



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 30-May-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
May 2017	DAEU	Future	4	14.6706	14.4964	0.0000	0.0000	0	0.00		
			<u>4</u>					<u>0.00</u>	<u>0.00</u>	<u>114,540.00</u>	<u>1,469,848,583.90</u>
		<b>Total</b>	<b>4</b>					<b>0.00</b>	<b>0.00</b>	<b>404,140.00</b>	<b>1,469,848,583.90</b>
<b>Future</b>											
May 2017	DAGB	Future	69	16.8778	16.6569	0.0000	0.0000	0	0.00		
			<u>69</u>					<u>0.00</u>	<u>0.00</u>	<u>53,182.00</u>	<u>871,944,035.30</u>
		<b>Total</b>	<b>69</b>					<b>0.00</b>	<b>0.00</b>	<b>244,295.00</b>	<b>871,944,035.30</b>
<b>Future</b>											
May 2017	DAUS	Future	0	13.1463	12.9745	0.0000	0.0000	1,391	18,291,650.00		
May 2017	DAUS	Future	1,395	13.1226	12.9745	0.0000	0.0000	3,767	49,459,706.80		
Jun 2017	DAUS	Future	30,000	13.1330	12.9876	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	Future	113	13.1850	13.0384	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	Future	4,130	13.1897	13.0430	0.0000	0.0000	1,800	23,718,900.00		
Jul 2017	DAUS	Future	5,100	13.2057	13.0585	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	1,804	13.2214	13.0740	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	202	13.2281	13.0807	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	13.2371	13.0895	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	3,274	13.2595	13.1117	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	13.2834	13.1354	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	377	13.3861	13.2372	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	13.4433	13.2937	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.4894	13.3393	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	0	13.5977	13.4459	0.0000	0.0000	1,000	13,521,500.00		
Feb 2018	DAUS	Future	70	13.6878	13.5346	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.8726	13.7154	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.0785	13.9161	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.2819	14.1141	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.4853	14.3122	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			47,289					7,958.00	104,991,756.80	5,416,240.00	62,818,495,447.30
<b>Option</b>											
Jun 2017	DAUS	13.10 Put	30,000	106.7816	202.4250	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	13.77 Call	30,000	9.2662	5.4459	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	13.10 Put	30,000	116.0823	207.3272	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	13.00 Put	20,000	95.3020	163.7760	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	12.90 Put	200	71.8688	126.4346	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	13.00 Put	100	103.8594	172.4092	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	13.03 Call	40,000	232.6605	160.3541	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	13.20 Put	150	196.7223	296.1127	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	13.50 Put	60	448.9653	565.1867	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	16.24 Call	60	1.3953	1.6768	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	14.00 Call	5,000	66.0208	50.5841	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	14.07 Call	5,000	70.1005	54.3272	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.95 Put	1,000	826.2636	953.1085	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	17.98 Call	1,000	0.6465	0.4990	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.20 Put	2,000	313.9997	395.6759	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	14.30 Call	2,000	79.4465	63.1700	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.50 Put	60	500.0688	600.8732	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	16.53 Call	60	5.7480	5.8352	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.35 Put	34,000	433.3369	518.4934	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.50 Put	60	538.2350	628.3174	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	14.0160	12.7129	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	565.3058	652.0333	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	18.0428	16.2600	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	299.0801	355.3688	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	588.4506	672.4683	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	343.5739	300.2435	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	25.2426	17.7125	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	607.5879	689.3983	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	44.4690	36.1695	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	622.8143	701.8506	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	52.2654	42.5917	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1674.2096	1784.0330	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	360.0973	324.4314	0.0000	0.0000	0	0.00		
			206,290					0.00	0.00	12,241,008.00	0.00
	<b>Total</b>		<b>253,579</b>					<b>7,958.00</b>	<b>104,991,756.80</b>	17,657,248.00	62,818,495,447.30
<b>Future</b>											
Jun 2017	EUUS	Future	252	1.1189	1.1183	0.0000	0.0000	0	0.00		
			252					0.00	0.00	542,449.00	6,032,918,081.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
<b>Total</b>			<b>252</b>					<b>0.00</b>	<b>0.00</b>	542,449.00	6,032,918,081.00	
<b>Future</b>												
	Jun 2017	GBUS	Future	8,108	1.2868	1.2844	0.0000	0.0000	0	0.00		
				<u>8,108</u>					<u>0.00</u>	<u>0.00</u>	115,298.00	1,470,269,431.00
			<b>Total</b>	<b>8,108</b>					<b>0.00</b>	<b>0.00</b>	115,298.00	1,470,269,431.00
<b>Future</b>												
	Jun 2017	ZAAD	Future	23,154	9.8119	9.6857	9.7943	9.7718	256	2,501,715.80		
	Sep 2017	ZAAD	Future	2,227	9.9503	9.8220	0.0000	0.0000	0	0.00		
	Dec 2017	ZAAD	Future	1,153	10.0877	9.9567	0.0000	0.0000	0	0.00		
	Jun 2018	ZAAD	Future	1,499	10.3578	10.2220	0.0000	0.0000	0	0.00		
				<u>28,033</u>					<u>256.00</u>	<u>2,501,715.80</u>	3,217,908.00	27,268,974,281.50
			<b>Total</b>	<b>28,033</b>					<b>256.00</b>	<b>2,501,715.80</b>	3,250,285.00	27,268,974,281.50
<b>Future</b>												
	Jun 2017	ZACA	Future	6,987	9.7777	9.6886	0.0000	0.0000	0	0.00		
				<u>6,987</u>					<u>0.00</u>	<u>0.00</u>	88,356.00	839,314,620.00
			<b>Total</b>	<b>6,987</b>					<b>0.00</b>	<b>0.00</b>	88,356.00	839,314,620.00
<b>Future</b>												
	Jun 2017	ZACR	Future	10	1.9231	1.9004	0.0000	0.0000	0	0.00		
				<u>10</u>					<u>0.00</u>	<u>0.00</u>	109,794.00	2,503,480,006.00
			<b>Total</b>	<b>10</b>					<b>0.00</b>	<b>0.00</b>	109,794.00	2,503,480,006.00
<b>Future</b>												
	Jun 2017	ZAEU	Future	68,944	14.7285	14.5572	14.7672	14.5620	502	7,342,390.30		
	Sep 2017	ZAEU	Future	7,114	15.0293	14.8530	15.0361	14.8821	21	315,604.10		
	Dec 2017	ZAEU	Future	4,753	15.3299	15.1484	0.0000	0.0000	0	0.00		
	Mar 2018	ZAEU	Future	4,010	15.6305	15.4430	0.0000	0.0000	0	0.00		
				<u>84,821</u>					<u>523.00</u>	<u>7,657,994.40</u>	11,449,107.00	159,526,865,260.00
<b>Option</b>												
	Dec 2017	ZAEU	14.00 Put	18,000	174.2697	204.8782	0.0000	0.0000	0	0.00		
	Dec 2017	ZAEU	16.39 Call	18,000	373.8274	323.4515	0.0000	0.0000	0	0.00		
	Mar 2018	ZAEU	15.05 Put	5,648	564.9853	636.2873	0.0000	0.0000	0	0.00		
				<u>41,648</u>					<u>0.00</u>	<u>0.00</u>	4,853,829.00	0.00
			<b>Total</b>	<b>126,469</b>					<b>523.00</b>	<b>7,657,994.40</b>	16,302,936.00	159,526,865,260.00
<b>Future</b>												
	Jun 2017	ZAFR	Future	1,356	13.5121	13.3448	0.0000	0.0000	0	0.00		
	Sep 2017	ZAFR	Future	1,000	13.8029	13.6310	0.0000	0.0000	0	0.00		

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Dec 2017	ZAFR	Future	500	14.0974	13.9185	0.0000	0.0000	0	0.00		
			2,856					0.00	0.00	577,215.00	6,068,873,545.90
		<b>Total</b>	<b>2,856</b>					<b>0.00</b>	<b>0.00</b>	577,215.00	6,068,873,545.90
<b>Future</b>											
Jun 2017	ZAGB	Future	52,025	16.9387	16.7204	16.9900	16.8400	1,255	21,186,648.50		
Sep 2017	ZAGB	Future	3,673	17.2487	17.0249	0.0000	0.0000	0	0.00		
Dec 2017	ZAGB	Future	4,136	17.5569	17.3274	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,032	18.1689	17.9300	0.0000	0.0000	0	0.00		
			62,866					1,255.00	21,186,648.50	8,177,882.00	135,284,247,435.80
<b>Option</b>											
Jun 2017	ZAGB	16.50 Call	600	530.8039	386.5250	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	16.50 Put	500	92.1039	166.1250	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	17.50 Call	300	83.7225	53.6252	0.0000	0.0000	0	0.00		
			1,400					0.00	0.00	1,761,213.00	0.00
		<b>Total</b>	<b>64,266</b>					<b>1,255.00</b>	<b>21,186,648.50</b>	9,939,095.00	135,284,247,435.80
<b>Future</b>											
Jun 2017	ZAJY	Future	122	0.1187	0.1170	0.0000	0.0000	0	0.00		
			122					0.00	0.00	922,593.00	10,261,629,931.30
		<b>Total</b>	<b>122</b>					<b>0.00</b>	<b>0.00</b>	922,593.00	10,261,629,931.30
<b>Future</b>											
Sep 2017	ZAKS	Future	1,382	0.1269	0.1254	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1252	0.1237	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>											
Jun 2017	ZAUM	Future	600	13.1639	13.0177	13.2072	13.2072	1	1,320,720.00		
Sep 2017	ZAUM	Future	22	13.3663	13.2177	0.0000	0.0000	0	0.00		
Dec 2017	ZAUM	Future	47	13.5655	13.4142	0.0000	0.0000	0	0.00		
Mar 2018	ZAUM	Future	3	13.7603	13.6056	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	147	13.9547	13.7955	0.0000	0.0000	0	0.00		
			819					1.00	1,320,720.00	137,954.00	157,080,363,320.00
		<b>Total</b>	<b>819</b>					<b>1.00</b>	<b>1,320,720.00</b>	142,477.00	157,080,363,320.00
<b>Future</b>											
Jun 2017	ZAUS	Future	886,978	13.1639	13.0177	13.2100	13.0326	39,387	516,511,309.00		
Sep 2017	ZAUS	Future	66,313	13.3663	13.2177	13.3950	13.2697	3,790	50,411,049.50		
Dec 2017	ZAUS	Future	84,572	13.5655	13.4142	13.5250	13.5250	40	541,000.00		

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Mar 2018	ZAUS	Future	9,077	13.7603	13.6056	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	3,845	13.9547	13.7955	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	1,500	14.5583	14.3832	0.0000	0.0000	0	0.00		
			<u>1,052,285</u>					<u>43,217.00</u>	<u>567,463,358.50</u>	<u>142,168,309.00</u>	<u>1,639,157,182,883.60</u>

Option

Jun 2017	ZAUS	11.78 Put	4,500	3.2636	5.0143	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.00 Put	60,150	5.2774	7.2019	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.10 Put	2,000	6.2897	8.6356	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.25 Put	4,500	8.3517	11.6167	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.30 Put	2,000	9.2353	12.9178	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.50 Put	1,600	14.3112	32.1857	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.65 Call	3,000	545.4820	430.3958	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.71 Put	17,600	41.7796	79.2326	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.76 Call	50	455.8793	352.7830	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.80 Put	4,000	61.3445	109.1623	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.90 Put	3,500	89.8241	149.9274	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.92 Call	3,000	340.3317	256.7411	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Call	1,078	289.9370	216.3652	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Put	88,255	126.0370	198.6652	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.25 Put	100	253.0061	354.5384	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.27 Call	3,000	159.3122	116.4966	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.30 Put	2,638	284.5547	390.6187	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.34 Call	4,000	134.9443	98.1959	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.39 Call	4,000	119.5323	86.7213	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.45 Call	3,000	103.0598	74.5417	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Call	4,750	90.8884	65.5987	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.69 Put	250	581.6430	712.4467	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.70 Call	500	54.0922	39.1584	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.80 Call	1,500	41.4076	30.5149	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	704.4773	840.6172	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	740.7788	877.9336	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Call	1,100	24.9638	18.5737	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Put	3,800	861.0638	1000.8737	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.04 Call	37	22.5718	16.8308	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	965.0374	1106.4775	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.13 Put	17,600	984.1141	1125.8024	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	1032.0051	1174.2577	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	1080.1525	1222.8972	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.25 Call	100	13.3762	10.0996	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.26 Call	3,156	13.0508	9.8602	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	1177.0945	1320.7081	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.40 Call	1,000	9.2780	7.2627	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	14.50 Call	98,178	7.3823	5.9224	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.75 Call	2,000	4.3954	3.6536	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1729.4446	1875.1353	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.00 Call	763	2.7220	2.3429	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.10 Call	1,000	2.2720	1.9825	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.15 Call	1,000	2.0806	1.8277	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	1.3709	1.2442	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Call	55,000	1.1724	1.0775	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	2337.2724	2483.3775	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	17,600	0.7799	0.8754	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2616.8799	2763.1754	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	0.7415	0.8554	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	0.7381	0.8527	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	0.6963	0.8192	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	0.6713	0.7996	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.20 Call	4,255	0.6498	0.7830	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	0.6384	0.7744	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	0.5786	0.7343	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	0.0437	0.0374	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	0.0119	0.0104	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	0.0006	0.0006	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.00 Put	7,202	42.9999	57.1500	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	69.0710	89.5535	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	1,125	128.0141	160.4389	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	40	153.7708	191.3902	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	216.6956	265.6989	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,351	661.6761	572.6777	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	13,099	295.3761	354.9777	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.13 Call	250	590.6848	508.5797	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	359.1789	426.2017	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.30 Call	500	506.9986	435.3230	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	500	463.2269	397.3861	0.0000	0.0000	500	0.00
Sep 2017	ZAUS	13.40 Put	3,500	496.9269	579.6861	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	6,020	423.5420	362.5561	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	216,962	640.3368	733.9175	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	721.4238	820.1432	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	728.3621	827.4911	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	322.6761	274.8289	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	800	283.9317	241.4475	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	223.9997	190.0355	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1073.6640	1188.8846	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.25 Call	150	214.0518	181.5325	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	14.32 Put	110	1154.5840	1272.5991	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	199.0718	168.7539	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1279.1400	1400.9433	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	170.7713	144.6787	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	163.2818	137.7957	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	140.1422	116.7579	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	107.2929	88.9742	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	42.3501	34.9429	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	29.6488	24.9409	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	27.1727	22.9844	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	21.0234	18.1042	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	650	17.7954	15.5254	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	17.3617	15.1778	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	5.9249	4.7200	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	500	67.8054	79.9905	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	400	96.3090	111.9412	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	127.5983	153.9622	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	170.5055	203.2222	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	196.6399	232.9275	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	240.6538	282.5447	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	2,580	370.0214	428.3968	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	423.7356	487.2021	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	452.1019	518.0955	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	466.6554	533.9100	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	537.8075	610.8555	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	564.4847	639.5619	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	9,816	685.2755	613.5051	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.91 Put	34,000	873.9790	968.3030	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	934.8398	1032.0405	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1301.8098	1413.5753	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	3,580	271.6512	240.2143	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	253.3658	223.9012	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	251.7708	222.4794	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	9,316	198.4383	175.0295	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	146.2207	128.7715	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	82.6655	73.0539	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	78.7590	69.5444	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	47.5676	38.5287	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	3,867	418.3717	472.6846	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	596.4148	665.1459	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	461.3649	417.6001	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	420.4797	378.4793	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	15.46 Call	3,867	355.0601	318.7405	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.00 Put	750	21.4468	23.2484	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.05 Put	750	480.9839	532.1628	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	766.7237	840.2245	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	16.38 Call	750	364.5208	330.9320	0.0000	0.0000	0	0.00	
			<u>1,661,535</u>					<u>500.00</u>	<u>0.00</u>	<u>34,344,382.00</u>
		<b>Total</b>	<b>2,713,820</b>					<b>43,717.00</b>	<b>567,463,358.50</b>	<b>176,512,691.00</b>
										<b>1,639,157,182,883.60</b>

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<b>Grand Total</b>	<b>3,207,921</b>						<b>53,710.00</b>	<b>705,122,194.00</b>	<b>235,108,600</b>	<b>2,251,215,972,565.10</b>
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