



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 15-August-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Aug 2017	DAEU	Future	20,000	15.6209	15.6855	0.0000	0.0000	0	0.00		
Aug 2017	DAEU	Future	800	15.6587	15.7274	0.0000	0.0000	0	0.00		
Sep 2017	DAEU	Future	800	15.7575	15.8263	0.0000	0.0000	0	0.00		
Oct 2017	DAEU	Future	800	15.8588	15.9279	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	15.9650	16.0344	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	16.0637	16.1327	0.0000	0.0000	0	0.00		
			<u>24,000</u>					<u>0.00</u>	<u>0.00</u>	<u>190,162.00</u>	<u>2,664,383,963.30</u>
Option											
Aug 2017	DAEU	15.95 Put	20,000	336.3691	283.2385	0.0000	0.0000	0	0.00		
Jan 2018	DAEU	15.80 Put	193,111	492.7966	462.8499	0.0000	0.0000	0	0.00		
			<u>213,111</u>					<u>0.00</u>	<u>0.00</u>	<u>505,715.00</u>	<u>0.00</u>
Total			237,111					0.00	0.00	695,877.00	2,664,383,963.30
Future											
Aug 2017	DANZ	Future	0	9.6970	9.7188	0.0000	0.0000	11,300	109,573,100.00		
			<u>0</u>					<u>11,300.00</u>	<u>109,573,100.00</u>	<u>871,420.00</u>	<u>6,789,255,152.00</u>
Total			0					11,300.00	109,573,100.00	1,391,420.00	6,789,255,152.00
Future											
Aug 2017	DAUS	Future	20,000	13.3479	13.3305	0.0000	0.0000	20,000	267,246,000.00		
Aug 2017	DAUS	Future	910	13.3568	13.3393	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	202	13.3590	13.3415	0.0000	0.0000	0	0.00		
Aug 2017	DAUS	Future	8,325	13.3612	13.3436	0.0000	0.0000	310	4,159,518.00		
Sep 2017	DAUS	Future	1,289	13.4203	13.4022	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	2,530	13.4246	13.4064	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	90	13.4546	13.4363	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	334	13.4759	13.4574	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	913	13.4843	13.4659	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.5203	13.5017	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.5520	13.5331	0.0000	0.0000	0	0.00		

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Nov 2017	DAUS	Future	2,708	13.5562	13.5373	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,750	13.5878	13.5686	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.6132	13.5936	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.7145	13.6938	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.8886	13.8710	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	215	13.9922	13.9754	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.0758	14.0595	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.2671	14.2534	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.4588	14.4476	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.6898	15.6960	0.0000	0.0000	0	0.00		
			<u>126,592</u>					<u>20,310.00</u>	<u>271,405,518.00</u>	<u>6,161,270.00</u>	<u>73,442,008,902.10</u>

Option

Aug 2017	DAUS	13.05 Put	25,000	2.2225	5.8823	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.29 Put	15,000	32.3250	49.4581	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.55 Call	23,076	5.3231	12.7006	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.35 Put	34,000	72.7601	98.5140	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.40 Call	40,000	109.4305	0.0000	0.0000	0.0000	40,000	0.00
Aug 2017	DAUS	13.46 Put	20,000	199.3814	220.0986	0.0000	0.0000	0	0.00
Aug 2017	DAUS	13.50 Put	60	241.1366	261.3731	0.0000	0.0000	0	0.00
Aug 2017	DAUS	16.84 Call	60	0.1389	0.1143	0.0000	0.0000	0	0.00
Sep 2017	DAUS	12.45 Put	500	8.2920	9.1454	0.0000	0.0000	0	0.00
Sep 2017	DAUS	13.50 Put	60	336.5697	351.3603	0.0000	0.0000	0	0.00
Sep 2017	DAUS	17.13 Call	60	2.2584	2.1754	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.92 Put	1,000	144.0848	153.5711	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	396.8876	411.4852	0.0000	0.0000	0	0.00
Oct 2017	DAUS	14.10 Call	1,000	195.7915	194.3111	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	4.0702	3.7744	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	445.1760	458.8211	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	7.1285	8.6305	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	478.1933	491.9986	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	21.7895	22.7410	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	348.8691	360.9913	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	257.8868	257.5148	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	237.3699	237.3109	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	394.1771	406.8828	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	403.4152	416.2546	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	417.4976	430.5266	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	466.3181	479.9670	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	2,723	350.8938	362.9148	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	190.3336	190.9252	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1581.5706	1599.2016	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	293.4904	294.3708	0.0000	0.0000	0	0.00

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			642,526					40,000.00	0.00	13,231,415.00	0.00
		Total	769,118					60,310.00	271,405,518.00	19,392,685.00	73,442,008,902.10
Future											
	Sep 2017 EUUS	Future	1,327	1.1736	1.1803	0.0000	0.0000	0	0.00		
			1,327					0.00	0.00	610,690.00	6,835,044,886.00
		Total	1,327					0.00	0.00	610,690.00	6,835,044,886.00
Future											
	Sep 2017 ZAAD	Future	25,321	10.4711	10.5238	10.4707	10.4707	20	209,414.00		
	Dec 2017 ZAAD	Future	6,890	10.6095	10.6619	10.6176	10.6176	100	1,061,760.00		
	Jun 2018 ZAAD	Future	1,500	10.8761	10.9303	0.0000	0.0000	0	0.00		
			33,711					120.00	1,271,174.00	3,303,080.00	28,110,722,084.70
		Total	33,711					120.00	1,271,174.00	3,335,457.00	28,110,722,084.70
Future											
	Sep 2017 ZACA	Future	870	10.5097	10.5533	0.0000	0.0000	0	0.00		
	Dec 2017 ZACA	Future	1,250	10.6705	10.7138	0.0000	0.0000	0	0.00		
			2,120					0.00	0.00	97,533.00	930,430,262.10
		Total	2,120					0.00	0.00	97,533.00	930,430,262.10
Future											
	Sep 2017 ZACR	Future	10	1.9985	1.9995	0.0000	0.0000	0	0.00		
			10					0.00	0.00	109,814.00	2,503,859,606.00
		Total	10					0.00	0.00	109,814.00	2,503,859,606.00
Future											
	Sep 2017 ZAEU	Future	110,400	15.7269	15.7955	15.7867	15.7406	1,007	15,879,897.20		
	Dec 2017 ZAEU	Future	32,766	16.0317	16.1010	16.0925	16.0417	551	8,854,981.60		
	Mar 2018 ZAEU	Future	10,307	16.3420	16.4117	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	Future	1	16.6460	16.7194	0.0000	0.0000	0	0.00		
			153,474					1,558.00	24,734,878.80	12,114,848.00	169,459,038,532.10
Option											
	Sep 2017 ZAEU	15.10 Put	16,000	62.9867	55.8702	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	14.00 Put	18,000	39.1757	36.1655	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	16.39 Call	18,000	452.7693	480.9883	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.05 Put	5,648	249.9314	231.6053	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.10 Put	19,510	263.6389	244.6849	0.0000	0.0000	0	0.00		
			77,158					0.00	0.00	5,307,974.00	0.00
		Total	230,632					1,558.00	24,734,878.80	17,422,822.00	169,459,038,532.10

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Future											
Sep 2017	ZAFR	Future	2,758	13.8006	13.8198	0.0000	0.0000	0	0.00		
Dec 2017	ZAFR	Future	1,150	14.0820	14.1004	0.0000	0.0000	0	0.00		
			<u>3,908</u>					<u>0.00</u>	<u>0.00</u>	<u>586,146.00</u>	<u>6,190,990,733.40</u>
		Total	3,908					0.00	0.00	586,146.00	6,190,990,733.40
Future											
Sep 2017	ZAGB	Future	190,621	17.2492	17.3890	17.3829	17.2326	1,205	20,859,398.00		
Dec 2017	ZAGB	Future	9,504	17.5499	17.6914	17.6587	17.5779	700	12,346,930.00		
Mar 2018	ZAGB	Future	420	17.8514	17.9943	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,033	18.1430	18.2900	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,654	18.4411	18.5906	0.0000	0.0000	0	0.00		
			<u>205,232</u>					<u>1,905.00</u>	<u>33,206,328.00</u>	<u>8,593,263.00</u>	<u>142,402,320,129.80</u>
		Total	205,232					1,905.00	33,206,328.00	8,593,263.00	142,402,320,129.80
Option											
Sep 2017	ZAGB	16.70 Call	700	671.2356	780.7153	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	49.9642	66.5829	0.0000	0.0000	0	0.00		
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1,767,013.00</u>	<u>0.00</u>
		Total	206,232					1,905.00	33,206,328.00	10,360,276.00	142,402,320,129.80
Future											
Sep 2017	ZAJY	Future	91	0.1214	0.1224	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1237	0.1247	0.0000	0.0000	0	0.00		
			<u>206</u>					<u>0.00</u>	<u>0.00</u>	<u>952,489.00</u>	<u>10,613,338,748.50</u>
		Total	206					0.00	0.00	952,489.00	10,613,338,748.50
Future											
Sep 2017	ZAKS	Future	1,382	0.1285	0.1279	0.0000	0.0000	0	0.00		
Jun 2018	ZAKS	Future	1,145	0.1258	0.1267	0.0000	0.0000	0	0.00		
			<u>2,527</u>					<u>0.00</u>	<u>0.00</u>	<u>29,417.00</u>	<u>400,402,950.00</u>
		Total	2,527					0.00	0.00	29,417.00	400,402,950.00
Future											
Sep 2017	ZAUM	Future	466	13.4010	13.3830	13.4674	13.3928	90	120,880,000.00		
Dec 2017	ZAUM	Future	147	13.5942	13.5748	13.6499	13.5588	7	9,531,320.00		
Mar 2018	ZAUM	Future	6	13.7830	13.7631	13.7501	13.7501	1	1,375,010.00		
Jun 2018	ZAUM	Future	172	13.9643	13.9473	0.0000	0.0000	0	0.00		
			<u>791</u>					<u>98.00</u>	<u>131,786,330.00</u>	<u>140,138.00</u>	<u>159,957,478,430.00</u>
		Total	791					98.00	131,786,330.00	144,661.00	159,957,478,430.00
Future											
Sep 2017	ZAUS	Future	816,758	13.4010	13.3830	13.4844	13.3600	45,572	612,015,853.70		

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Dec 2017	ZAUS	Future	129,351	13.5942	13.5748	13.6499	13.5543	2,411	32,747,564.10		
Mar 2018	ZAUS	Future	87,259	13.7830	13.7631	13.8501	13.7500	400	5,519,220.00		
Jun 2018	ZAUS	Future	100,881	13.9643	13.9473	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	Future	400	14.1484	14.1331	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	2,500	14.5276	14.5173	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.8072	15.8149	0.0000	0.0000	0	0.00		
			<u>1,321,149</u>					<u>48,383.00</u>	<u>650,282,637.80</u>	<u>150,688,884.00</u>	<u>1,750,999,448,896.70</u>

Option

Sep 2017	ZAUS	12.00 Put	37,202	4.3277	4.5727	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.20 Put	1,000	7.8403	8.4363	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.25 Put	10,000	9.0793	9.8318	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	9.3493	10.1362	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	96,225	18.7287	20.7692	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	20.9924	23.3388	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	21.5977	24.0260	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	24.8837	27.7535	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	688.8247	675.3812	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	37.8247	42.3812	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	45.7687	50.9519	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	566.3083	554.8366	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	79.5844	86.9646	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	491.2432	481.2036	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	90.2432	98.2036	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	135.1957	145.2076	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	138.8783	149.0350	0.0000	0.0000	500	0.00
Sep 2017	ZAUS	13.20 Call	3,000	359.2586	352.1328	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	158.2586	169.1328	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,250	179.2616	190.8358	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.35 Put	2,600	226.1455	239.0488	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	253.0069	248.5271	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	252.0069	265.5271	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	244.4372	240.1858	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	232.0497	228.1270	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	281.0497	295.1270	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	220.2105	216.6009	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	212.6133	209.2066	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	186,712	397.6925	413.4249	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	162.7226	160.6066	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	484.7123	501.2617	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	492.2572	508.8640	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	123.8536	122.6820	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	121.6039	120.4831	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	13.90 Call	1,000	103.0560	102.3496	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	95.7279	95.1750	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	85.6899	85.3367	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	58.4108	58.6103	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	875.1808	893.4219	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	965.2336	983.6400	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	45.3405	45.7612	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1103.5143	1122.0693	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	32.5578	33.1308	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.55 Call	1,125	29.5441	30.1407	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	21.2710	21.8968	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	20.4691	21.0946	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	11.9430	12.2644	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	1.5793	1.5402	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	1.3105	1.2596	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	1.3194	1.2656	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	1.3612	1.2986	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	1.4004	1.3316	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	1.4070	1.3373	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.4563	0.4287	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	29.9097	31.2798	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	16,141	43.8942	45.4131	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	60.1018	62.1355	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	86.8447	91.7555	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	105.3064	110.9593	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	138.0737	144.9158	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	243.0003	253.6635	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	281.9967	293.3397	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	290.2124	301.6846	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	315.6814	327.5404	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	328.8826	340.9266	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	691.1593	684.0483	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	394.5198	407.3885	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	419.5541	432.6952	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	10,316	566.2645	560.5214	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	1,000	445.2713	441.7304	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	785.4312	802.0714	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	1,000	276.3015	274.8953	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1161.1757	1179.5332	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	230.6881	230.0652	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	173.2249	172.9913	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	158.5312	158.4624	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>		
Dec 2017	ZAUS	15.12 Call	40,000	157.2633	157.2085	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	15.50 Call	25,457	116.2897	116.6359	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	16.00 Call	117,200	79.1901	79.7961	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	18,000	36.1704	38.6382	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	33.7359	36.3143	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	17.6721	18.9122	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.00 Put	225,000	86.9435	91.6602	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	155.3014	160.4820	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	36,000	178.6096	184.3643	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	88,187	330.6947	339.5353	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	434.2984	446.1355	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	496.1024	508.7625	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	505.9970	518.7823	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	791.7207	807.4623	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	967.1869	984.0583	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	380.8819	380.2871	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	342.5413	342.3700	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	315.8394	315.3065	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	282.1605	282.1628	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	40,000	275.9064	276.0044	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	240.1028	240.7480	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	209.3959	210.4823	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	192.0798	193.3980	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	20.2313	21.8858	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	379.7545	386.7164	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	394.4007	401.5973	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	413.1824	420.6769	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	687.5112	698.5113	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	720.2052	731.5489	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	522.4879	522.2015	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	515.8103	515.5933	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	302.3463	304.0555	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	27.2712	29.5803	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	391.5520	395.9418	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	492.3039	493.5058	0.0000	0.0000	0	0.00		
			<u>2,324,456</u>					<u>500.00</u>	<u>0.00</u>	<u>36,867,329.00</u>	<u>0.00</u>
	Total		3,645,605					48,883.00	650,282,637.80	187,556,213.00	1,750,999,448,896.70

<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>
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Grand Total

5,133,298

124,174.00

1,222,259,966.60

250,327,657

2,397,920,995,395.70