



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 04-August-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Aug 2017	DAEU	Future	15,000	15.8614	15.9333	0.0000	0.0000	15,000	238,647,000.00
Aug 2017	DAEU	Future	800	15.9036	15.9872	0.0000	0.0000	0	0.00
Sep 2017	DAEU	Future	800	16.0065	16.0900	0.0000	0.0000	0	0.00
Oct 2017	DAEU	Future	800	16.1105	16.1944	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	16.2195	16.3026	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	16.3221	16.4031	0.0000	0.0000	0	0.00
			<u>19,000</u>					<u>15,000.00</u>	<u>238,647,000.00</u>
									<u>135 162.00</u>
									<u>1 794 703 963.30</u>
<b>Option</b>									
Aug 2017	DAEU	15.95 Put	20,000	219.7369	0.0000	0.0000	0.0000	20,000	0.00
			<u>20,000</u>					<u>20,000.00</u>	<u>0.00</u>
		<b>Total</b>	<b>39,000</b>					<b>35,000.00</b>	<b>238,647,000.00</b>
									<u>444 762.00</u>
									<u>1 794 703 963.30</u>
<b>Option</b>									
Aug 2017	DANZ	9.91 Put	10,000	71.1701	80.0203	0.0000	0.0000	0	0.00
			<u>10,000</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>10,000</b>					<b>0.00</b>	<b>0.00</b>
									<u>10 000.00</u>
									<u>0.00</u>
<b>Future</b>									
Aug 2017	DAUS	Future	0	13.4148	13.3968	0.0000	0.0000	1,350	18,012,225.00
Aug 2017	DAUS	Future	70	13.4768	13.3983	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	910	13.5172	13.4390	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	202	13.5195	13.4414	0.0000	0.0000	0	0.00
Aug 2017	DAUS	Future	6,325	13.5218	13.4437	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	1,289	13.5834	13.5043	0.0000	0.0000	0	0.00
Sep 2017	DAUS	Future	2,530	13.5879	13.5088	0.0000	0.0000	1,189	16,069,960.70
Oct 2017	DAUS	Future	334	13.6411	13.5615	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	913	13.6498	13.5702	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	13.6868	13.6068	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	13.7193	13.6381	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,808	13.7237	13.6423	0.0000	0.0000	1,500	20,412,000.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Dec 2017	DAUS	Future	1,750	13.7562	13.6737	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.7822	13.6988	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.8862	13.7988	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.0724	13.9762	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	175	14.1816	14.0806	0.0000	0.0000	300	4,206,330.00		
Aug 2018	DAUS	Future	70	14.2695	14.1655	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.4568	14.3591	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.6441	14.5527	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.8885	15.8079	0.0000	0.0000	0	0.00		
			<u>103,632</u>					<u>4,339.00</u>	<u>58,700,515.70</u>	<u>6 117 583.00</u>	<u>72 856 205 966.90</u>

Option

Aug 2017	DAUS	13.20 Call	20,000	307.1681	248.9405	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.17 Put	1,000	36.3752	56.6087	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.36 Put	1,000	86.0142	0.0000	0.0000	0.0000	1,000	0.00		
Aug 2017	DAUS	13.05 Put	25,000	21.0196	35.3858	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.29 Put	15,000	68.2391	97.1443	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.55 Call	23,076	118.4245	94.0857	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.35 Put	34,000	92.2330	125.8836	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.50 Put	60	202.8406	248.7599	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	0.9279	0.9499	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	284.0368	321.7821	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	3.6842	3.5743	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	117.9518	137.8379	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	336.0135	372.6015	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	261.2507	236.3815	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	6.7622	5.7152	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	379.2488	414.4623	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	15.3651	12.3803	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	407.9314	441.5149	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	30.5950	26.6077	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	290.6121	315.7444	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	306.6938	280.7284	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	283.0315	258.8376	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.25 Put	107,000	330.4811	0.0000	0.0000	0.0000	107,000	0.00		
Jan 2018	DAUS	13.27 Put	154,000	338.8356	365.3621	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	40,904	351.5919	378.7307	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	291.5205	315.5087	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	226.4199	205.8433	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1453.2600	1514.8430	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	334.1729	309.8312	0.0000	0.0000	0	0.00		
			<u>436,026</u>					<u>108,000.00</u>	<u>0.00</u>	<u>12 984 254.00</u>	<u>0.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
<b>Total</b>			<b>539,658</b>					<b>112,339.00</b>	<b>58,700,515.70</b>	19 101 837.00	72 856 205 966.90
<b>Future</b>											
Sep 2017	EUUS	Future	2,615	1.1778	1.1909	1.1920	1.1782	2,030	24,060,512.00		
			<u>2,615</u>					<u>2,030.00</u>	<u>24,060,512.00</u>	609 372.00	6 819 458 023.00
<b>Total</b>			<b>2,615</b>					<b>2,030.00</b>	<b>24,060,512.00</b>	609 372.00	6 819 458 023.00
<b>Future</b>											
Sep 2017	ZAAD	Future	25,406	10.7225	10.7170	10.6711	10.6711	50	533,555.00		
Dec 2017	ZAAD	Future	6,890	10.8682	10.8599	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	1,500	11.1535	11.1333	0.0000	0.0000	0	0.00		
			<u>33,796</u>					<u>50.00</u>	<u>533,555.00</u>	3 302 763.00	28 107 371 028.00
<b>Total</b>			<b>33,796</b>					<b>50.00</b>	<b>533,555.00</b>	3 335 140.00	28 107 371 028.00
<b>Future</b>											
Sep 2017	ZACA	Future	620	10.7244	10.7411	0.0000	0.0000	0	0.00		
Dec 2017	ZACA	Future	1,250	10.8920	10.9067	0.0000	0.0000	0	0.00		
			<u>1,870</u>					<u>0.00</u>	<u>0.00</u>	97 283.00	927 777 612.10
<b>Total</b>			<b>1,870</b>					<b>0.00</b>	<b>0.00</b>	97 283.00	927 777 612.10
<b>Future</b>											
Sep 2017	ZACR	Future	10	2.0097	1.9999	0.0000	0.0000	0	0.00		
			<u>10</u>					<u>0.00</u>	<u>0.00</u>	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	ZADK	Future	0	2.1483	2.1594	2.1898	2.1837	300	6,560,250.00		
			<u>0</u>					<u>300.00</u>	<u>6,560,250.00</u>	7 620.00	161 928 509.00
<b>Total</b>			<b>0</b>					<b>300.00</b>	<b>6,560,250.00</b>	7 620.00	161 928 509.00
<b>Future</b>											
Sep 2017	ZAEU	Future	109,747	15.9745	16.0584	16.0352	15.9500	911	14,557,103.30		
Dec 2017	ZAEU	Future	31,937	16.2897	16.3715	16.3038	16.3038	225	3,672,755.00		
Mar 2018	ZAEU	Future	10,307	16.6088	16.6829	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	1	16.9276	16.9937	0.0000	0.0000	0	0.00		
			<u>151,992</u>					<u>1,136.00</u>	<u>18,229,858.30</u>	12 093 173.00	169 114 899 463.50
<b>Option</b>											
Sep 2017	ZAEU	15.10 Put	16,000	49.3533	41.4868	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	14.00 Put	18,000	32.1250	29.1197	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	570.0236	602.4852	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	194.0949	174.1508	0.0000	0.0000	0	0.00		

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Mar 2018	ZAEU	15.10 Put	19,510	205.6171	184.9372	0.0000	0.0000	0	0.00		
			77,158					0.00	0.00	5 307 974.00	0.00
		<b>Total</b>	<b>229,150</b>					<b>1,136.00</b>	<b>18,229,858.30</b>	17 401 147.00	169 114 899 463.50
<b>Future</b>											
Sep 2017	ZAFR	Future	2,508	13.9656	13.9639	0.0000	0.0000	0	0.00		
Dec 2017	ZAFR	Future	1,150	14.2553	14.2508	0.0000	0.0000	0	0.00		
			3,658					0.00	0.00	585 890.00	6 187 440 027.00
		<b>Total</b>	<b>3,658</b>					<b>0.00</b>	<b>0.00</b>	585 890.00	6 187 440 027.00
<b>Future</b>											
Sep 2017	ZAGB	Future	191,318	17.7067	17.7414	17.7103	17.6520	469	8,296,670.20		
Dec 2017	ZAGB	Future	10,027	18.0207	18.0519	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	Future	420	18.3332	18.3551	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	18.6422	18.6537	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	18.9475	18.9587	0.0000	0.0000	0	0.00		
			206,452					469.00	8,296,670.20	8 581 416.00	142 195 649 579.20
<b>Option</b>											
Sep 2017	ZAGB	16.70 Call	700	1074.6512	1108.6983	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	154.8476	165.1124	0.0000	0.0000	0	0.00		
			1,000					0.00	0.00	1 767 013.00	0.00
		<b>Total</b>	<b>207,452</b>					<b>469.00</b>	<b>8,296,670.20</b>	10 348 429.00	142 195 649 579.20
<b>Future</b>											
Sep 2017	ZAJY	Future	5,939	0.1225	0.1228	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1249	0.1251	0.0000	0.0000	0	0.00		
			6,054					0.00	0.00	946 641.00	10 542 121 219.70
		<b>Total</b>	<b>6,054</b>					<b>0.00</b>	<b>0.00</b>	946 641.00	10 542 121 219.70
<b>Future</b>											
Sep 2017	ZAKS	Future	1,382	0.1296	0.1289	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1284	0.1272	0.0000	0.0000	0	0.00		
			2,527					0.00	0.00	29 417.00	400 402 950.00
		<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	427	13.5630	13.4844	13.5183	13.4808	2	2,699,910.00		
Dec 2017	ZAUM	Future	141	13.7627	13.6800	13.6497	13.6346	10	13,642,150.00		
Mar 2018	ZAUM	Future	4	13.9590	13.8682	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	172	14.1522	14.0525	0.0000	0.0000	10	14,027,500.00		
			744					22.00	30,369,560.00	139 930.00	159 677 203 910.00

<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>		
<b>Total</b>			<b>744</b>					<b>22.00</b>	<b>30,369,560.00</b>	144 453.00	159 677 203 910.00
<b>Future</b>											
Sep 2017	ZAUS	Future	800,353	13.5630	13.4844	13.5758	13.4292	29,500	397,913,875.40		
Dec 2017	ZAUS	Future	117,394	13.7627	13.6800	13.7500	13.6182	3,537	48,442,449.00		
Mar 2018	ZAUS	Future	109,258	13.9590	13.8682	13.9449	13.8261	3,355	46,524,585.50		
Jun 2018	ZAUS	Future	100,881	14.1522	14.0525	0.0000	0.0000	10	140,275.00		
Sep 2018	ZAUS	Future	400	14.3408	14.2392	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	2,500	14.7113	14.6222	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	16.0083	15.9274	0.0000	0.0000	0	0.00		
			<b>1,314,786</b>					<b>36,402.00</b>	<b>493,021,184.90</b>	<b>150 331 169.00</b>	<b>1 746 178 414 974.20</b>
<b>Option</b>											
Sep 2017	ZAUS	12.00 Put	37,202	4.6169	6.0185	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.20 Put	1,000	7.1456	10.1691	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.25 Put	10,000	8.4014	11.7998	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.26 Put	5,250	8.6765	12.1536	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.50 Put	61,225	18.2828	24.1668	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.54 Put	1,000	20.5932	26.9872	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.55 Put	4,920	21.2097	27.7372	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.60 Put	190	24.5474	31.7737	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.75 Call	3,500	850.5050	781.5977	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.75 Put	26,250	37.5050	47.1977	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.80 Put	3,000	42.9856	53.6326	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.90 Call	400	720.9128	657.6306	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.96 Put	1,000	69.8602	87.2236	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.00 Call	4,551	641.7508	581.9378	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.00 Put	43,100	78.7508	97.5378	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.14 Put	90	116.1345	140.2254	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.15 Put	500	119.1943	143.6793	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.20 Call	3,000	498.3087	446.1870	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.20 Put	5,920	135.3087	161.7870	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.25 Put	25,100	152.7925	181.2945	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.40 Call	100	376.6494	332.7042	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.40 Put	3,500	213.6494	248.3042	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.42 Call	1,000	365.7229	322.5982	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.45 Call	4,375	349.7546	307.8571	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.45 Put	3,500	236.7546	273.4571	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.48 Call	111	334.2930	294.6281	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.50 Call	5,980	324.2637	286.0840	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.63 Put	186,712	333.9250	381.2737	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.65 Call	1,000	259.1415	228.6721	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	13.75 Put	20,000	410.2107	462.0446	0.0000	0.0000	0	0.00		

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Sep 2017	ZAUS	13.76 Put	960	416.8799	469.0654	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	207.0133	181.9706	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	203.9075	179.2009	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	177.8652	156.0148	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	167.3346	146.6658	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	152.6612	133.6619	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	112.3082	97.5688	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	765.9137	830.0946	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	850.0755	916.1121	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	91.6091	79.2328	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	980.3377	1048.9379	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	69.9263	60.3780	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	64.5948	55.7555	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	49.3837	42.5966	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	47.8556	41.2767	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	31.0757	26.0808	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	4.8257	4.0619	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	2.8798	2.8458	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	2.7998	2.7728	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	2.6194	2.6088	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	2.5383	2.5359	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	2.5283	2.5270	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	1.1862	0.9932	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	26.4403	28.6256	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	38.1951	40.7111	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	51.6993	54.5279	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	67.6518	76.2814	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	82.9997	93.2192	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	110.6077	123.5045	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	199.2198	220.4999	0.0000	0.0000	10,000	0.00
Dec 2017	ZAUS	13.10 Put	41,000	232.3914	256.9378	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	239.6321	264.6331	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	262.1721	288.5385	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	273.8991	300.9469	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	802.7105	747.9705	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	332.6397	362.8802	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	355.2092	386.5843	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	665.5173	616.4485	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	528.0683	487.2822	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	690.7896	737.2202	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1047.5526	1103.8861	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	281.4291	0.0000	0.0000	0.0000	10,000	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	15.00 Call	4,580	214.2691	195.9140	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.11 Call	1,900	197.9186	179.7869	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.12 Call	40,000	196.5054	178.3924	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.50 Call	25,457	147.2323	133.1453	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	101.5949	91.7441	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	18,000	47.4797	43.5649	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	44.3920	40.8329	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	26.0107	22.7004	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.00 Put	225,000	70.3478	76.3045	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	36,000	142.4901	153.7772	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	73,187	274.9781	295.9782	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	364.7305	393.2232	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	421.3005	452.4250	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	696.8005	738.5582	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	863.0485	910.1394	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	432.0990	400.9344	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	389.3814	360.9848	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	324.4472	299.0175	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	40,000	317.4539	292.5220	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	277.3496	255.3358	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	242.8316	223.4155	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	223.3103	205.3987	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	19.2059	19.4067	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	316.6520	341.5291	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	329.9071	355.4536	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	346.9520	373.3460	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	594.6987	635.0028	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	625.4270	666.8797	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	578.6702	543.4912	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	571.4081	536.6210	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	339.9274	317.8528	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	26.1322	25.6544	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	323.7530	352.0770	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	543.4077	513.7207	0.0000	0.0000	0	0.00		
			<u>2,268,206</u>					<u>20,000.00</u>	<u>0.00</u>	<u>36 645 329.00</u>	<u>0.00</u>
<b>Total</b>			<b>3,582,992</b>					<b>56,402.00</b>	<b>493,021,184.90</b>	<b>186 976 498.00</b>	<b>1 746 178 414 974.20</b>
<b>Grand Total</b>			<b>4,659,526</b>					<b>207,748.00</b>	<b>878 419 106.10</b>	<b>249,132,810</b>	<b>2,390,407,479,993.90</b>