



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 10-November-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Nov 2017	DAEU	Future	21	16.7285	16.5835	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	16.7751	16.6327	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	3	16.7958	16.6487	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	16.8866	16.7336	0.0000	0.0000	0	0.00		
			<u>1,624</u>					<u>0.00</u>	<u>0.00</u>	<u>247 766.00</u>	<u>3 574 018 719.90</u>
Option											
Jan 2018	DAEU	15.80 Put	193,000	121.2102	147.5592	0.0000	0.0000	0	0.00		
Feb 2018	DAEU	16.41 Put	114,748	316.6610	367.4995	0.0000	0.0000	0	0.00		
			<u>307,748</u>					<u>0.00</u>	<u>0.00</u>	<u>632 247.00</u>	<u>0.00</u>
Total			309,372					0.00	0.00	880 013.00	3 574 018 719.90
Future											
Dec 2017	DAGB	Future	10	19.0589	18.7826	0.0000	0.0000	0	0.00		
Jan 2018	DAGB	Future	10	19.2410	18.9633	0.0000	0.0000	0	0.00		
			<u>20</u>					<u>0.00</u>	<u>0.00</u>	<u>53 490.00</u>	<u>877 331 125.50</u>
Option											
Dec 2017	DAGB	19.19 Call	15,200	233.9613	148.0108	0.0000	0.0000	0	0.00		
			<u>15,200</u>					<u>0.00</u>	<u>0.00</u>	<u>207 313.00</u>	<u>0.00</u>
Total			15,220					0.00	0.00	260 803.00	877 331 125.50
Future											
Nov 2017	DAUS	Future	70	14.3440	14.2564	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	200	14.3441	14.2564	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	300	14.3464	14.2611	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,630	14.3488	14.2657	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	14.3749	14.2879	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	14.3798	14.2919	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	24	14.3894	14.3000	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	241	14.4136	14.3202	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,781	14.4160	14.3226	0.0000	0.0000	0	0.00		

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Dec 2017	DAUS	Future	916	14.4446	14.3520	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.4637	14.3716	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	500	14.4780	14.3863	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.4828	14.3911	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.4970	14.4054	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	70	14.5134	14.4210	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	1,564	14.5275	14.4344	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	14.5579	14.4635	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	14.7223	14.6281	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	110	14.7363	14.6423	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.7622	14.6682	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	14.8096	14.7145	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.8858	14.7885	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.9286	14.8300	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	14.9405	14.8416	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	14.9547	14.8555	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.9856	14.8855	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	15.1630	15.0609	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	15.2091	15.1065	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	15.4441	15.3402	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.9066	16.7915	0.0000	0.0000	0	0.00		
			<u>101,321</u>					<u>0.00</u>	<u>0.00</u>	<u>6 874 413.00</u>	<u>83 271 207 141.00</u>

Option

Nov 2017	DAUS	14.17 Call	10,000	284.2501	228.7004	0.0000	0.0000	0	0.00
Nov 2017	DAUS	14.54 Call	300	133.7943	105.7713	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	6.6679	8.8958	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	0.3054	0.2982	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	1.5764	1.9954	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	48.4410	62.7668	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	3.4967	3.5185	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.50 Call	150	366.7747	327.4620	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	47.7259	59.7421	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	329.8882	296.6274	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	290.8919	260.7432	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	79.7953	93.2021	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	82.8074	96.5895	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	87.4895	101.8423	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	104.5631	120.9174	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	28.4642	32.1493	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	55.8957	63.8048	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	67.0603	78.6575	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	279.4525	252.6367	0.0000	0.0000	0	0.00

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Feb 2018	DAUS	15.52 Call	2,723	213.2375	192.2524	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.79 Call	234	167.0643	150.3194	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.88 Call	773	154.0260	138.5116	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.80 Put	35,000	206.2959	232.7517	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.90 Put	20,000	246.8766	0.0000	0.0000	0.0000	20,000	0.00		
Feb 2018	DAUS	14.18 Put	90,000	375.5825	412.6488	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	13.50 Put	100,000	154.5957	173.4382	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	13.40 Put	100,000	134.2012	150.9869	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	870.7727	926.5245	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	364.8674	340.8281	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	13.80 Put	1,000	288.8865	314.7565	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.23 Call	500	530.6330	496.5617	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.66 Call	500	410.5073	384.2593	0.0000	0.0000	0	0.00		
May 2018	DAUS	13.80 Put	1,000	313.9483	340.0329	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.43 Call	500	554.3912	520.8495	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	433.7615	407.7276	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	335.9285	362.4399	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	576.2938	542.9556	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	456.5508	429.7525	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.19 Put	1,500	497.0192	533.2836	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.72 Call	1,500	610.6866	576.1244	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	356.9911	383.9021	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	600.5068	566.6999	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	480.7714	453.2519	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	376.3721	403.4617	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	614.9197	581.0455	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	496.2815	467.6286	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	391.4525	418.4731	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	629.0331	595.2920	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	507.2364	478.5819	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	407.1231	434.2215	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	648.6117	614.7106	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	529.5662	500.6788	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	421.4090	448.4394	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	666.3294	632.6114	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	540.2395	511.8130	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	435.1679	460.9392	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	688.6278	654.5631	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	559.4687	531.1898	0.0000	0.0000	0	0.00		
			<u>1,099,538</u>					<u>20,000.00</u>	<u>0.00</u>	<u>14 743 700.00</u>	<u>0.00</u>
	Total		1,200,859					20,000.00	0.00	21 618 113.00	83 271 207 141.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Dec 2017	EUUS	Future	110	1.1683	1.1652	1.1677	1.1677	1	11,677.00		
			<u>110</u>					<u>1.00</u>	<u>11,677.00</u>	<u>648 950.00</u>	<u>7 291 434 095.00</u>
		Total	110					1.00	11,677.00	648 950.00	7 291 434 095.00
Future											
Dec 2017	ZAAD	Future	16,384	11.0537	10.9768	11.1055	11.0653	167	1,848,186.80		
Mar 2018	ZAAD	Future	1,650	11.2121	11.1343	0.0000	0.0000	750	8,403,725.00		
Jun 2018	ZAAD	Future	300	11.3726	11.2929	0.0000	0.0000	0	0.00		
			<u>18,334</u>					<u>917.00</u>	<u>10,251,911.80</u>	<u>3 393 795.00</u>	<u>29 073 579 144.90</u>
		Total	18,334					917.00	10,251,911.80	3 426 172.00	29 073 579 144.90
Future											
Dec 2017	ZACA	Future	1,000	11.3721	11.2724	11.3849	11.3809	400	4,553,260.00		
			<u>1,000</u>					<u>400.00</u>	<u>4,553,260.00</u>	<u>121 953.00</u>	<u>1 198 148 597.10</u>
		Total	1,000					400.00	4,553,260.00	121 953.00	1 198 148 597.10
Future											
Dec 2017	ZADK	Future	1,500	2.2657	2.2451	2.2570	2.2520	300	6,760,800.00		
			<u>1,500</u>					<u>300.00</u>	<u>6,760,800.00</u>	<u>9 570.00</u>	<u>205 555 059.00</u>
		Total	1,500					300.00	6,760,800.00	9 570.00	205 555 059.00
Future											
Dec 2017	ZAEU	Future	109,357	16.8501	16.6968	16.9008	16.7295	3,414	57,486,131.60		
Mar 2018	ZAEU	Future	13,933	17.2009	17.0431	17.1033	17.1001	5	85,510.10		
Jun 2018	ZAEU	Future	736	17.5554	17.3935	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	Future	4,679	17.9228	17.7539	0.0000	0.0000	0	0.00		
			<u>128,705</u>					<u>3,419.00</u>	<u>57,571,641.70</u>	<u>12 761 507.00</u>	<u>179 755 046 125.00</u>
Option											
Dec 2017	ZAEU	14.00 Put	18,000	1.6306	2.2027	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	621.1413	521.3992	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	68.5628	78.0840	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	72.4093	82.4800	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.39 Put	174,600	325.6567	376.5728	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	1067.0274	964.3335	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	788.5514	705.1944	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	54,507	25.0247	26.1670	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	27.5906	30.8538	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	54,507	127.9494	147.6503	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	398.5369	448.2808	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	549.8368	507.3441	0.0000	0.0000	0	0.00		

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Jun 2018	ZAEU	20.55 Call	54,507	221.0990	206.1451	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	41,516	58.4846	0.0000	0.0000	0.0000	83,032	0.00		
Sep 2018	ZAEU	16.00 Put	41,516	307.4807	0.0000	0.0000	0.0000	41,516	0.00		
Sep 2018	ZAEU	21.63 Call	41,516	286.7263	0.0000	0.0000	0.0000	83,032	0.00		
			546,090					207,580.00	0.00	6 002 472.00	0.00
	Total		674,795					210,999.00	57,571,641.70	18 763 979.00	179 755 046 125.00
Future											
Dec 2017	ZAFR	Future	1,502	14.5312	14.4123	0.0000	0.0000	0	0.00		
			1,502					0.00	0.00	598 403.00	6 361 410 016.60
	Total		1,502					0.00	0.00	598 403.00	6 361 410 016.60
Future											
Dec 2017	ZAGB	Future	211,278	19.0707	18.7947	19.1558	18.8870	677	12,920,887.20		
Mar 2018	ZAGB	Future	3,591	19.4145	19.1338	19.4396	19.4111	520	10,109,942.00		
Jun 2018	ZAGB	Future	4,883	19.7594	19.4728	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	3,565	20.1099	19.8149	0.0000	0.0000	0	0.00		
			223,317					1,197.00	23,030,829.20	9 226 625.00	153 619 923 229.80
Option											
Dec 2017	ZAGB	18.20 Call	400	983.8492	773.9008	0.0000	0.0000	0	0.00		
Dec 2017	ZAGB	19.80 Call	800	190.0447	131.8735	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	17.00 Put	500	109.9769	138.2220	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	20.14 Call	500	574.1599	479.7690	0.0000	0.0000	0	0.00		
			2,200					0.00	0.00	1 770 013.00	0.00
	Total		225,517					1,197.00	23,030,829.20	10 996 638.00	153 619 923 229.80
Future											
Dec 2017	ZAJY	Future	225	0.1275	0.1265	0.0000	0.0000	0	0.00		
			225					0.00	0.00	952 950.00	10 619 017 477.80
	Total		225					0.00	0.00	952 950.00	10 619 017 477.80
Future											
Jun 2018	ZAKS	Future	1,145	0.1376	0.1366	0.0000	0.0000	0	0.00		
Sep 2018	ZAKS	Future	562	0.1364	0.1365	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											
Dec 2017	ZANZ	Future	0	10.0120	9.9473	10.0237	10.0237	250	2,505,925.00		
			0					250.00	2,505,925.00	144 646.00	1 108 107 287.60
	Total		0					250.00	2,505,925.00	164 646.00	1 108 107 287.60

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Future											
Dec 2017	ZATR	Future	4,775	3.7020	3.6759	0.0000	0.0000	0	0.00		
			<u>4,775</u>					<u>0.00</u>	<u>0.00</u>	<u>232 448.00</u>	<u>840 450 875.50</u>
		Total	4,775					0.00	0.00	232 448.00	840 450 875.50
Future											
Dec 2017	ZAUM	Future	813	14.4231	14.3300	14.4390	14.4390	10	14,439,000.00		
Mar 2018	ZAUM	Future	28	14.6377	14.5434	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	9	14.8525	14.7561	0.0000	0.0000	0	0.00		
			<u>850</u>					<u>10.00</u>	<u>14,439,000.00</u>	<u>144 178.00</u>	<u>165 417 909 670.00</u>
		Total	850					10.00	14,439,000.00	148 701.00	165 417 909 670.00
Future											
Dec 2017	ZAUS	Future	1,042,265	14.4231	14.3300	14.5000	14.3347	43,199	621,927,847.80		
Mar 2018	ZAUS	Future	174,444	14.6377	14.5434	14.6999	14.5874	909	13,318,054.80		
Jun 2018	ZAUS	Future	111,797	14.8525	14.7561	14.9029	14.8800	3,011	44,611,590.40		
Sep 2018	ZAUS	Future	3,267	15.0706	14.9695	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	17.0490	16.9325	0.0000	0.0000	0	0.00		
			<u>1,515,773</u>					<u>47,119.00</u>	<u>679,857,493.00</u>	<u>157 960 137.00</u>	<u>1 849 475 066 409.90</u>
Option											
Dec 2017	ZAUS	11.75 Put	1,000	0.6662	1.0044	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	20,141	1.0679	1.5160	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.16 Put	550	1.4515	1.9864	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.20 Put	4,000	1.5683	2.1272	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	1.5991	2.1640	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	2.3199	3.0141	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	16,416	2.8298	3.6027	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.56 Put	7,100	3.1913	4.0156	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,819	3.8278	4.7352	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.75 Put	10,000	4.6949	5.7049	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.76 Put	550	4.7924	5.8132	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.00 Put	10,000	8.4463	10.8075	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.10 Put	41,000	11.7832	15.1503	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	12.5739	16.1777	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.15 Put	2,600	13.8468	17.8308	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.18 Put	16,000	15.2298	19.6251	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.20 Call	7,000	1239.3175	1150.9044	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.20 Put	6,728	16.2175	20.9044	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.21 Put	5,000	16.7313	21.5693	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.22 Put	7,100	17.2595	22.2526	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.25 Call	16,141	1192.0309	1104.4126	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	13.35 Put	52,000	25.5424	32.9188	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	29.5245	38.0127	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	962.1698	880.1385	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	874.1500	795.2005	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	740.9642	669.0171	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Put	3,000	77.8642	99.0171	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Put	550	86.6865	109.4507	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	613.3536	548.5687	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	564.7003	503.0576	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	141.6003	173.0576	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.27 Put	40,000	246.8091	290.8444	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	333.7871	292.0000	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,100	291.2182	253.8389	0.0000	0.0000	100	0.00
Dec 2017	ZAUS	14.50 Put	2,055	368.1182	423.8389	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	242.8874	210.8069	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	164.6887	141.8902	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	142.2039	122.2465	0.0000	0.0000	1,300	0.00
Dec 2017	ZAUS	15.11 Call	1,900	120.8135	103.4551	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	118.9959	101.8752	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	66.4396	56.5084	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	56.9306	48.3608	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	29.8528	24.9978	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	3.9860	3.3180	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	3.2734	2.8912	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	2.4831	2.4514	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	17.7201	19.7724	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	32.2104	35.7768	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	34.3256	38.1080	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	40.1470	44.5131	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	44.7102	49.5283	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	76.8777	84.7512	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	83.5872	92.0765	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	113.0382	127.0117	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	118.3795	132.8705	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	143.6996	160.5485	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	147.9197	165.1485	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	1308.0636	1232.9563	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	170.3636	189.5563	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	195.1346	216.3938	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	233.8953	258.2036	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	1117.5338	1047.9885	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	287.8652	318.3425	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	14.05 Put	500	341.1010	375.0899	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	386.8035	423.5756	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	395.4781	432.7568	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Put	65,000	404.2649	442.0500	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	716.0755	665.5903	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	711.1721	660.9352	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	544.1276	589.1837	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	240	687.0585	638.0609	0.0000	0.0000	240	0.00
Mar 2018	ZAUS	14.50 Put	400	549.3585	594.6609	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	1,000	559.9036	605.6938	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	20,880	577.6350	536.0357	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	535.3267	496.2903	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	520.6597	482.5289	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	517.0522	479.1475	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	502.8495	465.8335	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	485.6078	449.6851	0.0000	0.0000	500	0.00
Mar 2018	ZAUS	15.11 Call	2,500	449.6099	416.0162	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	404.6022	374.0032	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	351.5399	324.9275	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	341.8804	315.9482	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	299.5506	276.6575	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	287.3327	265.3322	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	241.7620	223.1528	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	216.1843	198.7494	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	9.3915	9.5952	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	13.0148	13.3975	0.0000	0.0000	32,716	0.00
Jun 2018	ZAUS	12.00 Put	137,000	21.2952	25.4671	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	104,895	35.7980	0.0000	0.0000	0.0000	209,790	0.00
Jun 2018	ZAUS	12.40 Put	12,603	47.6263	55.0228	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	86.6549	97.7831	0.0000	0.0000	65,432	0.00
Jun 2018	ZAUS	12.96 Put	2,700	119.1743	132.9104	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	14,658	126.2386	140.4970	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	135.4789	150.4056	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	159.5715	176.1470	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	170.4295	187.7128	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	50	188.8429	207.2760	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	228.1032	248.5140	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	233.2854	254.0319	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	277.6310	301.1400	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.70 Put	184,000	295.6126	320.1902	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	104,895	311.1715	0.0000	0.0000	0.0000	104,895	0.00
Jun 2018	ZAUS	13.83 Put	300	337.1554	364.1027	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	13.84 Put	500	340.5015	367.6318	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.90 Put	1,000	361.0106	389.2573	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.00 Put	6,130	396.9046	427.0371	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.10 Put	7,028	434.9584	469.6605	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.71 Call	50	873.5873	824.3781	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.81 Call	500	829.7639	782.7658	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	711.2192	670.0479	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	700.3138	659.6850	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	603.0290	567.3862	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	572.7136	538.8545	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	417.5945	392.8122	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	374.5532	351.1343	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.41 Call	300	368.7690	345.6891	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	353.7985	331.6011	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	66	348.3498	326.4791	0.0000	0.0000	32,716	0.00		
Jun 2018	ZAUS	16.92 Call	104,895	283.6325	0.0000	0.0000	0.0000	209,790	0.00		
Jun 2018	ZAUS	17.00 Call	1,500	272.3103	255.0641	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.21 Call	500	244.8616	229.3325	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.28 Call	5,630	236.3981	221.4027	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.38 Call	7,028	224.8576	210.5967	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	16.5019	15.7000	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	82.2239	90.8509	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	88.1695	97.4266	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	122.3799	135.1530	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1757.4883	1680.9712	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.73 Put	2,500	361.9833	387.8086	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	675.5626	639.1361	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	656.7209	621.2245	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	630.7994	596.5996	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	17.02 Call	2,500	442.7451	417.1736	0.0000	0.0000	0	0.00		
			<u>2,820,894</u>					<u>657,479.00</u>	<u>0.00</u>	<u>39 856 152.00</u>	<u>0.00</u>
	Total		4,336,667					704,598.00	679,857,493.00	197 816 289.00	1 849 475 066 409.90
Grand Total			6,792,433					938,672.00	798 982 537.70	265,024,342	2,536,594,706,239.00