



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-June-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
<b>Future</b>											
Jun 2017	DAEU	Future	4	14.5405	14.5088	0.0000	0.0000	0	0.00		
			4					0.00	0.00	114 552.00	1 470 024 419.90
		<b>Total</b>	<b>4</b>					<b>0.00</b>	<b>0.00</b>	404 152.00	1 470 024 419.90
<b>Future</b>											
Jun 2017	DAGB	Future	5	16.7716	16.6817	0.0000	0.0000	0	0.00		
			5					0.00	0.00	53 259.00	873 246 220.90
		<b>Total</b>	<b>5</b>					<b>0.00</b>	<b>0.00</b>	244 372.00	873 246 220.90
<b>Future</b>											
Jun 2017	DAUS	Future	113	12.9400	12.8629	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	Future	5,060	12.9447	12.8673	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	5,100	12.9608	12.8826	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	2,524	12.9767	12.8978	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	1,272	12.9832	12.9043	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	1,080	12.9876	12.9086	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	12.9920	12.9129	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	3,274	13.0138	12.9344	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	1,350	13.0225	12.9430	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	13.0378	12.9580	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	377	13.1373	13.0565	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	13.1924	13.1110	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.2370	13.1549	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.4284	13.3444	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.6065	13.5209	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.8035	13.7178	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.9989	13.9139	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.1943	14.1100	0.0000	0.0000	0	0.00		
			<b>21,044</b>					<b>0.00</b>	<b>0.00</b>	<b>5 569 645.00</b>	<b>64 819 261 280.80</b>
<b>Option</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>
Jun 2017	DAUS	13.00 Put	20,000	126.1103	202.9274	0.0000	0.0000	0	0.00
Jun 2017	DAUS	12.90 Put	200	93.2906	142.1889	0.0000	0.0000	0	0.00
Jun 2017	DAUS	13.00 Put	100	156.4866	216.5078	0.0000	0.0000	0	0.00
Jun 2017	DAUS	13.03 Call	40,000	60.5542	38.3100	0.0000	0.0000	0	0.00
Jun 2017	DAUS	13.20 Put	150	316.4227	390.1266	0.0000	0.0000	0	0.00
Jun 2017	DAUS	13.13 Call	30,000	58.5965	0.0000	0.0000	0.0000	30,000	0.00
Jun 2017	DAUS	13.50 Put	60	608.9852	679.9725	0.0000	0.0000	0	0.00
Jun 2017	DAUS	16.24 Call	60	0.5689	0.7780	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.00 Call	5,000	20.7350	19.9024	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.07 Call	5,000	27.4603	24.2207	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.95 Put	1,000	1017.9516	1091.9552	0.0000	0.0000	0	0.00
Jul 2017	DAUS	17.98 Call	1,000	0.1922	0.1474	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.20 Put	2,000	422.1402	477.6910	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.30 Call	2,000	39.0138	34.4106	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.50 Put	60	643.2664	706.8128	0.0000	0.0000	0	0.00
Jul 2017	DAUS	16.53 Call	60	3.4237	3.3964	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.35 Put	34,000	556.1648	612.9583	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.50 Put	60	673.2029	732.6281	0.0000	0.0000	0	0.00
Aug 2017	DAUS	16.84 Call	60	8.2690	7.6067	0.0000	0.0000	0	0.00
Sep 2017	DAUS	13.50 Put	60	696.3236	752.6412	0.0000	0.0000	0	0.00
Sep 2017	DAUS	17.13 Call	60	9.9150	8.0997	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.92 Put	1,000	380.0884	419.6975	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	716.9175	770.3819	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	260.4486	242.4183	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	15.4152	15.6309	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	733.9701	784.9906	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	30.9561	28.0482	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	745.8558	795.4781	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	37.8801	34.3682	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1856.0479	1919.2324	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	298.7892	282.9173	0.0000	0.0000	0	0.00
			<u>146,290</u>					<u>30,000.00</u>	<u>0.00</u>
		<b>Total</b>	<b>167,334</b>					<b>30,000.00</b>	<b>0.00</b>
									<u>12 331 008.00</u>
									<u>0.00</u>
									<u>17 900 653.00</u>
									<u>64 819 261 280.80</u>
<b>Future</b>									
Jun 2017	EUUS	Future	127	1.1226	1.1270	1.1228	1.1228	10	112,280.00
			<u>127</u>					<u>10.00</u>	<u>112,280.00</u>
		<b>Total</b>	<b>127</b>					<b>10.00</b>	<b>112,280.00</b>
									<u>542 844.00</u>
									<u>6 037 361 296.00</u>
<b>Future</b>									
Jun 2017	GBUS	Future	8,358	1.2951	1.2960	1.2956	1.2956	15	194,340.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			8,358					15.00	194,340.00	115 578.00	1 473 886 311.00
	<b>Total</b>		<b>8,358</b>					<b>15.00</b>	<b>194,340.00</b>	115 578.00	1 473 886 311.00
<b>Future</b>											
	Jun 2017 ZAAD	Future	23,045	9.7361	9.6998	9.7175	9.7175	10	97,175.00		
	Sep 2017 ZAAD	Future	2,259	9.8735	9.8342	0.0000	0.0000	0	0.00		
	Dec 2017 ZAAD	Future	1,153	10.0073	9.9664	0.0000	0.0000	0	0.00		
	Jun 2018 ZAAD	Future	2,041	10.2700	10.2261	0.0000	0.0000	0	0.00		
			28,498					10.00	97,175.00	3 219 625.00	27 285 710 923.20
	<b>Total</b>		<b>28,498</b>					<b>10.00</b>	<b>97,175.00</b>	3 252 002.00	27 285 710 923.20
<b>Future</b>											
	Jun 2017 ZACA	Future	6,987	9.5700	9.5171	0.0000	0.0000	0	0.00		
	Sep 2017 ZACA	Future	10	9.7348	9.6777	0.0000	0.0000	0	0.00		
			6,997					0.00	0.00	88 366.00	839 411 320.00
	<b>Total</b>		<b>6,997</b>					<b>0.00</b>	<b>0.00</b>	88 366.00	839 411 320.00
<b>Future</b>											
	Jun 2017 ZACR	Future	10	1.9042	1.8951	0.0000	0.0000	0	0.00		
			10					0.00	0.00	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	64,881	14.5031	14.4737	14.5114	14.4571	55	796,338.00		
	Sep 2017 ZAEU	Future	7,493	14.7976	14.7639	14.7528	14.7272	590	8,701,648.00		
	Dec 2017 ZAEU	Future	38,003	15.0905	15.0544	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	Future	4,152	15.3843	15.3460	0.0000	0.0000	0	0.00		
			114,529					645.00	9,497,986.00	11 546 073.00	160 972 810 208.80
<b>Option</b>											
	Dec 2017 ZAEU	14.00 Put	18,000	202.3105	215.0103	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	14.13 Put	66,500	239.4665	253.1171	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	16.39 Call	18,000	302.5049	293.7392	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	16.53 Call	66,500	278.5714	270.2371	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.05 Put	5,648	643.5204	664.9283	0.0000	0.0000	0	0.00		
			174,648					0.00	0.00	5 053 329.00	0.00
	<b>Total</b>		<b>289,177</b>					<b>645.00</b>	<b>9,497,986.00</b>	16 599 402.00	160 972 810 208.80
<b>Future</b>											
	Jun 2017 ZAFR	Future	1,356	13.3629	13.3338	0.0000	0.0000	0	0.00		
	Sep 2017 ZAFR	Future	1,000	13.6480	13.6152	0.0000	0.0000	0	0.00		
	Dec 2017 ZAFR	Future	500	13.9344	13.8995	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			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	50,261	16.7324	16.6449	16.7010	16.6503	451	7,513,857.50		
	Sep 2017 ZAGB	Future	6,978	17.0380	16.9450	16.9950	16.9950	242	4,106,935.00		
	Dec 2017 ZAGB	Future	4,136	17.3381	17.2419	0.0000	0.0000	0	0.00		
	Jun 2018 ZAGB	Future	3,414	17.9332	17.8312	0.0000	0.0000	0	0.00		
			64,789					693.00	11,620,792.50	8 192 926.00	135 537 329 948.60
<b>Option</b>											
	Jun 2017 ZAGB	16.50 Call	600	351.9542	290.4393	0.0000	0.0000	0	0.00		
	Jun 2017 ZAGB	16.50 Put	500	119.5542	145.5393	0.0000	0.0000	0	0.00		
	Jun 2017 ZAGB	17.50 Call	300	23.2461	15.6300	0.0000	0.0000	0	0.00		
	Sep 2017 ZAGB	16.70 Call	700	745.2017	698.5251	0.0000	0.0000	0	0.00		
	Sep 2017 ZAGB	17.80 Call	1,200	308.4938	286.9666	0.0000	0.0000	0	0.00		
			3,300					0.00	0.00	1 763 113.00	0.00
	<b>Total</b>		<b>68,089</b>					<b>693.00</b>	<b>11,620,792.50</b>	9 956 039.00	135 537 329 948.60
<b>Future</b>											
	Jun 2017 ZAJY	Future	6,052	0.1173	0.1175	0.0000	0.0000	0	0.00		
			6,052					0.00	0.00	928 523.00	10 330 244 775.30
	<b>Total</b>		<b>6,052</b>					<b>0.00</b>	<b>0.00</b>	928 523.00	10 330 244 775.30
<b>Future</b>											
	Sep 2017 ZAKS	Future	1,382	0.1248	0.1236	0.0000	0.0000	0	0.00		
	Jun 2018 ZAKS	Future	1,145	0.1231	0.1228	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	362	12.9196	12.8432	12.9452	12.8576	35	45,084,980.00		
	Sep 2017 ZAUM	Future	342	13.1182	13.0376	13.1365	13.0540	11	14,404,050.00		
	Dec 2017 ZAUM	Future	52	13.3108	13.2279	0.0000	0.0000	0	0.00		
	Mar 2018 ZAUM	Future	3	13.4984	13.4137	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUM	Future	182	13.6845	13.5985	0.0000	0.0000	0	0.00		
			941					46.00	59,489,030.00	138 799.00	158 179 108 360.00
	<b>Total</b>		<b>941</b>					<b>46.00</b>	<b>59,489,030.00</b>	143 322.00	158 179 108 360.00
<b>Future</b>											
	Jun 2017 ZAUS	Future	960,788	12.9196	12.8432	12.9557	12.8600	37,536	483,458,022.20		
	Sep 2017 ZAUS	Future	193,010	13.1182	13.0376	13.1462	13.0660	7,745	101,522,513.60		

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Dec 2017	ZAUS	Future	89,247	13.3108	13.2279	13.3330	13.2792	225	2,998,327.00		
Mar 2018	ZAUS	Future	9,397	13.4984	13.4137	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	Future	3,845	13.6845	13.5985	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	1,500	14.2644	14.1803	0.0000	0.0000	0	0.00		
			<u>1,257,787</u>					<u>45,506.00</u>	<u>587,978,862.80</u>	<u>142 916 095.00</u>	<u>1 648 840 156 465.20</u>

Option

Jun 2017	ZAUS	11.78 Put	4,500	1.2623	2.0646	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.00 Put	60,150	2.6885	4.1961	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.10 Put	2,000	3.8595	5.9065	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.25 Put	4,500	6.7866	11.2434	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.30 Put	2,000	9.1658	14.8388	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.50 Put	2,400	27.1917	40.3679	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.71 Put	17,600	70.3882	96.3920	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.76 Call	50	245.4857	198.7634	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.80 Put	4,000	99.9742	132.7025	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.90 Put	3,500	142.1895	184.7058	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.92 Call	3,000	152.3104	119.9178	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Call	1,078	118.5015	91.7655	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Put	88,255	198.9015	248.5655	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.25 Put	100	379.8820	443.1165	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.27 Call	3,000	45.9041	33.5409	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.30 Put	2,638	421.3637	486.5307	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.39 Call	4,000	28.8595	20.5191	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.45 Call	3,000	22.6990	15.9130	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Call	4,750	18.5150	12.8248	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.69 Put	250	780.0826	854.1973	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.70 Call	500	9.3903	7.1973	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.80 Call	1,500	6.9560	5.5181	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	916.7724	991.9106	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Call	1,100	3.9618	3.3926	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Put	3,800	1084.3618	1160.1926	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.04 Call	37	3.5614	3.0995	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	1193.3700	1269.4604	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.13 Put	17,600	1213.2230	1289.3498	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	1262.8920	1339.0542	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	1312.5728	1388.7713	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.25 Call	100	2.0496	1.8696	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.26 Call	3,156	1.9909	1.8210	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	1412.0284	1488.3183	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.40 Call	1,000	1.3376	1.2718	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	98,178	1.0175	0.9953	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.75 Call	2,000	0.5338	0.5617	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	14.89 Put	1,297	1970.7811	2047.2179	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.00 Call	763	0.2960	0.3353	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.10 Call	1,000	0.2373	0.2768	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.15 Call	1,000	0.2132	0.2523	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	0.1285	0.1637	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Call	55,000	0.1065	0.1605	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	2580.5065	2656.9605	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	17,600	0.0150	0.1555	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2860.4150	2936.9555	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	0.0087	0.1550	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	0.0080	0.1550	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	0.0025	0.1547	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	0.0010	0.1551	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.20 Call	4,255	0.0004	0.1559	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	0.0002	0.1566	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	0.0000	0.1519	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	0.0000	0.0021	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	0.0000	0.0004	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	0.0000	0.0000	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.00 Put	7,202	57.6141	70.8397	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	92.1790	110.3455	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	104.9647	124.7437	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	1,125	169.1836	196.6688	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	40	203.3063	234.0234	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	630.1445	585.1155	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	283.4789	320.6559	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	497.6284	460.4499	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	13,099	379.4284	422.8499	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.13 Call	250	438.6496	406.0881	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	456.2957	504.6153	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.30 Call	500	372.7762	344.7694	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	500	338.4964	312.9381	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	620.2964	675.3381	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	322.5126	298.1151	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	6,020	307.2634	283.9812	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	216,962	782.6603	842.6842	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	872.8998	935.0979	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	880.5622	942.9361	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	229.6346	212.0965	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	200.4059	185.0932	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	155.9498	144.0701	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1254.7924	1323.7430	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	14.25 Call	150	148.6694	137.3570	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1340.8831	1410.9193	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	137.7679	127.3087	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1471.8528	1542.9325	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	116.4392	107.2061	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	110.6608	101.8897	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	93.1207	85.7587	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	70.2522	64.7405	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	26.1917	23.8896	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	17.6312	15.8776	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	15.9986	14.3573	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	12.0087	10.6566	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	650	9.9591	8.5997	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	9.6865	8.2544	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	2.5228	2.0766	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	79.1589	90.2165	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	400	114.1813	131.5539	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	161.4621	182.8901	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	214.3380	239.5985	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	246.2127	273.5223	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	299.4008	332.0325	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	2,580	457.2234	497.2379	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	519.5919	561.9615	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	552.2815	595.7904	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	568.9944	613.1180	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	650.3389	697.5469	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	680.7402	728.8831	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	554.1902	521.2382	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.91 Put	34,000	1023.7224	1080.4830	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	1089.9307	1148.1809	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1482.4320	1547.1163	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	213.0862	197.8402	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	198.5091	184.2281	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	197.2382	183.0402	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	9,316	155.0322	143.7000	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	114.6133	107.1881	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	67.2857	64.2894	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	64.2596	59.3937	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	34.1766	30.5630	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	3,867	502.5558	539.6517	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.07 Put	113,476	537.3235	575.6832	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	705.2137	748.9207	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	14.91 Call	8,395	382.9676	361.0073	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	15.11 Call	2,500	346.2975	326.3210	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	15.46 Call	3,867	291.2466	274.3336	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.00 Put	750	25.0101	29.3191	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.05 Put	750	560.3470	596.5080	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.64 Put	70,530	883.1940	928.8078	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	16.38 Call	750	305.5413	293.4613	0.0000	0.0000	0	0.00	
			<u>1,754,586</u>					<u>0.00</u>	<u>0.00</u>	<u>34 667 229.00</u>
	<b>Total</b>		<b>3,012,373</b>					<b>45,506.00</b>	<b>587,978,862.80</b>	<b>177 583 324.00</b>
										<b>1 648 840 156 465.20</b>

<b>Grand Total</b>			<b>3,593,348</b>					<b>76,925.00</b>	<b>668 990 466.30</b>	<b>236,745,314</b>	<b>2,265,792,470,784.10</b>
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