



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 14-November-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Nov 2017	DAEU	Future	21	16.9536	16.9477	0.0000	0.0000	21	355,425.00
Nov 2017	DAEU	Future	800	16.9961	16.9916	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	3	17.0162	17.0122	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	17.1053	17.1047	0.0000	0.0000	0	0.00
			<u>1,624</u>					<u>21.00</u>	<u>355,425.00</u>
Option									
Jan 2018	DAEU	15.80 Put	193,000	79.3807	85.0815	0.0000	0.0000	0	0.00
Feb 2018	DAEU	16.41 Put	114,748	233.6535	245.7995	0.0000	0.0000	0	0.00
			<u>307,748</u>					<u>0.00</u>	<u>0.00</u>
		Total	309,372					21.00	355,425.00
Future									
Dec 2017	DAGB	Future	10	19.0041	19.1248	0.0000	0.0000	0	0.00
Jan 2018	DAGB	Future	10	19.1867	19.3102	0.0000	0.0000	0	0.00
			<u>20</u>					<u>0.00</u>	<u>0.00</u>
Option									
Dec 2017	DAGB	19.19 Call	15,200	199.0099	258.3836	0.0000	0.0000	0	0.00
			<u>15,200</u>					<u>0.00</u>	<u>0.00</u>
		Total	15,220					0.00	0.00
Future									
Nov 2017	DAUS	Future	200	14.4261	14.5294	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	300	14.4261	14.5294	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	238	14.4261	14.5318	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	14.4543	14.5585	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	14.4589	14.5634	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	24	14.4682	14.5732	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	241	14.4913	14.5977	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,781	14.4937	14.6001	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	14.5222	14.6292	0.0000	0.0000	0	0.00

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Jan 2018	DAUS	Future	241	14.5413	14.6486	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	500	14.5557	14.6632	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.5604	14.6680	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.5748	14.6826	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	70	14.5914	14.6994	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	1,564	14.6057	14.7138	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	14.6367	14.7450	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	14.8003	14.9119	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	110	14.8143	14.9262	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	14.8400	14.9524	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	14.8873	15.0002	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	14.9632	15.0768	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	15.0059	15.1198	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	15.0178	15.1318	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,853	15.0320	15.1461	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	15.0628	15.1772	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	15.2385	15.3565	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	15.2842	15.4033	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	15.5239	15.6435	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	17.0279	17.1598	0.0000	0.0000	0	0.00
			<u>99,859</u>					<u>0.00</u>	<u>0.00</u>
									<u>6 874 483.00</u>
									<u>83 272 221 966.00</u>
Option									
Nov 2017	DAUS	14.17 Call	10,000	325.7628	421.3195	0.0000	0.0000	0	0.00
Nov 2017	DAUS	14.54 Call	300	148.6579	213.9005	0.0000	0.0000	0	0.00
Nov 2017	DAUS	14.70 Call	50	96.7682	148.7807	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	5.1306	4.8774	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	0.1761	0.2947	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	1.0811	0.8989	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	37.9598	29.6919	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	3.2583	4.0265	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.50 Call	150	391.5876	456.3637	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	38.2562	31.9308	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	345.5611	401.1613	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	303.5192	354.9482	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	64.9677	57.8365	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	67.5401	60.1400	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	71.5472	63.7647	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	86.2521	77.0939	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	24.2329	23.1026	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	46.5248	44.2388	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	54.1116	51.3900	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	286.5723	333.9379	0.0000	0.0000	0	0.00

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Feb 2018	DAUS	15.52 Call	2,723	216.4160	255.3929	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	167.9390	200.4625	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	154.3133	184.8864	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	176.1164	160.1929	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	215.7247	190.7904	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	90,000	331.3634	305.1458	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.50 Put	100,000	130.6477	120.3011	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	112.6540	103.5961	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	810.2299	765.7338	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	372.5498	420.1730	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	255.0915	240.6780	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	545.2777	607.4011	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	420.1023	471.6929	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	65.6464	0.0000	0.0000	0.0000	22,000	0.00
May 2018	DAUS	14.50 Put	11,000	543.4582	0.0000	0.0000	0.0000	11,000	0.00
May 2018	DAUS	15.76 Call	11,000	430.0980	0.0000	0.0000	0.0000	22,000	0.00
May 2018	DAUS	13.80 Put	1,000	279.6138	265.7335	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	567.3753	628.6509	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	442.0769	492.9458	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	301.2386	287.6831	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	587.3805	647.9416	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	463.4931	513.9504	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	453.9079	435.0942	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	567.9663	0.0000	0.0000	0.0000	1,500	0.00
Jul 2018	DAUS	15.72 Call	1,500	620.9839	682.0918	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	560.5883	0.0000	0.0000	0.0000	1,500	0.00
Jul 2018	DAUS	13.80 Put	1,000	322.0140	308.7629	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	609.8210	669.3539	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	486.5295	536.6273	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	340.9643	328.0808	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	622.3528	680.7614	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	500.9669	550.4524	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	356.1642	343.6391	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	635.0904	693.0906	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	510.7699	561.5259	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	371.9488	359.7575	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	653.1996	711.0938	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	532.6408	583.2587	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	386.6746	369.9537	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	668.8839	726.4706	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	540.7464	590.6699	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	398.5142	382.4450	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	16.93 Call	500	691.1847	747.3063	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	17.58 Call	500	559.2956	608.0564	0.0000	0.0000	0	0.00	
			<u>1,135,588</u>					<u>58,000.00</u>	<u>0.00</u>	<u>14 801 750.00</u>
		Total	1,235,447					58,000.00	0.00	21 676 233.00
										83 272 221 966.00
Future										
Dec 2017	EUUS	Future	30	1.1771	1.1684	1.1748	1.1748	80	939,840.00	
			<u>30</u>					<u>80.00</u>	<u>939,840.00</u>	<u>649 030.00</u>
		Total	30					80.00	939,840.00	7 292 373 935.00
										649 030.00
										7 292 373 935.00
Future										
Dec 2017	ZAAD	Future	10,057	11.0618	11.1548	11.1000	11.0155	6,729	74,761,455.60	
Mar 2018	ZAAD	Future	1,650	11.2197	11.3155	0.0000	0.0000	0	0.00	
Jun 2018	ZAAD	Future	300	11.3785	11.4776	0.0000	0.0000	0	0.00	
			<u>12,007</u>					<u>6,729.00</u>	<u>74,761,455.60</u>	<u>3 400 587.00</u>
		Total	12,007					6,729.00	74,761,455.60	29 149 045 095.50
										3 432 964.00
										29 149 045 095.50
Future										
Dec 2017	ZACA	Future	1,000	11.3857	11.4832	0.0000	0.0000	0	0.00	
			<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>121 953.00</u>
		Total	1,000					0.00	0.00	1 198 148 597.10
										121 953.00
										1 198 148 597.10
Future										
Dec 2017	ZADK	Future	1,400	2.2958	2.2954	0.0000	0.0000	0	0.00	
			<u>1,400</u>					<u>0.00</u>	<u>0.00</u>	<u>9 670.00</u>
		Total	1,400					0.00	0.00	207 841 159.00
										9 670.00
										207 841 159.00
Future										
Dec 2017	ZAEU	Future	111,199	17.0680	17.0675	17.0662	16.9792	1,758	29,990,266.40	
Mar 2018	ZAEU	Future	14,601	17.4242	17.4251	17.4164	17.3765	400	6,953,496.00	
Jun 2018	ZAEU	Future	786	17.7815	17.7850	17.7500	17.7500	50	887,500.00	
Sep 2018	ZAEU	Future	4,679	18.1521	18.1562	0.0000	0.0000	0	0.00	
			<u>131,265</u>					<u>2,208.00</u>	<u>37,831,262.40</u>	<u>12 771 657.00</u>
		Total						2,208.00	37,831,262.40	179 927 685 262.80
										12 771 657.00
										179 927 685 262.80
Option										
Dec 2017	ZAEU	14.00 Put	18,000	0.7143	0.9242	0.0000	0.0000	0	0.00	
Dec 2017	ZAEU	16.39 Call	18,000	768.3282	777.8658	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.05 Put	5,648	50.0774	53.9790	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	15.10 Put	19,510	52.8288	56.9724	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.39 Put	174,600	245.5938	258.8041	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	16.50 Call	643	1201.9108	1216.8275	0.0000	0.0000	0	0.00	
Mar 2018	ZAEU	17.00 Call	620	893.4201	911.4396	0.0000	0.0000	0	0.00	

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Jun 2018	ZAEU	13.75 Put	54,507	21.9432	22.8792	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	7,000	24.3621	25.1433	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	54,507	96.9362	102.3722	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	7,000	319.3038	335.5735	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	7,000	607.2195	629.8793	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	54,507	246.6754	261.2215	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	41,516	49.2860	54.2725	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.00 Put	41,516	248.5496	262.1852	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	21.63 Call	41,516	307.9846	324.2527	0.0000	0.0000	0	0.00	
			546,090					0.00	0.00	6 002 472.00
		Total	677,355					2,208.00	37,831,262.40	18 774 129.00 179 927 685 262.80
Future										
Dec 2017	ZAFR	Future	1,502	14.6461	14.7040	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	212,511	19.0147	19.1369	19.0300	18.9700	543	10,326,408.60	
Mar 2018	ZAGB	Future	3,605	19.3595	19.4857	19.3664	19.3266	514	9,953,826.40	
Jun 2018	ZAGB	Future	4,383	19.7023	19.8325	19.7041	19.7041	500	9,852,050.00	
Sep 2018	ZAGB	Future	3,565	20.0499	20.1840	0.0000	0.0000	0	0.00	
			224,064					1,557.00	30,132,285.00	9 231 252.00 153 708 899 188.10
Option										
Dec 2017	ZAGB	18.20 Call	400	940.1949	1039.7589	0.0000	0.0000	0	0.00	
Dec 2017	ZAGB	19.80 Call	800	170.2758	205.9734	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	17.00 Put	500	111.9439	106.6667	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	20.14 Call	500	538.5106	604.3725	0.0000	0.0000	0	0.00	
			2,200					0.00	0.00	1 770 013.00 0.00
		Total	226,264					1,557.00	30,132,285.00	11 001 265.00 153 708 899 188.10
Future										
Dec 2017	ZAJY	Future	225	0.1279	0.1289	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	0.1372	0.1394	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1368	0.1382	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

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Future											
Dec 2017	ZATR	Future	4,775	3.6898	3.7273	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	814	14.5006	14.6074	14.5569	14.4600	77	111,840,220.00		
Mar 2018	ZAUM	Future	28	14.7162	14.8260	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	9	14.9300	15.0433	0.0000	0.0000	0	0.00		
			<u>851</u>					<u>77.00</u>	<u>111,840,220.00</u>	<u>144 329.00</u>	<u>165 637 588 610.00</u>
		Total	851					77.00	111,840,220.00	148 852.00	165 637 588 610.00
Future											
Dec 2017	ZAUS	Future	1,075,650	14.5006	14.6074	14.5985	14.4313	69,984	1,016,603,764.40		
Mar 2018	ZAUS	Future	184,353	14.7162	14.8260	14.7889	14.6586	17,243	253,821,379.00		
Jun 2018	ZAUS	Future	111,301	14.9300	15.0433	14.9823	14.9585	809	12,104,852.40		
Sep 2018	ZAUS	Future	3,267	15.1470	15.2631	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	17.1756	17.3092	0.0000	0.0000	0	0.00		
			<u>1,558,571</u>					<u>88,036.00</u>	<u>1,282,529,995.80</u>	<u>158 191 883.00</u>	<u>1 852 851 945 228.90</u>
Option											
Dec 2017	ZAUS	11.75 Put	1,000	0.5655	0.5081	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	20,141	0.8979	0.8002	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.16 Put	550	1.2131	1.0749	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.20 Put	4,000	1.3088	1.1579	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	1.3339	1.1797	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	1.9218	1.6869	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	16,416	2.3360	2.0417	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.56 Put	7,100	2.6289	2.2918	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,819	3.1434	2.7292	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.75 Put	10,000	3.8429	3.3211	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.76 Put	550	3.9214	3.3873	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.00 Put	10,000	6.4216	5.4808	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.10 Put	41,000	8.4702	6.7267	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	9.0655	7.0101	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.15 Put	2,600	10.0275	7.4593	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.18 Put	16,000	11.0784	8.2708	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.20 Call	7,000	1312.4315	1416.2555	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.20 Put	6,728	11.8315	8.8555	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.21 Put	5,000	12.2247	9.1612	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.22 Put	7,100	12.6289	9.4763	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.25 Call	16,141	1264.5131	1367.8792	0.0000	0.0000	0	0.00		

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Dec 2017	ZAUS	13.35 Put	52,000	19.0481	14.5221	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	22.1779	17.0075	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	1030.3719	1130.4914	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	940.0534	1038.3340	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	800.8984	895.4609	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Put	3,000	60.2984	48.0609	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Put	550	66.7186	53.3831	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	665.4733	753.4316	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	613.7245	698.9920	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	34,000	113.1245	91.5920	0.0000	0.0000	500	0.00
Dec 2017	ZAUS	14.27 Put	40,000	205.8985	172.5401	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	364.5033	431.6853	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,600	315.0780	377.3286	0.0000	0.0000	500	0.00
Dec 2017	ZAUS	14.50 Put	2,055	314.4780	269.9286	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	261.7402	314.9147	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	175.2988	215.7352	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	150.4774	186.7192	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	126.9618	158.9551	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	125.0047	156.6310	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	68.0898	88.2397	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	57.8294	75.5108	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	29.8248	40.3120	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	3.9828	5.7912	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	3.2806	4.7922	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	2.2286	2.7032	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	15.3443	14.0397	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	27.4627	25.4092	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	29.2307	27.0730	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	34.0966	31.6565	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	37.9135	35.2553	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	64.9361	60.7835	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	70.6042	66.1435	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	95.1546	89.3659	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	99.0050	93.0101	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	121.4070	112.6111	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	125.1642	116.1163	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	1361.4446	1460.8574	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	145.2446	134.8574	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	167.5675	155.7192	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	202.7915	188.6860	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	1164.4154	1259.7690	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	252.1305	234.9633	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	14.05 Put	500	300.6325	278.4799	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	343.3165	318.6412	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	351.4478	326.3048	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Put	65,000	359.6966	334.0764	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	743.7234	822.0231	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	738.5695	816.6148	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	492.0288	459.2622	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	240	713.2104	789.9906	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	497.0104	463.9906	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	1,000	507.0631	473.5325	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.68 Call	1,000	627.5915	0.0000	0.0000	0.0000	1,000	0.00
Mar 2018	ZAUS	14.68 Put	1,000	591.3915	0.0000	0.0000	0.0000	1,000	0.00
Mar 2018	ZAUS	14.75 Call	20,880	597.3822	666.9600	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.79 Call	100	580.8665	0.0000	0.0000	0.0000	200	0.00
Mar 2018	ZAUS	14.79 Put	100	654.6665	0.0000	0.0000	0.0000	200	0.00
Mar 2018	ZAUS	14.86 Call	15,000	552.9410	618.7839	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	537.5374	602.2565	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	533.7464	598.1885	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	518.8321	582.1588	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	500.7265	562.6659	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	462.9375	521.8639	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	415.7192	470.6365	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	359.9473	409.6986	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	349.8611	398.4550	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	305.7148	349.5725	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	245.6233	282.7516	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	219.5123	253.5964	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	8.5188	9.0208	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	12.0728	12.2807	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	18.5467	16.8251	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	104,895	30.9256	26.7721	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	41.0408	36.1749	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	74.6404	68.0136	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	102.9056	95.1918	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	14,658	109.0747	101.1535	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	117.1620	108.9809	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	138.3282	129.5250	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	147.9043	138.8440	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	1,050	164.1919	154.7172	0.0000	0.0000	1,000	0.00
Jun 2018	ZAUS	13.46 Put	5,183	200.4008	190.1442	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	205.1902	194.9306	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	246.3540	234.8830	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	13.70 Put	184,000	263.1312	250.8138	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.75 Put	104,895	277.6835	264.6330	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.83 Put	300	302.0616	287.7920	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.84 Put	500	305.2033	290.7764	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.90 Put	1,000	324.5057	309.1235	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.00 Put	6,130	358.3995	341.3551	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.10 Put	7,028	394.4657	375.6766	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.25 Put	1,000	454.0226	0.0000	0.0000	0.0000	1,000	0.00		
Jun 2018	ZAUS	14.71 Call	50	896.6567	976.1109	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.81 Call	500	851.2217	928.5171	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	727.9656	798.2513	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	716.6796	786.2934	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	616.0391	679.2639	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	584.7030	645.7852	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	424.1473	471.9952	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	380.2746	424.1625	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.41 Call	300	374.7002	418.0637	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	359.7549	402.2848	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	66	354.1248	396.5412	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.92 Call	104,895	287.3712	324.1400	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.00 Call	2,500	275.7097	311.3652	0.0000	0.0000	1,000	0.00		
Jun 2018	ZAUS	17.21 Call	500	247.4680	280.3503	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.28 Call	5,630	238.7645	270.7672	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.38 Call	7,028	226.9128	257.6969	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	14.5610	16.3554	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	66.6067	66.6894	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	71.7882	71.6042	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	101.9870	100.0989	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1801.5489	1902.4548	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.73 Put	2,500	328.1935	315.4899	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	683.5402	745.2137	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	664.2024	724.4728	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	637.6240	696.1603	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	17.02 Call	2,500	445.7341	492.1094	0.0000	0.0000	0	0.00		
			<u>2,812,594</u>					<u>6,400.00</u>	<u>0.00</u>	<u>39 878 552.00</u>	<u>0.00</u>
	Total		4,371,165					94,436.00	1,282,529,995.80	198 070 435.00	1 852 851 945 228.90
	Grand Total		6,858,320					163,108.00	1 538 390 483.80	265,358,529	2,540,532,941,234.70