0000	0.0000	70	986,685.00		
May 2018	DAUS	Future	70	14.1605	14.1302	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.2716	14.2403	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.3101	14.2785	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	14.3208	14.2905	0.0000	0.0000	70	1,000,335.00		
Aug 2018	DAUS	Future	70	14.3612	14.3292	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.5167	14.4900	0.0000	0.0000	70	1,014,300.00		
Nov 2018	DAUS	Future	70	14.5593	14.5259	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.7657	14.7303	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.0782	16.0126	0.0000	0.0000	0	0.00		
			<u>156,373</u>					<u>21,684.00</u>	<u>298,001,299.00</u>	<u>6 617 365.00</u>	<u>79 570 780 792.80</u>

Option

Oct 2017	DAUS	12.92 Put	1,000	0.1136	1.9057	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.39 Call	40,000	348.1222	338.3498	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	19.7827	47.3392	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.55 Call	40,000	207.8184	210.7565	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.65 Call	30,000	133.8360	144.0189	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.70 Call	80,000	102.5551	115.3603	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	8.5824	20.0133	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	0.0030	0.2397	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.35 Put	20,000	29.9403	40.7413	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.55 Put	20,000	71.4283	92.3275	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.70 Call	40,000	187.1086	0.0000	0.0000	0.0000	40,000	0.00
Nov 2017	DAUS	13.70 Put	40,000	134.8086	0.0000	0.0000	0.0000	40,000	0.00
Nov 2017	DAUS	13.50 Put	60	147.1636	159.1840	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	1.7888	1.9584	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	20.5701	21.7915	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	253.9009	262.8689	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	5.2367	4.9279	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	161.4893	175.2791	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	195.6891	195.7821	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	173.7114	174.2323	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	206.9766	216.2658	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	213.5886	223.0783	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	223.7543	233.5488	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	259.8259	270.6481	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	63.7840	66.6153	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	150.4146	156.7236	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	179.1340	186.4748	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	178.0937	174.1451	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	138.2514	134.8953	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Feb 2018	DAUS	15.79 Call	234	109.7898	107.0883	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	101.7343	99.2207	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1268.5627	1312.6501	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	205.7348	256.6671	0.0000	0.0000	0	0.00
			<u>1,035,208</u>					<u>80,000.00</u>	<u>0.00</u>
		<b>Total</b>	<b>1,191,581</b>					<b>101,684.00</b>	<b>298,001,299.00</b>
									20 933 818.00
									79 570 780 792.80
<b>Future</b>									
Dec 2017	EUUS	Future	45	1.1780	1.1828	0.0000	0.0000	0	0.00
			<u>45</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>45</b>					<b>0.00</b>	<b>0.00</b>
									648 483.00
									7 285 972 927.00
<b>Future</b>									
Dec 2017	ZAAD	Future	10,246	10.8013	10.8025	10.8319	10.8230	500	5,413,725.00
Mar 2018	ZAAD	Future	100	10.9493	10.9499	0.0000	0.0000	0	0.00
Jun 2018	ZAAD	Future	1,550	11.0943	11.0943	0.0000	0.0000	0	0.00
			<u>11,896</u>					<u>500.00</u>	<u>5,413,725.00</u>
		<b>Total</b>	<b>11,896</b>					<b>500.00</b>	<b>5,413,725.00</b>
									3 376 139.00
									28 880 438 686.10
<b>Future</b>									
Dec 2017	ZACA	Future	350	10.9569	10.9752	0.0000	0.0000	0	0.00
			<u>350</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>350</b>					<b>0.00</b>	<b>0.00</b>
									101 203.00
									970 046 312.10
<b>Future</b>									
Dec 2017	ZAEU	Future	94,294	16.3106	16.3433	16.3504	16.2805	1,363	22,232,103.10
Mar 2018	ZAEU	Future	13,967	16.6391	16.6715	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	Future	201	16.9670	16.9991	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	Future	2,544	17.3006	17.3319	0.0000	0.0000	0	0.00
			<u>111,006</u>					<u>1,363.00</u>	<u>22,232,103.10</u>
		<b>Total</b>	<b>111,006</b>					<b>1,363.00</b>	<b>22,232,103.10</b>
									12 700 482.00
									178 732 753 396.40
<b>Option</b>									
Dec 2017	ZAEU	14.00 Put	18,000	8.9851	8.6887	0.0000	0.0000	0	0.00
Dec 2017	ZAEU	16.39 Call	18,000	412.4241	431.0034	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	15.05 Put	5,648	121.6486	117.3073	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	15.10 Put	19,510	130.5394	125.9902	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	16.50 Call	643	759.4130	779.2094	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	54,617	34.1890	30.9303	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	54,617	212.2618	204.7822	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	54,617	193.6105	194.9736	0.0000	0.0000	0	0.00
			<u>225,652</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>336,658</b>					<b>1,363.00</b>	<b>22,232,103.10</b>
									18 283 164.00
									178 732 753 396.40

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
<b>Future</b>										
Dec 2017	ZAFR	Future	1,502	14.0937	14.0937	0.0000	0.0000	0	0.00	
			<u>1,502</u>					<u>0.00</u>	<u>0.00</u>	<u>597 303.00</u>
		<b>Total</b>	<b>1,502</b>					<b>0.00</b>	<b>0.00</b>	<b>597 303.00</b>
<b>Future</b>										
Dec 2017	ZAGB	Future	198,848	18.2877	18.2575	18.2962	18.2576	907	16,573,208.60	
Mar 2018	ZAGB	Future	1,526	18.6071	18.5756	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	Future	3,383	18.9205	18.8878	0.0000	0.0000	0	0.00	
Sep 2018	ZAGB	Future	1,665	19.2332	19.1978	0.0000	0.0000	0	0.00	
			<u>205,422</u>					<u>907.00</u>	<u>16,573,208.60</u>	<u>9 187 677.00</u>
										<u>152 885 294 435.60</u>
<b>Option</b>										
Dec 2017	ZAGB	18.20 Call	400	540.8012	531.6453	0.0000	0.0000	0	0.00	
Dec 2017	ZAGB	19.80 Call	800	112.9345	111.8896	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	17.00 Put	500	225.9611	233.4961	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	20.14 Call	500	367.5801	364.5380	0.0000	0.0000	0	0.00	
			<u>2,200</u>					<u>0.00</u>	<u>0.00</u>	<u>1 770 013.00</u>
		<b>Total</b>	<b>207,622</b>					<b>907.00</b>	<b>16,573,208.60</b>	<b>10 957 690.00</b>
										<b>152 885 294 435.60</b>
<b>Future</b>										
Dec 2017	ZAJY	Future	225	0.1221	0.1222	0.0000	0.0000	0	0.00	
			<u>225</u>					<u>0.00</u>	<u>0.00</u>	<u>952 800.00</u>
		<b>Total</b>	<b>225</b>					<b>0.00</b>	<b>0.00</b>	<b>952 800.00</b>
										<b>10 617 056 977.80</b>
<b>Future</b>										
Jun 2018	ZAKS	Future	1,145	0.1317	0.1311	0.0000	0.0000	0	0.00	
			<u>1,145</u>					<u>0.00</u>	<u>0.00</u>	<u>30 799.00</u>
		<b>Total</b>	<b>1,145</b>					<b>0.00</b>	<b>0.00</b>	<b>30 799.00</b>
										<b>417 691 770.00</b>
<b>Future</b>										
Dec 2017	ZATR	Future	4,775	3.6695	3.6994	0.0000	0.0000	0	0.00	
			<u>4,775</u>					<u>0.00</u>	<u>0.00</u>	<u>232 443.00</u>
		<b>Total</b>	<b>4,775</b>					<b>0.00</b>	<b>0.00</b>	<b>232 443.00</b>
										<b>840 432 591.50</b>
<b>Future</b>										
Dec 2017	ZAUM	Future	734	13.8463	13.8173	13.8561	13.8074	28	38,714,350.00	
Mar 2018	ZAUM	Future	18	14.0462	14.0164	14.0214	14.0214	1	1,402,140.00	
Jun 2018	ZAUM	Future	9	14.2417	14.2107	0.0000	0.0000	0	0.00	
			<u>761</u>					<u>29.00</u>	<u>40,116,490.00</u>	<u>143 129.00</u>
		<b>Total</b>	<b>761</b>					<b>29.00</b>	<b>40,116,490.00</b>	<b>147 652.00</b>
										<b>163 931 967 770.00</b>

<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>	
<b>Future</b>										
Dec 2017	ZAUS	Future	915,087	13.8463	13.8173	13.8950	13.8041	43,014	593,595,018.70	
Mar 2018	ZAUS	Future	108,626	14.0462	14.0164	14.0176	14.0083	275	3,852,515.00	
Jun 2018	ZAUS	Future	108,561	14.2417	14.2107	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	Future	2,469	14.4358	14.4033	14.4399	14.4177	49	707,127.40	
Sep 2020	ZAUS	Future	184,000	16.2069	16.1369	0.0000	0.0000	0	0.00	
			<u>1,318,743</u>					<u>43,338.00</u>	<u>598,154,661.10</u>	<u>156 180 089.00</u> <u>1 824 184 257 862.00</u>
<b>Option</b>										
Dec 2017	ZAUS	11.75 Put	1,000	7.4888	7.2647	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.00 Put	20,141	10.7760	10.4410	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.16 Put	550	13.6778	13.2517	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.20 Put	4,000	14.5285	14.0772	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.21 Put	18,000	14.7502	14.2924	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.40 Put	114,600	19.7385	19.1453	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.50 Put	16,416	24.8025	25.9413	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.56 Put	7,100	29.5332	30.8888	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.65 Put	1,819	37.9537	39.6891	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.75 Put	10,000	49.4134	51.6534	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.76 Put	550	50.6917	52.9879	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.00 Put	10,000	89.7093	93.6158	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.10 Put	41,000	111.2519	115.9880	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.12 Put	40,000	115.9729	121.0738	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.15 Put	2,600	123.3192	128.9931	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.18 Put	16,000	131.2900	137.2600	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.20 Call	7,000	783.1000	760.2668	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.21 Put	5,000	139.6131	145.8793	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.22 Put	7,100	142.4652	148.8316	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.25 Call	16,141	747.5570	725.2260	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.35 Put	52,000	183.1588	190.8827	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.40 Put	114,600	200.6346	208.9044	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.50 Call	11,016	584.9912	565.3853	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.60 Call	4,000	527.2171	508.7714	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.76 Call	3,750	443.4294	426.8680	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	13.93 Call	7,100	367.5323	354.2058	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.00 Call	19,000	340.3457	327.8889	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.00 Put	33,000	494.0457	510.5889	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.40 Call	2,000	216.9634	208.8708	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.50 Call	7,000	193.4754	186.2897	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.50 Put	2,055	847.1754	868.9897	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	14.63 Call	10,000	166.4445	160.2524	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	15.00 Call	5,580	108.0549	104.3015	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	15.11 Call	1,900	95.0415	91.8442	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>
Dec 2017	ZAUS	15.12 Call	40,000	93.9398	90.7902	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	58.9271	56.9053	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	51.9216	50.2050	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	31.2849	30.4474	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	9.1777	8.9717	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	8.3738	8.1470	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	4.3169	3.8911	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	40.4759	42.0488	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	74.0496	76.4170	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	85.3975	88.0057	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	94.1739	96.9622	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	165.7739	172.9191	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	180.8641	188.5416	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	244.1930	253.9480	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	253.8297	263.8825	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	299.1499	311.6569	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	306.9108	319.6185	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	893.6895	877.6052	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,000	347.4895	361.2052	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	391.0102	405.7226	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	752.8731	739.3534	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	544.1719	561.8689	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	767	639.8243	628.5397	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	700.1334	720.5464	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	471.5757	464.0731	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	357.4133	352.3519	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	348.0252	343.1444	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	345.7195	340.8846	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	336.6589	331.9977	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	325.6901	321.2370	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	302.8952	298.8767	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	274.5746	271.0863	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	241.1610	237.7490	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	234.6311	231.3362	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	197.8125	195.1739	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	167.0895	164.9804	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	150.1617	148.3378	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	12.8486	12.0839	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	32,782	21.3132	21.9324	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	57.5928	59.6392	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	110.8200	114.8981	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	32,782	180.6787	187.2166	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	12.96 Put	2,700	234.3038	242.3299	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	245.5433	253.8855	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	1,250	260.0830	268.8241	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.17 Put	965	297.2413	306.9681	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.22 Put	15,000	313.6736	323.8230	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.30 Put	50	341.1437	351.9740	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.46 Put	5,183	400.4515	412.6759	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.48 Put	7,420	408.2768	420.6760	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	476.7634	491.9634	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	504.7677	520.4823	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.71 Call	50	625.9423	617.8226	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.81 Call	500	594.9567	587.3668	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	512.1299	506.1760	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	504.6332	498.8053	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	438.2382	433.5356	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	417.7194	413.3620	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	306.4197	302.8120	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	275.1837	272.1462	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	260.9329	258.1554	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	32,782	257.1912	254.4820	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	18.8250	15.6009	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	180.1399	194.9494	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	190.6008	205.5381	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	248.4959	261.8597	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1319.2965	1301.1189	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	511.1543	503.3484	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	497.0072	489.6841	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	477.5740	470.9166	0.0000	0.0000	0	0.00		
			<u>2,282,902</u>					<u>0.00</u>	<u>0.00</u>	<u>38 557 711.00</u>	<u>0.00</u>
	<b>Total</b>		<b>3,601,645</b>					<b>43,338.00</b>	<b>598,154,661.10</b>	<b>194 737 800.00</b>	<b>1 824 184 257 862.00</b>
<b>Grand Total</b>			<b>5,553,669</b>					<b>147,821.00</b>	<b>980 491 486.80</b>	<b>260,565,288</b>	<b>2,503,837,148,178.70</b>