



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 26-October-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Oct 2017	DAEU	Future	800	16.6060	16.4965	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	21	16.6531	16.5584	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	16.7018	16.6079	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	16.8110	16.7127	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	182.6916	167.6001	0.0000	0.0000	0	0.00
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>195,421</b>					<b>0.00</b>	<b>0.00</b>
									<u>517 422.00</u>
									<u>0.00</u>
									<u>764 385.00</u>
									<u>3 560 816 255.30</u>
<b>Future</b>									
Oct 2017	DAGB	Future	43	18.6820	18.5090	0.0000	0.0000	0	0.00
			<u>43</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>43</b>					<b>0.00</b>	<b>0.00</b>
									<u>53 427.00</u>
									<u>876 149 704.50</u>
<b>Future</b>									
Oct 2017	DAUS	Future	38,513	14.1850	13.9673	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	500	14.1800	13.9742	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	80,000	14.1948	13.9880	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	14.2116	14.0043	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	300	14.2189	14.0113	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,392	14.2213	14.0136	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	14.2478	14.0391	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	14.2526	14.0436	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	24	14.2622	14.0527	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	241	14.2864	14.0755	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,750	14.2888	14.0778	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	14.3178	14.1052	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.3371	14.1234	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.3563	14.1416	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>		
Jan 2018	DAUS	Future	241	14.3707	14.1553	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	70	14.3875	14.1713	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	1,480	14.4018	14.1848	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	14.4330	14.2138	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	14.6008	14.3697	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.6411	14.4075	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.7636	14.5230	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.8060	14.5630	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	14.8178	14.5741	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.8632	14.6164	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	15.0389	14.7789	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	15.0867	14.8230	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	15.3220	15.0391	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.7746	16.4163	0.0000	0.0000	0	0.00		
			<u>217,137</u>					<u>0.00</u>	<u>0.00</u>	<u>6 718 641.00</u>	<u>80 979 481 319.80</u>

Option

Oct 2017	DAUS	12.92 Put	1,000	0.0000	0.0018	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.39 Call	40,000	795.0276	578.7129	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	0.1702	4.3211	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.55 Call	40,000	635.2681	424.1333	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.65 Call	30,000	535.6694	332.9413	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.70 Call	80,000	486.0595	289.9867	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	119.9117	55.1491	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	0.0002	0.0000	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.35 Put	20,000	6.6118	11.0548	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.55 Put	20,000	13.9240	27.6122	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.80 Put	20,000	42.9111	76.3561	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.70 Call	40,000	527.1494	347.1583	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.70 Put	40,000	32.3494	59.1583	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	54.6015	79.8038	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	2.8937	1.8842	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	7.9617	12.6144	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	137.9126	176.9697	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	12.1626	7.7834	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	96.8915	107.5123	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	366.7572	261.3383	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	331.1800	232.9755	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	125.6405	151.5854	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	129.8584	156.5418	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	136.3739	164.1895	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	159.7674	191.5607	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	45.2573	50.3074	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Feb 2018	DAUS	13.04 Put	234	88.0803	107.0159	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	107.0627	129.5006	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	310.9382	227.6512	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	248.7374	178.5567	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	203.9703	142.6435	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	190.8079	132.2405	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1005.3093	1120.6051	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	393.6183	268.0272	0.0000	0.0000	0	0.00
			<u>1,055,208</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>1,272,345</b>					<b>0.00</b>	<b>0.00</b>
									<b>21 075 790.00</b>
									<b>80 979 481 319.80</b>
<b>Future</b>									
Dec 2017	EUUS	Future	125	1.1735	1.1843	1.1863	1.1863	60	711,780.00
			<u>125</u>					<u>60.00</u>	<u>711,780.00</u>
		<b>Total</b>	<b>125</b>					<b>60.00</b>	<b>711,780.00</b>
									<b>648 683.00</b>
									<b>7 288 334 807.00</b>
<b>Future</b>									
Dec 2017	ZAAD	Future	10,471	10.9695	10.8448	11.0947	10.9841	1,105	12,044,282.40
Mar 2018	ZAAD	Future	500	11.1296	10.9952	0.0000	0.0000	0	0.00
Jun 2018	ZAAD	Future	1,550	11.2895	11.1449	0.0000	0.0000	0	0.00
			<u>12,521</u>					<u>1,105.00</u>	<u>12,044,282.40</u>
		<b>Total</b>	<b>12,521</b>					<b>1,105.00</b>	<b>12,044,282.40</b>
									<b>3 381 044.00</b>
									<b>28 933 392 638.70</b>
<b>Future</b>									
Dec 2017	ZACA	Future	350	11.1480	11.0196	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>
									<b>101 203.00</b>
									<b>970 046 312.10</b>
<b>Future</b>									
Dec 2017	ZAEU	Future	94,910	16.7771	16.6801	17.0206	16.7327	3,361	56,535,674.20
Mar 2018	ZAEU	Future	14,017	17.1295	17.0178	17.3528	17.3528	250	4,338,200.00
Jun 2018	ZAEU	Future	226	17.4846	17.3581	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	Future	4,537	17.8488	17.7060	0.0000	0.0000	3,986	71,673,860.40
			<u>113,690</u>					<u>7,597.00</u>	<u>132,547,734.60</u>
		<b>Total</b>	<b>113,690</b>					<b>7,597.00</b>	<b>132,547,734.60</b>
									<b>12 715 019.00</b>
									<b>178 979 856 879.10</b>
<b>Option</b>									
Dec 2017	ZAEU	14.00 Put	18,000	8.2964	9.6294	0.0000	0.0000	0	0.00
Dec 2017	ZAEU	16.39 Call	18,000	688.9556	603.4943	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	15.05 Put	5,648	96.3304	84.8050	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	15.10 Put	19,510	101.5408	88.8474	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	16.50 Call	643	1081.0295	972.9438	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	17.00 Call	620	822.1543	724.1442	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jun 2018	ZAEU	13.75 Put	54,617	29.7775	31.1418	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	54,617	157.7314	156.4395	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	54,617	271.6511	235.0969	0.0000	0.0000	0	0.00	
			226,272					0.00	0.00	5 583 922.00
		<b>Total</b>	<b>339,962</b>					<b>7,597.00</b>	<b>132,547,734.60</b>	18 298 941.00
										178 979 856 879.10
<b>Future</b>										
Dec 2017	ZAFR	Future	1,502	14.4002	14.2793	14.4866	14.4699	800	11,582,135.00	
			1,502					800.00	11,582,135.00	598 103.00
		<b>Total</b>	<b>1,502</b>					<b>800.00</b>	<b>11,582,135.00</b>	6 357 013 656.60
										598 103.00
										6 357 013 656.60
<b>Future</b>										
Dec 2017	ZAGB	Future	198,401	18.8605	18.6804	19.0500	18.7998	1,490	28,190,823.20	
Mar 2018	ZAGB	Future	1,696	19.2053	19.0092	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	Future	3,383	19.5470	19.3331	0.0000	0.0000	0	0.00	
Sep 2018	ZAGB	Future	3,456	19.8908	19.6586	0.0000	0.0000	3,582	71,665,074.00	
			206,936					5,072.00	99,855,897.20	9 200 856.00
		<b>Total</b>								153 134 028 194.70
<b>Option</b>										
Dec 2017	ZAGB	18.20 Call	400	923.4287	769.3070	0.0000	0.0000	0	0.00	
Dec 2017	ZAGB	19.80 Call	800	251.0216	174.2821	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	17.00 Put	500	159.0619	159.7194	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	20.14 Call	500	577.9670	469.8449	0.0000	0.0000	0	0.00	
			2,200					0.00	0.00	1 770 013.00
		<b>Total</b>	<b>209,136</b>					<b>5,072.00</b>	<b>99,855,897.20</b>	10 970 869.00
										153 134 028 194.70
<b>Future</b>										
Dec 2017	ZAJY	Future	225	0.1258	0.1242	0.0000	0.0000	0	0.00	
			225					0.00	0.00	952 800.00
		<b>Total</b>	<b>225</b>					<b>0.00</b>	<b>0.00</b>	10 617 056 977.80
										952 800.00
										10 617 056 977.80
<b>Future</b>										
Jun 2018	ZAKS	Future	1,145	0.1354	0.1338	0.0000	0.0000	0	0.00	
			1,145					0.00	0.00	30 799.00
		<b>Total</b>	<b>1,145</b>					<b>0.00</b>	<b>0.00</b>	417 691 770.00
										30 799.00
										417 691 770.00
<b>Future</b>										
Dec 2017	ZATR	Future	4,775	3.6999	3.7119	0.0000	0.0000	0	0.00	
			4,775					0.00	0.00	232 443.00
		<b>Total</b>	<b>4,775</b>					<b>0.00</b>	<b>0.00</b>	840 432 591.50
										232 443.00
										840 432 591.50

<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	ZAUM	Future	734	14.2961	14.0846	14.3403	14.2875	25	35,773,200.00
Mar 2018	ZAUM	Future	26	14.5145	14.2895	14.5605	14.5040	10	14,532,250.00
Jun 2018	ZAUM	Future	9	14.7306	14.4919	0.0000	0.0000	0	0.00
			<u>769</u>					<u>35.00</u>	<u>50,305,450.00</u>
		<b>Total</b>	<b>769</b>					<b>35.00</b>	<b>50,305,450.00</b>
									143 354.00
									164 246 942 120.00
									147 877.00
									164 246 942 120.00
<b>Future</b>									
Dec 2017	ZAUS	Future	991,609	14.2961	14.0846	14.4148	14.2500	329,644	4,714,977,296.10
Mar 2018	ZAUS	Future	174,066	14.5145	14.2895	14.6000	14.4805	6,882	100,051,315.70
Jun 2018	ZAUS	Future	108,933	14.7306	14.4919	14.8200	14.7007	5,490	80,806,088.50
Sep 2018	ZAUS	Future	2,757	14.9475	14.6943	14.9859	14.9592	315	4,741,021.50
Sep 2020	ZAUS	Future	184,000	16.9140	16.5518	0.0000	0.0000	0	0.00
			<u>1,461,365</u>					<u>342,331.00</u>	<u>4,900,575,721.80</u>
									157 104 635.00
									1 837 258 336 224.30
<b>Option</b>									
Dec 2017	ZAUS	11.75 Put	1,000	5.9054	6.5098	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	20,141	8.1304	8.9733	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.16 Put	550	10.0144	11.0787	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.20 Put	4,000	10.5557	11.6865	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	10.6960	11.8443	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	13.7797	15.3382	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	16,416	15.7799	17.6281	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.56 Put	7,100	17.1304	19.1843	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	19.3978	21.8147	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.75 Put	10,000	22.3093	27.2604	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	22.6253	28.0774	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	38.9249	54.1752	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	50.3348	69.3320	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	52.8951	72.7076	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.15 Put	2,600	56.9218	77.9993	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	61.1769	83.5695	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	7,000	1160.2428	972.0398	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Put	6,728	64.1428	87.4398	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	65.6662	89.4238	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.22 Put	7,100	67.2166	91.4404	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	1118.1322	932.2878	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	89.9392	120.7250	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	100.0208	133.5704	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	918.6767	747.1489	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	844.6038	680.0362	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	735.4415	581.0278	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Put	3,000	199.3415	256.4278	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	630.2697	487.2606	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>
Dec 2017	ZAUS	14.00 Call	19,000	590.2408	452.0495	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	294.1408	367.4495	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.27 Put	40,000	427.3962	0.0000	0.0000	0.0000	40,000	0.00
Dec 2017	ZAUS	14.40 Call	2,000	398.8417	292.8500	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,000	361.1455	262.1811	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	565.0455	677.5811	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	316.9842	226.7585	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	240.9051	167.1144	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	217.4567	149.1078	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	194.0426	131.5113	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	192.0399	130.0175	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	129.4855	84.3367	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	116.7743	74.4908	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	75.7504	45.1617	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	21.7038	12.1694	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	19.5416	11.1765	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	9.6216	6.4004	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	29.0072	32.6372	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	49.5697	54.5152	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	52.4821	57.6037	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	60.4055	66.0039	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	66.5374	72.5018	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	108.3101	120.9715	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	116.7829	133.0659	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	159.6120	184.7233	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	166.5151	192.6950	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	198.8270	229.9300	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	204.1508	236.0524	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	1246.7246	1057.7695	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,000	232.2246	268.2695	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	262.7561	303.2067	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	309.7300	359.7537	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	1071.3476	897.7927	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	376.1790	435.9860	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	767	929.7599	769.1467	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	437.9174	504.8702	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	499.9314	573.6212	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	707.1537	571.0794	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	665.3356	0.0000	0.0000	0.0000	80,000	0.00
Mar 2018	ZAUS	14.50 Put	400	671.0642	0.0000	0.0000	0.0000	400	0.00
Mar 2018	ZAUS	14.75 Call	20,880	587.8639	467.8785	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	549.2479	434.8350	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>
Mar 2018	ZAUS	14.90 Call	5,000	535.8329	423.4101	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	532.5290	420.5990	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	519.5139	409.5524	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	503.6920	396.1557	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	470.5581	368.7456	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	428.9474	334.5805	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	380.0510	294.2522	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	371.0072	286.8435	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	319.5325	244.9907	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	275.2893	207.3792	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	249.1988	186.5647	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	14.2396	13.1438	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	32,782	18.6440	18.6963	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	33.2350	43.4453	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	68.6483	84.1309	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	32,782	117.9548	138.8274	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	157.4800	181.8931	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	12,658	165.9349	191.0483	0.0000	0.0000	12,658	0.00
Jun 2018	ZAUS	13.05 Put	1,250	176.9330	202.9313	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	205.3272	234.5319	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	218.0087	248.6056	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	50	239.3613	272.2538	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	284.7668	323.7846	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	290.8090	330.6262	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	342.1432	388.6090	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.70 Put	184,000	362.7733	411.8410	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	5,630	477.3735	0.0000	0.0000	0.0000	5,630	0.00
Jun 2018	ZAUS	14.10 Put	7,028	522.5720	0.0000	0.0000	0.0000	7,028	0.00
Jun 2018	ZAUS	14.71 Call	50	865.3488	729.2178	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	825.2328	693.6972	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	715.6176	597.4892	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	705.5042	588.6700	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	615.0766	511.0728	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	586.9268	487.1554	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	440.7450	360.7937	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	398.4238	324.4081	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	378.4791	307.7746	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	32,782	373.2351	303.4076	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	264.0263	0.0000	0.0000	0.0000	11,260	0.00
Jun 2018	ZAUS	17.38 Call	7,028	252.5762	0.0000	0.0000	0.0000	14,056	0.00
Sep 2018	ZAUS	11.00 Put	750	21.7109	19.5111	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	105.8121	134.0923	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	12.65 Put	1,550	113.0085	142.4410	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.85 Put	750	153.9015	189.2824	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.65 Call	1,464	1690.9500	1490.4313	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.73 Put	2,500	421.3944	0.0000	0.0000	0.0000	2,500	0.00	
Sep 2018	ZAUS	15.97 Call	5,300	680.7270	583.4471	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.04 Call	1,550	663.0208	568.0678	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.14 Call	750	638.6395	546.9402	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	17.02 Call	0	459.4605	0.0000	0.0000	0.0000	5,000	0.00	
			<u>2,517,384</u>					<u>178,532.00</u>	<u>0.00</u>	<u>38 860 599.00</u>
		<b>Total</b>	<b>3,978,749</b>					<b>520,863.00</b>	<b>4,900,575,721.80</b>	<b>195 965 234.00</b>
										<b>1 837 258 336 224.30</b>

<b>Grand Total</b>	<b>6,017,068</b>							<b>535,532.00</b>	<b>5 207 623 001.00</b>	<b>261,970,545</b>	<b>2,519,197,636,627.40</b>
--------------------	------------------	--	--	--	--	--	--	-------------------	-------------------------	--------------------	-----------------------------