



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 19-October-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Oct 2017	DAEU	Future	800	16.0463	15.9893	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	21	16.1125	16.0524	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	16.1592	16.0984	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	16.2564	16.1992	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	302.5241	314.6080	0.0000	0.0000	0	0.00		
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>	<u>516 180.00</u>	<u>0.00</u>
		<b>Total</b>	<b>195,421</b>					<b>0.00</b>	<b>0.00</b>	<b>763 143.00</b>	<b>3 560 816 255.30</b>
<b>Future</b>											
Oct 2017	DAGB	Future	43	17.8875	17.8928	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	10,000	13.5340	13.5616	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	834	13.5340	13.5659	0.0000	0.0000	264	3,581,028.00		
Oct 2017	DAUS	Future	913	13.5362	13.5747	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	200	13.5588	13.5966	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.5747	13.6120	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	300	13.5816	13.6186	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,392	13.5839	13.6208	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.6081	13.6447	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	13.6123	13.6491	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	24	13.6207	13.6577	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,750	13.6439	13.6815	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.6691	13.7077	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.7735	13.8116	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.9575	13.9968	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Jul 2018	DAUS	Future	100	14.0667	14.1054	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	14.1045	14.1430	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	14.1545	14.1927	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	14.3482	14.3849	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	14.5499	14.5833	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	15.8191	15.8379	0.0000	0.0000	0	0.00
			<u>107,347</u>					<u>264.00</u>	<u>3,581,028.00</u>
									<u>6 489 001.00</u>
									<u>77 812 873 841.80</u>
<b>Option</b>									
Oct 2017	DAUS	13.74 Put	10,000	211.4209	196.5983	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.00 Call	500	6.8205	8.6885	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.92 Put	1,000	5.9277	5.3723	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.39 Call	40,000	212.3899	239.3310	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	105.0567	87.5361	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.55 Call	40,000	113.8257	131.8067	0.0000	0.0000	38,200	0.00
Oct 2017	DAUS	13.65 Call	30,000	76.8706	89.3602	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	10.6512	11.4137	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	0.3240	0.3331	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.35 Put	20,000	79.3625	69.5464	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	226.8533	215.8847	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	1.8234	1.9337	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	35.0044	32.2060	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	339.8155	293.8852	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	3.6568	3.4696	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	231.8665	208.7539	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	162.9124	162.8085	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	144.7430	144.4377	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	276.2053	260.2707	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	284.1095	267.9086	0.0000	0.0000	1,189	0.00
Jan 2018	DAUS	13.30 Put	40,904	296.2163	279.6232	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	338.7805	320.8830	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	92.6587	85.8107	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	202.9787	190.7938	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	240.1843	225.5694	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	147.2709	152.4253	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	113.3481	117.4889	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	89.7967	93.2131	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	83.1490	86.3588	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1439.7562	1407.8646	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	225.6886	230.4375	0.0000	0.0000	0	0.00
			<u>865,708</u>					<u>39,389.00</u>	<u>0.00</u>
									<u>14 115 922.00</u>
									<u>0.00</u>
	<b>Total</b>		<b>973,055</b>					<b>39,653.00</b>	<b>3,581,028.00</b>
									<b>20 604 923.00</b>
									<b>77 812 873 841.80</b>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Dec 2017	EUUS	Future	45	1.1887	1.1811	0.0000	0.0000	0	0.00		
			<u>45</u>					<u>0.00</u>	<u>0.00</u>	<u>648 483.00</u>	<u>7 285 972 927.00</u>
		<b>Total</b>	<b>45</b>					<b>0.00</b>	<b>0.00</b>	<b>648 483.00</b>	<b>7 285 972 927.00</b>
<b>Future</b>											
Dec 2017	ZAAD	Future	10,246	10.7481	10.7189	0.0000	0.0000	0	0.00		
Mar 2018	ZAAD	Future	100	10.8937	10.8648	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	1,550	11.0373	11.0081	0.0000	0.0000	0	0.00		
			<u>11,896</u>					<u>0.00</u>	<u>0.00</u>	<u>3 375 639.00</u>	<u>28 875 024 961.10</u>
		<b>Total</b>	<b>11,896</b>					<b>0.00</b>	<b>0.00</b>	<b>3 408 016.00</b>	<b>28 875 024 961.10</b>
<b>Future</b>											
Dec 2017	ZACA	Future	350	10.9544	10.9694	0.0000	0.0000	0	0.00		
			<u>350</u>					<u>0.00</u>	<u>0.00</u>	<u>101 203.00</u>	<u>970 046 312.10</u>
		<b>Total</b>	<b>350</b>					<b>0.00</b>	<b>0.00</b>	<b>101 203.00</b>	<b>970 046 312.10</b>
<b>Future</b>											
Dec 2017	ZAEU	Future	94,170	16.2262	16.1665	16.2394	16.1459	11,058	179,263,055.80		
Mar 2018	ZAEU	Future	13,967	16.5502	16.4904	16.5085	16.5036	1,000	16,506,650.00		
Jun 2018	ZAEU	Future	201	16.8750	16.8143	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	Future	2,544	17.2049	17.1420	0.0000	0.0000	0	0.00		
			<u>110,882</u>					<u>12,058.00</u>	<u>195,769,705.80</u>	<u>12 696 669.00</u>	<u>178 670 408 425.00</u>
<b>Option</b>											
Dec 2017	ZAEU	14.00 Put	18,000	9.9160	8.8673	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	381.8579	315.7862	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	139.2992	143.3238	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	149.1462	153.5278	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	723.3163	684.6963	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	54,617	36.9763	40.0459	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	54,617	233.9827	241.3867	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	54,617	189.0935	180.3928	0.0000	0.0000	0	0.00		
			<u>225,652</u>					<u>0.00</u>	<u>0.00</u>	<u>5 582 682.00</u>	<u>0.00</u>
		<b>Total</b>	<b>336,534</b>					<b>12,058.00</b>	<b>195,769,705.80</b>	<b>18 279 351.00</b>	<b>178 670 408 425.00</b>
<b>Future</b>											
Dec 2017	ZAFR	Future	1,502	14.0623	13.9933	0.0000	0.0000	0	0.00		
			<u>1,502</u>					<u>0.00</u>	<u>0.00</u>	<u>597 303.00</u>	<u>6 345 431 521.60</u>
		<b>Total</b>	<b>1,502</b>					<b>0.00</b>	<b>0.00</b>	<b>597 303.00</b>	<b>6 345 431 521.60</b>

Future

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Dec 2017	ZAGB	Future	198,879	18.0507	18.0542	18.0500	18.0500	2,070	37,370,616.70
Mar 2018	ZAGB	Future	1,526	18.3632	18.3685	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	Future	3,383	18.6710	18.6752	0.0000	0.0000	0	0.00
Sep 2018	ZAGB	Future	1,665	18.9771	18.9795	0.0000	0.0000	0	0.00
			<u>205,453</u>					<u>2,070.00</u>	<u>37,370,616.70</u>
<b>Option</b>									<u>9 185 627.00</u>
Dec 2017	ZAGB	18.20 Call	400	436.5387	438.5741	0.0000	0.0000	0	0.00
Dec 2017	ZAGB	19.80 Call	800	87.2398	88.5045	0.0000	0.0000	0	0.00
Mar 2018	ZAGB	17.00 Put	500	281.0690	276.2080	0.0000	0.0000	0	0.00
Mar 2018	ZAGB	20.14 Call	500	316.6266	312.5059	0.0000	0.0000	0	0.00
			<u>2,200</u>					<u>0.00</u>	<u>0.00</u>
<b>Total</b>			<b>207,653</b>					<b>2,070.00</b>	<b>37,370,616.70</b>
									<u>10 955 640.00</u>
									<u>152 847 959 245.90</u>
<b>Future</b>									
Dec 2017	ZAJY	Future	225	0.1216	0.1215	0.0000	0.0000	0	0.00
			<u>225</u>					<u>0.00</u>	<u>0.00</u>
<b>Total</b>			<b>225</b>					<b>0.00</b>	<b>0.00</b>
									<u>952 800.00</u>
									<u>10 617 056 977.80</u>
<b>Future</b>									
Jun 2018	ZAKS	Future	1,145	0.1299	0.1304	0.0000	0.0000	0	0.00
			<u>1,145</u>					<u>0.00</u>	<u>0.00</u>
<b>Total</b>			<b>1,145</b>					<b>0.00</b>	<b>0.00</b>
									<u>30 799.00</u>
									<u>417 691 770.00</u>
<b>Future</b>									
Dec 2017	ZATR	Future	35,000	3.6764	3.6593	0.0000	0.0000	10,225	37,559,512.50
			<u>35,000</u>					<u>10,225.00</u>	<u>37,559,512.50</u>
<b>Total</b>			<b>35,000</b>					<b>10,225.00</b>	<b>37,559,512.50</b>
									<u>197 443.00</u>
									<u>710 918 591.50</u>
<b>Future</b>									
Dec 2017	ZAUM	Future	719	13.6502	13.6880	13.6937	13.6489	50	68,377,210.00
Mar 2018	ZAUM	Future	17	13.8456	13.8844	0.0000	0.0000	0	0.00
Jun 2018	ZAUM	Future	32	14.0373	14.0762	0.0000	0.0000	0	0.00
			<u>768</u>					<u>50.00</u>	<u>68,377,210.00</u>
<b>Total</b>			<b>768</b>					<b>50.00</b>	<b>68,377,210.00</b>
									<u>143 052.00</u>
									<u>163 824 082 460.00</u>
<b>Future</b>									
Dec 2017	ZAUS	Future	908,995	13.6502	13.6880	13.6959	13.6381	27,474	375,635,797.50
Mar 2018	ZAUS	Future	105,638	13.8456	13.8844	13.8840	13.8840	1,800	24,977,600.00
Jun 2018	ZAUS	Future	108,586	14.0373	14.0762	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	Future	2,462	14.2273	14.2651	14.2537	14.2403	526	7,490,817.00
Sep 2020	ZAUS	Future	184,000	15.9424	15.9601	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
			1,309,681					29,800.00	408,104,214.50
									155,961,199.00
									1,821,161,539,849.50
Option									
Dec 2017	ZAUS	11.75 Put	1,000	10.6118	7.0806	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	20,141	15.7209	10.1136	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.16 Put	550	20.2983	12.8198	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.20 Put	4,000	21.6484	13.6193	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	22.0006	13.8279	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	33.6634	20.3120	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	16,416	43.8682	28.0492	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.56 Put	7,100	51.0710	33.7096	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	63.5624	43.8341	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.75 Put	10,000	80.0538	57.6682	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	81.8635	59.2152	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	135.6971	106.3736	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	165.2257	132.8398	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	171.6072	138.6247	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.15 Put	2,600	181.4805	147.6179	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	191.7190	156.9932	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	7,000	648.9495	651.4570	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	202.3253	166.7546	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.22 Put	7,100	205.9423	170.0936	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	617.2425	618.3754	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	256.7421	217.5048	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	278.1524	237.7352	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	474.2994	469.5341	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	424.3699	417.7664	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	355.3584	345.5138	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	293.8182	282.9536	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	400	271.3867	260.3319	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	621.1867	572.3319	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	170.8834	160.5541	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,000	151.9233	141.9080	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1001.7233	953.9080	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	130.3292	120.8390	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	84.2498	76.6088	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	73.2547	66.2738	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	72.3276	65.3533	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	44.4688	38.1569	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	39.1138	33.0636	0.0000	0.0000	10,000	0.00
Dec 2017	ZAUS	16.00 Call	117,200	23.4419	18.5684	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	7.5945	6.4780	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	6.9812	6.1372	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	18.06 Call	2,055	3.0329	3.2693	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	53.9954	51.3333	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	97.4593	92.8179	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	113.5332	106.6773	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	127.1033	119.6009	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	218.4524	207.1427	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	236.5859	224.6019	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	313.1035	297.4152	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	325.0819	309.0238	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	380.0616	362.4086	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	388.9596	371.0634	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	780.7904	800.4850	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,000	435.1904	416.0850	0.0000	0.0000	34,000	0.00
Mar 2018	ZAUS	13.60 Put	3,000	484.2870	463.9932	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	654.2492	670.9138	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	654.5933	630.3121	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	767	555.0808	568.7164	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	825.1356	798.3158	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	407.6835	417.4759	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	308.9023	316.0247	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	300.7538	307.6759	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	298.7532	305.6269	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	290.8937	297.5773	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	281.3837	287.8348	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	261.6339	267.6097	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	237.0266	242.5161	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	206.3073	211.4114	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	200.6816	205.6357	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	169.0135	173.1241	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	142.6534	146.0601	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	128.1535	131.1773	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	13.7657	13.2452	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	32,782	29.1668	28.1691	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	76.7422	74.2044	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	143.9621	139.4579	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	32,782	228.4859	221.5837	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	290.7158	281.8700	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	760	303.6892	294.4514	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	320.4127	310.6758	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	362.8836	351.9112	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	381.5569	370.0516	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	50	412.6272	400.2606	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	13.46 Put	5,183	482.3208	468.2017	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.48 Put	7,420	491.6391	477.3034	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	569.6161	553.5103	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	600.3967	583.6253	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.71 Call	50	557.7577	570.2731	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.81 Call	500	530.3198	542.1142	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	457.0810	466.9952	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	450.4090	460.1529	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	391.4164	399.5994	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	372.1900	379.9714	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	271.5315	277.2970	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	243.9171	249.1307	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	231.3320	236.2904	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	32,782	228.0318	232.9204	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	17.2449	17.3306	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	225.5906	222.9318	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	238.1382	235.2883	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	306.8904	303.0276	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1197.1154	1222.9820	0.0000	0.0000	732	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	461.0049	470.4465	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	448.2487	457.4486	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	430.7262	439.6061	0.0000	0.0000	0	0.00		
			<u>2,264,302</u>					<u>44,732.00</u>	<u>0.00</u>	<u>38 538 711.00</u>	<u>0.00</u>
		<b>Total</b>	<b>3,573,983</b>					<b>74,532.00</b>	<b>408,104,214.50</b>	<b>194 499 910.00</b>	<b>1 821 161 539 849.50</b>
		<b>Grand Total</b>	<b>5,337,620</b>					<b>138,588.00</b>	<b>750 762 287.50</b>	<b>259,956,586</b>	<b>2,498,714,030,019.10</b>