



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 20-July-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
<b>Future</b>											
Jul 2017	DAEU	Future	800	15.1537	14.9067	0.0000	0.0000	0	0.00		
Jul 2017	DAEU	Future	2	15.1667	14.9200	0.0000	0.0000	0	0.00		
Aug 2017	DAEU	Future	800	15.2625	15.0159	0.0000	0.0000	0	0.00		
Sep 2017	DAEU	Future	800	15.3576	15.1115	0.0000	0.0000	0	0.00		
Oct 2017	DAEU	Future	800	15.4561	15.2102	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	15.5596	15.3143	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	15.6542	15.4102	0.0000	0.0000	0	0.00		
			<u>4,802</u>					<u>0.00</u>	<u>0.00</u>	<u>119 360.00</u>	<u>1 543 900 443.70</u>
<b>Total</b>			<b>4,802</b>					<b>0.00</b>	<b>0.00</b>	<b>408 960.00</b>	<b>1 543 900 443.70</b>
<b>Future</b>											
Jul 2017	DAGB	Future	25	16.9286	16.8755	0.0000	0.0000	0	0.00		
			<u>25</u>					<u>0.00</u>	<u>0.00</u>	<u>53 291.00</u>	<u>873 779 768.50</u>
<b>Total</b>			<b>25</b>					<b>0.00</b>	<b>0.00</b>	<b>244 404.00</b>	<b>873 779 768.50</b>
<b>Future</b>											
Jul 2017	DAUS	Future	70	13.0267	12.9273	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	909	13.0264	12.9387	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	8,323	13.0349	12.9475	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	1,350	13.0435	12.9563	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	13.0587	12.9716	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	910	13.0976	13.0111	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	202	13.0997	13.0132	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	3,635	13.1019	13.0154	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,289	13.1594	13.0741	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,930	13.1635	13.0783	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	13.2133	13.1292	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	913	13.2215	13.1376	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.2567	13.1736	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	915	13.2878	13.2053	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Dec 2017	DAUS	Future	1,750	13.3230	13.2413	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.3479	13.2667	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.4460	13.3670	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.6202	13.5451	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.8055	13.7348	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.9890	13.9270	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.1725	14.1193	0.0000	0.0000	0	0.00		
			<u>23,936</u>					<u>0.00</u>	<u>0.00</u>	<u>5 702 728.00</u>	<u>66 574 115 191.90</u>

**Option**

Jul 2017	DAUS	12.85 Put	20,000	9.8365	37.1787	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.25 Put	20,000	230.5040	330.7462	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.20 Put	2,000	212.1527	289.9470	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	14.30 Call	2,000	0.3623	0.3706	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.50 Put	60	484.1709	569.4356	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	16.53 Call	60	0.2078	0.2354	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.12 Put	20,000	235.0342	295.8279	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.35 Put	34,000	394.7374	466.1994	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.50 Put	60	531.3697	602.7940	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	1.7026	1.6806	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	574.1608	635.0435	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	2.9903	2.2709	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	276.2178	317.7440	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	607.6578	667.4480	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	185.4223	172.0121	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	3.1982	2.9851	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	637.6668	693.0501	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	16.5901	14.9166	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	657.1946	709.8049	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	24.7707	22.6716	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	491.9280	535.9476	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	236.2867	222.6210	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	217.9374	205.3094	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	7,904	563.7025	608.6635	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	483.3091	525.0409	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	177.1118	167.8426	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1803.2223	1862.3807	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	267.5732	256.2775	0.0000	0.0000	0	0.00		
			<u>121,070</u>					<u>0.00</u>	<u>0.00</u>	<u>12 579 406.00</u>	<u>0.00</u>
<b>Total</b>			<b>145,006</b>					<b>0.00</b>	<b>0.00</b>	<b>18 282 134.00</b>	<b>66 574 115 191.90</b>

**Future**

Sep 2017	EUUS	Future	5,212	1.1665	1.1553	0.0000	0.0000	5,210	60,813,550.00
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DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
			5,212					5,210.00	60,813,550.00	548 343.00	6 101 457 425.00
		<b>Total</b>	<b>5,212</b>					<b>5,210.00</b>	<b>60,813,550.00</b>	548 343.00	6 101 457 425.00
<b>Future</b>											
	Sep 2017 GBUS	Future	9,929	1.3007	1.3054	0.0000	0.0000	0	0.00		
			9,929					0.00	0.00	138 205.00	1 764 326 605.00
		<b>Total</b>	<b>9,929</b>					<b>0.00</b>	<b>0.00</b>	138 205.00	1 764 326 605.00
<b>Future</b>											
	Sep 2017 ZAAD	Future	24,855	10.4476	10.3524	0.0000	0.0000	0	0.00		
	Dec 2017 ZAAD	Future	4,749	10.5848	10.4925	0.0000	0.0000	0	0.00		
	Jun 2018 ZAAD	Future	1,500	10.8479	10.7603	0.0000	0.0000	0	0.00		
			31,104					0.00	0.00	3 298 414.00	28 060 800 912.60
		<b>Total</b>	<b>31,104</b>					<b>0.00</b>	<b>0.00</b>	3 330 791.00	28 060 800 912.60
<b>Future</b>											
	Sep 2017 ZACA	Future	370	10.4785	10.3759	0.0000	0.0000	0	0.00		
	Dec 2017 ZACA	Future	750	10.6385	10.5384	0.0000	0.0000	0	0.00		
			1,120					0.00	0.00	96 533.00	919 831 387.10
		<b>Total</b>	<b>1,120</b>					<b>0.00</b>	<b>0.00</b>	96 533.00	919 831 387.10
<b>Future</b>											
	Sep 2017 ZACR	Future	10	1.9382	1.9267	0.0000	0.0000	0	0.00		
			10					0.00	0.00	109 814.00	2 503 859 606.00
		<b>Total</b>	<b>10</b>					<b>0.00</b>	<b>0.00</b>	109 814.00	2 503 859 606.00
<b>Future</b>											
	Sep 2017 ZAEU	Future	94,649	15.3281	15.0818	15.3468	15.0900	619	9,379,085.50		
	Dec 2017 ZAEU	Future	24,219	15.6248	15.3797	15.4500	15.3927	1,035	15,956,989.50		
	Mar 2018 ZAEU	Future	10,307	15.9256	15.6818	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	Future	1	16.2227	15.9799	0.0000	0.0000	1,000	16,132,400.00		
			129,176					2,654.00	41,468,475.00	12 038 509.00	168 259 453 743.90
<b>Option</b>											
	Dec 2017 ZAEU	14.00 Put	18,000	67.4487	98.9716	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	16.39 Call	18,000	360.1028	303.1813	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.05 Put	5,648	373.0832	466.8178	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.10 Put	19,510	391.4152	489.3660	0.0000	0.0000	0	0.00		
			61,158					0.00	0.00	5 291 974.00	0.00
		<b>Total</b>	<b>190,334</b>					<b>2,654.00</b>	<b>41,468,475.00</b>	17 330 483.00	168 259 453 743.90

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	ZAFR	Future	1,215	13.8599	13.7280	13.6831	13.6831	100	1,368,310.00		
Dec 2017	ZAFR	Future	500	14.1425	14.0129	0.0000	0.0000	0	0.00		
			<u>1,715</u>					<u>100.00</u>	<u>1,368,310.00</u>	<u>581 740.00</u>	<u>6 130 293 882.00</u>
	<b>Total</b>		<b>1,715</b>					<b>100.00</b>	<b>1,368,310.00</b>	581 740.00	6 130 293 882.00
<b>Future</b>											
Sep 2017	ZAGB	Future	30,283	17.0919	17.0417	17.1292	16.9676	8,244	140,396,183.80		
Dec 2017	ZAGB	Future	7,997	17.3867	17.3418	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	Future	420	17.6799	17.6409	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	17.9673	17.9339	0.0000	0.0000	0	0.00		
			<u>41,733</u>					<u>8,244.00</u>	<u>140,396,183.80</u>	<u>8 396 570.00</u>	<u>138 949 679 134.80</u>
<b>Option</b>											
Sep 2017	ZAGB	16.70 Call	700	639.2286	623.3569	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	700	90.3501	93.0387	0.0000	0.0000	0	0.00		
			<u>1,400</u>					<u>0.00</u>	<u>0.00</u>	<u>1 766 013.00</u>	<u>0.00</u>
	<b>Total</b>		<b>43,133</b>					<b>8,244.00</b>	<b>140,396,183.80</b>	10 162 583.00	138 949 679 134.80
<b>Future</b>											
Sep 2017	ZAJY	Future	5,992	0.1178	0.1171	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1201	0.1194	0.0000	0.0000	0	0.00		
			<u>6,107</u>					<u>0.00</u>	<u>0.00</u>	<u>946 588.00</u>	<u>10 541 490 954.90</u>
	<b>Total</b>		<b>6,107</b>					<b>0.00</b>	<b>0.00</b>	946 588.00	10 541 490 954.90
<b>Future</b>											
Sep 2017	ZAKS	Future	1,382	0.1253	0.1244	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1241	0.1227	0.0000	0.0000	0	0.00		
			<u>2,527</u>					<u>0.00</u>	<u>0.00</u>	<u>29 417.00</u>	<u>400 402 950.00</u>
	<b>Total</b>		<b>2,527</b>					<b>0.00</b>	<b>0.00</b>	29 417.00	400 402 950.00
<b>Future</b>											
Sep 2017	ZAUM	Future	419	13.1403	13.0548	13.1358	13.0869	3	3,932,460.00		
Dec 2017	ZAUM	Future	74	13.3292	13.2476	13.2837	13.2837	1	1,328,370.00		
Mar 2018	ZAUM	Future	4	13.5144	13.4371	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	182	13.6949	13.6210	0.0000	0.0000	0	0.00		
			<u>679</u>					<u>4.00</u>	<u>5,260,830.00</u>	<u>139 338.00</u>	<u>158 887 183 060.00</u>
	<b>Total</b>		<b>679</b>					<b>4.00</b>	<b>5,260,830.00</b>	143 861.00	158 887 183 060.00
<b>Future</b>											
Sep 2017	ZAUS	Future	793,143	13.1403	13.0548	13.1850	13.0753	61,969	812,867,423.10		
Dec 2017	ZAUS	Future	120,216	13.3292	13.2476	13.2963	13.2787	1,012	13,464,083.10		
Mar 2018	ZAUS	Future	21,396	13.5144	13.4371	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	Future	3,845	13.6949	13.6210	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	Future	400	13.8753	13.8079	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	Future	2,500	14.2383	14.1882	0.0000	0.0000	1,000	14,215,000.00
			<u>941,500</u>					<u>63,981.00</u>	<u>840,546,506.20</u>
									<u>149 314 443.00</u>
									<u>1 732 644 876 145.90</u>

**Option**

Sep 2017	ZAUS	12.00 Put	37,202	16.5187	22.3319	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	32.3125	41.4013	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	37.7450	47.8084	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	38.9140	49.1796	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	33,025	76.6521	95.7875	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	88.4938	109.5656	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	101.5429	124.6061	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	538.5318	482.3473	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	148.2318	177.5473	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	166.3904	197.8457	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	446.9686	397.2323	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	392.5291	347.0693	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	11,600	252.2291	292.2693	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	324.6958	373.0526	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	330.2482	379.2853	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	300.3648	265.9329	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	360.0648	411.1329	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,100	391.0665	444.0870	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	230.9717	203.8730	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	490.6717	549.0730	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	216.2082	190.7391	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	525.9082	585.9391	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	207.8011	183.2700	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	6,020	202.3756	178.4571	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	186,712	660.1269	725.3671	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	165.9883	146.2461	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	755.2169	823.0628	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	763.3197	831.3288	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	136.2825	119.4307	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	134.4400	117.8134	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	118.9557	104.2373	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	112.6705	98.7342	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	103.8743	91.0411	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	79.3727	69.6557	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1156.9821	1233.0343	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1247.3717	1324.6633	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	66.7830	58.6897	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	14.47 Put	150	1384.9095	1462.0649	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	52.5352	44.5719	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	48.3411	40.9804	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	36.2819	30.6880	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	35.0631	29.6515	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	22.3379	18.8601	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	4.7932	4.8445	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	4.1456	4.0744	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	4.0258	3.9290	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	3.7401	3.5755	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	3.5996	3.1609	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	3.5815	3.0040	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.7524	0.5363	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	47.7475	56.0009	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	68.5042	82.8362	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	105.6485	124.6220	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	149.8427	173.3711	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	177.4864	203.5057	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	224.9051	255.8462	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	2,580	371.6607	412.7431	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	421.5332	465.0174	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	431.9007	475.8526	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	463.7673	509.1010	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	480.1250	526.1349	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	581.5743	546.8673	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	560.1095	610.0818	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	590.5032	641.5520	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	482.6038	454.1090	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	386.8326	363.7663	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	1005.1675	1066.7871	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1405.1884	1473.1283	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	164.1510	153.7935	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	151.6514	142.1070	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	150.5697	141.0932	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	115.2104	108.0448	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	82.2718	77.8239	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	45.1917	43.3484	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	42.9291	41.2357	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	21.3574	19.5433	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	36,000	245.3313	271.0057	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	63,187	439.1150	475.9992	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	5,600	565.9200	607.5510	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	13.38 Put	2,500	638.1338	682.0751	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.91 Put	7,000	971.9946	1024.1966	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	14.18 Put	41,000	1163.3242	1219.2541	0.0000	0.0000	28,000	0.00	
Mar 2018	ZAUS	14.91 Call	8,395	341.2739	326.0188	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	15.11 Call	2,500	306.6243	292.8892	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	15.46 Call	3,867	255.2027	243.7334	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	15.50 Call	40,000	249.9857	238.7492	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	15.75 Call	15,000	220.0923	210.1819	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	16.00 Call	750	194.3619	185.5957	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.00 Put	750	27.0989	29.6122	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.96 Put	2,700	469.2449	501.8352	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.00 Put	760	486.3541	520.8931	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.05 Put	750	509.9240	545.2314	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	829.7660	873.0664	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	15.11 Call	760	467.6688	450.0613	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	15.14 Call	2,700	461.6612	444.3032	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	16.38 Call	750	278.1468	270.0846	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.00 Put	750	29.7266	28.9653	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.85 Put	750	473.9528	500.6877	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.14 Call	750	455.4644	442.6168	0.0000	0.0000	0	0.00	
			<u>1,544,126</u>					<u>28,000.00</u>	<u>0.00</u>	<u>35 840 809.00</u>
		<b>Total</b>	<b>2,485,626</b>					<b>91,981.00</b>	<b>840,546,506.20</b>	<b>185 155 252.00</b>
		<b>Grand Total</b>	<b>2,927,329</b>					<b>108,193.00</b>	<b>1 089 853 855.00</b>	<b>245,782,869</b>
										<b>2,364,386,860,613.80</b>