



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 28-August-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Aug 2017	DAEU	Future	800	15.5955	15.5187	0.0000	0.0000	0	0.00		
Sep 2017	DAEU	Future	800	15.6857	15.6122	0.0000	0.0000	0	0.00		
Oct 2017	DAEU	Future	800	15.7855	15.7113	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	15.8895	15.8147	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	15.9833	15.9081	0.0000	0.0000	0	0.00		
			<u>4,000</u>					<u>0.00</u>	<u>0.00</u>	<u>210 162.00</u>	<u>2 972 759 963.30</u>
Option											
Jan 2018	DAEU	15.80 Put	193,000	464.8441	503.0308	0.0000	0.0000	0	0.00		
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>	<u>505 826.00</u>	<u>0.00</u>
	Total		197,000					0.00	0.00	715 988.00	2 972 759 963.30
Future											
Oct 2017	DAGB	Future	43	17.0656	17.0436	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>
	Total		43					0.00	0.00	244 497.00	875 373 726.50
Future											
Aug 2017	DAUS	Future	910	13.0484	13.0771	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	0	13.0484	13.0771	0.0000	0.0000	202	2,638,948.20		
Aug 2017	DAUS	Future	6,325	13.0484	13.0790	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	75	13.0577	13.0883	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	75	13.1037	13.1349	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,289	13.1059	13.1371	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	2,530	13.1104	13.1416	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	90	13.1387	13.1700	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	834	13.1590	13.1903	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	913	13.1671	13.1984	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.2014	13.2327	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.2316	13.2629	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	13.2356	13.2669	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	DAUS	Future	1,750	13.2651	13.2967	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.2888	13.3205	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.3833	13.4158	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.5543	13.5868	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	255	13.6549	13.6872	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	2,000	13.6894	13.7216	0.0000	0.0000	1,000	13,712,000.00		
Aug 2018	DAUS	Future	70	13.7353	13.7676	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.9224	13.9544	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.1119	14.1435	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.3246	15.3610	0.0000	0.0000	0	0.00		
			<u>107,080</u>					<u>1,202.00</u>	<u>16,350,948.20</u>	<u>6 278 399.00</u>	<u>74 980 840 889.30</u>
Option											
Aug 2017	DAUS	13.50 Put	60	451.7530	426.5545	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	0.0000	0.1910	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	12.75 Put	20,000	9.0015	12.5173	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.00 Put	20,000	50.9510	55.9621	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.45 Call	20,000	6.6160	9.8633	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	12.45 Put	500	3.6915	4.7295	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	475.4600	456.2926	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	1.0773	1.0404	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.00 Call	500	78.9220	87.0981	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	182.3057	176.2050	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	518.7793	502.2436	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	77.1341	84.8112	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	1.4185	1.6182	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	558.8785	546.8275	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	1.5562	1.4906	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	593.4692	582.3140	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	3.0800	5.4857	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	433.6007	426.9900	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	151.9403	162.4181	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	137.4886	147.1495	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.25 Put	107,000	486.8011	480.1754	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.27 Put	154,000	497.7411	490.9558	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	40,904	514.3780	507.3567	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.40 Put	168,000	572.4436	563.9485	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	435.2142	429.4192	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	112.9350	120.3058	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1795.0467	1773.7831	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	205.4568	213.1785	0.0000	0.0000	0	0.00		
			<u>545,950</u>					<u>0.00</u>	<u>0.00</u>	<u>13 411 915.00</u>	<u>0.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Total			653,030					1,202.00	16,350,948.20	19 690 314.00	74 980 840 889.30
Future											
Sep 2017	EUUS	Future	32	1.1962	1.1878	0.0000	0.0000	30	358,500.00		
			32					30.00	358,500.00	617 348.00	6 913 329 628.00
Total			32					30.00	358,500.00	617 348.00	6 913 329 628.00
Future											
Sep 2017	ZAAD	Future	25,771	10.3960	10.4133	0.0000	0.0000	0	0.00		
Dec 2017	ZAAD	Future	6,910	10.5305	10.5473	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	1,500	10.7880	10.8067	0.0000	0.0000	0	0.00		
			34,181					0.00	0.00	3 304 900.00	28 129 848 871.30
Total			34,181					0.00	0.00	3 337 277.00	28 129 848 871.30
Future											
Sep 2017	ZACA	Future	970	10.4931	10.5013	0.0000	0.0000	0	0.00		
Dec 2017	ZACA	Future	1,250	10.6505	10.6589	0.0000	0.0000	0	0.00		
			2,220					0.00	0.00	97 633.00	931 481 172.10
Total			2,220					0.00	0.00	97 633.00	931 481 172.10
Future											
Sep 2017	ZACR	Future	10	1.9760	1.9724	0.0000	0.0000	0	0.00		
			10					0.00	0.00	109 814.00	2 503 859 606.00
Total			10					0.00	0.00	109 814.00	2 503 859 606.00
Future											
Sep 2017	ZAEU	Future	110,420	15.6538	15.5804	15.6730	15.6690	509	7,975,826.40		
Dec 2017	ZAEU	Future	34,203	15.9541	15.8790	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	Future	10,307	16.2566	16.1813	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	1	16.5590	16.4813	0.0000	0.0000	0	0.00		
			154,931					509.00	7,975,826.40	12 138 790.00	169 833 865 173.20
Option											
Sep 2017	ZAEU	15.10 Put	16,000	28.5909	41.9516	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	14.00 Put	18,000	21.5912	24.7737	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	350.7831	331.8439	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	225.8727	244.3228	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	239.2658	258.6665	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	640.9953	0.0000	0.0000	0.0000	1,286	0.00		
			77,801					1,286.00	0.00	5 309 260.00	0.00
Total			232,732					1,795.00	7,975,826.40	17 448 050.00	169 833 865 173.20

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Future											
Sep 2017	ZAFR	Future	3,608	13.7181	13.7021	0.0000	0.0000	0	0.00		
Dec 2017	ZAFR	Future	1,250	13.9958	13.9792	0.0000	0.0000	0	0.00		
			<u>4,858</u>					<u>0.00</u>	<u>0.00</u>	<u>587 246.00</u>	<u>6 206 131 358.40</u>
		Total	4,858					0.00	0.00	587 246.00	6 206 131 358.40
Future											
Sep 2017	ZAGB	Future	191,055	16.9243	16.9029	16.9436	16.8750	404	6,841,768.60		
Dec 2017	ZAGB	Future	8,366	17.2155	17.1932	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	Future	420	17.5033	17.4817	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	17.7884	17.7656	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	18.0736	18.0502	0.0000	0.0000	0	0.00		
			<u>204,528</u>					<u>404.00</u>	<u>6,841,768.60</u>	<u>8 612 405.00</u>	<u>142 728 962 945.00</u>
Option											
Sep 2017	ZAGB	16.70 Call	700	350.6588	345.8664	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	6.7834	7.7629	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>
		Total	205,528					404.00	6,841,768.60	10 379 418.00	142 728 962 945.00
Future											
Sep 2017	ZAJY	Future	84	0.1198	0.1201	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1221	0.1224	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>
		Total	199					0.00	0.00	952 496.00	10 613 422 776.50
Future											
Sep 2017	ZAKS	Future	1,382	0.1264	0.1266	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1255	0.1254	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>
		Total	2,527					0.00	0.00	29 417.00	400 402 950.00
Future											
Sep 2017	ZAUM	Future	546	13.0859	13.1170	13.1204	13.1089	12	15,737,610.00		
Dec 2017	ZAUM	Future	175	13.2710	13.3026	13.3048	13.3030	10	13,303,900.00		
Mar 2018	ZAUM	Future	6	13.4502	13.4829	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	172	13.6280	13.6604	0.0000	0.0000	0	0.00		
			<u>899</u>					<u>22.00</u>	<u>29,041,510.00</u>	<u>140 593.00</u>	<u>160 562 016 470.00</u>
		Total	899					22.00	29,041,510.00	145 116.00	160 562 016 470.00
Future											
Sep 2017	ZAUS	Future	739,469	13.0859	13.1170	13.1250	13.0895	19,015	249,069,019.00		

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Dec 2017	ZAUS	Future	129,981	13.2710	13.3026	13.3019	13.2700	3,484	46,298,925.50		
Mar 2018	ZAUS	Future	90,812	13.4502	13.4829	13.4615	13.4607	5,025	67,688,897.00		
Jun 2018	ZAUS	Future	101,977	13.6280	13.6604	0.0000	0.0000	651	8,811,176.50		
Sep 2018	ZAUS	Future	400	13.8050	13.8373	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	2,500	14.1799	14.2114	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.4406	15.4778	0.0000	0.0000	0	0.00		
			<u>1,249,139</u>					<u>28,175.00</u>	<u>371,868,018.00</u>	<u>151 119 600.00</u>	<u>1 756 723 550 593.20</u>

Option

Sep 2017	ZAUS	12.00 Put	37,202	2.0124	2.5541	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	3.3004	4.1129	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	3.7739	4.6749	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	3.8786	4.7984	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	96,184	9.5887	11.0839	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	12.4829	14.0450	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	13.3081	14.8789	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	18.1230	19.6798	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	377.0954	408.8840	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	41.1954	41.8840	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	52.4439	52.4853	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	267.2635	296.4854	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	103.1886	99.7628	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	205.5991	232.0927	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	119.6991	115.0927	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	191.5712	182.5262	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	197.7093	188.3953	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	115.6540	136.0834	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	229.7540	219.0834	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,250	263.9316	251.8921	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.35 Put	2,600	337.9609	323.2217	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	63.3482	78.4103	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	377.4482	361.4103	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	59.5484	74.1050	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	54.2497	68.0639	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	418.3497	401.0639	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	49.4009	62.4952	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	46.4013	59.0275	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	186,712	574.8917	553.6508	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	28.9006	38.3776	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	685.1460	661.7835	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	694.4658	670.8894	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	17.8551	24.5722	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	17.2770	23.8040	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	13.90 Call	1,000	12.8446	17.8525	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	11.2597	15.6965	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	9.2440	12.9307	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	4.8155	6.7512	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1138.6145	1109.3256	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1237.3767	1207.5694	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	3.1741	4.4233	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1386.2396	1355.9623	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	1.9896	2.7529	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,084	1.7663	2.4406	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	1.2011	1.6487	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	1.1500	1.5770	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	0.6772	0.9139	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.1716	0.2902	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.1346	0.3184	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.1281	0.3270	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	0.1133	0.3567	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	0.1062	0.3796	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	0.1053	0.3832	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.0058	0.0339	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	25.6414	25.1830	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	39.8972	39.0846	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	67.3650	66.2877	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	102.6260	101.2316	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	125.7591	124.1550	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	167.8973	164.9562	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	304.6234	299.3242	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	352.6032	346.5070	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	362.6644	356.4032	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	393.7592	386.9928	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	409.8148	402.7919	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	452.7430	476.9713	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	491.3183	481.7884	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	522.4214	512.2890	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,516	358.1113	378.3776	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	270.0771	286.8704	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	952.9436	936.1052	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	1,000	154.8705	166.0992	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1370.5236	1349.3862	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	125.7992	135.6031	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	88.7465	96.3498	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	80.1512	87.1525	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	15.12 Call	40,000	79.4155	86.3657	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.50 Call	25,457	56.3237	61.5465	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	34.8059	39.5753	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	18,000	6.4655	10.3144	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	5.4032	9.0143	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	1.4898	2.8696	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.00 Put	225,000	104.5303	104.1531	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	190.1910	188.0494	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	36,000	218.5175	216.1182	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	103,187	406.7042	400.8475	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	531.6998	524.1824	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	603.4479	595.0245	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	614.8753	606.3128	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	941.8474	928.4339	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.00 Call	767	455.6383	0.0000	0.0000	0.0000	767	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1137.4704	1121.3740	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	263.3182	275.6100	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	232.4455	243.5278	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	211.8961	222.1340	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	187.5616	196.7657	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	55,000	183.0803	192.0874	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	157.6679	165.5339	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	136.2175	143.0779	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	124.4040	130.5498	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	24.7922	21.2321	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	453.7530	444.7005	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	471.9975	462.6891	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	495.3421	485.7211	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	813.9693	800.6409	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	850.5308	836.7465	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	397.8325	407.4253	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	392.1444	401.6416	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	222.0524	228.4375	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	26.8531	20.5212	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	464.2876	453.5530	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	386.0926	393.0058	0.0000	0.0000	0	0.00		
			<u>2,355,341</u>					<u>767.00</u>	<u>0.00</u>	<u>36 938 378.00</u>	<u>0.00</u>
	Total		3,604,480					28,942.00	371,868,018.00	188 057 978.00	1 756 723 550 593.20

<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		4,937,739					32,395.00	432 436 571.20	250,941,828	2,406,912,738,020.30
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