



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 11-September-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Sep 2017	DAEU	Future	800	15.5474	15.6082	0.0000	0.0000	0	0.00		
Oct 2017	DAEU	Future	800	15.6457	15.7068	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	15.7484	15.8099	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	15.8436	15.9058	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	496.8660	474.2911	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	17.2124	17.2213	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	12.9633	12.9703	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,239	12.9654	12.9724	0.0000	0.0000	50	647,155.00		
Sep 2017	DAUS	Future	1,801	12.9695	12.9765	0.0000	0.0000	1,212	15,696,975.60		
Oct 2017	DAUS	Future	90	12.9981	13.0051	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	834	13.0183	13.0253	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	913	13.0263	13.0334	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.0606	13.0678	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.0902	13.0974	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	13.0941	13.1013	0.0000	0.0000	2,708	35,461,260.00		
Dec 2017	DAUS	Future	1,750	13.1237	13.1310	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.1476	13.1549	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.2430	13.2505	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.4138	13.4218	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	605	13.5150	13.5234	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	13.5499	13.5583	0.0000	0.0000	3,170	42,955,085.00
Aug 2018	DAUS	Future	70	13.5964	13.6049	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.7799	13.7891	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	13.9660	13.9761	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	15.1635	15.1733	0.0000	0.0000	0	0.00
			<u>99,141</u>					<u>7,140.00</u>	<u>94,760,475.60</u>
									<u>6 315 783.00</u>
									<u>75 468 539 222.80</u>
<b>Option</b>									
Sep 2017	DAUS	12.50 Put	0	13.4922	16.6526	0.0000	0.0000	20,000	0.00
Sep 2017	DAUS	12.75 Put	20,000	48.1146	57.6975	0.0000	0.0000	0	0.00
Sep 2017	DAUS	13.50 Put	60	555.7393	556.7394	0.0000	0.0000	0	0.00
Sep 2017	DAUS	17.13 Call	60	0.0608	0.0414	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.68 Put	15,000	58.3343	65.8288	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.40 Call	15,000	60.9472	70.0879	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.00 Call	500	37.7058	42.1290	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.92 Put	1,000	199.9674	206.1518	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	585.2333	587.0312	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	38.7463	42.8626	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	0.5018	0.6609	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	617.7805	622.4072	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	0.5955	0.8234	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	112,000	187.5597	195.3871	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	647.1640	653.6065	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	0.8361	0.9824	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	473.6745	480.0897	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	111.0389	117.3220	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	99.7744	105.5303	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	533.2130	538.5197	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	545.2505	550.4868	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	563.5338	568.6629	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	626.4160	631.1633	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	2,723	477.2467	482.9044	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	85.9838	89.8378	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1891.1656	1888.4414	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	174.6094	177.8920	0.0000	0.0000	0	0.00
			<u>647,330</u>					<u>20,000.00</u>	<u>0.00</u>
		<b>Total</b>	<b>746,471</b>					<b>27,140.00</b>	<b>94,760,475.60</b>
									<u>13 614 114.00</u>
									<u>75 468 539 222.80</u>
<b>Future</b>									
Sep 2017	EUUS	Future	5,150	1.1986	1.2026	0.0000	0.0000	0	0.00
Dec 2017	EUUS	Future	0	1.2044	1.2084	1.2073	1.2073	40	482,920.00
			<u>5,150</u>					<u>40.00</u>	<u>482,920.00</u>
									<u>633 028.00</u>
									<u>7 101 570 792.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
<b>Total</b>			<b>5,150</b>					<b>40.00</b>	<b>482,920.00</b>	633 028.00	7 101 570 792.00
<b>Future</b>											
Sep 2017	ZAAD	Future	24,117	10.4023	10.4433	10.4197	10.3917	1,659	17,271,158.30		
Dec 2017	ZAAD	Future	7,019	10.5374	10.5787	10.5629	10.5629	9	95,066.10		
Jun 2018	ZAAD	Future	1,500	10.7991	10.8412	0.0000	0.0000	0	0.00		
			<b>32,636</b>					<b>1,668.00</b>	<b>17,366,224.40</b>	<b>3 319 031.00</b>	<b>28 276 082 055.10</b>
<b>Total</b>			<b>32,636</b>					<b>1,668.00</b>	<b>17,366,224.40</b>	<b>3 351 408.00</b>	<b>28 276 082 055.10</b>
<b>Future</b>											
Sep 2017	ZACA	Future	1,200	10.6684	10.6567	0.0000	0.0000	0	0.00		
Dec 2017	ZACA	Future	500	10.8223	10.8105	0.0000	0.0000	0	0.00		
			<b>1,700</b>					<b>0.00</b>	<b>0.00</b>	<b>99 103.00</b>	<b>947 090 222.10</b>
<b>Total</b>			<b>1,700</b>					<b>0.00</b>	<b>0.00</b>	<b>99 103.00</b>	<b>947 090 222.10</b>
<b>Future</b>											
Sep 2017	ZACR	Future	10	1.9811	1.9875	0.0000	0.0000	0	0.00		
			<b>10</b>					<b>0.00</b>	<b>0.00</b>	<b>109 814.00</b>	<b>2 503 859 606.00</b>
<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	98,932	15.5182	15.5788	15.5154	15.5125	388	6,022,146.00		
Dec 2017	ZAEU	Future	31,595	15.8131	15.8751	15.8513	15.8088	524	8,284,819.10		
Mar 2018	ZAEU	Future	10,307	16.1143	16.1775	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	1	16.4148	16.4790	0.0000	0.0000	0	0.00		
			<b>140,835</b>					<b>912.00</b>	<b>14,306,965.10</b>	<b>12 208 020.00</b>	<b>170 908 323 990.90</b>
<b>Option</b>											
Sep 2017	ZAEU	15.10 Put	16,000	10.7723	15.2563	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	14.00 Put	18,000	14.5910	14.4068	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	263.4055	291.7434	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	239.4831	227.9157	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	253.9335	241.7585	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	558.7620	586.8990	0.0000	0.0000	0	0.00		
			<b>77,801</b>					<b>0.00</b>	<b>0.00</b>	<b>5 309 260.00</b>	<b>0.00</b>
<b>Total</b>			<b>218,636</b>					<b>912.00</b>	<b>14,306,965.10</b>	<b>17 517 280.00</b>	<b>170 908 323 990.90</b>
<b>Future</b>											
Sep 2017	ZAFR	Future	3,658	13.6059	13.6708	0.0000	0.0000	0	0.00		
Dec 2017	ZAFR	Future	1,150	13.8794	13.9460	13.9243	13.8523	900	12,498,155.00		
			<b>4,808</b>					<b>900.00</b>	<b>12,498,155.00</b>	<b>589 246.00</b>	<b>6 233 687 153.40</b>
<b>Total</b>			<b>4,808</b>					<b>900.00</b>	<b>12,498,155.00</b>	<b>589 246.00</b>	<b>6 233 687 153.40</b>

<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	ZAGB	Future	192,342	17.0731	17.0816	17.0823	17.0823	436	7,457,982.90		
Dec 2017	ZAGB	Future	6,185	17.3638	17.3731	17.3876	17.3300	407	7,068,502.00		
Mar 2018	ZAGB	Future	420	17.6560	17.6662	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	17.9431	17.9552	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	18.2299	18.2435	0.0000	0.0000	0	0.00		
			<u>203,634</u>					<u>843.00</u>	<u>14,526,484.90</u>	<u>8 629 743.00</u>	<u>143 022 720 245.50</u>
<b>Option</b>											
Sep 2017	ZAGB	16.70 Call	700	401.1905	423.2624	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	1.0292	2.3001	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>204,634</b>					<b>843.00</b>	<b>14,526,484.90</b>	<b>10 396 756.00</b>	<b>143 022 720 245.50</b>
<b>Future</b>											
Sep 2017	ZAJY	Future	84	0.1189	0.1200	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1211	0.1223	0.0000	0.0000	0	0.00		
			<u>199</u>					<u>0.00</u>	<u>0.00</u>	<u>952 496.00</u>	<u>10 613 422 776.50</u>
<b>Total</b>			<b>199</b>					<b>0.00</b>	<b>0.00</b>	<b>952 496.00</b>	<b>10 613 422 776.50</b>
<b>Future</b>											
Jun 2018	ZAKS	Future	1,145	0.1241	0.1245	0.0000	0.0000	0	0.00		
			<u>1,145</u>					<u>0.00</u>	<u>0.00</u>	<u>30 799.00</u>	<u>417 691 770.00</u>
<b>Total</b>			<b>1,145</b>					<b>0.00</b>	<b>0.00</b>	<b>30 799.00</b>	<b>417 691 770.00</b>
<b>Future</b>											
Sep 2017	ZAUM	Future	243	12.9469	12.9539	12.9595	12.9163	22	28,462,260.00		
Dec 2017	ZAUM	Future	547	13.1297	13.1369	13.1008	13.0983	6	7,860,230.00		
Mar 2018	ZAUM	Future	7	13.3104	13.3180	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	172	13.4878	13.4962	0.0000	0.0000	0	0.00		
			<u>969</u>					<u>28.00</u>	<u>36,322,490.00</u>	<u>142 226.00</u>	<u>162 694 842 610.00</u>
<b>Total</b>			<b>969</b>					<b>28.00</b>	<b>36,322,490.00</b>	<b>146 749.00</b>	<b>162 694 842 610.00</b>
<b>Future</b>											
Sep 2017	ZAUS	Future	805,572	12.9469	12.9539	12.9642	12.8950	17,311	224,259,481.40		
Dec 2017	ZAUS	Future	191,370	13.1297	13.1369	13.1553	13.0700	16,857	221,495,327.90		
Mar 2018	ZAUS	Future	110,237	13.3104	13.3180	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	102,600	13.4878	13.4962	0.0000	0.0000	6,274	84,512,393.70		
Sep 2018	ZAUS	Future	400	13.6646	13.6733	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.2792	15.2886	0.0000	0.0000	0	0.00		
			<u>1,394,179</u>					<u>40,442.00</u>	<u>530,267,203.00</u>	<u>152 056 454.00</u>	<u>1 768 975 901 157.60</u>
<b>Option</b>											

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Sep 2017	ZAUS	12.00 Put	37,202	0.1836	0.3991	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	0.7300	1.5143	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	1.0317	2.0969	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	1.1056	2.2370	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	91,184	5.3636	9.9489	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	6.9594	12.6014	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	7.4267	13.3599	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	10.2657	17.8203	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	223.4402	244.2590	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	26.5402	40.3590	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	36.0018	52.0672	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.85 Call	350	145.3184	170.4019	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	111.3408	137.9388	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	90.4384	110.5631	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	62.0879	88.1225	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	115.1879	134.2225	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.07 Call	30,000	41.6262	0.0000	0.0000	0.0000	30,000	0.00
Sep 2017	ZAUS	13.14 Put	90	220.6118	233.0122	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	229.0096	240.8700	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	19.1550	35.3498	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	272.2550	281.4498	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,000	317.2299	323.9110	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	5.6766	13.3628	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	458.7766	459.4628	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	5.0330	12.1094	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	4.2059	10.4456	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	507.3059	506.5456	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	3.5191	9.0107	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	3.1272	8.1658	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	143,712	684.6127	680.5273	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	1.3742	4.0856	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	803.9675	798.8706	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	813.9300	808.7683	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	0.6978	2.3005	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	0.6687	2.2180	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	0.4625	1.6122	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	0.3957	1.4071	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	0.3161	1.1545	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	0.1607	0.6296	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1273.2510	1266.6951	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1373.2109	1366.5247	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	0.1076	0.4098	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	14.47 Put	150	1523.1721	1516.3515	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	0.0665	0.2273	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,084	0.0584	0.1926	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	0.0389	0.1122	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	0.0372	0.1055	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	0.0221	0.0499	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.0589	0.0002	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.1691	0.0000	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.2098	0.0000	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	0.3696	0.0000	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	0.2790	0.0000	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	0.2590	0.0000	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.0207	0.0000	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	20.1631	23.8556	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	20,141	37.3815	42.8651	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.16 Put	550	58.2496	64.8435	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	66.2919	73.2014	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	104.4258	112.3101	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	129.7768	137.9951	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	177.9128	186.8302	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.75 Put	2,600	215.4743	224.6932	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	219.4746	228.7163	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	328.6106	337.9739	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	381.3691	390.5550	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	392.4161	401.5524	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	427.3048	436.2192	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	4,020	369.2129	385.2322	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	445.6752	454.4440	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	350.4032	366.1634	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	535.8525	543.8318	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	569.7355	577.3980	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	269.6492	283.8407	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	242.8933	256.3704	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	197.3901	209.3924	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	1030.5491	1033.9028	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	106.8192	114.7285	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1466.6800	1466.8290	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	83.9282	90.6172	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	57.0365	62.0959	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	50.9772	55.6233	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	50.4623	55.0728	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	34.6077	38.0286	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	19.5210	21.6909	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	18,000	3.3891	3.9128	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	2.8233	3.2756	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	0.6834	0.8240	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.00 Put	225,000	112.8824	116.9372	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	210.2129	214.6054	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	26,000	241.2374	245.5902	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	113,187	448.7867	452.6728	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	581.8908	585.2769	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	658.5337	661.5778	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	670.7805	673.7641	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.50 Call	100	543.9124	554.1965	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	1014.4992	1015.8134	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.00 Call	767	391.3795	399.9717	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1218.5719	1218.9120	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	220.0319	225.5822	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	193.3409	198.3355	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	175.6754	180.2806	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	154.8757	158.9974	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	65,000	151.0572	155.0876	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	129.5049	132.9988	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	112.0769	115.1314	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	103.9480	106.8232	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	26.3840	25.3699	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.00 Put	137,000	165.5143	167.9715	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	492.8942	495.4958	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	512.3547	514.8632	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	537.2332	539.6176	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	873.6762	874.3413	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	911.9300	912.4248	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	350.9142	355.8702	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	345.8147	350.6942	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	197.7768	200.0093	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	25.4118	25.2232	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	399.5780	402.0827	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	493.4980	495.5922	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	368.4237	371.3823	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	346.0573	348.7052	0.0000	0.0000	0	0.00		
			<u>2,510,761</u>					<u>30,000.00</u>	<u>0.00</u>	<u>37 798 705.00</u>	<u>0.00</u>
	<b>Total</b>		<b>3,904,940</b>					<b>70,442.00</b>	<b>530,267,203.00</b>	<b>189 855 159.00</b>	<b>1 768 975 901 157.60</b>

<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>
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Grand Total		5,317,541					101,973.00	720 530 918.00	253,102,474	2,423,561,239,749.20
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