



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 16-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Apr 2018	DAEU	Future	16	14.9781	14.9348	0.0000	0.0000	0	0.00		
May 2018	DAEU	Future	41	15.0499	15.0059	0.0000	0.0000	0	0.00		
			<u>57</u>					<u>0.00</u>	<u>0.00</u>	<u>790 883.00</u>	<u>11 804 363 950.70</u>
	Total		57					0.00	0.00	1 737 670.00	11 804 363 950.70
Future											
Apr 2018	DAGB	Future	9	17.3363	17.2630	0.0000	0.0000	0	0.00		
May 2018	DAGB	Future	11	17.3826	17.3090	0.0000	0.0000	0	0.00		
			<u>20</u>					<u>0.00</u>	<u>0.00</u>	<u>53 724.00</u>	<u>881 424 413.00</u>
	Total		20					0.00	0.00	261 037.00	881 424 413.00
Future											
Apr 2018	DAUS	Future	0	12.0675	12.0841	0.0000	0.0000	192	2,316,960.00		
Apr 2018	DAUS	Future	1,551	12.0767	12.0842	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	12.0853	12.0942	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	1,846	12.0887	12.0975	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	396	12.0953	12.1040	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	46,000	12.1069	12.1155	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.1135	12.1221	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.1452	12.1540	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	1,790	12.1901	12.1990	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.1948	12.2036	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.2228	12.2307	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.2289	12.2368	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.2304	12.2383	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	12.2335	12.2414	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,303	12.2396	12.2474	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.2595	12.2672	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,666	12.2870	12.2945	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.3299	12.3370	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>		
Oct 2018	DAUS	Future	70	12.3709	12.3779	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.3769	12.3839	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.3799	12.3869	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.3994	12.4065	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.5361	12.5439	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.5974	12.6058	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.3849	13.3943	0.0000	0.0000	0	0.00		
			<u>149,332</u>					<u>192.00</u>	<u>2,316,960.00</u>	<u>9 243 381.00</u>	<u>112 068 247 645.90</u>

Option

Apr 2018	DAUS	12.03 Put	20,000	44.5591	57.0196	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2912.9744	2904.2564	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.3474	1.0618	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	13.7090	16.3539	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	19.5845	23.1905	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	21.9904	25.9522	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	32.5728	37.8838	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	261.6050	276.0185	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	230.1677	245.3824	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	207.6434	223.4369	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	84.8576	93.4672	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	106.0517	123.7279	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	101.6529	119.0945	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1704.7895	1696.1590	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.0000	0.1420	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.0000	0.3037	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	4.5428	4.8535	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	327.0221	339.1035	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	17.9604	26.9777	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	72.3730	85.9251	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	195.4548	209.3842	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	138.5373	153.2698	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	644.7562	640.9616	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1750.2099	1741.8211	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.0949	0.0820	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	653.3975	649.7222	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2381.7817	2373.2299	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.0984	0.2193	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	1.2065	1.3557	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	26.9459	30.4746	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	130.8930	142.5894	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	116.5571	120.9758	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1658.8616	1650.9704	0.0000	0.0000	0	0.00

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May 2018	DAUS	15.43 Call	500	0.7834	0.9090	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	0.7335	0.8305	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.80 Call	1,746	62.8687	69.3512	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	1626.6865	1619.9982	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	2.1801	2.4992	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	1.3095	1.5066	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	223.3225	228.3292	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	30.8037	34.6806	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	23.8552	27.3392	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	2235.5091	2229.4214	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	2.2623	2.5033	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1603.9628	1599.7250	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	2.8695	3.1918	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	1.1988	1.3488	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	390.5795	394.0157	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1656.0980	1651.6707	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	1.7411	1.9462	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1587.1042	1583.2080	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	3.3771	3.6918	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	1.3391	1.4857	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1573.8704	1570.2324	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	4.7152	5.1001	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	1.9571	2.1446	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1562.5902	1559.4109	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	13.1603	13.4832	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	6.7530	6.9390	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	254.1059	255.9174	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1613.4183	1610.2653	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	9.9477	10.2109	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	40.0920	40.8501	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	182.3789	184.1838	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	259.6335	265.5957	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1555.8056	1553.3909	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	19.0883	19.4284	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	9.9959	10.1942	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1427.1296	1424.9993	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	50.0037	51.2200	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1548.6544	1547.0240	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	23.7273	24.5159	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	12.6833	13.1657	0.0000	0.0000	0	0.00		
			<u>575,126</u>					<u>0.00</u>	<u>0.00</u>	<u>18 194 867.00</u>	<u>0.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
Total			724,458					192.00	2,316,960.00	27 438 248.00	112 068 247 645.90	
Option												
	May 2018	DAYJ	8.94 Call	100,000	718.1133	861.1844	0.0000	0.0000	0	0.00		
	Jun 2018	DAYJ	8.34 Put	110,000	978.7362	973.3818	0.0000	0.0000	0	0.00		
				210,000					0.00	0.00	200 000.00	0.00
	Total		210,000						0.00	0.00	200 000.00	0.00
Future												
	Jun 2018	EUUS	Future	190	1.2428	1.2382	0.0000	0.0000	0	0.00		
				190					0.00	0.00	703 628.00	7 967 376 542.00
	Total		190						0.00	0.00	703 628.00	7 967 376 542.00
Future												
	Sep 2018	JYZA	Future	283	8.6179	8.6370	0.0000	0.0000	0	0.00		
				283					0.00	0.00	18 783.00	186 145 988.86
Option												
	Jun 2018	JYZA	8.89 Put	1,200	2684.4075	2622.5243	0.0000	0.0000	0	0.00		
				1,200					0.00	0.00	25 800.00	0.00
	Total		1,483						0.00	0.00	44 583.00	186 145 988.86
Future												
	Jun 2018	ZAAD	Future	12,044	9.4674	9.4841	9.4662	9.4553	650	6,148,405.00		
	Sep 2018	ZAAD	Future	850	9.5816	9.5972	9.5691	9.5691	100	956,910.00		
	Dec 2018	ZAAD	Future	11,312	9.6928	9.7086	0.0000	0.0000	0	0.00		
				24,206					750.00	7,105,315.00	3 605 686.00	31 217 627 722.30
	Total		24,206						750.00	7,105,315.00	3 638 063.00	31 217 627 722.30
Future												
	Jun 2018	ZACA	Future	1,520	9.6916	9.6929	0.0000	0.0000	0	0.00		
				1,520					0.00	0.00	131 163.00	1 288 630 167.10
	Total		1,520						0.00	0.00	131 163.00	1 288 630 167.10
Future												
	Jun 2018	ZAEU	Future	114,581	15.1280	15.0849	15.1500	15.0809	4,257	64,338,375.20		
	Sep 2018	ZAEU	Future	57,137	15.4144	15.3689	15.3857	15.3739	775	11,920,672.50		
	Dec 2018	ZAEU	Future	4,549	15.6958	15.6483	0.0000	0.0000	0	0.00		
	Mar 2019	ZAEU	Future	2,625	16.0083	15.9605	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.2674	16.2189	0.0000	0.0000	0	0.00		
				184,148					5,032.00	76,259,047.70	14 418 842.00	205 205 783 919.00
Option												

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Jun 2018	ZAEU	13.50 Put	29,734	5.7361	6.7147	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	50,995	10.2446	12.0571	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.97 Put	6,460	17.2420	20.7587	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.25 Put	29,734	33.2108	40.5799	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.30 Call	10,000	865.2893	830.5052	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.40 Call	10,000	774.9359	744.6783	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.00 Call	3,000	353.4342	340.3938	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	50,995	360.8205	398.1325	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.63 Call	29,734	129.9810	128.9645	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.00 Call	3,000	69.8347	70.2758	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.44 Put	6,460	1343.5287	1387.7891	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	6,460	2.0899	2.5429	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	50,995	0.5677	0.6241	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	13.50 Put	29,734	17.0380	20.0120	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,824	70.5898	84.2826	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	763.6772	803.9092	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	145.4971	144.3802	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	15.4782	16.1570	0.0000	0.0000	0	0.00
			<u>607,507</u>					0.00	0.00
		Total	791,655					5,032.00	76,259,047.70
									22 336 111.00
									205 205 783 919.00
Future									
Jun 2018	ZAFR	Future	1,215	12.7474	12.7287	0.0000	0.0000	0	0.00
			<u>1,215</u>					0.00	0.00
		Total	1,215					0.00	0.00
									609 303.00
									6 506 705 521.30
Future									
Jun 2018	ZAGB	Future	187,582	17.4814	17.4086	17.5000	17.3905	1,768	30,832,718.00
Sep 2018	ZAGB	Future	18,494	17.7540	17.6772	17.7190	17.6893	600	10,616,550.00
Dec 2018	ZAGB	Future	5,393	18.0174	17.9390	0.0000	0.0000	0	0.00
Mar 2019	ZAGB	Future	3,129	18.3005	18.2221	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	5,465	18.5725	18.4924	0.0000	0.0000	0	0.00
			<u>220,063</u>					2,368.00	41,449,268.00
									10 458 553.00
									175 016 673 423.00
Option									
Jun 2018	ZAGB	17.50 Put	500	398.5641	450.7634	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	8.3688	8.6754	0.0000	0.0000	0	0.00
			<u>1,000</u>					0.00	0.00
		Total	221,063					2,368.00	41,449,268.00
									12 232 666.00
									175 016 673 423.00
Future									
Jun 2018	ZAJY	Future	8,296	0.1139	0.1137	0.0000	0.0000	0	0.00

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			8,296					0.00	0.00	978 643.00	10 906 872 238.10
		Total	8,296					0.00	0.00	978 643.00	10 906 872 238.10
Future											
	Jun 2018 ZAKS	Future	1,145	0.1198	0.1196	0.0000	0.0000	0	0.00		
	Sep 2018 ZAKS	Future	562	0.1193	0.1192	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											
	Jun 2018 ZATR	Future	12,120	2.9044	2.9233	0.0000	0.0000	0	0.00		
			12,120					0.00	0.00	250 309.00	896 989 419.50
		Total	12,120					0.00	0.00	250 309.00	896 989 419.50
Future											
	Jun 2018 ZAUM	Future	385	12.1730	12.1825	12.1651	12.1601	4	4,865,040.00		
	Sep 2018 ZAUM	Future	50	12.3130	12.3203	12.2993	12.2993	1	1,229,930.00		
	Dec 2018 ZAUM	Future	28	12.4457	12.4530	0.0000	0.0000	0	0.00		
			463					5.00	6,094,970.00	149 283.00	171 848 891 190.00
		Total	463					5.00	6,094,970.00	153 806.00	171 848 891 190.00
Future											
	Jun 2018 ZAUS	Future	900,490	12.1730	12.1825	12.2050	12.1480	29,822	363,023,069.10		
	Sep 2018 ZAUS	Future	53,694	12.3130	12.3203	12.2993	12.2993	250	3,074,825.00		
	Dec 2018 ZAUS	Future	21,666	12.4457	12.4530	12.4629	12.4629	5	62,314.50		
	Mar 2019 ZAUS	Future	2,515	12.5843	12.5926	0.0000	0.0000	0	0.00		
	Jun 2019 ZAUS	Future	3,087	12.7187	12.7280	0.0000	0.0000	0	0.00		
			981,452					30,077.00	366,160,208.60	171 236 529.00	2 018 239 497 603.90
Option											
	Jun 2018 ZAUS	11.00 Put	60,750	6.5505	5.9349	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.20 Put	2,550	13.5114	13.4593	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.35 Call	10,000	845.5176	856.0373	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.45 Call	10,000	754.1539	765.8063	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.50 Put	30,216	36.4659	39.3260	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.60 Put	12,000	51.0678	54.0360	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.70 Call	60	544.8193	557.8452	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.75 Put	60,000	84.2111	87.9954	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.77 Put	76,000	89.5678	93.4478	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.80 Put	1,500	98.0425	102.0585	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	11.90 Put	9,500	130.2411	134.6310	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUS	12.00 Call	3,000	341.7622	355.8638	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>
Jun 2018	ZAUS	12.00 Put	39,050	168.7622	173.3638	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	194.9854	199.6220	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	223.5493	228.1497	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.13 Call	500	271.5365	285.6239	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	233.5901	238.1625	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	238.7061	243.2613	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	297.0085	299.2672	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	201.4253	212.8136	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	328.4253	330.3136	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	395.4338	396.5109	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	153.8695	164.0162	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	10,050	140.4871	150.1960	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	467.4871	467.6960	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	665.7014	663.7160	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	846.6076	843.0198	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	55.2596	60.8611	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	882.2596	878.3611	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	927.2717	923.0011	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1037.0914	1032.0039	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1064.8949	1059.6195	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	1158.4323	1152.5798	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	28.6432	32.0286	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1309.5543	1303.2903	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1328.5893	1322.2250	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1347.6640	1341.2013	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1482.1779	1475.0982	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1588.8874	1581.4001	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1637.6333	1629.9810	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1647.3987	1639.7150	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1666.9441	1659.1988	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1676.7245	1668.9488	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1735.5027	1727.5560	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	6.7945	8.0966	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1833.7945	1825.5966	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1932.4277	1924.0160	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2080.8745	2072.2026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	2.0688	2.5611	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	1.7247	1.9440	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	1.6903	1.8962	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	1.6243	1.7980	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.6203	1.7913	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.6116	1.7758	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.30 Call	24,500	1.6057	1.7635	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.6013	1.7497	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.6013	1.7451	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	1.6019	1.7438	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.6182	1.7451	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.7591	0.9277	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.4713	0.5842	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.4413	0.5481	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.3699	0.4619	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.3461	0.4330	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.2589	0.3268	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1402	0.1803	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1166	0.1507	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0714	0.0937	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0477	0.0634	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	95.9713	98.0452	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	100.3045	102.4068	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	124.0733	126.2988	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	167.3207	169.6643	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	202.0204	204.3994	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	261.8722	264.2111	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	445.3034	0.0000	0.0000	0.0000	500	0.00
Sep 2018	ZAUS	12.30 Put	100	409.4024	411.3186	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	1,600	344.9698	353.4570	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	605.3410	606.0844	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	632.9873	633.5609	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	261.7885	269.1531	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	253.8762	261.1140	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	778.2246	777.9468	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	160.5403	165.9468	0.0000	0.0000	2,500	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1097.5403	1095.6468	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	152.6690	157.8887	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	125.1181	129.6305	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	107.1066	111.1169	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	4.8472	5.2212	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	4.3007	4.6411	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	3.6375	3.9346	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	2.8208	3.0621	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	189.7692	191.8493	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	523.4275	532.0569	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	358.2771	365.4161	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,000	308.6999	315.2099	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	13.80	Call	2,764	199.0107	203.7685	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89	Call	1,000	87.4455	89.8634	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95	Call	2,000	44.6093	45.6067	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33	Put	1,000	22.7786	23.5479	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74	Put	1,000	267.2061	270.5718	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06	Put	4,145	390.0567	393.3267	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45	Call	4,145	391.9216	400.2422	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48	Call	1,000	212.2831	217.8157	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00	Call	2,000	60.6196	63.4289	0.0000	0.0000	0	0.00
				<u>1,683,206</u>					<u>3,000.00</u>	<u>0.00</u>
	Total			<u>2,664,658</u>					<u>33,077.00</u>	<u>366,160,208.60</u>
										<u>47 444 177.00</u>
										<u>218 680 706.00</u>
										<u>2 018 239 497 603.90</u>

Grand Total	4,663,111						41,424.00	499 385 769.30	298,022,345	2,799,347,057,436.48
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