



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 01-February-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Feb 2018	DAAD	Future	46	9.5570	9.6432	0.0000	0.0000	0	0.00
Mar 2018	DAAD	Future	4	9.5781	9.6644	0.0000	0.0000	0	0.00
			<u>50</u>					<u>0.00</u>	<u>0.00</u>
		Total	50					0.00	0.00
									77 074.00
									730 365 560.80
Future									
Feb 2018	DAEU	Future	44	14.8285	14.8100	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	337	14.8694	14.8507	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	14.9180	14.8993	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	14.9641	14.9450	0.0000	0.0000	3	44,877.00
			<u>447</u>					<u>3.00</u>	<u>44,877.00</u>
									788 909.00
									11 775 764 534.40
Option									
Feb 2018	DAEU	16.41 Put	1,647	1548.5805	1567.7140	0.0000	0.0000	0	0.00
			<u>1,647</u>					<u>0.00</u>	<u>0.00</u>
		Total	2,094					3.00	44,877.00
									1 735 696.00
									11 775 764 534.40
Future									
Mar 2018	DAGB	Future	17	16.9656	16.8947	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	17.0111	16.9397	0.0000	0.0000	0	0.00
Apr 2018	DAGB	Future	6	17.1580	17.0852	0.0000	0.0000	6	102,807.00
			<u>61</u>					<u>6.00</u>	<u>102,807.00</u>
		Total	61					6.00	102,807.00
									53 652.00
									880 230 665.10
Future									
Feb 2018	DAUS	Future	0	11.8900	11.8584	0.0000	0.0000	3,014	35,836,460.00
Feb 2018	DAUS	Future	1,346	11.8974	11.8695	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	11.9047	11.8766	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	19	11.9083	11.8801	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	5,686	11.9317	11.9031	0.0000	0.0000	0	0.00
Mar 2018	DAUS	Future	5,377	11.9584	11.9296	0.0000	0.0000	15	179,212.50

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Mar 2018	DAUS	Future	1,199	11.9833	11.9544	0.0000	0.0000	99	1,185,525.00
Apr 2018	DAUS	Future	70	12.0284	11.9994	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	117	12.0387	12.0098	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.0575	12.0284	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.0913	12.0623	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	445	12.1405	12.1114	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.1456	12.1164	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.1761	12.1469	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,000	12.1829	12.1537	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.1846	12.1554	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,853	12.1947	12.1655	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.2164	12.1869	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,336	12.2458	12.2163	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	12.2917	12.2622	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.3359	12.3063	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.3425	12.3129	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.3667	12.3373	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	12.5146	12.4873	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	13.4657	13.4389	0.0000	0.0000	0	0.00
			<u>106,539</u>					<u>3,128.00</u>	<u>37,201,197.50</u>
									<u>7 566 943.00</u>
									<u>92 067 972 377.00</u>

Option

Feb 2018	DAUS	13.20 Put	35,000	1308.1226	1336.1521	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	1908.1169	1936.1192	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.16 Put	1,880	1264.4969	1292.6297	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	1964.4220	1992.4259	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	0.1589	0.2007	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.75 Put	30,000	43.1753	55.8222	0.0000	0.0000	508	0.00
Feb 2018	DAUS	12.05 Call	20,000	45.1400	44.1070	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	1847.1688	1875.2552	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1997.1434	2025.2327	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.68 Put	100	41.0359	52.8066	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	1,260	97.7936	119.1232	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.91 Call	1,260	117.6552	113.2666	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.10 Call	100	53.1715	52.9140	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	2289.9207	2318.1293	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.65 Put	100	69.1502	81.0538	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	340	151.3841	169.0953	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.96 Call	340	176.1372	168.4287	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.50 Call	3,450	46.4210	45.1633	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	1.3024	1.3774	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	2248.8896	2277.4990	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	1469.5469	1498.0213	0.0000	0.0000	0	0.00

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Mar 2018	DAUS	12.00 Call	50,000	242.0714	233.2409	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2975.9347	3004.5629	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	1.8063	1.5548	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	176.2683	187.3025	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	315.4385	304.0432	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1798.4341	1825.8203	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	4.9461	4.5445	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	2.5654	2.2592	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	847.4758	870.4756	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1848.8057	1875.8442	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	3.1653	2.9704	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	856.4776	879.2578	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2460.3129	2488.0979	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	2.7434	2.5652	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	76,000	336.4933	351.6915	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1777.4058	1803.4602	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	7.5957	6.3936	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	3.3700	2.7468	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1760.4191	1785.4515	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	17.0873	17.0674	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	9.5456	9.5580	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	411.3233	425.7962	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	129.7253	124.6071	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	115.6341	111.0339	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	2101.6532	2126.8917	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2344.2546	2370.1350	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	29.8863	28.9382	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	24.8016	23.5587	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1743.2632	1767.0025	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	32.1942	30.9179	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	19.2993	18.2255	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	576.2620	592.4669	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1793.4246	1817.4155	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	26.0089	24.2236	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1732.1164	1754.2736	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	44.7019	41.3533	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	27.8251	25.5213	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1722.6770	1743.6698	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	53.4957	49.6853	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	33.8485	31.1821	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1712.2460	1731.0689	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	62.7350	57.8210	0.0000	0.0000	0	0.00

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Oct 2018	DAUS	17.02 Call	500	41.2521	37.6814	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	11.90 Put	1,880	381.6958	391.9485	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	13.86 Put	1,880	1760.7549	1779.7352	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	16.81 Call	1,880	50.7486	46.5348	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	13.80 Put	1,000	1703.7545	1720.9352	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	16.70 Call	500	68.0864	63.4374	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	17.31 Call	500	43.9922	40.6622	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.65 Put	20,000	1577.7701	1594.5417	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	15.69 Call	20,000	127.3164	119.4958	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.80 Put	1,000	1694.6395	1710.1234	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	16.93 Call	500	74.5170	67.5362	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	17.58 Call	500	48.1701	43.1142	0.0000	0.0000	0	0.00	
			<u>550,996</u>					<u>508.00</u>	<u>0.00</u>	<u>16 804 819.00</u>
		Total	657,535					3,636.00	37,201,197.50	24 371 762.00
										92 067 972 377.00
Future										
Mar 2018	EUUS	Future	130	1.2479	1.2493	0.0000	0.0000	0	0.00	
			<u>130</u>					<u>0.00</u>	<u>0.00</u>	<u>684 095.00</u>
		Total	130					0.00	0.00	7 724 583 729.00
										684 095.00
Option										
Jun 2018	JYZA	8.89 Put	1,200	3252.6307	3384.7369	0.0000	0.0000	0	0.00	
			<u>1,200</u>					<u>0.00</u>	<u>0.00</u>	<u>2 400.00</u>
		Total	1,200					0.00	0.00	0.00
										2 400.00
Future										
Mar 2018	ZAAD	Future	10,998	9.5837	9.6701	0.0000	0.0000	300	2,886,875.00	
Jun 2018	ZAAD	Future	5,784	9.7100	9.7974	0.0000	0.0000	0	0.00	
Sep 2018	ZAAD	Future	400	9.8363	9.9245	0.0000	0.0000	0	0.00	
Dec 2018	ZAAD	Future	10,812	9.9568	10.0461	0.0000	0.0000	0	0.00	
			<u>27,994</u>					<u>300.00</u>	<u>2,886,875.00</u>	<u>3 530 604.00</u>
		Total	27,994					300.00	2,886,875.00	30 516 624 012.60
										3 562 981.00
Future										
Mar 2018	ZACA	Future	1,050	9.7311	9.7252	9.7258	9.7258	300	2,917,740.00	
Jun 2018	ZACA	Future	300	9.8685	9.8621	9.8623	9.8623	400	3,944,920.00	
			<u>1,350</u>					<u>700.00</u>	<u>6,862,660.00</u>	<u>126 303.00</u>
		Total	1,350					700.00	6,862,660.00	1 243 300 322.10
										1 243 300 322.10
Future										
Mar 2018	ZAEU	Future	112,620	14.9312	14.9124	14.9905	14.9410	13,697	205,101,880.80	

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Jun 2018	ZAEU	Future	13,400	15.2220	15.2023	15.2393	15.2393	320	4,878,123.00	
Sep 2018	ZAEU	Future	35,175	15.5183	15.4977	0.0000	0.0000	0	0.00	
Dec 2018	ZAEU	Future	2,962	15.8088	15.7898	0.0000	0.0000	0	0.00	
Mar 2019	ZAEU	Future	1,088	16.1060	16.0858	0.0000	0.0000	0	0.00	
			<u>165,245</u>					<u>14,017.00</u>	<u>209,980,003.80</u>	<u>13 736 551.00</u> <u>195 102 525 845.40</u>
Option										
Mar 2018	ZAEU	15.05 Put	5,648	368.8122	384.0733	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.10 Put	14,172	400.9428	416.5940	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.50 Call	643	21.5241	22.7486	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	17.00 Call	620	10.6240	11.2107	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	28.7935	30.5296	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	7,000	55.1877	58.3242	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	521.9353	535.3563	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	7,000	1405.8459	1423.7450	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	7,000	31.9902	32.1230	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	9.7803	9.6067	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	124,767	146.3180	151.8755	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	124,767	879.7894	893.1725	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.00 Put	21,525	982.7894	996.5560	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	124,767	70.9910	67.5328	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	21.63 Call	21,525	17.1494	15.7277	0.0000	0.0000	0	0.00	
			<u>612,419</u>					<u>0.00</u>	<u>0.00</u>	<u>7 266 415.00</u> <u>0.00</u>
		Total	777,664					14,017.00	209,980,003.80	21 002 966.00 195 102 525 845.40
Future										
Mar 2018	ZAFR	Future	1,215	12.8982	12.8597	0.0000	0.0000	0	0.00	
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>605 550.00</u> <u>6 459 053 543.50</u>
		Total	1,215					0.00	0.00	605 550.00 6 459 053 543.50
Future										
Mar 2018	ZAGB	Future	195,068	17.0242	16.9527	17.1248	17.0580	3,831	65,426,333.80	
Jun 2018	ZAGB	Future	8,457	17.3096	17.2359	0.0000	0.0000	0	0.00	
Sep 2018	ZAGB	Future	4,914	17.5922	17.5170	0.0000	0.0000	0	0.00	
Dec 2018	ZAGB	Future	895	17.8632	17.7896	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	948	18.1612	18.0881	0.0000	0.0000	0	0.00	
			<u>210,282</u>					<u>3,831.00</u>	<u>65,426,333.80</u>	<u>9 834 782.00</u> <u>164 614 836 069.40</u>
Option										
Mar 2018	ZAGB	17.00 Put	500	374.0327	417.2506	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	19.00 Call	1,500	30.7329	28.5715	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	20.14 Call	500	7.1461	6.8514	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	17.50 Put	500	786.0380	830.1098	0.0000	0.0000	0	0.00	

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Jun 2018	ZAGB	20.40 Call	500	86.6777	80.9463	0.0000	0.0000	0	0.00	
			3,500					0.00	0.00	1 774 113.00
		Total	213,782					3,831.00	65,426,333.80	11 608 895.00 164 614 836 069.40
Future										
Mar 2018	ZAJY	Future	3,805	0.1096	0.1099	0.0000	0.0000	0	0.00	
			3,805					0.00	0.00	957 150.00 10 665 691 369.80
		Total	3,805					0.00	0.00	957 150.00 10 665 691 369.80
Future										
Jun 2018	ZAKS	Future	1,145	0.1160	0.1155	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1153	0.1147	0.0000	0.0000	0	0.00	
			1,707					0.00	0.00	31 923.00 432 652 210.00
		Total	1,707					0.00	0.00	31 923.00 432 652 210.00
Future										
Mar 2018	ZATR	Future	433	3.1568	3.1395	0.0000	0.0000	0	0.00	
Jun 2018	ZATR	Future	2,950	3.1129	3.0977	0.0000	0.0000	0	0.00	
			3,383					0.00	0.00	241 139.00 869 698 208.00
		Total	3,383					0.00	0.00	241 139.00 869 698 208.00
Future										
Mar 2018	ZAUM	Future	515	11.9655	11.9367	11.9923	11.9921	97	115,894,510.00	
Jun 2018	ZAUM	Future	69	12.1219	12.0927	0.0000	0.0000	0	0.00	
Sep 2018	ZAUM	Future	48	12.2737	12.2442	0.0000	0.0000	0	0.00	
Dec 2018	ZAUM	Future	3	12.4163	12.3877	0.0000	0.0000	0	0.00	
			635					97.00	115,894,510.00	147 078.00 169 222 377 160.00
		Total	635					97.00	115,894,510.00	151 601.00 169 222 377 160.00
Future										
Mar 2018	ZAUS	Future	766,696	11.9655	11.9367	12.0233	11.9498	82,682	994,876,366.20	
Jun 2018	ZAUS	Future	181,123	12.1219	12.0927	0.0000	0.0000	2,164	26,293,873.40	
Sep 2018	ZAUS	Future	6,555	12.2737	12.2442	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	Future	11,500	12.4163	12.3877	0.0000	0.0000	0	0.00	
			965,874					84,846.00	1,021,170,239.60	165 372 800.00 1 948 192 727 661.00
Option										
Mar 2018	ZAUS	11.50 Put	32,520	62.1311	71.8845	0.0000	0.0000	2,000	0.00	
Mar 2018	ZAUS	11.60 Put	750	88.9798	100.9374	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	11.85 Put	25,000	185.9204	203.2211	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	11.98 Put	25,000	253.9831	273.7018	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.00 Put	227,000	265.7557	285.8147	0.0000	0.0000	957	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	12.13 Put	5,460	348.2307	370.2627	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.20 Put	32,520	396.5671	419.4987	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.25 Put	3,750	432.6070	456.1166	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	515.8886	540.4910	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	547.4036	572.3496	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.47 Call	750	99.4633	96.1450	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	25,380	628.7117	654.4002	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.55 Call	2,000	86.0786	0.0000	0.0000	0.0000	2,000	0.00
Mar 2018	ZAUS	12.70 Call	11,000	64.6211	62.6784	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Put	2,000	799.1211	825.9784	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	905.8622	933.2250	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	1015.3531	1043.0977	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.95 Call	13,200	40.0829	39.0550	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Call	21,000	36.4525	35.5503	0.0000	0.0000	957	0.00
Mar 2018	ZAUS	13.00 Put	95,146	1070.9525	1098.8503	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Call	1,000	24.5945	24.0748	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Put	1,073	1259.0945	1287.3748	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.21 Put	5,460	1268.5544	1296.8502	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	1278.0257	1306.3365	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	1306.5055	1334.8591	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	1373.3141	1401.7554	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.35 Call	2,000	17.5869	17.2607	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	1430.9364	1459.4406	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	1450.2100	1478.7327	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	35,000	12.5200	12.3213	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	1547.0200	1575.6213	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	98,694	1644.4626	1673.1224	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	8.6810	8.5681	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	7.9177	7.8208	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	1781.7206	1810.4373	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	6.8950	6.8179	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	6.4337	6.3651	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	1880.2315	1908.9755	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	1949.3740	1978.1325	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	4.6533	4.6154	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	1969.1533	1997.9154	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1988.9424	2017.7078	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	2018.6440	2047.4138	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	3.9562	3.9288	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	3.7768	3.7519	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	2088.0229	2116.8015	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	3.3631	3.3440	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	14.12 Call	4,951	2.9948	2.9802	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	2197.2294	2226.0179	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	2217.1056	2245.8956	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	2.4875	2.4787	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	2256.8748	2285.6672	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	1.7280	1.7241	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	1.7200	1.7156	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	1.7161	1.7114	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	2526.2013	2554.9955	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	1.6978	1.6917	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	2536.1978	2564.9917	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	2556.1911	2584.9843	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	1.6845	1.6773	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	1.6753	1.6673	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	1.6667	1.6579	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	1.6320	1.6193	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	1.6144	1.5990	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	1.6095	1.5931	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	1.6084	1.5917	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	1.6004	1.5815	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	1.5951	1.5736	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	1.5952	1.5702	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	1.6068	1.5770	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	1.6105	1.5798	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	1.5517	1.5213	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	1.2060	1.1837	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	0.6195	0.6099	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	0.4356	0.4297	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	41.3379	43.3026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	146.8854	154.1673	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	20,000	360.5915	374.7722	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	427.5967	443.3491	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Call	8,000	421.3970	408.1563	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	445.5059	461.5650	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	507.5692	524.6251	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	539.9136	557.4452	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	607.0666	625.5005	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	677.2946	696.5663	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	864.5072	885.5983	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	1032.1939	1054.4775	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	28,358	1065.1162	1087.6039	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	1106.6686	1129.4041	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>
Jun 2018	ZAUS	13.17 Put	965	1208.0888	1231.3695	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1233.7921	1257.2011	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	1251.0014	1274.4940	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	1320.3923	1344.2072	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1459.9289	1484.3533	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1477.5998	1502.0946	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1495.3182	1519.8822	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1620.5989	1645.6207	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1720.4383	1745.7830	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1766.1888	1791.6701	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1775.3633	1800.8728	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1793.7408	1819.3030	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1802.9421	1828.5302	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1858.3188	1884.0597	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	5,630	1951.2195	1977.1979	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	2044.8135	2071.0118	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2186.3543	2212.8475	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	44.8743	42.5774	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	35.1100	32.8183	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	30.5407	28.2829	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	23.2894	21.1477	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	19.8335	17.7834	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	18.9752	16.9517	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	16.8457	14.8995	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	14.9344	13.0701	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	12.2431	10.5193	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	10.9836	9.3383	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	10.4813	8.8695	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	6.9533	5.6577	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	3.9225	3.1210	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	2.7657	2.1706	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	2.6357	2.0646	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	2.3167	1.8055	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	2.2068	1.7166	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	1.7854	1.3772	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	1.1419	0.8654	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.9986	0.7528	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.6996	0.5200	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	0.6207	0.4591	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.5226	0.3840	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	293.4696	302.8618	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	781.9316	798.6066	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 2018	ZAUS	12.65 Put	1,550	809.6801	826.5970	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.85 Put	750	953.7448	971.7997	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.25 Put	73,314	1264.9924	1284.7290	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.65 Call	1,464	221.2553	212.9443	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	15.97 Call	5,300	59.1818	55.1072	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.04 Call	1,550	55.8074	51.9119	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.14 Call	750	51.2938	47.6429	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.29 Call	73,314	45.1522	41.8449	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	12.96 Put	23,443	1040.5909	1054.8773	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	14.89 Call	1,000	176.7771	167.9863	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	15.95 Call	2,000	119.0785	111.3206	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	17.24 Call	23,443	52.1793	47.8555	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	138.6660	131.8923	0.0000	0.0000	0	0.00	
			<u>2,433,304</u>					<u>5,914.00</u>	<u>0.00</u>	<u>44 498 457.00</u>
		Total	<u>3,399,178</u>					<u>90,760.00</u>	<u>1,021,170,239.60</u>	<u>209 871 257.00</u>
										<u>1 948 192 727 661.00</u>

Grand Total	<u>5,091,783</u>							<u>113,350.00</u>	<u>1 459 569 503.70</u>	<u>283,750,375</u>	<u>2,684,665,615,279.37</u>
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