



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 01-September-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Sep 2017	DAEU	Future	800	15.3830	15.4993	0.0000	0.0000	0	0.00
Oct 2017	DAEU	Future	800	15.4826	15.5977	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	15.5831	15.7010	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	15.6775	15.7987	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	598.7090	541.1175	0.0000	0.0000	0	0.00
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>196,200</b>					<b>0.00</b>	<b>0.00</b>
									<u>505 826.00</u>
									<u>0.00</u>
									<u>716 788.00</u>
									<u>2 985 242 523.30</u>
<b>Future</b>									
Oct 2017	DAGB	Future	43	16.8964	16.9107	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>53 384.00</u>
									<u>875 373 726.50</u>
<b>Future</b>									
Sep 2017	DAUS	Future	0	12.9090	13.0011	0.0000	0.0000	20,000	258,180,000.00
Sep 2017	DAUS	Future	75	12.8945	13.0011	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	75	12.9304	13.0373	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	1,289	12.9325	13.0394	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	3,013	12.9366	13.0437	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	90	12.9657	13.0725	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	834	12.9863	13.0926	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	913	12.9945	13.1006	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	13.0285	13.1349	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	13.0574	13.1653	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	13.0613	13.1693	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,750	13.0905	13.1993	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	13.1140	13.2231	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	13.2082	13.3182	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
May 2018	DAUS	Future	70	13.3765	13.4890	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	605	13.4755	13.5901	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	3,170	13.5094	13.6249	0.0000	0.0000	370	5,029,336.00		
Aug 2018	DAUS	Future	70	13.5546	13.6713	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.7372	13.8577	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.9232	14.0471	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.1179	15.2669	0.0000	0.0000	0	0.00		
			<u>101,848</u>					<u>20,370.00</u>	<u>263,209,336.00</u>	<u>6 308 493.00</u>	<u>75 371 840 762.20</u>

**Option**

Sep 2017	DAUS	12.45 Put	500	4.1770	2.9547	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	605.1180	516.7530	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	0.3151	0.5268	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.00 Call	500	48.5152	60.9719	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	239.7547	196.7088	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	631.8009	553.7075	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	48.5513	59.9422	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	0.7075	1.1020	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	660.8177	589.2442	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	0.6948	1.0719	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	691.0564	623.0351	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	1.0115	1.3226	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	511.7957	457.1836	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	118.0305	134.5242	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	106.4399	121.3364	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.25 Put	107,000	568.2770	512.7928	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.27 Put	154,000	580.4967	524.0916	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	40,904	599.0457	541.2698	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.40 Put	168,000	662.7303	601.7521	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	510.1757	459.4585	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	90.0094	101.1916	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1926.6747	1839.8784	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	174.8136	191.0478	0.0000	0.0000	0	0.00		
			<u>485,830</u>					<u>0.00</u>	<u>0.00</u>	<u>13 411 915.00</u>	<u>0.00</u>
<b>Total</b>			<b>587,678</b>					<b>20,370.00</b>	<b>263,209,336.00</b>	<b>19 720 408.00</b>	<b>75 371 840 762.20</b>

**Future**

Sep 2017	EUUS	Future	32	1.1889	1.1881	0.0000	0.0000	15	178,725.00		
Dec 2017	EUUS	Future	40	1.1948	1.1941	0.0000	0.0000	0	0.00		
			<u>72</u>					<u>15.00</u>	<u>178,725.00</u>	<u>627 866.00</u>	<u>7 039 332 178.00</u>
<b>Total</b>			<b>72</b>					<b>15.00</b>	<b>178,725.00</b>	<b>627 866.00</b>	<b>7 039 332 178.00</b>

**Future**

<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	25,771	10.2968	10.3069	10.2927	10.2927	250	2,573,175.00		
Dec 2017	ZAAD	Future	6,910	10.4306	10.4410	0.0000	0.0000	1	10,441.00		
Jun 2018	ZAAD	Future	1,500	10.6863	10.6979	0.0000	0.0000	0	0.00		
			<u>34,181</u>					<u>251.00</u>	<u>2,583,616.00</u>	<u>3 305 440.00</u>	<u>28 135 438 475.30</u>
	<b>Total</b>		<b>34,181</b>					<b>251.00</b>	<b>2,583,616.00</b>	<b>3 337 817.00</b>	<b>28 135 438 475.30</b>
<b>Future</b>											
Sep 2017	ZACA	Future	1,200	10.4313	10.3802	0.0000	0.0000	0	0.00		
Dec 2017	ZACA	Future	1,000	10.5859	10.5362	0.0000	0.0000	0	0.00		
			<u>2,200</u>					<u>0.00</u>	<u>0.00</u>	<u>98 303.00</u>	<u>938 509 572.10</u>
	<b>Total</b>		<b>2,200</b>					<b>0.00</b>	<b>0.00</b>	<b>98 303.00</b>	<b>938 509 572.10</b>
<b>Future</b>											
Sep 2017	ZACR	Future	10	1.9673	1.9725	0.0000	0.0000	0	0.00		
			<u>10</u>					<u>0.00</u>	<u>0.00</u>	<u>109 814.00</u>	<u>2 503 859 606.00</u>
	<b>Total</b>		<b>10</b>					<b>0.00</b>	<b>0.00</b>	<b>109 814.00</b>	<b>2 503 859 606.00</b>
<b>Future</b>											
Sep 2017	ZAEU	Future	111,518	15.3534	15.4695	15.4760	15.3479	10,460	161,580,540.30		
Dec 2017	ZAEU	Future	35,091	15.6477	15.7679	15.6885	15.6500	281	4,406,001.40		
Mar 2018	ZAEU	Future	10,307	15.9454	16.0677	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	1	16.2410	16.3672	0.0000	0.0000	0	0.00		
			<u>156,917</u>					<u>10,741.00</u>	<u>165,986,541.70</u>	<u>12 158 443.00</u>	<u>170 139 493 320.50</u>
	<b>Total</b>							<b>10,741.00</b>	<b>165,986,541.70</b>	<b>17 467 703.00</b>	<b>170 139 493 320.50</b>
<b>Option</b>											
Sep 2017	ZAEU	15.10 Put	16,000	65.6059	46.3797	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	14.00 Put	18,000	22.6068	20.9341	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	244.3707	280.0269	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	293.3002	261.3210	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	309.8597	276.6344	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	507.7708	556.4463	0.0000	0.0000	0	0.00		
			<u>77,801</u>					<u>0.00</u>	<u>0.00</u>	<u>5 309 260.00</u>	<u>0.00</u>
	<b>Total</b>		<b>234,718</b>					<b>10,741.00</b>	<b>165,986,541.70</b>	<b>17 467 703.00</b>	<b>170 139 493 320.50</b>
<b>Future</b>											
Sep 2017	ZAFR	Future	3,908	13.4224	13.5322	13.4860	13.4860	100	1,348,600.00		
Dec 2017	ZAFR	Future	1,150	13.6946	13.8081	13.7512	13.7512	100	1,375,120.00		
			<u>5,058</u>					<u>200.00</u>	<u>2,723,720.00</u>	<u>587 846.00</u>	<u>6 214 388 658.40</u>
	<b>Total</b>		<b>5,058</b>					<b>200.00</b>	<b>2,723,720.00</b>	<b>587 846.00</b>	<b>6 214 388 658.40</b>
<b>Future</b>											
Sep 2017	ZAGB	Future	192,481	16.7558	16.7722	16.7876	16.7712	1,284	21,546,122.80		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Dec 2017	ZAGB	Future	8,499	17.0444	17.0628	17.0818	17.0435	2,610	44,533,953.50
Mar 2018	ZAGB	Future	420	17.3311	17.3491	17.4000	17.3772	25	434,886.00
Jun 2018	ZAGB	Future	3,033	17.6122	17.6326	0.0000	0.0000	0	0.00
Sep 2018	ZAGB	Future	1,654	17.8919	17.9158	0.0000	0.0000	0	0.00
			<u>206,087</u>					<u>3,919.00</u>	<u>66,514,962.30</u>
<b>Option</b>									<u>8 621 911.00</u>
Sep 2017	ZAGB	16.70 Call	700	216.4269	234.7696	0.0000	0.0000	0	0.00
Sep 2017	ZAGB	18.50 Call	300	2.4954	3.1016	0.0000	0.0000	0	0.00
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>
<b>Total</b>			<b>207,087</b>					<b>3,919.00</b>	<b>66,514,962.30</b>
									<u>10 388 924.00</u>
									<u>142 889 909 353.40</u>
<b>Future</b>									
Sep 2017	ZAJY	Future	84	0.1173	0.1183	0.0000	0.0000	0	0.00
Dec 2017	ZAJY	Future	115	0.1195	0.1205	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>									
Sep 2017	ZAKS	Future	1,382	0.1254	0.1261	0.0000	0.0000	0	0.00
Jun 2018	ZAKS	Future	1,145	0.1234	0.1241	0.0000	0.0000	0	0.00
			<u>2,527</u>					<u>0.00</u>	<u>0.00</u>
<b>Total</b>			<b>2,527</b>					<b>0.00</b>	<b>0.00</b>
									<u>29 417.00</u>
									<u>400 402 950.00</u>
<b>Future</b>									
Sep 2017	ZAUM	Future	227	12.9136	13.0204	0.0000	0.0000	320	414,880,000.00
Dec 2017	ZAUM	Future	551	13.0964	13.2052	13.1355	13.1061	386	507,381,920.00
Mar 2018	ZAUM	Future	6	13.2744	13.3852	0.0000	0.0000	320	420,624,000.00
Jun 2018	ZAUM	Future	172	13.4491	13.5630	0.0000	0.0000	0	0.00
			<u>956</u>					<u>1,026.00</u>	<u>1,342,885,920.00</u>
<b>Total</b>			<b>956</b>					<b>1,026.00</b>	<b>1,342,885,920.00</b>
									<u>141 783.00</u>
									<u>162 119 875 970.00</u>
<b>Future</b>									
Sep 2017	ZAUS	Future	868,649	12.9136	13.0204	13.0157	12.8803	108,944	1,416,634,805.70
Dec 2017	ZAUS	Future	126,381	13.0964	13.2052	13.2000	13.0722	14,136	185,095,278.20
Mar 2018	ZAUS	Future	113,900	13.2744	13.3852	13.3438	13.2859	2,333	31,216,636.60
Jun 2018	ZAUS	Future	103,550	13.4491	13.5630	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	Future	400	13.6220	13.7404	0.0000	0.0000	0	0.00
Sep 2020	ZAUS	Future	184,000	15.2328	15.3843	0.0000	0.0000	0	0.00
			<u>1,396,880</u>					<u>125,413.00</u>	<u>1,632,946,720.50</u>
<b>Option</b>									<u>151 576 220.00</u>
Sep 2017	ZAUS	12.00 Put	37,202	1.8154	1.4594	0.0000	0.0000	590	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 2017	ZAUS	12.20 Put	1,000	4.8243	3.2867	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	6.1497	4.0468	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	6.4922	4.2199	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	91,184	22.3429	14.1678	0.0000	0.0000	10,184	0.00
Sep 2017	ZAUS	12.54 Put	1,000	27.0840	17.4656	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	28.4002	18.3881	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	35.8559	23.6645	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	232.6667	318.2760	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	69.0667	47.8760	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	84.6060	59.4835	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	137.4243	209.7536	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	158.0392	112.0769	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	96.7549	149.8017	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	183.1549	129.4017	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	283.6283	214.2270	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	291.4526	221.0512	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	45.2640	76.9222	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	331.6640	256.5222	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,250	373.5027	294.0766	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.35 Put	2,600	461.1529	374.5097	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	20.1648	37.3516	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	506.5648	416.9516	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	18.5703	34.6796	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	16.4071	31.0107	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	552.8071	460.6107	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	14.4921	27.7160	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	13.3392	25.7104	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	143,712	724.4026	625.3295	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	7.4239	14.5805	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	841.5293	739.7604	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	851.3457	749.4025	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	4.2792	8.4969	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	4.1282	8.1998	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	3.0027	5.9695	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	2.6142	5.1933	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	2.1311	4.2237	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	1.1130	2.1683	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1307.4510	1201.6325	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1407.1961	1301.0933	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	0.7749	1.4542	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1556.9386	1450.6171	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	0.4999	0.9451	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 2017	ZAUS	14.55 Call	1,084	0.4426	0.8385	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	0.2995	0.5711	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	0.2868	0.5471	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	0.1696	0.3261	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.0902	0.1187	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.1067	0.1174	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.1115	0.1180	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	0.1075	0.1212	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	0.0594	0.0918	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	0.0543	0.0841	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.0025	0.0042	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	26.4745	25.1798	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	50.3766	41.8201	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	84.8990	71.0752	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	128.5833	108.6573	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	157.6008	133.2949	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	209.8197	178.7396	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	368.1078	322.0267	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	422.4386	372.0604	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	434.2461	382.5373	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	470.5672	414.8944	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	20	379.3680	0.0000	0.0000	0.0000	20	0.00
Dec 2017	ZAUS	13.21 Put	5,000	489.2209	431.8174	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	360.9926	410.7339	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	580.4130	517.3509	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	614.5460	549.5600	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,516	281.4953	321.6313	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	209.1722	239.7334	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	1075.5081	992.0426	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	117.3725	134.5331	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1509.7306	1417.3401	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	93.1995	107.6247	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	64.8597	74.8094	0.0000	0.0000	2,580	0.00
Dec 2017	ZAUS	15.11 Call	1,900	58.3721	67.2769	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	57.8196	66.6343	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	40.5926	46.5995	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	22.3082	27.6415	0.0000	0.0000	2,600	0.00
Dec 2017	ZAUS	17.13 Call	18,000	3.9521	5.0537	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	3.3154	4.2522	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	0.8486	1.1231	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	123.8681	109.6185	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	227.0204	201.4292	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	12.50 Put	26,000	259.5821	231.2764	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	113,187	475.3316	429.0532	0.0000	0.0000	3,223	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	611.3126	558.1103	0.0000	0.0000	3,122	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	689.5405	631.9234	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	701.9492	643.6650	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.50 Call	100	539.8579	589.7066	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	1048.9512	978.0633	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.00 Call	767	390.5071	427.9829	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1254.5396	1177.1751	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	221.2448	244.5239	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	194.8219	215.3489	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	177.3009	195.9668	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	156.6338	173.0685	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	65,000	152.8369	168.8577	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	131.3679	145.0181	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	114.5945	124.9498	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	106.4324	114.5358	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	30.3293	24.1093	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	516.6124	473.2735	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	536.4676	492.0408	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	561.8277	516.0462	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	902.8725	842.2211	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	941.4801	879.4722	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	346.7254	374.9242	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	341.7169	369.5275	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	196.7672	211.0094	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	27.1805	20.2073	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	417.9349	385.2194	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	514.3998	476.8670	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	364.1255	389.0981	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	342.2002	365.3862	0.0000	0.0000	0	0.00		
			<u>2,329,061</u>					<u>22,319.00</u>	<u>0.00</u>	<u>37 581 555.00</u>	<u>0.00</u>
	<b>Total</b>		<b>3,725,941</b>					<b>147,732.00</b>	<b>1,632,946,720.50</b>	<b>189 157 775.00</b>	<b>1 762 723 202 065.40</b>
	<b>Grand Total</b>		<b>4,996,870</b>					<b>184,254.00</b>	<b>3 477 029 541.50</b>	<b>252,115,196</b>	<b>2,415,487,183,835.10</b>