



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 25-June-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jul 2018	DAEU	Future	34	15.9299	15.7456	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.9794	15.7943	0.0000	0.0000	0	0.00
			<u>67</u>					<i>0.00</i>	<i>0.00</i>
									<i>791 007.00</i>
									<i>11 806 212 560.60</i>
Option									
Jul 2018	DAEU	15.63 Put	10,000	111.6859	199.8257	0.0000	0.0000	0	0.00
			<u>10,000</u>					<i>0.00</i>	<i>0.00</i>
									<i>956 787.00</i>
									<i>0.00</i>
		Total	10,067					0.00	0.00
									<i>1 747 794.00</i>
									<i>11 806 212 560.60</i>
Future									
Jun 2018	DAUS	Future	4,240	13.5884	13.4826	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	13.5935	13.4877	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.5952	13.4895	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.6004	13.4946	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.6246	13.5184	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.6315	13.5252	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.6333	13.5269	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.6367	13.5303	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,427	13.6438	13.5373	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.6473	13.5407	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.6667	13.5598	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	5,970	13.6702	13.5633	0.0000	0.0000	500	6,771,100.00
Aug 2018	DAUS	Future	600	13.6790	13.5720	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	2,602	13.6986	13.5912	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	197	13.7040	13.5965	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	13.7490	13.6406	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.7560	13.6476	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.7962	13.6874	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.8032	13.6943	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,363	13.8067	13.6978	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	13.8085	13.6995	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>		
Nov 2018	DAUS	Future	70	13.8295	13.7203	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	700	13.8347	13.7255	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	3,117	13.8593	13.7498	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	1,830	13.9136	13.8035	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.9171	13.8069	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.9664	13.8555	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.9682	13.8572	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.9911	13.8797	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	14.0175	13.9057	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	14.0650	13.9525	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.0757	13.9630	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	14.1253	14.0118	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	14.1803	14.0659	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	14.1856	14.0712	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	14.2335	14.1181	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.2745	14.1601	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.3168	14.2035	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.3565	14.2442	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.3949	14.2835	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.4372	14.3269	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.4782	14.3689	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.5166	14.4082	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.5576	14.4502	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.5986	14.4923	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.6343	14.5289	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.6793	14.5750	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.7911	14.6884	0.0000	0.0000	0	0.00		
			<u>184,040</u>					<u>500.00</u>	<u>6,771,100.00</u>	<u>10 286 584.00</u>	<u>125 154 897 622.80</u>
Option											
Jun 2018	DAUS	12.22 Put	500	0.0448	0.1785	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.44 Put	109	0.2239	0.6386	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.45 Put	635	0.2386	0.6763	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.47 Put	158	0.2707	0.7583	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.52 Call	109	1068.7709	963.6085	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.55 Call	500	1038.8475	933.7956	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.56 Call	635	1028.8764	923.8652	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.62 Call	158	969.0917	864.3738	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.85 Call	500	741.1854	638.8612	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	254.0346	355.8704	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	0.0503	0.0595	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	0.0189	0.0143	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	11.80 Put	2,000	0.0476	0.0035	0.0000	0.0000	0	0.00		

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Jul 2018	DAUS	12.50 Put	2,000	0.4770	1.2829	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	489.0000	402.3847	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	1.1360	2.7215	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	0.2811	1.2204	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.25 Put	20,000	46.7726	79.8247	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	165.8184	142.1580	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Put	20,000	165.4184	247.5580	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	114.9801	101.3154	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	879.0600	980.3298	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.6709	2.5259	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Put	40,000	199.3755	0.0000	0.0000	0.0000	40,000	0.00
Jul 2018	DAUS	13.00 Put	500	57.1706	85.9811	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Call	500	360.8005	316.3360	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	384.1725	465.2821	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	6.1334	5.6848	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	2.0831	2.2109	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	8.4382	12.4218	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	441.3597	523.2803	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	4.6170	5.0267	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	109.5452	143.5404	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	413.8932	373.7620	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	452.1454	526.7164	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	27.5538	26.1250	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	14.9713	13.7085	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	226.2083	274.8040	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	147.8176	182.3116	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	452.4918	413.6227	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	495.3686	565.6092	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	48.3394	44.7812	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	29.1972	26.6026	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	186.4115	221.9521	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	538.6163	606.3683	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	493.5273	456.3467	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	72.9906	68.2159	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	52.8359	49.8495	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	30.8431	37.6935	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	579.2225	648.5213	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	64.0224	60.4662	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	6.5305	7.3380	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	24.1034	29.1952	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	893.4457	830.3350	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	217.4677	254.2249	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	13.80 Put	1,000	571.7945	637.4695	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	14.08 Call	500	521.1011	485.3498	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	93.8806	89.0099	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	71.3412	67.5941	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	500.7649	561.3344	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	195.1955	182.4254	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.20 Put	1,000	305.4898	351.1700	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.30 Put	1,000	346.0706	395.0513	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.66 Call	1,000	398.4222	373.6287	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.75 Call	1,000	376.9505	353.6041	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.00 Put	500	243.7652	281.0454	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	598.0849	662.1813	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.22 Call	500	548.5343	513.7358	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	113.9535	109.2827	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	88.4619	85.1116	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	267.6412	305.4367	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	14.38 Call	500	568.3975	534.7373	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	287.2583	325.4425	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	586.2758	553.2255	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.00 Put	500	306.4962	344.9057	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.67 Call	500	602.8359	570.6076	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	3,000	325.7210	363.8814	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	1152.2964	1093.3559	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	618.0548	587.1417	0.0000	0.0000	0	0.00		
May 2019	DAUS	13.00 Put	500	343.4870	381.6347	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	632.2994	602.0818	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	358.4225	397.0710	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	643.2265	613.9137	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	380.5123	419.2692	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	661.0228	633.4654	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	399.9248	437.9596	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	670.6101	644.8276	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	417.8811	455.0522	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	685.4246	660.9206	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	435.2837	473.0239	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	694.0594	671.0389	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	450.3421	488.5554	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	705.6507	683.8632	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	463.6915	503.4922	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	716.5472	696.5363	0.0000	0.0000	0	0.00		
			<u>442,331</u>					<u>40,000.00</u>	<u>0.00</u>	<u>19 073 082.00</u>	<u>0.00</u>

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Total			626,371					40,500.00	6,771,100.00	29 359 666.00	125 154 897 622.80
Future											
Sep 2018	EUUS	Future	2,723	1.1754	1.1710	1.1763	1.1763	10	117,630.00		
			<u>2,723</u>					<u>10.00</u>	<u>117,630.00</u>	<u>726 156.00</u>	<u>8 231 779 402.00</u>
Total			2,723					10.00	117,630.00	726 156.00	8 231 779 402.00
Future											
Sep 2018	ZAAD	Future	12,322	10.1647	10.1079	10.1493	10.1493	10	101,493.00		
Dec 2018	ZAAD	Future	11,412	10.2852	10.2279	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	10.5487	10.4881	0.0000	0.0000	0	0.00		
			<u>28,663</u>					<u>10.00</u>	<u>101,493.00</u>	<u>3 683 050.00</u>	<u>31 983 843 733.40</u>
Total			28,663					10.00	101,493.00	3 715 427.00	31 983 843 733.40
Future											
Dec 2018	ZACA	Future	500	10.4687	10.3607	0.0000	0.0000	0	0.00		
			<u>500</u>					<u>0.00</u>	<u>0.00</u>	<u>136 153.00</u>	<u>1 339 439 627.10</u>
Total			500					0.00	0.00	136 153.00	1 339 439 627.10
Future											
Sep 2018	ZAEU	Future	134,755	16.1374	15.9499	16.1006	15.9826	342	5,512,144.00		
Dec 2018	ZAEU	Future	19,006	16.4352	16.2437	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	Future	4,808	16.7690	16.5732	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	17.0885	16.8878	0.0000	0.0000	0	0.00		
			<u>163,825</u>					<u>342.00</u>	<u>5,512,144.00</u>	<u>15 018 458.00</u>	<u>214 453 525 214.90</u>
Option											
Sep 2018	ZAEU	13.50 Put	29,734	7.8040	9.7064	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	86,688	17.0875	21.6847	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	333.6408	431.1724	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	273.2385	236.4888	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	19.5719	18.2963	0.0000	0.0000	0	0.00		
			<u>319,804</u>					<u>0.00</u>	<u>0.00</u>	<u>7 964 516.00</u>	<u>0.00</u>
Total			483,629					342.00	5,512,144.00	22 982 974.00	214 453 525 214.90
Future											
Sep 2018	ZAFR	Future	1,215	13.9922	13.8603	0.0000	0.0000	0	0.00		
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>612 948.00</u>	<u>6 555 963 200.80</u>
Total			1,215					0.00	0.00	612 948.00	6 555 963 200.80
Future											
Sep 2018	ZAGB	Future	226,524	18.2805	18.1389	0.0000	0.0000	436	7,928,660.00		

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Dec 2018	ZAGB	Future	7,437	18.5617	18.4172	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	Future	4,932	18.8741	18.7254	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	Future	6,543	19.1672	19.0157	0.0000	0.0000	0	0.00		
			<u>245,436</u>					<u>436.00</u>	<u>7,928,660.00</u>	<u>11 892 325.00</u>	<u>200 183 757 343.60</u>
	Total		245,436					436.00	7,928,660.00	13 666 438.00	200 183 757 343.60
Future											
Sep 2018	ZAJY	Future	115	0.1259	0.1247	0.0000	0.0000	0	0.00		
			<u>115</u>					<u>0.00</u>	<u>0.00</u>	<u>993 919.00</u>	<u>11 089 418 491.40</u>
	Total		115					0.00	0.00	993 919.00	11 089 418 491.40
Future											
Sep 2018	ZAKS	Future	562	0.1344	0.1336	0.0000	0.0000	0	0.00		
Jun 2019	ZAKS	Future	1,093	0.1313	0.1320	0.0000	0.0000	0	0.00		
			<u>1,655</u>					<u>0.00</u>	<u>0.00</u>	<u>35 358.00</u>	<u>476 333 960.00</u>
	Total		1,655					0.00	0.00	35 358.00	476 333 960.00
Future											
Sep 2018	ZATR	Future	12,775	2.8347	2.8036	0.0000	0.0000	0	0.00		
			<u>12,775</u>					<u>0.00</u>	<u>0.00</u>	<u>289 254.00</u>	<u>1 008 061 782.50</u>
	Total		12,775					0.00	0.00	289 254.00	1 008 061 782.50
Future											
Sep 2018	ZAUM	Future	346	13.7292	13.6213	0.0000	0.0000	10	13,621,300.00		
Dec 2018	ZAUM	Future	10	13.8838	13.7740	0.0000	0.0000	0	0.00		
			<u>356</u>					<u>10.00</u>	<u>13,621,300.00</u>	<u>151 864.00</u>	<u>175 166 490 800.00</u>
	Total		356					10.00	13,621,300.00	156 387.00	175 166 490 800.00
Future											
Sep 2018	ZAUS	Future	582,981	13.7292	13.6213	13.7724	13.6000	82,032	1,119,935,862.50		
Dec 2018	ZAUS	Future	74,727	13.8838	13.7740	13.8640	13.8060	244	3,369,718.30		
Mar 2019	ZAUS	Future	5,690	14.0492	13.9369	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	Future	14,610	14.2051	14.0903	0.0000	0.0000	0	0.00		
			<u>678,008</u>					<u>82,276.00</u>	<u>1,123,305,580.80</u>	<u>177 777 623.00</u>	<u>2 103 342 426 150.90</u>
Option											
Sep 2018	ZAUS	11.48 Put	5,200	7.7534	8.9845	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.50 Put	45,000	7.9926	9.2605	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.60 Put	2,000	9.3067	10.7764	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	93,314	11.7067	13.5459	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.85 Put	48,200	13.6523	15.7929	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.90 Put	3,000	14.7469	17.0578	0.0000	0.0000	0	0.00		

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Sep 2018	ZAUS	12.00 Put	13,300	17.2156	19.9121	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1504.6321	1400.7463	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	25.4321	29.4463	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	27.5112	33.9020	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	31.2107	42.1107	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	1271.5040	1178.5001	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	42.3040	57.2001	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	51.9971	69.3206	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	56.0385	74.3272	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	61.7928	81.4105	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	1040.9244	956.9162	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	1016.5707	933.6929	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	97.4053	124.3622	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	861.6534	788.3295	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	723.4337	659.7157	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Put	4,000	194.2337	238.4157	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	201.3570	246.4264	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	691.5427	630.0436	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	74,064	212.3427	258.7436	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,000	547.1554	496.4881	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	496.3486	449.7975	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Put	4,000	367.1486	428.4975	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	472.3953	428.7583	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	1,500	605.5165	683.9121	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Call	4,000	125.1159	115.2459	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	48.0571	44.7535	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	44.9406	41.9214	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	40.8677	38.2157	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	35.5028	33.3248	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	28.6315	34.1073	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	231,517	34.4558	41.0138	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	44.0120	52.3065	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	51.5625	61.1973	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	53.1972	63.1179	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	60.1782	71.3069	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	69.9711	82.7567	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	75.3445	89.0198	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	90.9319	107.1280	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	231,517	1491.3801	1404.1210	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	107.5801	130.1210	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	133.6090	159.6800	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	144.7078	172.1808	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	12.75 Put	5,500	161.2965	190.7796	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	1114.7974	1041.9533	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	190,030	230.9974	267.9533	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	263.6259	304.7404	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	982.8608	919.5361	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	306.9232	354.0534	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	952.7406	891.0429	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	3,300	318.9406	367.0429	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	405.8731	460.3292	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	231,517	813.2346	759.4326	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	429.4346	485.4326	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	530.7601	592.7010	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	678.1739	632.7746	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Put	100	574.3739	638.7746	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	579.9454	644.6940	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	669.3434	624.6350	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	606.7422	566.7182	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	11,000	587.3526	548.6070	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	539.7433	504.1825	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	473.9396	442.8576	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	441.3136	412.4732	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	397.9816	372.7321	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	395.4620	370.3962	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	392.9633	368.0729	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	373.5700	350.0587	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	361.9860	339.2993	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	342.1226	320.8528	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	21,600	309.7511	290.7925	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	307.8472	289.0224	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	293.0748	275.3020	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	282.5305	265.5055	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	229.5995	214.4748	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	1,000	226.6553	211.7447	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	199.3649	186.4159	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	10,000	164.9501	154.4744	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	7.5091	7.4416	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	44.7487	53.2302	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	81.1264	95.7228	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	1072.9615	1013.8917	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	478.4068	531.9108	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	623.4576	684.6150	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	637.3827	602.3644	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	14.96 Call	17,981	502.2677	475.7662	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	15.45 Call	20,000	397.8103	376.3833	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	10.69 Put	1,000	13.1874	12.4262	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	12.28 Put	1,000	136.6876	158.2222	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	12.75 Put	1,000	269.8096	305.4804	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	12.98 Put	911	343.9336	382.1634	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	13.24 Put	30,000	437.4155	481.8114	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	13.83 Put	25,000	711.1847	772.7633	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	13.88 Put	12,450	738.3470	801.0559	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.58 Call	1,000	789.1260	750.6488	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.82 Call	30,000	712.7441	678.5147	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.55 Call	25,000	529.6645	505.2020	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.62 Call	12,450	515.0713	490.8971	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.80 Call	1,000	478.4536	456.2124	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.92 Call	911	455.7141	434.6758	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	10.75 Put	1,000	25.8362	24.6556	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	12.50 Put	1,000	234.5417	266.2839	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.87 Call	1,000	621.0775	597.8006	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	253.9562	245.8061	0.0000	0.0000	0	0.00	
			<u>2,552,637</u>					<u>0.00</u>	<u>0.00</u>	<u>50 643 988.00</u>
		Total	3,230,645					82,276.00	1,123,305,580.80	228 421 611.00
										2 103 342 426 150.90
		Grand Total	4,644,150					123,584.00	1 157 357 907.80	312,208,675
										2,936,756,966,817.62