



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 31-July-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
<b>Future</b>											
Jul 2017	DAEU	Future	0	15.4998	15.2839	0.0000	0.0000	2	30,999.60		
Aug 2017	DAEU	Future	800	15.6381	15.3730	0.0000	0.0000	0	0.00		
Sep 2017	DAEU	Future	800	15.7369	15.4701	0.0000	0.0000	0	0.00		
Oct 2017	DAEU	Future	800	15.8366	15.5687	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	15.9419	15.6726	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	16.0418	15.7708	0.0000	0.0000	0	0.00		
			<u>4,000</u>					2.00	30,999.60	120 162.00	1 556 056 963.30
<b>Total</b>			<b>4,000</b>					<b>2.00</b>	<b>30,999.60</b>	409 762.00	1 556 056 963.30
<b>Future</b>											
Jul 2017	DAGB	Future	0	17.3152	17.0636	0.0000	0.0000	25	432,880.00		
			<u>0</u>					25.00	432,880.00	53 341.00	874 635 373.50
<b>Total</b>			<b>0</b>					<b>25.00</b>	<b>432,880.00</b>	244 454.00	874 635 373.50
<b>Future</b>											
Jul 2017	DAUS	Future	0	13.1898	13.0096	0.0000	0.0000	11,773	155,060,582.00		
Aug 2017	DAUS	Future	1,350	13.2010	13.0139	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	13.2162	13.0289	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	910	13.2553	13.0673	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	202	13.2574	13.0695	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	6,635	13.2596	13.0716	0.0000	0.0000	3,000	39,702,000.00		
Sep 2017	DAUS	Future	1,289	13.3176	13.1287	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,930	13.3219	13.1330	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	13.3724	13.1830	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	913	13.3808	13.1913	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.4162	13.2263	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.4473	13.2571	0.0000	0.0000	1,075	14,391,400.00		
Dec 2017	DAUS	Future	1,750	13.4825	13.2919	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.5074	13.3165	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.6063	13.4141	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
May 2018	DAUS	Future	70	13.7807	13.5858	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.9685	13.7691	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.1602	13.9565	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.3519	14.1438	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.5908	15.3537	0.0000	0.0000	0	0.00		
			<u>102,709</u>					<u>15,848.00</u>	<u>209,153,982.00</u>	<u>6 109 711.00</u>	<u>72 750 320 666.40</u>
<b>Option</b>											
Aug 2017	DAUS	13.20 Call	20,000	126.3544	70.1673	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.35 Put	34,000	226.0684	374.7651	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.50 Put	60	365.2795	515.4993	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	1.0168	1.2291	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	419.9117	555.3954	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	3.0971	2.8502	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	182.8291	251.1742	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	464.1626	584.9462	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	179.6031	143.9210	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	3.8021	2.5309	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	500.2576	616.0460	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	5.0273	3.4216	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	523.3813	636.6195	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	17.7567	13.5063	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	379.8810	470.6687	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	229.4772	198.1835	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	211.4493	181.3919	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	7,904	445.9930	542.6423	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	2,723	375.0866	462.7353	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	167.1226	145.4719	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1644.9972	1797.8044	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	261.9170	233.5098	0.0000	0.0000	0	0.00		
			<u>76,950</u>					<u>0.00</u>	<u>0.00</u>	<u>12 619 406.00</u>	<u>0.00</u>
	<b>Total</b>		<b>179,659</b>					<b>15,848.00</b>	<b>209,153,982.00</b>	<b>18 729 117.00</b>	<b>72 750 320 666.40</b>
<b>Future</b>											
Sep 2017	EUUS	Future	2,119	1.1811	1.1778	0.0000	0.0000	19,858	234,721,560.00		
			<u>2,119</u>					<u>19,858.00</u>	<u>234,721,560.00</u>	<u>597 413.00</u>	<u>6 678 036 731.00</u>
	<b>Total</b>		<b>2,119</b>					<b>19,858.00</b>	<b>234,721,560.00</b>	<b>597 413.00</b>	<b>6 678 036 731.00</b>
<b>Future</b>											
Sep 2017	GBUS	Future	2,119	1.3189	1.3137	0.0000	0.0000	7,810	103,029,520.00		
			<u>2,119</u>					<u>7,810.00</u>	<u>103,029,520.00</u>	<u>146 015.00</u>	<u>1 867 356 125.00</u>
	<b>Total</b>		<b>2,119</b>					<b>7,810.00</b>	<b>103,029,520.00</b>	<b>146 015.00</b>	<b>1 867 356 125.00</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	ZAAD	Future	25,045	10.6078	10.4836	10.5825	10.4800	141	1,485,477.30		
Dec 2017	ZAAD	Future	4,499	10.7473	10.6218	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	1,500	11.0170	10.8876	0.0000	0.0000	0	0.00		
			<u>31,044</u>					<u>141.00</u>	<u>1,485,477.30</u>	<u>3 299 465.00</u>	<u>28 071 828 334.90</u>
		<b>Total</b>	<b>31,044</b>					<b>141.00</b>	<b>1,485,477.30</b>	<b>3 331 842.00</b>	<b>28 071 828 334.90</b>
<b>Future</b>											
Sep 2017	ZACA	Future	620	10.6409	10.5614	0.0000	0.0000	0	0.00		
Dec 2017	ZACA	Future	1,250	10.8019	10.7213	0.0000	0.0000	0	0.00		
			<u>1,870</u>					<u>0.00</u>	<u>0.00</u>	<u>97 283.00</u>	<u>927 777 612.10</u>
		<b>Total</b>	<b>1,870</b>					<b>0.00</b>	<b>0.00</b>	<b>97 283.00</b>	<b>927 777 612.10</b>
<b>Future</b>											
Sep 2017	ZACR	Future	10	1.9710	1.9414	0.0000	0.0000	0	0.00		
			<u>10</u>					<u>0.00</u>	<u>0.00</u>	<u>109 814.00</u>	<u>2 503 859 606.00</u>
		<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	ZADK	Future	0	2.1141	2.0769	2.1113	2.1113	150	3,166,950.00		
			<u>0</u>					<u>150.00</u>	<u>3,166,950.00</u>	<u>7 170.00</u>	<u>152 119 859.00</u>
		<b>Total</b>	<b>0</b>					<b>150.00</b>	<b>3,166,950.00</b>	<b>7 170.00</b>	<b>152 119 859.00</b>
<b>Future</b>											
Sep 2017	ZAEU	Future	109,412	15.7061	15.4400	15.6999	15.4502	1,597	24,983,931.20		
Dec 2017	ZAEU	Future	27,417	16.0105	15.7402	16.0262	15.9000	141	2,251,185.30		
Mar 2018	ZAEU	Future	10,307	16.3154	16.0403	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	1	16.6190	16.3378	0.0000	0.0000	0	0.00		
			<u>147,137</u>					<u>1,738.00</u>	<u>27,235,116.50</u>	<u>12 067 040.00</u>	<u>168 698 658 715.20</u>
		<b>Total</b>	<b>208,295</b>					<b>1,738.00</b>	<b>27,235,116.50</b>	<b>17 359 014.00</b>	<b>168 698 658 715.20</b>
<b>Option</b>											
Dec 2017	ZAEU	14.00 Put	18,000	37.0160	48.8939	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	437.8329	356.4506	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	238.9454	309.1128	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	252.4171	325.5138	0.0000	0.0000	0	0.00		
			<u>61,158</u>					<u>0.00</u>	<u>0.00</u>	<u>5 291 974.00</u>	<u>0.00</u>
		<b>Total</b>	<b>208,295</b>					<b>1,738.00</b>	<b>27,235,116.50</b>	<b>17 359 014.00</b>	<b>168 698 658 715.20</b>
<b>Future</b>											
Sep 2017	ZAFR	Future	2,508	13.8252	13.5743	0.0000	0.0000	0	0.00		
Dec 2017	ZAFR	Future	1,150	14.1079	13.8526	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			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	72,684	17.5393	17.2219	17.5396	17.3980	297	5,203,604.50		
Dec 2017	ZAGB	Future	9,497	17.8429	17.5211	17.8419	17.8419	100	1,784,190.00		
Mar 2018	ZAGB	Future	420	18.1413	17.8146	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	18.4358	18.1025	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	18.7360	18.3958	0.0000	0.0000	0	0.00		
			87,288					397.00	6,987,794.50	8 448 990.00	139 854 006 451.30
		<b>Total</b>	<b>87,288</b>					<b>397.00</b>	<b>6,987,794.50</b>	<b>8 448 990.00</b>	<b>139 854 006 451.30</b>
<b>Option</b>											
Sep 2017	ZAGB	16.70 Call	700	933.1094	689.0716	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	700	118.7241	77.1579	0.0000	0.0000	0	0.00		
			1,400					0.00	0.00	1 766 013.00	0.00
		<b>Total</b>	<b>88,688</b>					<b>397.00</b>	<b>6,987,794.50</b>	<b>10 215 003.00</b>	<b>139 854 006 451.30</b>
<b>Future</b>											
Sep 2017	ZAJY	Future	5,958	0.1207	0.1184	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1229	0.1207	0.0000	0.0000	0	0.00		
			6,073					0.00	0.00	946 622.00	10 541 891 889.70
		<b>Total</b>	<b>6,073</b>					<b>0.00</b>	<b>0.00</b>	<b>946 622.00</b>	<b>10 541 891 889.70</b>
<b>Future</b>											
Sep 2017	ZAKS	Future	1,382	0.1269	0.1251	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1252	0.1236	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>	<b>29 417.00</b>	<b>400 402 950.00</b>
<b>Future</b>											
Sep 2017	ZAUM	Future	411	13.2983	13.1097	13.2937	13.1321	14	18,512,930.00		
Dec 2017	ZAUM	Future	101	13.4888	13.2981	13.3223	13.3223	5	6,661,150.00		
Mar 2018	ZAUM	Future	4	13.6745	13.4814	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	182	13.8562	13.6595	0.0000	0.0000	0	0.00		
			698					19.00	25,174,080.00	139 455.00	159 041 632 630.00
		<b>Total</b>	<b>698</b>					<b>19.00</b>	<b>25,174,080.00</b>	<b>143 978.00</b>	<b>159 041 632 630.00</b>
<b>Future</b>											
Sep 2017	ZAUS	Future	707,603	13.2983	13.1097	13.3058	13.1200	127,854	1,690,251,592.50		
Dec 2017	ZAUS	Future	118,454	13.4888	13.2981	13.4916	13.3221	1,815	24,311,779.50		
Mar 2018	ZAUS	Future	111,352	13.6745	13.4814	13.6754	13.5974	52,349	711,856,104.00		
Jun 2018	ZAUS	Future	100,881	13.8562	13.6595	0.0000	0.0000	0	0.00		

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Sep 2018	ZAUS	Future	400	14.0414	13.8404	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	2,500	14.4207	14.2110	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.7084	15.4685	0.0000	0.0000	0	0.00		
			<u>1,225,190</u>					<u>182,018.00</u>	<u>2,426,419,476.00</u>	<u>149 982 724.00</u>	<u>1 741 510 966 136.90</u>

Option

Sep 2017	ZAUS	12.00 Put	37,202	8.7140	13.4856	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	15.5941	24.6225	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	17.9720	28.4665	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	18.4862	29.2973	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	33,025	35.6997	58.9088	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	39.6915	67.1295	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	40.7502	69.3060	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	46.4322	80.9518	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	621.0887	483.6340	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	72.7887	123.9340	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	84.5866	141.0868	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	510.4053	389.4940	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	131.2552	205.8687	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	443.4627	334.1376	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	21,600	145.1627	224.4376	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	201.1914	298.2248	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	205.6369	304.1777	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	327.0464	244.4668	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	228.7464	334.7668	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,100	253.3244	366.6770	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	237.7362	179.3810	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	339.4362	469.6810	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	230.4001	173.8744	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	219.7840	165.9221	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	371.4840	506.2221	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	209.6200	158.3297	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	6,020	203.0876	153.4578	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	186,712	496.7878	645.5582	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	159.8820	121.4120	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	587.8647	744.2219	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	595.6932	752.5614	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	125.6426	95.8800	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	123.6382	94.3486	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	106.9805	81.6313	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	100.3262	76.5540	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	90.8774	69.5396	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	65.2551	50.6149	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	14.22 Put	110	984.8362	1159.3458	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1075.2538	1252.2423	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	52.6820	41.2951	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1213.6225	1392.7825	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	39.9334	30.6944	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	36.8365	27.9203	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	27.4920	20.1775	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	26.4687	19.4157	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	16.1028	11.7331	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	2.5471	2.7165	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	2.3262	2.5104	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	2.2906	2.4772	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	2.2187	2.4115	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	2.1948	2.3911	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	2.1926	2.3894	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.5961	0.4024	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	32.7380	39.5389	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	46.5452	59.1646	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	65.6738	93.2518	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	97.6984	134.6232	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	118.4717	160.8443	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	155.1757	206.2985	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	2,580	272.2003	350.5084	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	314.6665	399.7267	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	323.5847	409.9821	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	351.1800	441.5676	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	365.4473	457.8117	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	623.7494	528.0302	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	436.0885	538.2509	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	462.9069	568.9712	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	507.7644	430.7501	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	398.7955	338.0860	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	850.7627	990.0022	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1239.9890	1396.9094	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	155.2947	131.3385	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	142.1937	120.3696	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	141.0625	119.4220	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	104.6130	88.9402	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	71.6858	61.2580	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	32.1726	27.0544	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	29.9170	25.1226	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	14.3701	10.6838	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	12.00 Put	225,000	92.3024	116.1344	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	36,000	183.2183	233.2781	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	73,187	345.9108	423.5812	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	458.0318	549.5189	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	523.0468	621.4996	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	833.4549	957.5562	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1016.3455	1150.9066	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	340.1546	302.4148	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	304.3059	269.3594	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	249.4084	220.7500	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	40,000	243.8758	215.8576	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	212.3059	187.9343	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	185.3597	164.1128	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	170.2148	150.7300	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	24.7260	30.1580	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	387.1012	458.9066	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	402.3734	477.1615	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	421.9681	500.5097	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	711.7999	818.5167	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	745.8971	854.8825	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	472.8850	427.0718	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	466.8154	421.2416	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	272.0859	245.2278	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	31.4000	31.1028	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	395.5454	463.8175	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	451.0040	414.2515	0.0000	0.0000	0	0.00		
			<u>2,201,126</u>					<u>0.00</u>	<u>0.00</u>	<u>36 562 789.00</u>	<u>0.00</u>
	<b>Total</b>		<b>3,426,316</b>					<b>182,018.00</b>	<b>2,426,419,476.00</b>	<b>186 545 513.00</b>	<b>1 741 510 966 136.90</b>
	<b>Grand Total</b>		<b>3,957,076</b>					<b>228,006.00</b>	<b>3 037 837 835.90</b>	<b>247,765,648</b>	<b>2,381,712,012,214.80</b>