



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 05-May-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
May 2017	DAEU	Future	4	14.8818	14.9228	0.0000	0.0000	0	0.00		
			<u>4</u>					<u>0.00</u>	<u>0.00</u>	<i>114 540.00</i>	<i>1 469 848 583.90</i>
		Total	4					0.00	0.00	404 140.00	1 469 848 583.90
Future											
May 2017	DAGB	Future	69	17.5425	17.6088	0.0000	0.0000	0	0.00		
			<u>69</u>					<u>0.00</u>	<u>0.00</u>	<i>53 118.00</i>	<i>870 851 332.10</i>
		Total	69					0.00	0.00	244 231.00	870 851 332.10
Future											
May 2017	DAUS	Future	0	13.5795	13.5769	0.0000	0.0000	2,500	33,948,750.00		
May 2017	DAUS	Future	70	13.4830	13.5770	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	10	13.4923	13.5862	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,140	13.5015	13.5955	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,391	13.5270	13.6213	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,200	13.5293	13.6236	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	Future	113	13.5940	13.6885	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	4	13.6309	13.7255	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	280	13.6379	13.7324	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	13.6471	13.7416	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	4,774	13.6702	13.7647	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	13.6956	13.7900	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	377	13.8028	13.8973	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	13.8621	13.9566	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.9098	14.0044	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	14.1148	14.2117	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.3069	14.4043	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.5171	14.6136	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.7229	14.8185	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.9287	15.0234	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			10,253					2,500.00	33,948,750.00	5 313 242.00	61 464 923 447.70
Option											
May 2017	DAUS	13.01 Call	2,500	478.2479	575.8622	0.0000	0.0000	0	0.00		
May 2017	DAUS	13.00 Put	34,000	15.9257	13.0888	0.0000	0.0000	0	0.00		
May 2017	DAUS	15.00 Call	34,000	0.7099	1.1554	0.0000	0.0000	0	0.00		
May 2017	DAUS	13.55 Call	2,500	105.6558	0.0000	0.0000	0.0000	5,000	0.00		
May 2017	DAUS	13.60 Call	20,000	88.3898	132.9543	0.0000	0.0000	0	0.00		
May 2017	DAUS	14.25 Call	1,250	7.2494	10.3032	0.0000	0.0000	0	0.00		
May 2017	DAUS	12.75 Put	300	7.4007	6.4681	0.0000	0.0000	0	0.00		
May 2017	DAUS	12.90 Put	100	12.9750	9.8200	0.0000	0.0000	0	0.00		
May 2017	DAUS	13.05 Put	100	31.0424	23.5014	0.0000	0.0000	0	0.00		
May 2017	DAUS	13.45 Put	100	143.4959	0.0000	0.0000	0.0000	100	0.00		
May 2017	DAUS	13.53 Put	20,000	189.6284	150.1491	0.0000	0.0000	0	0.00		
May 2017	DAUS	13.50 Put	60	207.7145	168.8579	0.0000	0.0000	0	0.00		
May 2017	DAUS	15.97 Call	60	1.4767	1.9321	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	12.75 Put	17,000	32.4829	0.0000	0.0000	0.0000	34,000	0.00		
Jun 2017	DAUS	14.50 Call	17,000	48.4712	0.0000	0.0000	0.0000	17,000	0.00		
Jun 2017	DAUS	13.50 Put	60	297.9796	257.4161	0.0000	0.0000	0	0.00		
Jun 2017	DAUS	16.24 Call	60	8.1153	10.1005	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	14.00 Call	5,000	230.5939	261.6430	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	14.07 Call	5,000	228.3054	257.5955	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.95 Put	1,000	594.8167	533.6708	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	17.98 Call	1,000	5.6150	7.6132	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.20 Put	2,000	217.7676	186.6458	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	14.30 Call	2,000	220.7771	245.0424	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	13.50 Put	60	350.1196	307.7434	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	16.53 Call	60	22.1236	23.6214	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	13.50 Put	60	391.9879	348.6737	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	16.84 Call	60	37.8847	41.1832	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	13.50 Put	60	421.4116	377.7651	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	17.13 Call	60	51.6210	53.0511	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	12.92 Put	1,000	222.6268	196.4703	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	13.50 Put	60	446.7797	402.8258	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	14.10 Call	1,000	553.6698	587.9628	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	17.45 Call	60	71.2809	71.5400	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	467.7156	422.9514	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	90.1512	89.8415	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	482.5336	438.5209	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	103.4501	103.7322	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1425.6693	1354.8140	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	504.8945	522.5916	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
			170,810					56,100.00	0.00	11 825 558.00	0.00
		Total	181,063					58,600.00	33,948,750.00	17 138 800.00	61 464 923 447.70
Future											
	Jun 2017 EUUS	Future	107	1.1011	1.0964	1.1006	1.1006	20	220,120.00		
			107					20.00	220,120.00	541 964.00	6 027 506 556.00
		Total	107					20.00	220,120.00	541 964.00	6 027 506 556.00
Future											
	Jun 2017 GBUS	Future	50	1.2974	1.2932	1.2942	1.2942	10	129,420.00		
			50					10.00	129,420.00	107 140.00	1 364 307 644.00
		Total	50					10.00	129,420.00	107 140.00	1 364 307 644.00
Future											
	Jun 2017 ZAAD	Future	22,724	10.0444	10.1013	0.0000	0.0000	0	0.00		
	Sep 2017 ZAAD	Future	1,835	10.1863	10.2427	10.2474	10.2458	500	5,123,380.00		
	Dec 2017 ZAAD	Future	653	10.3275	10.3838	0.0000	0.0000	0	0.00		
			25,212					500.00	5,123,380.00	3 197 638.00	27 069 445 530.90
		Total	25,212					500.00	5,123,380.00	3 230 015.00	27 069 445 530.90
Future											
	Jun 2017 ZACR	Future	10	1.9589	1.9738	0.0000	0.0000	0	0.00		
			10					0.00	0.00	109 794.00	2 503 480 006.00
		Total	10					0.00	0.00	109 794.00	2 503 480 006.00
Future											
	Jun 2017 ZAEU	Future	76,353	14.9453	14.9857	15.1291	14.9448	1,527	22,983,946.80		
	Sep 2017 ZAEU	Future	6,528	15.2483	15.2880	15.4231	15.3280	570	8,784,460.00		
	Dec 2017 ZAEU	Future	4,578	15.5557	15.5961	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	Future	3,169	15.8658	15.9074	16.0243	16.0242	500	8,012,125.00		
			90,628					2,597.00	39,780,531.80	11 385 559.00	158 584 963 329.60
Option											
	Dec 2017 ZAEU	14.00 Put	18,000	176.7104	167.2247	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	16.39 Call	18,000	490.2154	496.3654	0.0000	0.0000	0	0.00		
			36,000					0.00	0.00	4 848 181.00	0.00
		Total	126,628					2,597.00	39,780,531.80	16 233 740.00	158 584 963 329.60
Future											
	Jun 2017 ZAFR	Future	1,356	13.7664	13.8282	0.0000	0.0000	0	0.00		
			1,356					0.00	0.00	575 715.00	6 048 371 335.90
		Total	1,356					0.00	0.00	575 715.00	6 048 371 335.90

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Future											
Jun 2017	ZAGB	Future	53,731	17.6097	17.6755	17.8121	17.7027	7,792	138,619,337.40		
Sep 2017	ZAGB	Future	1,957	17.9294	17.9936	18.1359	18.1359	10	181,359.00		
Dec 2017	ZAGB	Future	2,215	18.2500	18.3143	0.0000	0.0000	0	0.00		
			<u>57,903</u>					<u>7,802.00</u>	<u>138,800,696.40</u>	<u>8 115 815.00</u>	<u>134 212 275 855.10</u>
Option											
Jun 2017	ZAGB	16.50 Call	600	1170.7163	1230.7150	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	17.50 Call	600	473.7052	513.5599	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	19.00 Call	1,200	92.1105	103.8925	0.0000	0.0000	0	0.00		
			<u>2,400</u>					<u>0.00</u>	<u>0.00</u>	<u>1 759 213.00</u>	<u>0.00</u>
		Total	60,303					7,802.00	138,800,696.40	9 875 028.00	134 212 275 855.10
Future											
Jun 2017	ZAJY	Future	3,315	0.1207	0.1214	0.0000	0.0000	0	0.00		
			<u>3,315</u>					<u>0.00</u>	<u>0.00</u>	<u>913 368.00</u>	<u>10 153 238 763.30</u>
		Total	3,315					0.00	0.00	913 368.00	10 153 238 763.30
Future											
Sep 2017	ZAKS	Future	1,382	0.1305	0.1315	0.0000	0.0000	0	0.00		
			<u>1,382</u>					<u>0.00</u>	<u>0.00</u>	<u>27 127.00</u>	<u>372 831 350.00</u>
		Total	1,382					0.00	0.00	27 127.00	372 831 350.00
Future											
Jun 2017	ZAUM	Future	498	13.5733	13.6677	0.0000	0.0000	0	0.00		
Sep 2017	ZAUM	Future	22	13.7823	13.8767	0.0000	0.0000	0	0.00		
Dec 2017	ZAUM	Future	43	13.9878	14.0834	0.0000	0.0000	0	0.00		
Mar 2018	ZAUM	Future	3	14.1898	14.2870	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	47	14.3919	14.4889	0.0000	0.0000	0	0.00		
			<u>613</u>					<u>0.00</u>	<u>0.00</u>	<u>137 521.00</u>	<u>156 486 539 520.00</u>
		Total	613					0.00	0.00	142 044.00	156 486 539 520.00
Future											
Jun 2017	ZAUS	Future	906,859	13.5733	13.6677	13.7625	13.5700	112,338	1,540,588,770.20		
Sep 2017	ZAUS	Future	47,714	13.7823	13.8767	13.9725	13.9000	774	10,803,815.60		
Dec 2017	ZAUS	Future	86,247	13.9878	14.0834	14.1800	14.0640	700	9,864,820.00		
Mar 2018	ZAUS	Future	8,304	14.1898	14.2870	14.3611	14.3411	101	1,449,155.10		
Jun 2018	ZAUS	Future	7,845	14.3919	14.4889	0.0000	0.0000	5,400	73,358,000.00		
Mar 2019	ZAUS	Future	1,500	15.0025	15.0969	0.0000	0.0000	1,500	22,840,500.00		
			<u>1,058,469</u>					<u>120,813.00</u>	<u>1,658,905,060.90</u>	<u>140 964 514.00</u>	<u>1 623 123 938 783.20</u>
Option											
Jun 2017	ZAUS	11.78 Put	4,500	5.1849	4.6030	0.0000	0.0000	0	0.00		

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Jun 2017	ZAUS	12.00 Put	60,150	7.2907	6.3959	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.10 Put	2,000	8.5639	7.4694	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.25 Put	4,500	11.7804	9.4984	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.30 Put	2,000	13.7120	10.3127	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.50 Put	1,000	24.5388	19.3192	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.65 Call	3,000	960.2708	1047.6368	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.71 Put	17,600	43.2795	35.3939	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.76 Call	50	862.5132	948.2582	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.80 Put	4,000	54.4415	45.1290	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.90 Put	3,500	71.0661	58.4473	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.92 Call	33,000	728.4212	809.1622	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Call	1,578	666.3368	743.6736	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Put	88,455	93.0368	75.9736	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.25 Put	100	168.2158	140.8482	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.27 Call	3,000	478.8707	544.9941	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.30 Put	1,638	186.9916	157.3296	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.34 Call	4,000	436.2450	499.1062	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.39 Call	4,000	407.3601	467.8340	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.45 Call	3,000	374.4244	431.9870	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Call	4,750	348.4149	403.5243	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Put	100	275.1149	235.8243	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.69 Put	250	382.6463	330.6826	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.70 Call	500	262.1878	304.1439	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.80 Call	1,500	227.0961	264.4285	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	474.1232	415.7281	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	501.8087	441.6883	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Call	1,100	169.3966	198.4394	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Put	3,800	596.0966	530.7394	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.04 Call	37	159.6378	187.1894	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.11 Put	2,850	680.5349	611.2123	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.13 Put	17,600	696.3022	626.3041	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	736.2400	664.6164	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	776.8859	703.7236	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.25 Call	100	116.6316	137.2771	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.26 Call	3,156	114.8556	135.2479	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	859.8216	784.1348	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.40 Call	1,000	92.5543	109.5396	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	99,678	79.2768	93.9407	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.75 Call	2,000	53.8073	63.8426	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1360.0457	1273.7127	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.00 Call	763	36.2595	43.3862	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.10 Call	1,000	30.8015	36.9587	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	15.15 Call	1,000	28.3898	34.1117	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	18.9053	22.8696	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Call	55,000	16.0822	19.5059	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	1942.7822	1851.8059	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	19,880	10.2697	12.5465	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2216.9697	2124.8465	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	9.1916	11.2497	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	9.0475	11.0762	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	7.2613	8.9214	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	6.2152	7.6554	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.20 Call	4,255	5.3272	6.5783	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	4.9119	6.0105	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	4.2137	4.3664	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	1.4652	1.9136	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	0.6137	0.8194	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	0.0872	0.1220	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.00 Put	7,202	45.8315	40.1503	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	1,125	94.9249	80.5662	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	157.6910	136.4148	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,351	995.2223	1063.0536	0.0000	0.0000	5,702	0.00
Sep 2017	ZAUS	13.00 Put	3,099	212.9223	186.3536	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	259.3313	227.9738	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	365.7917	325.8344	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	694.7433	745.9405	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Call	250	630.0158	677.0419	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	226,450	477.7158	430.3419	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	542.4872	491.3450	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	548.0746	496.6251	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	408.7592	439.1193	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	840.2954	775.7772	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	910.8283	844.0148	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	370.3028	397.6656	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1020.6305	950.6223	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	7,402	325.4351	349.2223	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	313.3979	336.1315	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	275.8235	295.6439	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	600	223.9879	239.7316	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	104.5451	111.5058	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	77.6384	82.5369	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	55.1001	58.6872	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	650	45.6034	48.2002	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	44.3207	46.7860	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	18.00 Call	3,099	17.2079	17.3345	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	11.75 Put	500	50.3253	43.6614	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	400	75.0418	65.6533	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	102.3390	90.1563	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	133.0121	117.8998	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	2,600	151.6684	134.8658	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,819	184.0252	163.6350	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.00 Put	2,580	282.6825	253.6127	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	323.0997	291.1536	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.18 Put	16,000	344.6061	311.1973	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	411.5808	372.6609	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.40 Put	114,600	433.5763	392.0656	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.50 Call	500	967.2704	1018.7826	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.91 Put	34,000	693.2111	639.0836	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	745.3563	689.1614	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	1067.2978	1000.7383	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.00 Call	3,580	422.7251	443.3971	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.11 Call	1,900	398.7058	417.9084	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.12 Call	40,000	396.5977	415.6745	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	245.8673	257.1854	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	34,000	139.6429	143.0014	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.17 Call	16,000	137.3463	140.5174	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.20 Call	16,000	135.6573	138.6940	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	133.4520	136.3122	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	97.6810	97.8008	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	3,867	328.7293	299.7293	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	642.2799	668.8410	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	506.9269	525.9809	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	24.9836	26.4065	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	389.1371	359.7572	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	624.8022	583.7737	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	500.4634	514.7734	0.0000	0.0000	0	0.00		
			<u>1,661,025</u>					<u>5,702.00</u>	<u>0.00</u>	<u>33 819 383.00</u>	<u>0.00</u>
	Total		2,719,494					126,515.00	1,658,905,060.90	174 783 897.00	1 623 123 938 783.20
	Grand Total		3,119,606					196,044.00	1 876 907 959.10	232,654,152	2,230,337,598,976.60