



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 26-July-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Oct 2018	CC01	Future	25,000	346.2748	347.8033	0.0000	0.0000	0	0.00		
			<u>25,000</u>					<u>0.00</u>	<u>0.00</u>	<u>25 000.00</u>	<u>7 830 750.00</u>
		Total	25,000					0.00	0.00	25 000.00	7 830 750.00
Future											
Jul 2018	DAEU	Future	33	15.4233	15.4507	0.0000	0.0000	0	0.00		
Sep 2018	DAEU	Future	34	15.5420	15.5694	0.0000	0.0000	0	0.00		
			<u>67</u>					<u>0.00</u>	<u>0.00</u>	<u>801 227.00</u>	<u>11 964 244 481.80</u>
		Total	67					0.00	0.00	1 758 014.00	11 964 244 481.80
Future											
Sep 2018	DAGB	Future	14	17.5649	17.5655	0.0000	0.0000	0	0.00		
			<u>14</u>					<u>0.00</u>	<u>0.00</u>	<u>53 769.00</u>	<u>882 198 966.30</u>
		Total	14					0.00	0.00	261 082.00	882 198 966.30
Future											
Jul 2018	DAUS	Future	561	13.2315	13.2227	0.0000	0.0000	643	8,485,478.10		
Jul 2018	DAUS	Future	1,762	13.2280	13.2280	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	55	13.2315	13.2315	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	420	13.2385	13.2385	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.2505	13.2504	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	4,144	13.2539	13.2539	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	600	13.2625	13.2624	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	3,299	13.2813	13.2813	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	197	13.2866	13.2865	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	5,532	13.3299	13.3294	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	55	13.3368	13.3363	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	13.3761	13.3755	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	13.3830	13.3823	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	3,608	13.3864	13.3857	0.0000	0.0000	0	0.00		

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Nov 2018	DAUS	Future	55	13.3881	13.3874	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.4084	13.4078	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	700	13.4135	13.4129	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	3,363	13.4373	13.4367	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	2,078	13.4898	13.4893	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.4932	13.4927	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.5407	13.5403	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.5424	13.5419	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.5644	13.5637	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	13.5897	13.5888	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.6353	13.6341	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.6454	13.6441	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.6927	13.6911	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.7448	13.7438	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	29,000	13.7499	13.7489	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.7970	13.7966	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	13.8494	13.8498	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	13.9076	13.9083	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.9622	13.9633	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.0150	14.0163	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.0732	14.0749	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.1296	14.1316	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.1824	14.1847	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.2388	14.2415	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.2952	14.2982	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.3443	14.3476	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.4062	14.4098	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.5081	14.5127	0.0000	0.0000	0	0.00		
			<u>153,458</u>					<u>643.00</u>	<u>8,485,478.10</u>	<u>10 464 344.00</u>	<u>127 556 417 079.40</u>
Option											
Jul 2018	DAUS	13.40 Put	20,000	175.9951	197.5377	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.00 Put	500	26.8495	31.4965	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.50 Call	500	20.8830	26.6431	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	575.8440	577.5386	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	0.0120	0.0137	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	0.0553	0.0608	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	1.5728	1.6895	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	631.7892	635.4454	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	0.0434	0.0658	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.18 Put	350	144.8294	0.0000	0.0000	0.0000	350	0.00		
Aug 2018	DAUS	13.22 Call	350	198.0813	0.0000	0.0000	0.0000	350	0.00		
Aug 2018	DAUS	13.43 Put	106	291.8477	300.3777	0.0000	0.0000	0	0.00		

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Aug 2018	DAUS	13.55 Call	106	83.6582	91.5680	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.21 Put	50,000	187.5433	196.1256	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	122.5690	129.0728	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	123.4271	131.2022	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	611.0926	618.1125	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	0.8269	1.0125	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	0.8837	1.0466	0.0000	0.0000	0	0.00
Sep 2018	DAUS	12.90 Put	100	105.4308	111.0216	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.09 Put	600	172.2461	179.4296	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.32 Call	600	256.5489	264.8091	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.45 Call	100	206.8092	215.0480	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Call	100	113.3413	120.5080	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.90 Call	600	95.1595	101.8666	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	283.9685	292.2689	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	178.2091	184.7125	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	179.4943	187.1632	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	644.7426	652.8633	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	5.3095	5.9485	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	2.7682	3.2866	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.51 Call	5,000	303.9468	312.6256	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.20 Put	1,630	301.0557	310.1181	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.00 Call	1,630	191.6000	199.6554	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	228.1138	235.9514	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	679.3919	688.8133	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	231.4674	239.9077	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	13.6869	14.9214	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	5.6600	6.2384	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	23.2309	25.3481	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	726.7824	736.1486	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	8.9366	9.7864	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	5.2660	5.4087	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	19.3623	20.8050	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	538.7750	546.8988	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	263.1971	270.6131	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	705.8736	715.2553	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	266.7979	275.2510	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	27.9114	30.2097	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	17.6608	19.4212	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	614.4287	623.7140	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	75.0140	79.2473	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	372.5993	380.7780	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	421.8251	430.3830	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	14.66 Call	1,000	196.8616	204.1069	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.75 Call	1,000	183.5071	190.5029	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.00 Put	500	291.1655	298.3696	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	726.2581	735.5358	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.22 Call	500	298.6928	307.2205	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	42.3899	45.3813	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	29.8838	32.3011	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	12.66 Put	263	189.9743	196.0222	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	318.2929	325.5614	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	14.38 Call	500	324.8683	333.8432	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	340.9334	347.7521	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	350.3826	358.7721	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.00 Put	500	361.9527	368.3804	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.67 Call	500	373.4114	381.4946	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	3,000	382.1144	387.5361	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	821.5035	826.9849	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	395.1894	402.1768	0.0000	0.0000	0	0.00		
May 2019	DAUS	13.00 Put	500	402.2388	407.0581	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	414.4947	421.3612	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	418.5057	422.8560	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	429.1690	436.0857	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.45 Put	39,250	631.1444	636.6226	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.44 Call	39,250	246.8484	251.9572	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	436.5193	440.4187	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	448.5934	455.5194	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	453.8560	457.3834	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	466.1433	473.0107	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	469.2972	472.5647	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	487.6014	494.3891	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	484.2265	486.9349	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	503.9289	510.6749	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	496.7610	499.1671	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	522.1153	528.8501	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	508.9616	511.0606	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	540.3905	547.1407	0.0000	0.0000	0	0.00		
			<u>404,062</u>					<u>700.00</u>	<u>0.00</u>	<u>19 385 367.00</u>	<u>0.00</u>
		Total	557,520					1,343.00	8,485,478.10	29 849 711.00	127 556 417 079.40
Option											
Aug 2018	DAYJ	8.07 Put	13,000	616.1685	0.0000	0.0000	0.0000	13,000	0.00		
Aug 2018	DAYJ	8.27 Call	13,000	2041.5896	0.0000	0.0000	0.0000	26,000	0.00		
			<u>26,000</u>					<u>39,000.00</u>	<u>0.00</u>	<u>26 000.00</u>	<u>0.00</u>

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		Total	26,000					39,000.00	0.00	26 000.00	0.00
Future											
	Sep 2018	EUUS	Future	150	1.1700	1.1721	1.1782	1.1782	30	353,460.00	
				150					30.00	353,460.00	729 494.00
			Total	150					30.00	353,460.00	8 270 927 672.00
Future											
	Sep 2018	GBUS	Future	8	1.3171	1.3172	0.0000	0.0000	0	0.00	
				8					0.00	0.00	167 347.00
			Total	8					0.00	0.00	2 152 897 346.00
Future											
	Sep 2018	ZAAD	Future	12,322	9.8364	9.8588	0.0000	0.0000	0	0.00	
	Dec 2018	ZAAD	Future	11,417	9.9530	9.9756	0.0000	0.0000	0	0.00	
	Jun 2019	ZAAD	Future	4,929	10.2041	10.2254	0.0000	0.0000	0	0.00	
				28,668					0.00	0.00	3 685 079.00
			Total	28,668					0.00	0.00	32 004 466 141.90
Future											
	Dec 2018	ZACA	Future	595	10.3102	10.2817	0.0000	0.0000	0	0.00	
				595					0.00	0.00	136 818.00
			Total	595					0.00	0.00	1 346 285 406.10
Future											
	Sep 2018	ZADK	Future	245	2.0927	2.0967	0.0000	0.0000	0	0.00	
	Dec 2018	ZADK	Future	15	2.1319	2.1360	0.0000	0.0000	0	0.00	
				260					0.00	0.00	11 835.00
			Total	260					0.00	0.00	254 651 919.00
Future											
	Sep 2018	ZAEU	Future	133,571	15.5735	15.6008	15.6222	15.5650	144	2,248,902.80	
	Dec 2018	ZAEU	Future	28,602	15.8585	15.8858	0.0000	0.0000	0	0.00	
	Mar 2019	ZAEU	Future	4,808	16.1768	16.2035	0.0000	0.0000	0	0.00	
	Jun 2019	ZAEU	Future	5,256	16.4814	16.5083	0.0000	0.0000	0	0.00	
				172,237					144.00	2,248,902.80	15 083 288.00
											215 492 384 166.90
Option											
	Sep 2018	ZAEU	13.50 Put	29,734	3.4948	3.4836	0.0000	0.0000	0	0.00	
	Sep 2018	ZAEU	14.25 Put	57,090	16.5847	15.3130	0.0000	0.0000	0	0.00	
	Sep 2018	ZAEU	15.85 Put	86,824	499.0262	490.3864	0.0000	0.0000	0	0.00	
	Sep 2018	ZAEU	16.76 Call	29,734	57.3920	66.0644	0.0000	0.0000	0	0.00	

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Sep 2018	ZAEU	19.56 Call	86,824	2.6952	3.0417	0.0000	0.0000	0	0.00	
			290,206					0.00	0.00	8 023 712.00
		Total	462,443					144.00	2,248,902.80	23 107 000.00
										215 492 384 166.90
Future										
Sep 2018	ZAFR	Future	1,575	13.4494	13.4552	0.0000	0.0000	0	0.00	
Dec 2018	ZAFR	Future	400	13.7081	13.7134	0.0000	0.0000	0	0.00	
Jun 2019	ZAFR	Future	150	14.2755	14.2810	0.0000	0.0000	0	0.00	
			2,125					0.00	0.00	614 653.00
		Total	2,125					0.00	0.00	614 653.00
										6 579 733 890.30
Future										
Sep 2018	ZAGB	Future	227,319	17.5320	17.5328	17.5500	17.5150	727	12,737,127.60	
Dec 2018	ZAGB	Future	10,605	17.7994	17.7996	17.8327	17.7915	650	11,580,036.00	
Mar 2019	ZAGB	Future	4,932	18.0929	18.0919	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	6,156	18.3689	18.3687	0.0000	0.0000	0	0.00	
Sep 2019	ZAGB	Future	895	18.6781	18.6798	0.0000	0.0000	0	0.00	
			249,907					1,377.00	24,317,163.60	11 926 256.00
		Total	249,907					1,377.00	24,317,163.60	13 700 369.00
										200 803 621 308.30
Future										
Sep 2018	ZAJY	Future	115	0.1202	0.1203	0.0000	0.0000	0	0.00	
			115					0.00	0.00	993 919.00
		Total	115					0.00	0.00	993 919.00
										11 089 418 491.40
Future										
Sep 2018	ZAKS	Future	562	0.1313	0.1314	0.0000	0.0000	0	0.00	
Jun 2019	ZAKS	Future	1,093	0.1299	0.1274	0.0000	0.0000	0	0.00	
			1,655					0.00	0.00	35 358.00
		Total	1,655					0.00	0.00	35 358.00
										476 333 960.00
Future										
Sep 2018	ZATR	Future	1,500	2.6970	2.6935	0.0000	0.0000	0	0.00	
			1,500					0.00	0.00	305 729.00
		Total	1,500					0.00	0.00	305 729.00
										1 053 112 090.00
Future										
Sep 2018	ZAUM	Future	345	13.3108	13.3105	13.2693	13.2693	5	6,634,650.00	
Dec 2018	ZAUM	Future	20	13.4610	13.4605	13.4247	13.4247	5	6,712,350.00	
Mar 2019	ZAUM	Future	5	13.6201	13.6190	0.0000	0.0000	0	0.00	
			370					10.00	13,347,000.00	152 056.00
										175 430 935 620.00

<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>		
Total			370					10.00	13,347,000.00	156 579.00	175 430 935 620.00
Future											
Sep 2018	ZAUS	Future	444,305	13.3108	13.3105	13.3447	13.2236	89,151	1,181,757,221.10		
Dec 2018	ZAUS	Future	66,738	13.4610	13.4605	13.4815	13.4815	1,668	22,368,945.10		
Mar 2019	ZAUS	Future	7,820	13.6201	13.6190	0.0000	0.0000	2,600	35,304,880.00		
Jun 2019	ZAUS	Future	15,910	13.7684	13.7677	0.0000	0.0000	0	0.00		
			534,773					93,419.00	1,239,431,046.20	179 296 142.00	2 124 036 347 443.50
Option											
Sep 2018	ZAUS	11.48 Put	5,200	2.4950	2.5362	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.50 Put	45,000	2.5979	2.6326	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.60 Put	2,000	3.1847	3.1793	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	93,314	4.3474	4.2487	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.85 Put	48,200	5.3719	5.1805	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.90 Put	3,000	5.9790	5.7295	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.00 Put	13,300	7.9936	7.7186	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.25 Call	500	1079.6242	1079.6505	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.25 Put	40,000	18.8242	19.1505	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.30 Put	100	22.0961	22.6482	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.38 Put	60,000	28.3401	29.3449	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Call	4,600	851.2617	852.8808	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Put	44,000	40.4617	42.3808	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.58 Put	8,000	50.7254	53.4204	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	13,231	55.0866	58.1052	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	61.3798	64.8589	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.77 Call	5,200	628.0807	632.2443	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.80 Call	50	605.6111	610.0298	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.80 Put	500	94.8111	99.5298	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	108.3567	113.4984	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.00 Call	7,500	467.5945	473.6817	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.00 Put	72,000	156.7945	163.1817	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.10 Put	2,500	195.8673	203.0146	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.20 Call	4,000	351.2864	358.7980	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.20 Put	4,000	240.4864	248.2980	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.22 Put	26,000	250.0769	258.0070	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Call	1,250	325.6763	333.4725	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Put	74,064	264.8763	272.9725	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.30 Call	500	301.4353	309.4867	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.50 Call	2,000	224.1268	232.2078	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.60 Call	26,000	192.6174	200.5394	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.60 Put	4,000	481.8174	490.0394	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	178.4559	186.2603	0.0000	0.0000	0	0.00		

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Sep 2018	ZAUS	14.00 Call	60,000	103.7495	110.2821	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	1,500	792.9495	799.7821	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.20 Call	500	75.5546	81.1085	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.70 Call	63,000	33.8447	37.2345	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Call	4,000	18.6976	20.9793	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	2.5003	2.9974	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	2.4361	2.9141	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	2.3547	2.8080	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	2.2522	2.6733	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	27.0266	28.1872	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	230,784	32.0463	33.6455	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	40.3319	42.6759	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	46.9422	49.8865	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	48.3820	51.4557	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	54.5821	58.2154	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	67.9447	72.0072	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	75.4871	79.7614	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	98.0018	102.8178	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	230,784	1083.8066	1088.5899	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	122.8066	128.0899	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	154.3973	160.1401	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	167.9245	173.8263	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	188.1883	194.2992	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	738.8230	745.6270	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	175,030	277.8230	285.1270	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	320.2215	328.0067	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	627.1219	634.8460	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	375.7188	384.0252	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	601.3735	609.2947	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	27,800	390.3735	398.7947	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	495.7937	504.8956	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	230,784	486.0932	494.7667	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	525.0932	534.2667	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	649.9618	659.2848	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.71 Put	30	656.5138	665.8382	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	384.1430	392.9711	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Put	100	703.1430	712.4711	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	709.9111	719.2403	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	377.7091	386.5357	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	332.7386	341.4922	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	16,130	318.9718	327.6849	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	285.8826	294.4165	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	14.33 Call	100	242.0413	250.0622	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.38 Call	30	232.2361	240.1216	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	221.0299	228.7504	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	193.9194	201.1829	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	192.3500	199.5829	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	190.7947	197.9995	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	178.8406	185.8154	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	171.7928	178.6246	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	159.5051	166.0793	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	20,100	139.1791	145.3007	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	138.0026	144.0976	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	128.9665	134.8389	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	122.6034	128.3127	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	93.1540	98.0038	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	77.8643	82.1931	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	6.5169	6.2716	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	59.0602	60.1273	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	99.1191	102.0705	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	181.3705	186.4946	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	739.9862	747.1329	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	575.2881	583.5679	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	744.2347	753.2184	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	814.0188	823.1699	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	500	438.3737	446.7821	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	394.0634	402.4054	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	298.7032	306.6422	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	221.8994	228.8432	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	210.2997	217.0616	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	10.4126	9.9378	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	183.0339	185.3416	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	319.6400	323.5981	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	402.3930	406.8882	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	516.6548	521.9155	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	838.4888	845.3462	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.88 Put	12,450	869.2396	876.1863	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	535.7662	542.7303	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	478.0968	485.0792	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.55 Call	25,000	338.2116	344.5613	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.62 Call	12,450	327.1270	333.3746	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	300.4903	306.4755	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	284.1287	289.9378	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	16.5179	17.5035	0.0000	0.0000	0	0.00

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Sep 2019	ZAUS	12.50 Put	1,000	287.5846	289.7810	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	15.87 Call	1,000	431.3879	437.9650	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	155.1412	158.7317	0.0000	0.0000	0	0.00
			<u>2,737,291</u>					<i>0.00</i>	<i>0.00</i>
	Total		3,272,064					93,419.00	1,239,431,046.20
								230 537 174.00	2 124 036 347 443.50

Grand Total	4,628,461						135,323.00	1 288 183 050.70	315,278,816	2,962,087,395,369.22
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