



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 12-September-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Sep 2017	DAEU	Future	800	15.6227	15.5474	0.0000	0.0000	0	0.00		
Oct 2017	DAEU	Future	800	15.7208	15.6457	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	15.8238	15.7484	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	15.9192	15.8436	0.0000	0.0000	0	0.00		
			<u>3,200</u>					<u>0.00</u>	<u>0.00</u>	<u>210 962.00</u>	<u>2 985 242 523.30</u>
Option											
Jan 2018	DAEU	15.80 Put	193,000	462.9303	496.8660	0.0000	0.0000	0	0.00		
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>	<u>506 044.00</u>	<u>0.00</u>
Total			196,200					0.00	0.00	717 006.00	2 985 242 523.30
Future											
Oct 2017	DAGB	Future	43	17.4439	17.2124	0.0000	0.0000	0	0.00		
			<u>43</u>					<u>0.00</u>	<u>0.00</u>	<u>53 384.00</u>	<u>875 373 726.50</u>
Total			43					0.00	0.00	244 497.00	875 373 726.50
Future											
Sep 2017	DAUS	Future	75	13.0524	12.9633	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,239	13.0544	12.9654	0.0000	0.0000	0	0.00		
Sep 2017	DAUS	Future	1,801	13.0585	12.9695	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	90	13.0868	12.9981	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	834	13.1070	13.0183	0.0000	0.0000	0	0.00		
Oct 2017	DAUS	Future	913	13.1151	13.0263	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	13.1494	13.0606	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	13.1793	13.0902	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	13.1832	13.0941	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,750	13.2131	13.1237	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	13.2370	13.1476	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	13.3327	13.2430	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	13.5041	13.4138	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	605	13.6055	13.5150	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jul 2018	DAUS	Future	1,800	13.6402	13.5499	0.0000	0.0000	0	0.00	
Aug 2018	DAUS	Future	70	13.6864	13.5964	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	Future	70	13.8704	13.7799	0.0000	0.0000	0	0.00	
Feb 2019	DAUS	Future	70	14.0579	13.9660	0.0000	0.0000	0	0.00	
Jul 2020	DAUS	Future	84,000	15.2503	15.1635	0.0000	0.0000	0	0.00	
			<u>99,141</u>					<u>0.00</u>	<u>0.00</u>	
									<u>6 315 783.00</u>	
									<u>75 468 539 222.80</u>	
Option										
Sep 2017	DAUS	12.75 Put	20,000	27.1101	48.1146	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	13.50 Put	60	471.1700	555.7393	0.0000	0.0000	0	0.00	
Sep 2017	DAUS	17.13 Call	60	0.0000	0.0608	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	12.68 Put	15,000	39.2741	58.3343	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	13.40 Call	15,000	75.8484	60.9472	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	14.00 Call	500	44.1020	37.7058	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	12.92 Put	1,000	161.8172	199.9674	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	13.50 Put	60	515.9776	585.2333	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	14.10 Call	1,000	44.9947	38.7463	0.0000	0.0000	0	0.00	
Oct 2017	DAUS	17.45 Call	60	0.7521	0.5018	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	13.50 Put	60	557.1764	617.7805	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	17.74 Call	60	0.8796	0.5955	0.0000	0.0000	0	0.00	
Nov 2017	DAUS	12.75 Put	112,000	160.3788	187.5597	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	13.50 Put	60	591.1232	647.1640	0.0000	0.0000	0	0.00	
Dec 2017	DAUS	18.02 Call	60	1.0781	0.8361	0.0000	0.0000	0	0.00	
Jan 2018	DAUS	13.20 Put	2,000	430.8275	473.6745	0.0000	0.0000	0	0.00	
Jan 2018	DAUS	14.76 Call	1,000	123.9930	111.0389	0.0000	0.0000	0	0.00	
Jan 2018	DAUS	14.88 Call	1,000	111.3893	99.7744	0.0000	0.0000	0	0.00	
Jan 2018	DAUS	13.25 Put	107,000	490.8305	533.2130	0.0000	0.0000	0	0.00	
Jan 2018	DAUS	13.27 Put	154,000	501.9781	545.2505	0.0000	0.0000	0	0.00	
Jan 2018	DAUS	13.30 Put	40,904	518.9349	563.5338	0.0000	0.0000	0	0.00	
Jan 2018	DAUS	13.40 Put	168,000	578.9638	626.4160	0.0000	0.0000	0	0.00	
Feb 2018	DAUS	13.15 Put	2,723	438.5513	477.2467	0.0000	0.0000	0	0.00	
Feb 2018	DAUS	15.52 Call	2,723	95.0866	85.9838	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.00 Put	1,000	1821.0781	1891.1656	0.0000	0.0000	0	0.00	
Apr 2018	DAUS	15.81 Call	2,000	187.6155	174.6094	0.0000	0.0000	0	0.00	
			<u>647,330</u>					<u>0.00</u>	<u>0.00</u>	
		Total	746,471					0.00	0.00	
									<u>13 614 114.00</u>	
									<u>75 468 539 222.80</u>	
Future										
Sep 2017	EUUS	Future	5,150	1.1962	1.1986	0.0000	0.0000	0	0.00	
			<u>5,150</u>					<u>0.00</u>	<u>0.00</u>	
		Total	5,150					0.00	0.00	
									<u>633 028.00</u>	
									<u>7 101 570 792.00</u>	

<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	ZAAD	Future	23,727	10.4700	10.4023	10.4035	10.3981	540	5,616,934.00		
Dec 2017	ZAAD	Future	7,429	10.6050	10.5374	10.6069	10.5460	410	4,325,453.00		
Jun 2018	ZAAD	Future	1,500	10.8690	10.7991	0.0000	0.0000	0	0.00		
			<u>32,656</u>					<u>950.00</u>	<u>9,942,387.00</u>	<u>3 319 981.00</u>	<u>28 286 024 442.10</u>
	Total		32,656					950.00	9,942,387.00	3 352 358.00	28 286 024 442.10
Future											
Sep 2017	ZACA	Future	1,200	10.7329	10.6684	0.0000	0.0000	0	0.00		
Dec 2017	ZACA	Future	500	10.8871	10.8223	0.0000	0.0000	0	0.00		
			<u>1,700</u>					<u>0.00</u>	<u>0.00</u>	<u>99 103.00</u>	<u>947 090 222.10</u>
	Total		1,700					0.00	0.00	99 103.00	947 090 222.10
Future											
Sep 2017	ZACR	Future	10	1.9921	1.9811	0.0000	0.0000	0	0.00		
			<u>10</u>					<u>0.00</u>	<u>0.00</u>	<u>109 814.00</u>	<u>2 503 859 606.00</u>
	Total		10					0.00	0.00	109 814.00	2 503 859 606.00
Future											
Sep 2017	ZAEU	Future	89,432	15.5934	15.5182	15.5667	15.5060	11,118	172,567,640.00		
Dec 2017	ZAEU	Future	31,577	15.8886	15.8131	15.8999	15.8069	287	4,545,736.70		
Mar 2018	ZAEU	Future	10,307	16.1910	16.1143	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	1	16.4927	16.4148	0.0000	0.0000	0	0.00		
			<u>131,317</u>					<u>11,405.00</u>	<u>177,113,376.70</u>	<u>12 219 425.00</u>	<u>171 085 437 367.60</u>
	Total							11,405.00	177,113,376.70	12 219 425.00	171 085 437 367.60
Option											
Sep 2017	ZAEU	15.10 Put	16,000	6.5560	10.7723	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	14.00 Put	18,000	13.0759	14.5910	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	286.1909	263.4055	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	222.1725	239.4831	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	235.8644	253.9335	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	590.3189	558.7620	0.0000	0.0000	0	0.00		
			<u>77,801</u>					<u>0.00</u>	<u>0.00</u>	<u>5 309 260.00</u>	<u>0.00</u>
	Total		209,118					11,405.00	177,113,376.70	17 528 685.00	171 085 437 367.60
Future											
Sep 2017	ZAFR	Future	3,658	13.5908	13.6059	0.0000	0.0000	0	0.00		
Dec 2017	ZAFR	Future	1,150	13.8628	13.8794	0.0000	0.0000	0	0.00		
			<u>4,808</u>					<u>0.00</u>	<u>0.00</u>	<u>589 246.00</u>	<u>6 233 687 153.40</u>
	Total		4,808					0.00	0.00	589 246.00	6 233 687 153.40
Future											
Sep 2017	ZAGB	Future	192,417	17.3040	17.0731	17.2993	17.1754	875	15,117,797.20		

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Dec 2017	ZAGB	Future	6,185	17.5958	17.3638	17.5090	17.4714	5	87,515.50		
Mar 2018	ZAGB	Future	420	17.8880	17.6560	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,383	18.1753	17.9431	0.0000	0.0000	350	6,281,800.00		
Sep 2018	ZAGB	Future	1,654	18.4599	18.2299	0.0000	0.0000	0	0.00		
			<u>204,059</u>					<u>1,230.00</u>	<u>21,487,112.70</u>	<u>8 630 973.00</u>	<u>143 044 207 358.20</u>
Option											
Sep 2017	ZAGB	16.70 Call	700	613.9031	401.1905	0.0000	0.0000	0	0.00		
Sep 2017	ZAGB	18.50 Call	300	1.4963	1.0292	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			205,059					1,230.00	21,487,112.70	10 397 986.00	143 044 207 358.20
Future											
Sep 2017	ZAJY	Future	84	0.1186	0.1189	0.0000	0.0000	0	0.00		
Dec 2017	ZAJY	Future	115	0.1208	0.1211	0.0000	0.0000	0	0.00		
			<u>199</u>					<u>0.00</u>	<u>0.00</u>	<u>952 496.00</u>	<u>10 613 422 776.50</u>
Total			199					0.00	0.00	952 496.00	10 613 422 776.50
Future											
Jun 2018	ZAKS	Future	1,145	0.1255	0.1241	0.0000	0.0000	0	0.00		
			<u>1,145</u>					<u>0.00</u>	<u>0.00</u>	<u>30 799.00</u>	<u>417 691 770.00</u>
Total			1,145					0.00	0.00	30 799.00	417 691 770.00
Future											
Sep 2017	ZAUM	Future	247	13.0359	12.9469	13.0400	12.9441	17	22,085,000.00		
Dec 2017	ZAUM	Future	568	13.2190	13.1297	13.1707	13.0837	11	14,443,690.00		
Mar 2018	ZAUM	Future	7	13.4003	13.3104	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	172	13.5785	13.4878	0.0000	0.0000	0	0.00		
			<u>994</u>					<u>28.00</u>	<u>36,528,690.00</u>	<u>142 254.00</u>	<u>162 731 371 300.00</u>
Total			994					28.00	36,528,690.00	146 777.00	162 731 371 300.00
Future											
Sep 2017	ZAUS	Future	797,584	13.0359	12.9469	13.0508	12.8941	36,321	471,536,016.80		
Dec 2017	ZAUS	Future	197,432	13.2190	13.1297	13.2400	13.0800	56,878	748,736,360.90		
Mar 2018	ZAUS	Future	123,037	13.4003	13.3104	0.0000	0.0000	21,800	291,012,600.00		
Jun 2018	ZAUS	Future	102,600	13.5785	13.4878	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	Future	400	13.7543	13.6646	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	15.3649	15.2792	0.0000	0.0000	0	0.00		
			<u>1,405,053</u>					<u>114,999.00</u>	<u>1,511,284,977.70</u>	<u>152 171 453.00</u>	<u>1 770 487 186 135.30</u>
Option											
Sep 2017	ZAUS	12.00 Put	37,202	0.0893	0.1836	0.0000	0.0000	0	0.00		
Sep 2017	ZAUS	12.20 Put	1,000	0.3098	0.7300	0.0000	0.0000	0	0.00		

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Sep 2017	ZAUS	12.25 Put	10,000	0.4272	1.0317	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.26 Put	5,250	0.4557	1.1056	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.50 Put	91,184	2.2863	5.3636	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.54 Put	1,000	3.0188	6.9594	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.55 Put	4,920	3.2361	7.4267	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.60 Put	190	4.5806	10.2657	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Call	3,500	298.7705	223.4402	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.75 Put	26,250	12.8705	26.5402	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.80 Put	3,000	18.0316	36.0018	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.85 Call	350	211.0089	145.3184	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.90 Call	400	170.5871	111.3408	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	12.96 Put	1,000	50.4378	90.4384	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Call	4,551	99.9992	62.0879	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.00 Put	38,100	64.0992	115.1879	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.07 Call	30,000	63.5880	41.6262	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.14 Put	90	146.3800	220.6118	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.15 Put	500	153.9496	229.0096	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Call	3,000	29.5850	19.1550	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.20 Put	5,920	193.6850	272.2550	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.25 Put	25,000	236.0366	317.2299	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Call	100	9.0486	5.6766	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.40 Put	3,500	373.1486	458.7766	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.42 Call	1,000	8.0636	5.0330	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Call	4,375	6.7946	4.2059	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.45 Put	3,500	420.8946	507.3059	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.48 Call	111	5.7377	3.5191	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.50 Call	5,980	5.1327	3.1272	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.63 Put	143,712	596.6562	684.6127	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.65 Call	1,000	2.3064	1.3742	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.75 Put	20,000	715.4653	803.9675	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.76 Put	960	725.3938	813.9300	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.80 Call	10,000	1.0456	0.6978	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.81 Call	4,920	0.9919	0.6687	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.90 Call	1,000	0.6243	0.4625	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	13.94 Call	1,250	0.5114	0.3957	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.00 Call	3,000	0.3821	0.3161	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.20 Call	90	0.1543	0.1607	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.22 Put	110	1184.2417	1273.2510	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.32 Put	110	1284.1939	1373.2109	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.33 Call	3,000	0.0902	0.1076	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.47 Put	150	1434.1638	1523.1721	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.50 Call	17,402	0.0600	0.0665	0.0000	0.0000	0	0.00

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Sep 2017	ZAUS	14.55 Call	1,084	0.0544	0.0584	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.72 Call	20,000	0.0404	0.0389	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	14.74 Call	4,375	0.0392	0.0372	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	15.00 Call	10,600	0.0276	0.0221	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.00 Call	3,680	0.0604	0.0589	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.40 Call	960	0.1725	0.1691	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.50 Call	10,000	0.2138	0.2098	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	16.80 Call	110	0.3751	0.3696	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.00 Call	150	0.4264	0.2790	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	17.03 Call	110	0.3970	0.2590	0.0000	0.0000	0	0.00
Sep 2017	ZAUS	18.00 Call	3,099	0.0349	0.0207	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	11.75 Put	1,000	18.8140	20.1631	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	20,141	32.2014	37.3815	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.16 Put	550	50.2133	58.2496	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.20 Put	4,000	55.7369	0.0000	0.0000	0.0000	4,000	0.00
Dec 2017	ZAUS	12.21 Put	18,000	57.1869	66.2919	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	90.4920	104.4258	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	11,916	112.8305	129.7768	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	154.9411	177.9128	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.75 Put	2,600	188.7259	215.4743	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	192.3386	219.4746	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	291.9281	328.6106	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	340.6665	381.3691	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	350.9152	392.4161	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	382.6452	427.3048	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	4,020	412.5458	369.2129	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	399.3249	445.6752	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	391.8380	350.4032	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	484.3177	535.8525	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Call	4,000	335.4400	299.4355	0.0000	0.0000	4,000	0.00
Dec 2017	ZAUS	13.40 Put	114,600	516.4400	569.7355	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	302.2940	269.6492	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	272.3966	242.8933	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Call	5,000	221.2913	197.3901	0.0000	0.0000	4,000	0.00
Dec 2017	ZAUS	14.00 Put	33,000	960.8284	1030.5491	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	119.7042	106.8192	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	1389.3993	1466.6800	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	94.4586	83.9282	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	64.2624	57.0365	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	57.4429	50.9772	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	56.8626	50.4623	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	38.9904	34.6077	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	16.00 Call	117,200	22.5064	19.5210	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.13 Call	18,000	3.7853	3.3891	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	17.24 Call	33,000	3.1512	2.8233	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	18.06 Call	2,055	0.7616	0.6834	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.00 Put	225,000	105.0727	112.8824	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.40 Put	2,500	193.7918	210.2129	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.50 Put	26,000	222.7081	241.2374	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.00 Put	113,187	415.8696	448.7867	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.25 Put	5,600	542.9027	581.8908	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.38 Put	2,500	615.7565	658.5337	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.40 Put	2,500	627.3590	670.7805	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.50 Call	100	588.0041	543.9124	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	13.91 Put	7,000	959.6704	1014.4992	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.00 Call	767	424.4306	391.3795	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.18 Put	41,000	1158.1071	1218.5719	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	14.91 Call	8,395	239.9167	220.0319	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.00 Call	3,100	226.3228	0.0000	0.0000	0.0000	3,100	0.00		
Mar 2018	ZAUS	15.11 Call	2,500	210.8328	193.3409	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.26 Call	2,500	191.5482	175.6754	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.46 Call	3,867	168.8023	154.8757	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.50 Call	65,000	164.6243	151.0572	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	15.75 Call	15,000	141.0099	129.5049	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.00 Call	750	121.1804	112.0769	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	16.16 Call	225,000	110.9578	103.9480	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	11.00 Put	750	20.6606	26.3840	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.00 Put	137,000	149.7836	165.5143	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	12.96 Put	2,700	459.9465	492.8942	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.00 Put	760	478.4927	512.3547	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.05 Put	750	502.2224	537.2332	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	825.7951	873.6762	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	862.9095	911.9300	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	372.5840	350.9142	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	367.1563	345.8147	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	207.2478	197.7768	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	19.2102	25.4118	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	374.9138	399.5780	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	464.7014	493.4980	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	384.3988	368.4237	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	360.7305	346.0573	0.0000	0.0000	0	0.00		
			<u>2,525,861</u>					<u>15,100.00</u>	<u>0.00</u>	<u>37 813 805.00</u>	<u>0.00</u>
	Total		3,930,914					130,099.00	1,511,284,977.70	189 985 258.00	1 770 487 186 135.30

<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		5,334,467					143,712.00	1 756 356 544.10	253,246,186	2,425,317,596,293.30
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