



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 24-April-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Apr 2017	DACR	Future	0	1.8910	1.8945	0.0000	0.0000	362	6,858,090.00		
May 2017	DACR	Future	362	1.8915	1.9104	0.0000	0.0000	362	6,858,090.00		
			<u>362</u>					<u>724.00</u>	<u>13,716,180.00</u>	<u>1,956.00</u>	<u>38,934,759.00</u>
	Total		362					724.00	13,716,180.00	1,956.00	38,934,759.00
Future											
Apr 2017	DAEU	Future	5	14.1379	14.0764	0.0000	0.0000	0	0.00		
			<u>5</u>					<u>0.00</u>	<u>0.00</u>	<u>114,530.00</u>	<u>1,469,703,676.70</u>
	Total		5					0.00	0.00	404,130.00	1,469,703,676.70
Future											
Apr 2017	DAGB	Future	0	16.6282	16.8094	0.0000	0.0000	10	166,282.00		
Apr 2017	DAGB	Future	154	16.6356	16.8206	0.0000	0.0000	0	0.00		
Apr 2017	DAGB	Future	97	16.6368	16.8258	0.0000	0.0000	0	0.00		
May 2017	DAGB	Future	56	16.7467	16.9366	0.0000	0.0000	0	0.00		
			<u>307</u>					<u>10.00</u>	<u>166,282.00</u>	<u>52,649.00</u>	<u>862,911,590.70</u>
	Total		307					10.00	166,282.00	243,762.00	862,911,590.70
Future											
Apr 2017	DAUS	Future	20	13.0157	13.1598	0.0000	0.0000	0	0.00		
Apr 2017	DAUS	Future	2,081	13.0164	13.1632	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	5,000	13.0267	13.1733	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	70	13.0432	13.1906	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	10	13.0531	13.2005	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,140	13.0630	13.2104	0.0000	0.0000	0	0.00		
May 2017	DAUS	Future	1,391	13.0893	13.2430	0.0000	0.0000	1,391	18,421,013.00		
May 2017	DAUS	Future	1,200	13.0915	13.2387	0.0000	0.0000	12	156,714.50		
Jul 2017	DAUS	Future	4	13.1894	13.1480	0.0000	0.0000	4	52,592.00		
Jul 2017	DAUS	Future	250	13.1960	13.3447	0.0000	0.0000	0	0.00		
Jul 2017	DAUS	Future	70	13.2048	13.3537	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>		
Jul 2017	DAUS	Future	4,774	13.2266	13.3760	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	70	13.2503	13.4004	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	377	13.3518	13.5045	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	13.4079	13.5622	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.4532	13.6083	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.6505	13.8098	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.8351	13.9997	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.0411	14.2122	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.2427	14.4201	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.4442	14.6280	0.0000	0.0000	0	0.00		
			<u>17,211</u>					<u>1,407.00</u>	<u>18,630,319.50</u>	<u>5,294,404.00</u>	<u>61,212,815,925.90</u>

Option

Apr 2017	DAUS	13.06 Call	100	41.1054	175.5058	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.50 Put	60	487.1222	377.7786	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.80 Put	1,000	784.9606	658.1286	0.0000	0.0000	0	0.00
Apr 2017	DAUS	14.10 Put	1,000	1084.4583	948.2112	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.06 Call	1,000	0.0367	0.5815	0.0000	0.0000	0	0.00
Apr 2017	DAUS	15.69 Call	60	0.0099	0.1080	0.0000	0.0000	0	0.00
Apr 2017	DAUS	16.67 Call	1,000	0.0000	0.7002	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.30 Call	2,500	17.8655	76.7939	0.0000	0.0000	0	0.00
Apr 2017	DAUS	13.00 Call	1,500	102.8987	241.1338	0.0000	0.0000	0	0.00
May 2017	DAUS	12.60 Put	10,000	21.8538	18.1496	0.0000	0.0000	0	0.00
May 2017	DAUS	13.56 Call	10,000	16.2121	45.7431	0.0000	0.0000	0	0.00
May 2017	DAUS	13.21 Call	10,000	77.8912	158.6798	0.0000	0.0000	0	0.00
May 2017	DAUS	13.22 Put	25,000	268.5528	200.9304	0.0000	0.0000	0	0.00
May 2017	DAUS	13.65 Call	1,000	15.8029	36.1641	0.0000	0.0000	0	0.00
May 2017	DAUS	13.01 Call	2,500	177.3765	0.0000	0.0000	0.0000	5,000	0.00
May 2017	DAUS	13.00 Put	34,000	165.7921	125.3926	0.0000	0.0000	0	0.00
May 2017	DAUS	15.00 Call	34,000	2.5042	4.5919	0.0000	0.0000	0	0.00
May 2017	DAUS	13.60 Call	20,000	41.7606	88.6932	0.0000	0.0000	0	0.00
May 2017	DAUS	14.25 Call	1,250	10.9587	19.8058	0.0000	0.0000	0	0.00
May 2017	DAUS	12.75 Put	300	79.4723	0.0000	0.0000	0.0000	300	0.00
May 2017	DAUS	13.50 Put	60	535.8867	454.0212	0.0000	0.0000	0	0.00
May 2017	DAUS	15.97 Call	60	2.4018	3.3770	0.0000	0.0000	0	0.00
Jun 2017	DAUS	13.50 Put	60	582.0583	509.3719	0.0000	0.0000	0	0.00
Jun 2017	DAUS	16.24 Call	60	10.0731	11.8280	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.00 Call	5,000	141.9230	194.0375	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.07 Call	5,000	141.9724	193.0880	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.95 Put	1,000	934.0632	843.0164	0.0000	0.0000	0	0.00
Jul 2017	DAUS	17.98 Call	1,000	4.8945	5.6673	0.0000	0.0000	0	0.00
Jul 2017	DAUS	13.20 Put	2,000	421.5973	374.4432	0.0000	0.0000	0	0.00
Jul 2017	DAUS	14.30 Call	2,000	140.8131	189.0940	0.0000	0.0000	0	0.00

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Jul 2017	DAUS	13.50 Put	60	610.2623	544.5111	0.0000	0.0000	0	0.00	
Jul 2017	DAUS	16.53 Call	60	18.7773	25.2025	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	13.50 Put	60	636.3899	570.5796	0.0000	0.0000	0	0.00	
Aug 2017	DAUS	16.84 Call	60	27.0751	31.1044	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	13.50 Put	60	655.7946	589.9715	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	17.13 Call	60	20.8034	43.8546	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	13.50 Put	60	672.9619	607.7531	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	17.45 Call	60	42.8652	59.2275	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	13.50 Put	60	687.3148	624.2827	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	17.74 Call	60	58.5070	76.6307	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	13.50 Put	60	697.8799	635.7866	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	18.02 Call	60	65.2097	82.5599	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.00 Put	1,000	1740.4556	1642.1354	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.81 Call	2,000	385.2042	436.2792	0.0000	0.0000	0	0.00	
				<u>176,230</u>				<u>5,300.00</u>	<u>0.00</u>	<u>11,732,258.00</u>
		Total	193,441					6,707.00	18,630,319.50	17,026,662.00
										61,212,815,925.90
Future										
Jun 2017	EUUS	Future	30,283	1.0888	1.0721	1.0896	1.0865	15	163,165.00	
			<u>30,283</u>					<u>15.00</u>	<u>163,165.00</u>	<u>511,598.00</u>
		Total	30,283					15.00	163,165.00	5,694,696,241.00
Future										
Jun 2017	GBUS	Future	50	1.2798	1.2799	1.2850	1.2813	120	1,539,350.00	
			<u>50</u>					<u>120.00</u>	<u>1,539,350.00</u>	<u>106,920.00</u>
		Total	50					120.00	1,539,350.00	1,361,474,679.00
Future										
Jun 2017	ZAAD	Future	23,129	9.9277	9.9884	9.8366	9.8366	101	993,496.60	
Sep 2017	ZAAD	Future	3,805	10.0642	10.1275	0.0000	0.0000	0	0.00	
Dec 2017	ZAAD	Future	58	10.2014	10.2663	0.0000	0.0000	0	0.00	
			<u>26,992</u>					<u>101.00</u>	<u>993,496.60</u>	<u>3,192,733.00</u>
		Total	26,992					101.00	993,496.60	27,019,512,140.90
Future										
Jun 2017	ZACR	Future	10	1.9015	1.9203	0.0000	0.0000	0	0.00	
			<u>10</u>					<u>0.00</u>	<u>0.00</u>	<u>109,794.00</u>
		Total	10					0.00	0.00	2,503,480,006.00
Future										
Jun 2017	ZAEU	Future	108,375	14.3001	14.2387	14.2801	14.1800	17,715	251,259,814.70	

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Sep 2017	ZAEU	Future	6,948	14.5844	14.5248	14.5447	14.5417	200	2,908,640.00		
Dec 2017	ZAEU	Future	4,478	14.8731	14.8142	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	Future	1,269	15.1678	15.1099	15.0489	15.0489	250	3,762,225.00		
			<u>121,070</u>					<u>18,165.00</u>	<u>257,930,679.70</u>	<u>10,472,394.00</u>	<u>145,203,575,578.30</u>
Option											
Dec 2017	ZAEU	14.00 Put	18,000	331.7928	364.4604	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	310.5788	313.2478	0.0000	0.0000	0	0.00		
			<u>36,000</u>					<u>0.00</u>	<u>0.00</u>	<u>4,848,181.00</u>	<u>0.00</u>
Total			157,070					18,165.00	257,930,679.70	15,320,575.00	145,203,575,578.30
Future											
Jun 2017	ZAFR	Future	1,356	13.2345	13.3419	0.0000	0.0000	0	0.00		
			<u>1,356</u>					<u>0.00</u>	<u>0.00</u>	<u>575,715.00</u>	<u>6,048,371,335.90</u>
Total			1,356					0.00	0.00	575,715.00	6,048,371,335.90
Future											
Jun 2017	ZAGB	Future	55,946	16.8090	16.9993	16.8100	16.7000	148,054	2,483,077,565.60		
Sep 2017	ZAGB	Future	1,946	17.1061	17.3018	17.1151	17.0218	450	7,678,150.00		
Dec 2017	ZAGB	Future	215	17.4053	17.6055	0.0000	0.0000	0	0.00		
			<u>58,107</u>					<u>148,504.00</u>	<u>2,490,755,715.60</u>	<u>7,820,727.00</u>	<u>129,088,580,062.30</u>
Option											
Jun 2017	ZAGB	16.50 Call	600	604.6794	757.6757	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	17.50 Call	600	228.1025	313.6785	0.0000	0.0000	0	0.00		
Jun 2017	ZAGB	19.00 Call	1,200	48.4097	74.5942	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			60,507					148,504.00	2,490,755,715.60	9,579,940.00	129,088,580,062.30
Future											
Jun 2017	ZAJY	Future	3,725	0.1198	0.1220	0.0000	0.0000	0	0.00		
			<u>3,725</u>					<u>0.00</u>	<u>0.00</u>	<u>912,548.00</u>	<u>10,143,457,803.30</u>
Total			3,725					0.00	0.00	912,548.00	10,143,457,803.30
Future											
Sep 2017	ZAKS	Future	1,382	0.1257	0.1272	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	488	13.1341	13.2816	0.0000	0.0000	20	26,150,000.00		
Sep 2017	ZAUM	Future	22	13.3324	13.4846	13.3012	13.2246	6	7,942,420.00		
Dec 2017	ZAUM	Future	42	13.5285	13.6852	0.0000	0.0000	0	0.00		

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Mar 2018	ZAUM	Future	3	13.7221	13.8834	0.0000	0.0000	0	0.00
Jun 2018	ZAUM	Future	47	13.9184	14.0856	0.0000	0.0000	0	0.00
			<u>602</u>					<u>26.00</u>	<u>34,092,420.00</u>
		Total	602					26.00	34,092,420.00
									137,444.00
									156,383,233,260.00
									141,967.00
									156,383,233,260.00
Future									
Jun 2017	ZAUS	Future	937,215	13.1341	13.2816	13.1695	13.0051	290,827	3,807,435,373.80
Sep 2017	ZAUS	Future	49,294	13.3324	13.4846	13.3250	13.2450	1,140	15,167,606.30
Dec 2017	ZAUS	Future	89,849	13.5285	13.6852	13.4256	13.4089	545	7,313,745.00
Mar 2018	ZAUS	Future	7,755	13.7221	13.8834	13.6877	13.6118	7,853	106,867,276.90
Jun 2018	ZAUS	Future	3,115	13.9184	14.0856	0.0000	0.0000	0	0.00
			<u>1,087,228</u>					<u>300,365.00</u>	<u>3,936,784,002.00</u>
									138,697,637.00
									1,592,669,367,709.30
Option									
Jun 2017	ZAUS	11.78 Put	4,500	12.6773	12.0846	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.00 Put	60,150	23.1704	18.1626	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.10 Put	2,000	31.5546	25.2966	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.25 Put	4,500	48.5814	40.0231	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.50 Put	1,000	92.1707	78.4073	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.65 Call	3,000	616.1880	743.4936	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.71 Put	17,600	150.9283	127.9172	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.76 Call	50	542.0317	664.0263	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.80 Put	4,000	182.4045	154.8081	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.90 Put	3,500	222.0105	188.8498	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	12.92 Call	33,000	444.6217	557.7973	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Call	1,578	400.6505	509.0026	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.00 Put	88,455	266.5505	227.4026	0.0000	0.0000	100	0.00
Jun 2017	ZAUS	13.25 Put	100	402.2413	343.7850	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.27 Call	3,000	278.8229	366.4824	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.30 Put	1,638	433.7748	371.8598	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.34 Call	4,000	253.8764	336.7122	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.39 Call	4,000	237.3097	316.7427	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.45 Call	3,000	218.7369	294.1485	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Call	4,750	204.2945	276.4213	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.50 Put	100	570.1945	494.8213	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.69 Put	250	713.1131	625.9285	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.70 Call	500	155.0483	214.7755	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.80 Call	1,500	134.9312	188.9841	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.83 Put	2,280	825.1414	730.2374	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	13.87 Put	30,000	857.9138	761.1088	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Call	1,250	101.1165	145.8302	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.00 Put	3,800	967.0165	864.2302	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.04 Call	37	95.4209	138.3928	0.0000	0.0000	0	0.00

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Jun 2017	ZAUS	14.11 Put	2,850	1062.1014	954.6570	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.13 Put	17,600	1079.6327	971.3859	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.18 Put	1,400	1123.7645	1013.5686	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.23 Put	2,000	1168.3052	1056.2453	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.25 Call	100	70.3317	105.0473	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.26 Call	3,156	69.3163	103.6748	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.33 Put	3,000	1258.5138	1142.9629	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.50 Call	99,678	48.9873	75.6557	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.75 Call	2,000	34.3892	53.9021	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	14.89 Put	1,297	1784.1890	1652.7689	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.00 Call	763	24.3074	38.0816	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.15 Call	1,000	19.8197	30.9339	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.40 Call	5,000	14.2144	21.9245	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Call	55,000	12.4814	19.1243	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.50 Put	150	2378.3814	2237.5243	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Call	19,880	8.7560	13.1002	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.78 Put	3,155	2654.6560	2511.5002	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.85 Call	3,000	8.3597	11.9314	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	15.86 Call	30,000	8.3242	11.7734	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.00 Call	5,000	7.8682	10.6659	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.10 Call	1,400	7.5850	10.2205	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.20 Call	4,255	7.3321	9.8223	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.26 Call	2,850	7.1936	9.6033	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	16.73 Call	2,000	6.3811	8.3013	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.15 Call	1,297	1.1813	1.9936	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	18.65 Call	150	0.5206	0.9208	0.0000	0.0000	0	0.00
Jun 2017	ZAUS	19.71 Call	3,155	0.0841	0.1649	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.00 Put	7,202	81.2956	76.2727	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	1,125	189.7556	166.6214	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	290.9118	255.8732	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	7,202	709.6402	818.0142	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	3,099	377.2402	333.4142	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	445.3031	395.9063	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	588.3435	527.8031	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	482.0775	568.3966	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	226,200	733.4541	662.1521	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	814.5949	738.4343	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	821.5156	744.9542	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	279.8807	339.0245	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1163.1976	1069.4946	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1242.8040	1145.9476	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	253.2545	308.2899	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	14.47 Put	150	1365.1624	1263.8492	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.50 Call	7,402	222.4280	272.4651	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.55 Call	1,125	214.1510	262.7940	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	14.72 Call	20,000	188.1821	232.5906	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	15.00 Call	600	150.0450	189.1668	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.00 Call	3,680	68.1747	89.8215	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.40 Call	960	46.0718	65.1881	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	16.80 Call	110	30.8608	45.5957	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.00 Call	650	25.1856	38.0748	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	17.03 Call	110	24.4258	37.0561	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	18.00 Call	3,099	8.2601	14.3313	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	11.75 Put	500	91.8223	84.0676	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	400	130.8115	118.7418	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	172.3532	155.5183	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	221.2551	196.7979	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	2,600	250.3814	223.3618	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,819	298.6009	267.5168	0.0000	0.0000	162	0.00		
Dec 2017	ZAUS	13.00 Put	2,580	436.8257	391.3552	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	493.2740	443.7386	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	611.6486	554.2710	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.40 Put	114,600	639.0992	580.0198	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.50 Call	500	724.2595	818.4996	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.91 Put	34,000	952.8227	875.9190	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	1013.8776	934.0302	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.50 Put	2,055	1379.8483	1284.2374	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.00 Call	3,580	309.3903	359.4880	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.11 Call	1,900	290.1460	338.5759	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.12 Call	40,000	288.4588	336.6786	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	174.5698	207.2530	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	34,000	101.2506	120.1792	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.17 Call	16,000	99.5140	118.1377	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.20 Call	16,000	98.2387	116.6370	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	96.5732	114.6756	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	60.1062	76.6935	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	3,867	473.9543	433.4491	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	491.9979	554.3912	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	382.9084	436.6135	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	30.4849	36.6714	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	540.7591	498.1268	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	834.7747	772.4170	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	391.3169	440.7409	0.0000	0.0000	0	0.00		
			<u>1,643,526</u>					<u>262.00</u>	<u>0.00</u>	<u>33,779,314.00</u>	<u>0.00</u>

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		Total	2,730,754				300,627.00	3,936,784,002.00	172,476,951.00	1,592,669,367,709.30
		Grand Total	3,206,846				474,999.00	6,754,771,610.40	228,989,586	2,180,612,101,336.20