



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 13-September-2017

<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>										
Sep 2017	DAEU	Future	800	15.7197	15.6227	0.0000	0.0000	0	0.00	
Oct 2017	DAEU	Future	800	15.8188	15.7208	0.0000	0.0000	0	0.00	
Nov 2017	DAEU	Future	800	15.9230	15.8238	0.0000	0.0000	0	0.00	
Dec 2017	DAEU	Future	800	16.0195	15.9192	0.0000	0.0000	0	0.00	
			<u>3,200</u>					<u>0.00</u>	<u>0.00</u>	<u>210 962.00</u> <u>2 985 242 523.30</u>
<b>Option</b>										
Jan 2018	DAEU	15.80 Put	193,000	427.8431	462.9303	0.0000	0.0000	0	0.00	
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>	<u>506 044.00</u> <u>0.00</u>
		<b>Total</b>	<b>196,200</b>					<b>0.00</b>	<b>0.00</b>	<b>717 006.00</b> <b>2 985 242 523.30</b>
<b>Future</b>										
Oct 2017	DAGB	Future	43	17.5781	17.4439	0.0000	0.0000	0	0.00	
			<u>43</u>					<u>0.00</u>	<u>0.00</u>	<u>53 384.00</u> <u>875 373 726.50</u>
		<b>Total</b>	<b>43</b>					<b>0.00</b>	<b>0.00</b>	<b>244 497.00</b> <b>875 373 726.50</b>
<b>Future</b>										
Sep 2017	DAUS	Future	75	13.1830	13.0524	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	Future	1,239	13.1850	13.0544	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	Future	1,801	13.1891	13.0585	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	Future	90	13.2180	13.0868	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	Future	834	13.2386	13.1070	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	Future	913	13.2468	13.1151	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	Future	70	13.2817	13.1494	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	Future	1,990	13.3121	13.1793	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	Future	2,708	13.3162	13.1832	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	Future	1,750	13.3465	13.2131	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	Future	916	13.3709	13.2370	0.0000	0.0000	0	0.00	
Feb 2018	DAUS	Future	70	13.4681	13.3327	0.0000	0.0000	0	0.00	
May 2018	DAUS	Future	70	13.6420	13.5041	0.0000	0.0000	0	0.00	
Jul 2018	DAUS	Future	605	13.7446	13.6055	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Jul 2018	DAUS	Future	1,800	13.7798	13.6402	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.8266	13.6864	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	14.0104	13.8704	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	14.1968	14.0579	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	15.3923	15.2503	0.0000	0.0000	0	0.00
			<u>99,141</u>					<u>0.00</u>	<u>0.00</u>
									<u>6 315 783.00</u>
									<u>75 468 539 222.80</u>
<b>Option</b>									
Sep 2017	DAUS	12.75 Put	20,000	14.1847	27.1101	0.0000	0.0000	0	0.00
Sep 2017	DAUS	13.50 Put	60	361.7346	471.1700	0.0000	0.0000	0	0.00
Sep 2017	DAUS	17.13 Call	60	0.1838	0.0000	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.68 Put	15,000	18.8989	39.2741	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.40 Call	15,000	111.5680	75.8484	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.00 Call	500	60.1706	44.1020	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.92 Put	1,000	115.8456	161.8172	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	422.0452	515.9776	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	59.9896	44.9947	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	0.9940	0.7521	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	471.1475	557.1764	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	0.9343	0.8796	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	147,000	121.3395	160.3788	0.0000	0.0000	35,000	0.00
Dec 2017	DAUS	13.50 Put	60	509.8160	591.1232	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	1.1517	1.0781	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	367.9002	430.8275	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	146.5502	123.9930	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	131.8939	111.3893	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	427.0698	490.8305	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	437.4485	501.9781	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	453.2538	518.9349	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	508.0082	578.9638	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	2,723	378.7917	438.5513	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	111.2871	95.0866	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1719.9594	1821.0781	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	212.4257	187.6155	0.0000	0.0000	0	0.00
			<u>682,330</u>					<u>35,000.00</u>	<u>0.00</u>
			<b>Total</b>	<b>781,471</b>				<b>35,000.00</b>	<b>0.00</b>
									<u>13 649 114.00</u>
									<u>75 468 539 222.80</u>
<b>Future</b>									
Sep 2017	EUUS	Future	5,150	1.1917	1.1962	0.0000	0.0000	0	0.00
			<u>5,150</u>					<u>0.00</u>	<u>0.00</u>
			<b>Total</b>	<b>5,150</b>				<b>0.00</b>	<b>0.00</b>
									<u>633 028.00</u>
									<u>7 101 570 792.00</u>

<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 2017	ZAAD	Future	23,727	10.5264	10.4700	0.0000	0.0000	0	0.00	
Dec 2017	ZAAD	Future	7,429	10.6633	10.6050	0.0000	0.0000	0	0.00	
Jun 2018	ZAAD	Future	1,500	10.9305	10.8690	0.0000	0.0000	0	0.00	
			<u>32,656</u>					<i>0.00</i>	<i>0.00</i>	<i>3 319 981.00</i>
	<b>Total</b>		<b>32,656</b>					<b>0.00</b>	<b>0.00</b>	<b>3 352 358.00</b>
<b>Future</b>										
Sep 2017	ZACA	Future	1,200	10.7992	10.7329	0.0000	0.0000	0	0.00	
Dec 2017	ZACA	Future	500	10.9559	10.8871	0.0000	0.0000	0	0.00	
			<u>1,700</u>					<i>0.00</i>	<i>0.00</i>	<i>99 103.00</i>
	<b>Total</b>		<b>1,700</b>					<b>0.00</b>	<b>0.00</b>	<b>99 103.00</b>
<b>Future</b>										
Sep 2017	ZACR	Future	10	2.0118	1.9921	0.0000	0.0000	0	0.00	
			<u>10</u>					<i>0.00</i>	<i>0.00</i>	<i>109 814.00</i>
	<b>Total</b>		<b>10</b>					<b>0.00</b>	<b>0.00</b>	<b>109 814.00</b>
<b>Future</b>										
Sep 2017	ZAEU	Future	65,509	15.6903	15.5934	15.7473	15.6307	132,650	2,075,118,910.10	
Dec 2017	ZAEU	Future	111,040	15.9885	15.8886	16.0313	15.9460	87,860	1,401,688,384.00	
Mar 2018	ZAEU	Future	10,307	16.2943	16.1910	16.3399	16.3399	50	816,995.00	
Jun 2018	ZAEU	Future	1	16.5990	16.4927	0.0000	0.0000	0	0.00	
			<u>186,857</u>					<i>220,560.00</i>	<i>3,477,624,289.10</i>	<i>12 439 985.00</i>
	<b>Total</b>							<b>220,560.00</b>	<b>3,477,624,289.10</b>	<b>17 749 245.00</b>
<b>Option</b>										
Sep 2017	ZAEU	15.10 Put	16,000	3.3541	6.5560	0.0000	0.0000	0	0.00	
Dec 2017	ZAEU	14.00 Put	18,000	12.1000	13.0759	0.0000	0.0000	0	0.00	
Dec 2017	ZAEU	16.39 Call	18,000	325.5214	286.1909	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.05 Put	5,648	208.1198	222.1725	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.10 Put	19,510	221.0151	235.8644	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.50 Call	643	645.2173	590.3189	0.0000	0.0000	0	0.00	
			<u>77,801</u>					<i>0.00</i>	<i>0.00</i>	<i>5 309 260.00</i>
	<b>Total</b>		<b>264,658</b>					<b>220,560.00</b>	<b>3,477,624,289.10</b>	<b>174 563 061 656.70</b>
<b>Future</b>										
Sep 2017	ZAFR	Future	3,656	13.6803	13.5908	13.6800	13.6800	1,219	16,675,741.60	
Dec 2017	ZAFR	Future	1,215	13.9554	13.8628	0.0000	0.0000	2,432	33,920,131.60	
			<u>4,871</u>					<i>3,651.00</i>	<i>50,595,873.20</i>	<i>592 897.00</i>
	<b>Total</b>		<b>4,871</b>					<b>3,651.00</b>	<b>50,595,873.20</b>	<b>6 284 283 026.60</b>
<b>Future</b>										
Sep 2017	ZAGB	Future	64,831	17.4367	17.3040	17.4442	17.3760	172,789	2,998,040,058.20	

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Dec 2017	ZAGB	Future	170,469	17.7323	17.5958	17.7200	17.6737	169,773	2,994,985,081.90
Mar 2018	ZAGB	Future	420	18.0292	17.8880	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	Future	3,383	18.3204	18.1753	0.0000	0.0000	0	0.00
Sep 2018	ZAGB	Future	1,654	18.6090	18.4599	0.0000	0.0000	0	0.00
			<u>240,757</u>					<u>342,562.00</u>	<u>5,993,025,140.10</u>
									<u>8 973 535.00</u>
									<u>149 037 232 498.30</u>
<b>Option</b>									
Sep 2017	ZAGB	16.70 Call	700	742.8023	613.9031	0.0000	0.0000	0	0.00
Sep 2017	ZAGB	18.50 Call	300	2.8326	1.4963	0.0000	0.0000	0	0.00
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>
									<u>1 767 013.00</u>
									<u>0.00</u>
		<b>Total</b>	<b>241,757</b>					<b>342,562.00</b>	<b>5,993,025,140.10</b>
									<u>10 740 548.00</u>
									<u>149 037 232 498.30</u>
<b>Future</b>									
Sep 2017	ZAJY	Future	84	0.1191	0.1186	0.0000	0.0000	0	0.00
Dec 2017	ZAJY	Future	115	0.1213	0.1208	0.0000	0.0000	0	0.00
			<u>199</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>199</b>					<b>0.00</b>	<b>0.00</b>
									<u>952 496.00</u>
									<u>10 613 422 776.50</u>
<b>Future</b>									
Jun 2018	ZAKS	Future	1,145	0.1270	0.1255	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>									
Sep 2017	ZAUM	Future	245	13.1663	13.0359	13.1866	13.0378	47	61,717,390.00
Dec 2017	ZAUM	Future	573	13.3526	13.2190	13.2879	13.2355	20	26,475,700.00
Mar 2018	ZAUM	Future	7	13.5369	13.4003	0.0000	0.0000	0	0.00
Jun 2018	ZAUM	Future	172	13.7173	13.5785	0.0000	0.0000	0	0.00
			<u>997</u>					<u>67.00</u>	<u>88,193,090.00</u>
		<b>Total</b>	<b>997</b>					<b>67.00</b>	<b>88,193,090.00</b>
									<u>142 321.00</u>
									<u>162 819 564 390.00</u>
<b>Future</b>									
Sep 2017	ZAUS	Future	633,483	13.1663	13.0359	13.1828	13.0373	566,111	7,417,507,653.20
Dec 2017	ZAUS	Future	708,980	13.3526	13.2190	13.3686	13.2198	595,594	7,913,814,795.40
Mar 2018	ZAUS	Future	123,212	13.5369	13.4003	13.5078	13.4812	6,968	94,037,036.00
Jun 2018	ZAUS	Future	102,100	13.7173	13.5785	13.6970	13.6970	1,000	13,697,000.00
Sep 2018	ZAUS	Future	400	13.8949	13.7543	0.0000	0.0000	0	0.00
Sep 2020	ZAUS	Future	184,000	15.5078	15.3649	0.0000	0.0000	0	0.00
			<u>1,752,175</u>					<u>1,169,673.00</u>	<u>15,439,056,484.60</u>
									<u>153 341 126.00</u>
									<u>1 785 926 242 619.90</u>
<b>Option</b>									
Sep 2017	ZAUS	12.00 Put	37,202	0.0556	0.0893	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	0.1617	0.3098	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	12.25 Put	10,000	0.2138	0.4272	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	0.2262	0.4557	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	91,184	0.9374	2.2863	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	1.2331	3.0188	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	1.3209	3.2361	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	1.8649	4.5806	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	421.5724	298.7705	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	5.2724	12.8705	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	7.4468	18.0316	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.85 Call	350	326.7939	211.0089	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	281.0360	170.5871	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	21.9970	50.4378	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	194.8736	99.9992	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	28.5736	64.0992	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.07 Call	30,000	140.8357	63.5880	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	67.8429	146.3800	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	71.8863	153.9496	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	67.5256	29.5850	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	101.2256	193.6850	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,000	135.0201	236.0366	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	22.1191	9.0486	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	255.8191	373.1486	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	19.7728	8.0636	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	16.7238	6.7946	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	300.4238	420.8946	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	14.1610	5.7377	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	12.6841	5.1327	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	143,712	470.0192	596.6562	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	5.6964	2.3064	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	587.1447	715.4653	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	596.9806	725.3938	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	2.7058	1.0456	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	2.5642	0.9919	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	1.5934	0.6243	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	1.2961	0.5114	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	0.9566	0.3821	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	0.3675	0.1543	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1054.0356	1184.2417	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1153.9160	1284.1939	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	0.2069	0.0902	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1303.8195	1434.1638	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	0.1109	0.0600	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	14.55 Call	1,084	0.0983	0.0544	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	0.0681	0.0404	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	0.0654	0.0392	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	0.0419	0.0276	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.0425	0.0604	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.1443	0.1725	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.1841	0.2138	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	0.3456	0.3751	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	0.4924	0.4264	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	0.5174	0.3970	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.0670	0.0349	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	14.9189	18.8140	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	20,141	21.8445	32.2014	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.16 Put	550	35.4659	50.2133	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.20 Put	4,000	39.7405	55.7369	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	40.8678	57.1869	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	67.3514	90.4920	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	85.5942	112.8305	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	119.3213	154.9411	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.75 Put	2,600	147.2960	188.7259	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	150.4052	192.3386	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	237.7379	291.9281	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	281.4139	340.6665	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	290.6600	350.9152	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	319.4087	382.6452	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	4,020	481.9258	412.5458	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	334.3465	399.3249	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	457.4408	391.8380	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	408.9069	484.3177	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Call	4,000	391.2340	335.4400	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	438.6340	516.4400	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	353.5136	302.2940	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	319.3464	272.3966	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	5,000	260.6135	221.2913	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	860.3725	960.8284	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	142.5330	119.7042	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1276.6040	1389.3993	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	113.9105	94.4586	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	78.4858	64.2624	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	70.2981	57.4429	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	69.6021	56.8626	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	48.0273	38.9904	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	16.00 Call	117,200	30.2264	22.5064	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	18,000	4.7920	3.7853	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	3.9292	3.1512	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	0.9402	0.7616	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.00 Put	225,000	90.1682	105.0727	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	165.1684	193.7918	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	26,000	191.0154	222.7081	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	113,187	364.4799	415.8696	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	482.5384	542.9027	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	550.8655	615.7565	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	561.7826	627.3590	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.50 Call	100	654.8478	588.0041	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	876.9221	959.6704	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.00 Call	767	475.7899	424.4306	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1067.6363	1158.1071	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	272.7871	239.9167	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.00 Call	3,100	257.6094	226.3228	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	240.2833	210.8328	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	218.6667	191.5482	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	193.1029	168.8023	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	65,000	188.3983	164.6243	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	161.7559	141.0099	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	139.3120	121.1804	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	126.8328	110.9578	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	17.4742	20.6606	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.00 Put	137,000	129.6260	149.7836	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	413.4767	459.9465	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	429.5742	478.4927	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	451.8099	502.2224	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	758.4176	825.7951	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	793.8885	862.9095	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	412.7275	372.5840	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	406.8233	367.1563	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	230.4738	207.2478	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	18.7164	19.2102	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	342.1090	374.9138	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	355.3769	0.0000	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	426.4683	464.7014	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	422.0653	384.3988	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	411.2418	0.0000	0.0000	0.0000	3,100	0.00		
Sep 2018	ZAUS	16.14 Call	750	396.3743	360.7305	0.0000	0.0000	0	0.00		
			<u>2,528,961</u>					<u>3,100.00</u>	<u>0.00</u>	<u>37 816 905.00</u>	<u>0.00</u>

<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>Total</b>	<b>4,281,136</b>				<b>1,172,773.00</b>	<b>15,439,056,484.60</b>	191 158 031.00	1 785 926 242 619.90
		<b>Grand Total</b>	<b>5,811,993</b>				<b>1,774,613.00</b>	<b>25 048 494 877.00</b>	<b>255,020,799</b>	<b>2,450,366,091,170.30</b>