



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 18-July-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME
<b>Future</b>										
Jul 2017	DAEU	Future	800	14.9983	14.8527	0.0000	0.0000	0	0.00	
Jul 2017	DAEU	Future	2	15.0117	14.8660	0.0000	0.0000	0	0.00	
Aug 2017	DAEU	Future	800	15.1088	14.9614	0.0000	0.0000	0	0.00	
Sep 2017	DAEU	Future	800	15.2049	15.0562	0.0000	0.0000	0	0.00	
Oct 2017	DAEU	Future	800	15.3036	15.1540	0.0000	0.0000	0	0.00	
Nov 2017	DAEU	Future	800	15.4084	15.2575	0.0000	0.0000	0	0.00	
Dec 2017	DAEU	Future	800	15.5050	15.3529	0.0000	0.0000	0	0.00	
			<u>4,802</u>					<i>0.00</i>	<i>0.00</i>	<i>119,360.00</i>
		<b>Total</b>	<b>4,802</b>					<b>0.00</b>	<b>0.00</b>	<b>408,960.00</b>
<b>Future</b>										
Jul 2017	DAGB	Future	25	16.8684	16.9261	0.0000	0.0000	0	0.00	
			<u>25</u>					<i>0.00</i>	<i>0.00</i>	<i>53,291.00</i>
		<b>Total</b>	<b>25</b>					<b>0.00</b>	<b>0.00</b>	<b>244,404.00</b>
<b>Future</b>										
Jul 2017	DAUS	Future	1,080	12.9323	12.9279	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	Future	70	12.9323	12.9303	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	Future	909	12.9460	12.9440	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	Future	8,323	12.9548	12.9528	0.0000	0.0000	11	142,433.50	
Aug 2017	DAUS	Future	1,350	12.9637	12.9616	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	Future	70	12.9791	12.9769	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	Future	910	13.0186	13.0163	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	Future	202	13.0208	13.0184	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	Future	3,635	13.0229	13.0206	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	Future	1,289	13.0812	13.0787	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	Future	1,930	13.0854	13.0830	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	Future	334	13.1361	13.1335	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	Future	913	13.1445	13.1420	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	Future	70	13.1806	13.1779	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Nov 2017	DAUS	Future	915	13.2124	13.2096	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,750	13.2484	13.2455	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.2738	13.2708	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.3743	13.3710	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.5522	13.5489	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.7418	13.7380	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.9338	13.9296	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.1257	14.1212	0.0000	0.0000	0	0.00		
			<u>25,016</u>					<u>11.00</u>	<u>142,433.50</u>	<u>5,701,648.00</u>	<u>66,560,166,127.90</u>

Option

Jul 2017	DAUS	12.85 Put	20,000	46.1013	60.4761	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.25 Put	20,000	330.2300	337.5106	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.20 Put	2,000	289.7170	298.8050	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	14.30 Call	2,000	0.4142	0.5782	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.50 Put	60	564.7210	568.8272	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	16.53 Call	60	0.2612	0.1819	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.12 Put	20,000	303.3592	310.6173	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.35 Put	34,000	471.0729	477.8692	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.50 Put	60	606.2406	613.6728	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	2.1138	2.1056	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	639.8661	648.0326	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	3.1820	2.4836	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	325.0461	329.7386	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	672.7276	678.4320	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	180.8172	184.0109	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	3.5542	3.3125	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	698.6435	702.9526	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	16.7775	17.9046	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	715.7314	719.0936	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	24.7966	25.4848	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	542.7365	545.1598	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	231.1352	232.1454	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	213.4049	214.4453	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	7,904	614.8025	617.3378	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	531.3812	533.5918	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	174.2086	175.2796	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1862.8590	1867.8374	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	262.1240	264.2489	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>146,086</b>					<b>11.00</b>	<b>142,433.50</b>	<b>18,281,054.00</b>	<b>66,560,166,127.90</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	EUUS	Future	2	1.1618	1.1506	1.1565	1.1565	60	693,900.00		
			2					60.00	693,900.00	543,133.00	6,040,643,875.00
		<b>Total</b>	<b>2</b>					<b>60.00</b>	<b>693,900.00</b>	543,133.00	6,040,643,875.00
<b>Future</b>											
Sep 2017	GBUS	Future	9,929	1.3042	1.3088	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	24,628	10.3427	10.2052	10.3719	10.3719	250	2,592,975.00		
Dec 2017	ZAAD	Future	4,499	10.4826	10.3434	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	1,500	10.7518	10.6115	0.0000	0.0000	0	0.00		
			30,627					250.00	2,592,975.00	3,297,641.00	28,052,720,186.00
		<b>Total</b>	<b>30,627</b>					<b>250.00</b>	<b>2,592,975.00</b>	3,330,018.00	28,052,720,186.00
<b>Future</b>											
Sep 2017	ZACA	Future	370	10.3458	10.3354	0.0000	0.0000	0	0.00		
Dec 2017	ZACA	Future	750	10.5073	10.4960	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	1.9309	1.9239	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	94,325	15.1751	15.0268	15.2051	15.1030	330	4,988,413.30		
Dec 2017	ZAEU	Future	23,869	15.4741	15.3224	15.4668	15.3803	758	11,714,113.20		
Mar 2018	ZAEU	Future	10,307	15.7783	15.6230	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	1,001	16.0768	15.9184	0.0000	0.0000	0	0.00		
			129,502					1,088.00	16,702,526.50	12,035,009.00	168,205,223,012.40
<b>Option</b>											
Dec 2017	ZAEU	14.00 Put	18,000	87.4154	111.1454	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	333.9141	299.7607	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	430.8360	496.0220	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	452.5553	519.5113	0.0000	0.0000	0	0.00		
			61,158					0.00	0.00	5,291,974.00	0.00
		<b>Total</b>	<b>190,660</b>					<b>1,088.00</b>	<b>16,702,526.50</b>	17,326,983.00	168,205,223,012.40

<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	ZAFR	Future	1,308	13.7651	13.6127	0.0000	0.0000	0	0.00		
Dec 2017	ZAFR	Future	500	14.0510	13.8950	0.0000	0.0000	0	0.00		
			<u>1,808</u>					<u>0.00</u>	<u>0.00</u>	<u>581,640.00</u>	<u>6,128,925,572.00</u>
		<b>Total</b>	<b>1,808</b>					<b>0.00</b>	<b>0.00</b>	<b>581,640.00</b>	<b>6,128,925,572.00</b>
<b>Future</b>											
Sep 2017	ZAGB	Future	35,202	17.0351	17.0919	17.1775	17.0500	894	15,334,922.00		
Dec 2017	ZAGB	Future	7,997	17.3353	17.3910	17.3500	17.3500	12	208,200.00		
Mar 2018	ZAGB	Future	420	17.6347	17.6890	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	17.9263	17.9803	0.0000	0.0000	0	0.00		
			<u>46,652</u>					<u>906.00</u>	<u>15,543,122.00</u>	<u>8,387,706.00</u>	<u>138,798,716,355.40</u>
		<b>Total</b>						<b>906.00</b>	<b>15,543,122.00</b>	<b>10,153,719.00</b>	<b>138,798,716,355.40</b>
<b>Option</b>											
Sep 2017	ZAGB	16.70 Call	700	622.7575	662.4624	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	700	94.2213	104.7497	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>48,052</b>					<b>906.00</b>	<b>15,543,122.00</b>	<b>10,153,719.00</b>	<b>138,798,716,355.40</b>
<b>Future</b>											
Sep 2017	ZAJY	Future	5,992	0.1171	0.1161	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1194	0.1183	0.0000	0.0000	0	0.00		
			<u>6,107</u>					<u>0.00</u>	<u>0.00</u>	<u>946,559.00</u>	<u>10,541,151,393.90</u>
		<b>Total</b>	<b>6,107</b>					<b>0.00</b>	<b>0.00</b>	<b>946,559.00</b>	<b>10,541,151,393.90</b>
<b>Future</b>											
Sep 2017	ZAKS	Future	1,382	0.1245	0.1244	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1232	0.1230	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>	<b>29,417.00</b>	<b>400,402,950.00</b>
<b>Future</b>											
Sep 2017	ZAUM	Future	407	13.0621	13.0597	13.0855	13.0653	6	7,845,530.00		
Dec 2017	ZAUM	Future	72	13.2547	13.2518	13.2590	13.2542	6	7,953,000.00		
Mar 2018	ZAUM	Future	4	13.4444	13.4412	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	182	13.6280	13.6244	0.0000	0.0000	0	0.00		
			<u>665</u>					<u>12.00</u>	<u>15,798,530.00</u>	<u>139,310.00</u>	<u>158,850,554,610.00</u>
		<b>Total</b>	<b>665</b>					<b>12.00</b>	<b>15,798,530.00</b>	<b>143,833.00</b>	<b>158,850,554,610.00</b>
<b>Future</b>											
Sep 2017	ZAUS	Future	801,117	13.0621	13.0597	13.1056	13.0483	33,701	440,601,251.70		
Dec 2017	ZAUS	Future	120,801	13.2547	13.2518	13.2869	13.2542	1,387	18,419,345.30		

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Mar 2018	ZAUS	Future	21,396	13.4444	13.4412	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	3,845	13.6280	13.6244	13.6298	13.6298	10	136,610.00		
Sep 2018	ZAUS	Future	400	13.8149	13.8109	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	1,500	14.1946	14.1899	0.0000	0.0000	0	0.00		
			<u>949,059</u>					<u>35,098.00</u>	<u>459,157,207.00</u>	<u>149,179,902.00</u>	<u>1,730,879,494,670.10</u>

Option

Sep 2017	ZAUS	12.00 Put	37,202	23.8946	25.1306	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	44.6365	47.4139	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	51.5718	54.8490	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	53.0549	56.4360	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	33,025	102.0272	107.8656	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	116.0879	122.3233	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	131.3784	138.0019	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	496.9442	502.2291	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	184.8442	192.5291	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	205.2358	213.2341	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	411.9814	418.1343	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	361.7094	368.3069	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	11,600	299.6094	308.6069	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	379.8202	389.1498	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	385.9945	395.3364	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	279.6396	286.6212	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	417.5396	426.9212	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,100	450.1665	459.5630	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	216.1595	223.0742	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	554.0595	563.3742	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	202.6353	209.4882	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	590.5353	599.7882	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	194.9300	201.7355	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	6,020	189.9579	196.7296	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	186,712	728.5252	737.4292	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	156.5439	163.0002	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	825.2895	833.9126	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	833.4829	842.0801	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	128.5894	134.6921	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	126.8987	132.9775	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	112.6746	118.5209	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	106.8900	112.6291	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	98.7843	104.3574	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	76.1243	81.1223	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1232.0826	1239.4236	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1323.1431	1330.1958	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	14.33 Call	3,000	64.4149	69.0395	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1459.9639	1467.0909	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	49.6641	54.4137	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	45.8952	50.6677	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	35.0073	39.7402	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	33.9021	38.6191	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	22.2571	26.6358	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	5.9983	7.2564	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	4.7730	4.8330	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	4.5395	4.3898	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	3.9651	3.3317	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	3.4394	2.6800	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	3.2711	2.5425	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.5993	0.4277	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	59.3095	59.7812	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	87.6589	88.1698	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	130.2907	131.1670	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	179.6436	180.9246	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	210.0193	211.5304	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	262.6287	264.5025	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	2,580	419.7231	422.3936	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	471.9146	474.8083	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	482.7252	485.6606	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	515.8902	518.9519	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	532.8755	536.0025	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	560.6374	560.9432	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	616.4495	619.8130	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	647.7476	651.1874	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	467.0445	467.7279	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	375.4668	376.5024	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	1070.5279	1074.6423	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1474.8050	1479.1976	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	160.7276	162.2376	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	148.6732	150.1688	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	147.6268	149.1209	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	113.4293	114.8457	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	82.1078	83.4149	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	46.7712	47.9823	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	44.5890	45.7871	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	21.5008	22.2276	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	36,000	275.8808	277.2893	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	63,187	480.9792	483.2253	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	13.25 Put	5,600	612.2798	614.9821	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	686.6088	689.5373	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	1027.4038	1031.0300	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1221.6602	1225.5593	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	333.6219	334.8310	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	300.0006	301.3009	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	250.0355	251.4523	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	40,000	244.9608	246.3876	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	215.8593	217.3383	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	190.7768	192.2857	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	26.1154	26.5978	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	504.8226	508.8973	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	523.8661	528.0077	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	548.1901	552.4065	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	875.7687	880.5255	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	457.3017	459.0098	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	451.4433	453.2178	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	272.3288	277.3693	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	25.2612	25.4645	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	503.7607	505.9982	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	448.1265	452.3842	0.0000	0.0000	0	0.00		
			<u>1,544,126</u>					<u>0.00</u>	<u>0.00</u>	<u>35,810,209.00</u>	<u>0.00</u>
	<b>Total</b>		<b>2,493,185</b>					<b>35,098.00</b>	<b>459,157,207.00</b>	<b>184,990,111.00</b>	<b>1,730,879,494,670.10</b>
	<b>Grand Total</b>		<b>2,935,605</b>					<b>37,425.00</b>	<b>510,630,694.00</b>	<b>245,597,694</b>	<b>2,362,285,799,515.50</b>