



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 16-November-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Nov 2017	DAEU	Future	800	16.7944	17.0494	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	3	16.8148	17.0700	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	16.9033	17.1613	0.0000	0.0000	0	0.00		
			<u>1,603</u>					<u>0.00</u>	<u>0.00</u>	<u>247 808.00</u>	<u>3 574 731 342.30</u>
Option											
Jan 2018	DAEU	15.80 Put	193,000	106.3225	67.7826	0.0000	0.0000	0	0.00		
Feb 2018	DAEU	16.41 Put	114,748	290.5195	214.1238	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		309,351					0.00	0.00	880 055.00	3 574 731 342.30
Future											
Dec 2017	DAGB	Future	10	18.8689	19.0441	0.0000	0.0000	0	0.00		
Jan 2018	DAGB	Future	10	19.0499	19.2283	0.0000	0.0000	0	0.00		
			<u>20</u>					<u>0.00</u>	<u>0.00</u>	<u>53 498.00</u>	<u>877 483 205.50</u>
Option											
Dec 2017	DAGB	19.19 Call	15,200	142.5981	200.4183	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	260 811.00	877 483 205.50
Future											
Nov 2017	DAUS	Future	238	14.2368	14.3938	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	300	14.2377	14.4056	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	14.2486	14.4176	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	14.2533	14.4224	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	24	14.2627	14.4320	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	241	14.2862	14.4561	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,781	14.2886	14.4585	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	916	14.3168	14.4872	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	677	14.3355	14.5062	0.0000	0.0000	436	6,263,358.00		
Jan 2018	DAUS	Future	500	14.3496	14.5205	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Jan 2018	DAUS	Future	241	14.3543	14.5253	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	300	14.3637	14.5348	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.3684	14.5396	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	70	14.3848	14.5566	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	84	14.3988	14.5712	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	14.4291	14.6027	0.0000	0.0000	0	0.00
Mar 2018	DAUS	Future	127	14.5298	14.6060	0.0000	0.0000	127	1,854,962.00
Apr 2018	DAUS	Future	70	14.5892	14.7644	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	110	14.6029	14.7782	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	14.6280	14.8035	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	14.6737	14.8502	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	445	14.7402	14.9183	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	14.7471	14.9254	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	14.7884	14.9676	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	14.7998	14.9794	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,853	14.8136	14.9935	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	14.8434	15.0240	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,336	14.8852	15.0669	0.0000	0.0000	1,540	22,998,668.00
Sep 2018	DAUS	Future	1,295	14.9507	15.1338	0.0000	0.0000	1,680	25,199,160.00
Oct 2018	DAUS	Future	70	15.0138	15.1983	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	15.0232	15.0675	0.0000	0.0000	450	6,780,375.00
Nov 2018	DAUS	Future	70	15.0582	15.2437	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	15.2909	15.4814	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	16.7252	16.9742	0.0000	0.0000	0	0.00
			<u>102,343</u>					<u>4,233.00</u>	<u>63,096,523.00</u>
									<u>6 884 242.00</u>
									<u>83 416 960 153.00</u>

Option

Nov 2017	DAUS	14.17 Call	10,000	158.2750	286.5327	0.0000	0.0000	0	0.00
Nov 2017	DAUS	14.54 Call	300	60.0781	122.1408	0.0000	0.0000	0	0.00
Nov 2017	DAUS	14.70 Call	50	33.4226	75.9948	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	5.6909	4.4417	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	0.1297	0.1287	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	1.2097	1.0560	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	63.3193	38.8047	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	3.2292	2.9142	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.50 Call	150	296.3574	364.3585	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.80 Call	200	202.0323	251.1041	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	51.0700	36.2574	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	259.2231	321.9070	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	225.5597	281.5978	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	85.5132	66.5272	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	88.7886	69.1746	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	93.8778	73.2984	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>
Jan 2018	DAUS	13.40 Put	168,000	112.4561	88.4373	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	27.9689	24.3121	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	57.3354	46.1036	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	71.4975	55.4393	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	220.7737	271.5874	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	164.4711	204.1317	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	126.0878	157.6865	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	115.2176	144.6720	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	223.5169	181.3729	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	271.2156	222.4849	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Call	0	634.3232	0.0000	0.0000	0.0000	3,200	0.00
Feb 2018	DAUS	14.20 Put	20,000	398.2232	0.0000	0.0000	0.0000	23,200	0.00
Feb 2018	DAUS	14.18 Put	90,000	402.6737	340.3389	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.50 Put	100,000	163.6210	134.9529	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	141.7273	116.3947	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	925.0867	824.3657	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	309.6747	357.0538	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	304.6739	259.8340	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	458.3064	524.8190	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	351.1246	403.0293	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	82.5865	67.6516	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	630.9330	552.9061	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	361.8240	412.7534	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	329.9041	284.1007	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	482.2250	546.6410	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	374.3047	424.8488	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	353.0734	306.3254	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	504.4205	567.1774	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	396.1230	446.4454	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	525.3601	461.8293	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	651.8590	577.5016	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	536.8422	600.5682	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	483.5502	541.5403	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	374.3952	326.9117	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	527.8482	589.0484	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	418.7413	468.6821	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	394.4327	346.3158	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	541.8342	602.0200	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	432.0390	482.9320	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	409.8416	361.9684	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	555.2889	614.8831	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	442.1598	493.0991	0.0000	0.0000	0	0.00

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Oct 2018	DAUS	13.80 Put	1,000	426.1504	378.1720	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	16.47 Call	500	573.6526	633.0081	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	17.02 Call	500	462.9553	513.9036	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	13.80 Put	1,000	441.1897	393.2265	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	16.70 Call	500	588.5839	648.6991	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	17.31 Call	500	471.6008	522.5552	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.80 Put	1,000	455.2662	407.2229	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	16.93 Call	500	610.8609	671.2322	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	17.58 Call	500	491.1665	541.8974	0.0000	0.0000	0	0.00	
			<u>1,155,788</u>					<u>26,400.00</u>	<u>0.00</u>	<u>14 828 350.00</u>
		Total	1,258,131					30,633.00	63,096,523.00	21 712 592.00
										83 416 960 153.00
Future										
Dec 2017	EUUS	Future	30	1.1799	1.1838	0.0000	0.0000	0	0.00	
			<u>30</u>					<u>0.00</u>	<u>0.00</u>	<u>649 030.00</u>
		Total	30					0.00	0.00	649 030.00
										7 292 373 935.00
Future										
Dec 2017	ZAAD	Future	10,057	10.8574	10.9807	10.9027	10.9027	5	54,513.50	
Mar 2018	ZAAD	Future	1,650	11.0116	11.1382	0.0000	0.0000	0	0.00	
Jun 2018	ZAAD	Future	300	11.1662	11.2944	0.0000	0.0000	0	0.00	
			<u>12,007</u>					<u>5.00</u>	<u>54,513.50</u>	<u>3 400 752.00</u>
		Total	12,007					5.00	54,513.50	3 433 129.00
										29 150 869 592.50
Future										
Dec 2017	ZACA	Future	1,000	11.2124	11.3245	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	121 953.00
										1 198 148 597.10
Future										
Dec 2017	ZADK	Future	1,250	2.2689	2.3027	0.0000	0.0000	0	0.00	
			<u>1,250</u>					<u>0.00</u>	<u>0.00</u>	<u>9 820.00</u>
		Total	1,250					0.00	0.00	9 820.00
										211 287 109.00
Future										
Dec 2017	ZAEU	Future	110,131	16.8675	17.1240	17.0228	16.8649	2,816	47,560,012.70	
Mar 2018	ZAEU	Future	14,603	17.2181	17.4822	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	Future	796	17.5681	17.8373	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	Future	4,679	17.9297	18.2068	0.0000	0.0000	0	0.00	
			<u>130,209</u>					<u>2,816.00</u>	<u>47,560,012.70</u>	<u>12 776 081.00</u>
										180 002 788 438.70
Option										

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Dec 2017	ZAEU	14.00 Put	18,000	1.2444	0.4993	0.0000	0.0000	0	0.00
Dec 2017	ZAEU	16.39 Call	18,000	631.3912	807.1408	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	15.05 Put	5,648	59.9811	46.2630	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	15.10 Put	19,510	63.3863	48.8840	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	16.39 Put	174,600	300.6019	227.0245	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	16.50 Call	643	1057.9694	1239.7733	0.0000	0.0000	0	0.00
Mar 2018	ZAEU	17.00 Call	620	775.1871	921.9979	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	54,507	22.6219	21.1054	0.0000	0.0000	54	0.00
Jun 2018	ZAEU	13.97 Put	7,000	25.1502	23.4323	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	54,507	116.4165	90.4705	0.0000	0.0000	54	0.00
Jun 2018	ZAEU	16.44 Put	7,000	373.7824	301.9398	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	7,000	536.5804	621.0017	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	54,507	214.3076	250.7915	0.0000	0.0000	54	0.00
Sep 2018	ZAEU	14.25 Put	41,516	54.1600	47.6856	0.0000	0.0000	82	0.00
Sep 2018	ZAEU	16.00 Put	41,516	286.8559	236.5084	0.0000	0.0000	82	0.00
Sep 2018	ZAEU	21.63 Call	41,516	276.7660	312.3271	0.0000	0.0000	82	0.00
			<u>546,090</u>					<u>408.00</u>	<u>0.00</u>
									<u>6 002 880.00</u>
									<u>180 002 788 438.70</u>
		Total	676,299					3,224.00	47,560,012.70
									18 778 961.00
									180 002 788 438.70
Future									
Dec 2017	ZAFR	Future	1,502	14.4578	14.7010	0.0000	0.0000	0	0.00
			<u>1,502</u>					<u>0.00</u>	<u>0.00</u>
		Total	1,502					0.00	0.00
									598 403.00
									6 361 410 016.60
Future									
Dec 2017	ZAGB	Future	212,714	18.8797	19.0551	19.0487	18.9000	340	6,448,296.10
Mar 2018	ZAGB	Future	3,805	19.2203	19.4012	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	Future	4,383	19.5567	19.7407	0.0000	0.0000	0	0.00
Sep 2018	ZAGB	Future	3,565	19.8973	20.0877	0.0000	0.0000	0	0.00
			<u>224,467</u>					<u>340.00</u>	<u>6,448,296.10</u>
									9 232 539.00
									153 733 489 969.90
Option									
Dec 2017	ZAGB	18.20 Call	400	839.2812	965.8046	0.0000	0.0000	0	0.00
Dec 2017	ZAGB	19.80 Call	800	145.5535	172.5440	0.0000	0.0000	0	0.00
Mar 2018	ZAGB	17.00 Put	500	117.3747	107.2016	0.0000	0.0000	0	0.00
Mar 2018	ZAGB	20.14 Call	500	475.9239	547.9597	0.0000	0.0000	0	0.00
			<u>2,200</u>					<u>0.00</u>	<u>0.00</u>
		Total	226,667					340.00	6,448,296.10
									11 002 552.00
									153 733 489 969.90
Future									
Dec 2017	ZAJY	Future	225	0.1268	0.1285	0.0000	0.0000	0	0.00
			<u>225</u>					<u>0.00</u>	<u>0.00</u>
									952 950.00
									10 619 017 477.80

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Total			225					0.00	0.00	952 950.00	10 619 017 477.80
Future											
Jun 2018	ZAKS	Future	1,145	0.1352	0.1385	0.0000	0.0000	0	0.00		
Sep 2018	ZAKS	Future	562	0.1348	0.1380	0.0000	0.0000	0	0.00		
			<u>1,707</u>					<u>0.00</u>	<u>0.00</u>	31 923.00	432 652 210.00
Total			1,707					0.00	0.00	31 923.00	432 652 210.00
Future											
Dec 2017	ZATR	Future	4,775	3.6692	3.6874	0.0000	0.0000	0	0.00		
			<u>4,775</u>					<u>0.00</u>	<u>0.00</u>	232 448.00	840 450 875.50
Total			4,775					0.00	0.00	232 448.00	840 450 875.50
Future											
Dec 2017	ZAUM	Future	783	14.2956	14.4657	0.0000	0.0000	0	0.00		
Mar 2018	ZAUM	Future	28	14.5070	14.6817	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	9	14.7150	14.8925	0.0000	0.0000	0	0.00		
			<u>820</u>					<u>0.00</u>	<u>0.00</u>	144 381.00	165 712 782 370.00
Total			820					0.00	0.00	148 904.00	165 712 782 370.00
Future											
Dec 2017	ZAUS	Future	1,079,824	14.2956	14.4657	14.4763	14.3000	51,331	736,748,632.70		
Mar 2018	ZAUS	Future	183,279	14.5070	14.6817	14.6762	14.5492	2,750	40,173,608.30		
Jun 2018	ZAUS	Future	111,753	14.7150	14.8925	14.7674	14.7674	1,500	22,215,000.00		
Sep 2018	ZAUS	Future	3,277	14.9249	15.1075	0.0000	0.0000	0	0.00		
			<u>1,378,133</u>					<u>55,581.00</u>	<u>799,137,241.00</u>	158 482 743.00	1 857 525 546 657.90
Option											
Dec 2017	ZAUS	11.75 Put	1,000	0.8289	0.4225	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	20,141	1.3276	0.7230	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.16 Put	550	1.8049	1.0231	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.20 Put	4,000	1.9505	1.1164	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	1.9888	1.1411	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	2.8892	1.7321	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	16,416	3.5284	2.1618	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.56 Put	7,100	3.9825	2.4708	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,819	4.7836	3.0221	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.75 Put	10,000	5.8781	3.7852	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.76 Put	550	6.0014	3.8718	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.00 Put	10,000	12.0455	6.6889	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.10 Put	41,000	16.6189	9.2090	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	17.6945	9.8070	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.15 Put	2,600	19.4205	10.7697	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	13.18 Put	16,000	21.2896	11.8166	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	7,000	1118.2186	1278.2643	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Put	6,728	22.6186	12.5643	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	23.3098	12.9539	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.22 Put	7,100	24.0183	13.3542	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	1071.8554	1230.3223	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	35.0276	19.6599	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	40.2600	22.7117	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	848.2742	995.7851	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	763.6635	905.1558	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	640.0866	765.5981	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Put	3,000	104.4866	59.8981	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Put	550	115.3931	67.3659	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	521.7837	632.0734	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	477.2545	580.9185	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	34,000	181.6545	115.2185	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.27 Put	40,000	303.5986	211.1901	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	273.4882	336.8976	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,600	236.6471	290.5580	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	441.0471	324.8580	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	195.2619	239.7232	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	129.4614	158.3547	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	4,580	110.8567	135.2747	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	92.9288	113.5536	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	91.4418	111.7529	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	49.1678	59.6034	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	41.6998	50.4072	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	21.0196	25.4168	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	2.9149	3.2219	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	2.7493	2.6430	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	2.4265	1.9972	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	18.6475	15.5413	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	33.0841	27.9899	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	35.1840	29.8101	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	40.9549	34.8227	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	45.4768	38.7566	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	77.3822	66.6571	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	84.0575	72.5162	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	118.7048	97.8967	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	124.4053	101.8779	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	151.4485	124.8182	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	155.9584	128.6633	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	13.50 Call	15,000	1186.9596	1330.9053	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	179.9596	149.2053	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	206.4620	172.0292	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	247.9506	208.0158	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	1001.3033	1135.2541	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	308.0486	258.3765	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	365.0191	307.8905	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	413.8396	351.4467	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	423.0982	359.7432	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Put	65,000	432.4735	368.1519	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	620.9160	719.7076	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	616.3291	714.6420	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	581.2530	502.9458	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	240	593.8032	689.7198	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	586.8032	508.0198	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	1,000	598.2769	518.2440	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.68 Call	1,000	520.9000	605.6861	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.68 Put	1,000	693.9000	603.9861	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	20,880	494.8069	576.1073	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.79 Call	100	480.4422	559.9518	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.79 Put	100	763.4422	668.2518	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	456.2320	532.6595	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	442.9099	517.6132	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	439.6394	513.9104	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	426.7773	499.3512	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	411.1990	481.6890	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	378.8218	444.8608	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	338.6484	398.9151	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	292.0925	344.7537	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	283.5897	334.9480	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	269.3164	318.4582	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	246.5518	292.0817	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	196.2288	233.8885	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	173.6716	208.6665	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	9.3863	8.6012	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	13.6100	12.3252	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	27.2029	20.3518	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	104,895	43.0418	33.2145	0.0000	0.0000	34	0.00
Jun 2018	ZAUS	12.40 Put	12,603	55.5824	43.6107	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	95.8249	77.7637	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	128.6914	106.2549	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	14,658	135.7861	112.4572	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	13.05 Put	1,250	145.0467	120.5804	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.17 Put	965	169.1262	141.8086	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.22 Put	15,000	179.9535	151.4012	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.30 Put	2,050	198.3568	167.7019	0.0000	0.0000	1,000	0.00		
Jun 2018	ZAUS	13.46 Put	5,183	239.1205	203.8761	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.48 Put	7,420	244.5860	208.7331	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	291.3721	250.4893	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.75 Put	104,895	326.7515	282.2590	0.0000	0.0000	34	0.00		
Jun 2018	ZAUS	13.83 Put	300	354.1587	306.9707	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.84 Put	500	357.6836	310.1578	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.90 Put	1,000	379.3059	329.7228	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.00 Put	6,130	418.4530	364.0739	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.10 Put	7,028	461.2832	400.6146	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.25 Put	2,000	529.9599	462.2842	0.0000	0.0000	1,000	0.00		
Jun 2018	ZAUS	14.71 Call	50	777.5355	870.2400	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.81 Call	500	736.9203	825.4323	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	626.9173	704.4815	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	616.8453	693.4116	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	527.4316	594.8060	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	500.2270	564.1549	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	360.6088	407.7983	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	319.9542	365.1325	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.41 Call	300	314.7936	359.5935	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	301.4621	344.5978	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	66	296.6166	339.1469	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.92 Call	104,895	239.4203	274.5596	0.0000	0.0000	34	0.00		
Jun 2018	ZAUS	17.00 Call	3,500	229.4841	263.2999	0.0000	0.0000	1,000	0.00		
Jun 2018	ZAUS	17.21 Call	500	205.4846	236.0568	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.28 Call	5,630	198.1117	227.6740	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.38 Call	7,028	188.0860	216.2602	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	16.9663	14.2528	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	95.7961	68.0895	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	102.1333	73.4119	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	138.2058	104.4426	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1627.7249	1766.8675	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.73 Put	2,500	379.0736	333.3121	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	597.8081	662.0155	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	580.4527	643.0552	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	556.6213	617.0041	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	17.02 Call	2,500	383.2742	428.9531	0.0000	0.0000	0	0.00		
			<u>2,642,594</u>					<u>3,102.00</u>	<u>0.00</u>	<u>40 084 654.00</u>	<u>0.00</u>

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		Total	4,020,727				58,683.00	799,137,241.00	198 567 397.00	1 857 525 546 657.90
		Grand Total	6,529,711				92,885.00	916 296 586.30	265,898,365	2,545,531,948,292.80