



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 25-August-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Aug 2017	DAEU	Future	800	15.5187	15.5701	0.0000	0.0000	0	0.00
Sep 2017	DAEU	Future	800	15.6122	15.6676	0.0000	0.0000	0	0.00
Oct 2017	DAEU	Future	800	15.7113	15.7669	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	15.8147	15.8705	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	15.9081	15.9649	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	503.0308	481.5511	0.0000	0.0000	0	0.00
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>
		Total	197,000					0.00	0.00
									<u>505 826.00</u>
									<u>0.00</u>
									<u>715 988.00</u>
									<u>2 972 759 963.30</u>
Future									
Oct 2017	DAGB	Future	43	17.0436	17.0935	0.0000	0.0000	0	0.00
			<u>43</u>					<u>0.00</u>	<u>0.00</u>
		Total	43					0.00	0.00
									<u>53 384.00</u>
									<u>875 373 726.50</u>
Future									
Aug 2017	DAUS	Future	0	13.0771	13.1980	0.0000	0.0000	60,000	784,626,000.00
Aug 2017	DAUS	Future	910	13.0771	13.1938	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	202	13.0771	13.1960	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	6,325	13.0790	13.1981	0.0000	0.0000	2,500	32,704,500.00
Sep 2017	DAUS	Future	75	13.0883	13.2090	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	75	13.1349	13.2545	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	1,289	13.1371	13.2567	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	2,530	13.1416	13.2609	0.0000	0.0000	415	5,453,432.00
Oct 2017	DAUS	Future	90	13.1700	13.2897	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	834	13.1903	13.3103	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	913	13.1984	13.3185	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	13.2327	13.3530	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	13.2629	13.3834	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>		
Nov 2017	DAUS	Future	2,708	13.2669	13.3875	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,750	13.2967	13.4177	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.3205	13.4420	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.4158	13.5389	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.5868	13.7122	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	255	13.6872	13.8143	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,000	13.7216	13.8088	0.0000	0.0000	1,000	13,808,800.00		
Aug 2018	DAUS	Future	70	13.7676	13.8963	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.9544	14.0850	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.1435	14.2756	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.3610	15.5012	0.0000	0.0000	0	0.00		
			<u>106,282</u>					<u>63,915.00</u>	<u>836,592,732.00</u>	<u>6 277 197.00</u>	<u>74 964 489 941.10</u>

Option

Aug 2017	DAUS	13.50 Put	60	426.5545	316.4760	0.0000	0.0000	0	0.00
Aug 2017	DAUS	16.84 Call	60	0.1910	0.2298	0.0000	0.0000	0	0.00
Sep 2017	DAUS	12.75 Put	20,000	12.5173	7.6088	0.0000	0.0000	0	0.00
Sep 2017	DAUS	13.00 Put	20,000	55.9621	32.9808	0.0000	0.0000	0	0.00
Sep 2017	DAUS	13.45 Call	20,000	9.8633	26.0003	0.0000	0.0000	0	0.00
Sep 2017	DAUS	12.45 Put	500	4.7295	2.9486	0.0000	0.0000	0	0.00
Sep 2017	DAUS	13.50 Put	60	456.2926	373.4995	0.0000	0.0000	0	0.00
Sep 2017	DAUS	17.13 Call	60	1.0404	1.0394	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.00 Call	500	87.0981	112.8562	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.92 Put	1,000	176.2050	141.6237	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	502.2436	430.0701	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	84.8112	108.8450	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	1.6182	1.3894	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	546.8275	479.8048	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	1.4906	2.2597	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	582.3140	516.4234	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	5.4857	6.1176	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	426.9900	375.2517	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	162.4181	185.2836	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	147.1495	168.8104	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	480.1754	426.3413	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	490.9558	436.3753	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	507.3567	451.6593	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	563.9485	504.5778	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	2,723	429.4192	379.5206	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	120.3058	135.8849	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1773.7831	1682.0707	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	213.1785	235.6094	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>	
			545,950					0.00	0.00	13 411 915.00	0.00
		Total	652,232					63,915.00	836,592,732.00	19 689 112.00	74 964 489 941.10
Future											
Sep 2017	EUUS	Future	17	1.1878	1.1813	0.0000	0.0000	0	0.00		
			17					0.00	0.00	617 318.00	6 912 971 128.00
		Total	17					0.00	0.00	617 318.00	6 912 971 128.00
Future											
Sep 2017	ZAAD	Future	25,771	10.4133	10.4572	0.0000	0.0000	0	0.00		
Dec 2017	ZAAD	Future	6,910	10.5473	10.5918	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	1,500	10.8067	10.8537	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	10.5013	10.5743	0.0000	0.0000	0	0.00		
Dec 2017	ZACA	Future	1,250	10.6589	10.7325	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	1.9724	1.9859	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	110,161	15.5804	15.6366	15.6482	15.5791	2,963	46,273,456.40		
Dec 2017	ZAEU	Future	34,203	15.8790	15.9356	15.9150	15.8879	390	6,197,394.00		
Mar 2018	ZAEU	Future	10,307	16.1813	16.2396	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	1	16.4813	16.5418	0.0000	0.0000	0	0.00		
			154,672					3,353.00	52,470,850.40	12 138 281.00	169 825 889 346.80
Option											
Sep 2017	ZAEU	15.10 Put	16,000	41.9516	35.8291	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	14.00 Put	18,000	24.7737	25.8236	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	331.8439	358.1582	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	244.3228	232.9004	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	258.6665	246.7222	0.0000	0.0000	0	0.00		
			77,158					0.00	0.00	5 307 974.00	0.00
		Total	231,830					3,353.00	52,470,850.40	17 446 255.00	169 825 889 346.80

<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>		
Future											
Sep 2017	ZAFR	Future	3,608	13.7021	13.7389	13.7325	13.7325	100	1,373,250.00		
Dec 2017	ZAFR	Future	1,250	13.9792	14.0163	14.0121	14.0121	100	1,401,210.00		
			<u>4,858</u>					<u>200.00</u>	<u>2,774,460.00</u>	<u>587 246.00</u>	<u>6 206 131 358.40</u>
		Total	4,858					200.00	2,774,460.00	587 246.00	6 206 131 358.40
Future											
Sep 2017	ZAGB	Future	191,455	16.9029	16.9535	16.9814	16.9000	4,410	74,743,905.30		
Dec 2017	ZAGB	Future	8,366	17.1932	17.2438	17.2300	17.2254	115	1,980,990.00		
Mar 2018	ZAGB	Future	420	17.4817	17.5344	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	17.7656	17.8210	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	18.0502	18.1087	0.0000	0.0000	0	0.00		
			<u>204,928</u>					<u>4,525.00</u>	<u>76,724,895.30</u>	<u>8 612 001.00</u>	<u>142 722 121 176.40</u>
Option											
Sep 2017	ZAGB	16.70 Call	700	345.8664	385.9938	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	7.7629	10.0773	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	205,928					4,525.00	76,724,895.30	10 379 014.00	142 722 121 176.40
Future											
Sep 2017	ZAJY	Future	84	0.1201	0.1212	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1224	0.1234	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	0.1266	0.1277	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1254	0.1265	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	536	13.1170	13.2372	13.2332	13.1994	55	72,718,170.00		
Dec 2017	ZAUM	Future	165	13.3026	13.4238	13.4088	13.4088	1	1,340,880.00		
Mar 2018	ZAUM	Future	6	13.4829	13.6069	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	172	13.6604	13.7870	0.0000	0.0000	0	0.00		
			<u>879</u>					<u>56.00</u>	<u>74,059,050.00</u>	<u>140 571.00</u>	<u>160 532 974 960.00</u>
		Total	879					56.00	74,059,050.00	145 094.00	160 532 974 960.00
Future											
Sep 2017	ZAUS	Future	745,372	13.1170	13.2372	13.2450	13.1150	36,556	482,169,516.90		

<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	Future	131,981	13.3026	13.4238	13.4187	13.3034	5,760	76,854,363.30		
Mar 2018	ZAUS	Future	87,787	13.4829	13.6069	13.5884	13.5884	2,405	32,507,221.00		
Jun 2018	ZAUS	Future	101,760	13.6604	13.7870	0.0000	0.0000	119	1,638,927.50		
Sep 2018	ZAUS	Future	400	13.8373	13.9670	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	2,500	14.2114	14.3440	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.4778	15.6187	0.0000	0.0000	0	0.00		
			<u>1,253,800</u>					<u>44,840.00</u>	<u>593,170,028.70</u>	<u>151 091 425.00</u>	<u>1 756 351 682 575.20</u>

Option

Sep 2017	ZAUS	12.00 Put	37,202	2.5541	2.2940	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	4.1129	3.4119	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	4.6749	3.7975	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	4.7984	3.8814	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	96,184	11.0839	6.8757	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	14.0450	7.6394	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	14.8789	7.8471	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	19.6798	9.0236	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	408.8840	510.4035	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	41.8840	23.2035	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	52.4853	30.5611	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	296.4854	387.5295	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	99.7628	65.8607	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	232.0927	315.0869	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	115.0927	77.8869	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	182.5262	131.1960	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	188.3953	135.6894	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	136.0834	196.7275	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	219.0834	159.5275	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,250	251.8921	185.6329	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.35 Put	2,600	323.2217	247.1264	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	78.4103	118.0539	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	361.4103	280.8539	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	74.1050	112.0558	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	68.0639	103.5754	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	401.0639	316.3754	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	62.4952	95.6862	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	59.0275	90.7392	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	186,712	553.6508	456.7941	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	38.3776	60.6177	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	661.7835	558.9755	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	670.8894	567.7329	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	24.5722	40.2860	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	23.8040	39.2013	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	13.90 Call	1,000	17.8525	30.6674	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	15.6965	27.1795	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	12.9307	22.6405	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	6.7512	12.2026	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1109.3256	994.2650	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1207.5694	1091.1861	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	4.4233	8.1274	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1355.9623	1238.0388	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	2.7529	4.7682	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,084	2.4406	4.0764	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	1.6487	2.6263	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	1.5770	2.5082	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	0.9139	1.4214	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.2902	0.3076	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.3184	0.3540	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.3270	0.3675	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	0.3567	0.4124	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	0.3796	0.4462	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	0.3832	0.4516	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.0339	0.0820	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	25.1830	23.2626	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	39.0846	33.6929	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	66.2877	54.5076	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	101.2316	84.3227	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	124.1550	104.1107	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	164.9562	139.6912	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	299.3242	257.5794	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	346.5070	300.2590	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	356.4032	309.2515	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	386.9928	337.1374	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	402.7919	351.5847	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	476.9713	545.1671	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	481.7884	423.3840	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	512.2890	450.7340	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,516	378.3776	433.7514	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	286.8704	330.5709	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	936.1052	851.9491	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	1,000	166.0992	192.6501	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1349.3862	1252.5849	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	135.6031	157.4583	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	96.3498	112.8622	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	87.1525	102.1298	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	86.3657	101.2108	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.50 Call	25,457	61.5465	72.1331	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	39.5753	47.0308	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	18,000	10.3144	14.0338	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	9.0143	12.4267	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	2.8696	4.2947	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.00 Put	225,000	104.1531	90.8336	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	188.0494	163.5859	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	36,000	216.1182	188.9415	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	103,187	400.8475	357.1134	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	524.1824	471.8427	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	595.0245	538.2807	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	606.3128	548.9002	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	928.4339	854.9264	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1121.3740	1040.8036	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	275.6100	304.6485	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	243.5278	270.0343	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	222.1340	246.4989	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	196.7657	218.5422	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	55,000	192.0874	213.3798	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	165.5339	184.0487	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	143.0779	159.1878	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	130.5498	145.2986	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	21.2321	16.6590	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	444.7005	406.5906	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	462.6891	422.3868	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	485.7211	442.6334	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	800.6409	742.3518	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	836.7465	777.0783	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	407.4253	446.3130	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	401.6416	440.4231	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	228.4375	252.1162	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	20.5212	20.1919	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	453.5530	419.2594	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	393.0058	427.8251	0.0000	0.0000	0	0.00		
			<u>2,354,574</u>					<u>0.00</u>	<u>0.00</u>	<u>36 937 611.00</u>	<u>0.00</u>
	Total		3,608,374					44,840.00	593,170,028.70	188 029 036.00	1 756 351 682 575.20

<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>
-------------	-----------------	-----------------	------------	-----------------	-------------	------------	---------------------	--------------------------

Grand Total		4,940,298					116,889.00	1 635 792 016.40	250,909,433	2,406,480,301,449.10
-------------	--	-----------	--	--	--	--	------------	------------------	-------------	----------------------