



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 14-May-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
May 2018	DAEU	Future	41	14.7210	14.6578	0.0000	0.0000	0	0.00		
			41					0.00	0.00	790 899.00	11 804 604 189.10
		Total	41					0.00	0.00	1 737 686.00	11 804 604 189.10
Future											
May 2018	DAGB	Future	11	16.7028	16.6098	0.0000	0.0000	0	0.00		
			11					0.00	0.00	53 744.00	881 765 055.30
		Total	11					0.00	0.00	261 057.00	881 765 055.30
Future											
May 2018	DAUS	Future	20,600	12.2934	12.2642	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	34,600	12.2951	12.2659	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	20,000	12.3001	12.2709	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	40,000	12.3067	12.2774	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	270	12.3100	12.2807	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	1,746	12.3232	12.2939	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	20	12.3509	12.3509	0.0000	0.0000	20	247,018.00		
Jun 2018	DAUS	Future	9,546	12.3429	12.3134	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	2,085	12.3573	12.3277	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.3621	12.3325	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.3907	12.3610	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.3970	12.3672	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.3986	12.3687	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	12.4017	12.3718	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	2,015	12.4080	12.3780	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.4285	12.3981	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	2,879	12.4565	12.4258	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	177	12.4777	12.4777	0.0000	0.0000	177	2,208,552.90		
Sep 2018	DAUS	Future	1,295	12.5001	12.4689	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.5422	12.5104	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	225	12.5484	12.5166	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	1,643	12.5515	12.5196	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.5718	12.5396	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	1,212	12.5976	12.5652	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	12.6915	12.6579	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.7112	12.6774	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,225	12.7336	12.6996	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.7736	12.7397	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,225	12.8239	12.7901	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.5445	13.5200	0.0000	0.0000	0	0.00		
			<u>234,497</u>					<u>197.00</u>	<u>2,455,570.90</u>	<u>9 885 665.00</u>	<u>120 012 519 806.30</u>

Option

May 2018	DAUS	10.90 Put	1,000	0.0000	0.0000	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	0.0142	0.2056	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	100.1184	92.0122	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	7.4662	20.6196	0.0000	0.0000	0	0.00
May 2018	DAUS	11.95 Call	30,000	354.0569	334.6008	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	30,000	313.0870	296.0152	0.0000	0.0000	0	0.00
May 2018	DAUS	12.37 Call	30,000	86.9457	86.8551	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Call	80,000	29.5770	32.4288	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Call	40,000	37.3360	39.6132	0.0000	0.0000	0	0.00
May 2018	DAUS	12.80 Call	0	14.3594	16.7878	0.0000	0.0000	20,000	0.00
May 2018	DAUS	12.45 Call	40,000	77.3831	77.1600	0.0000	0.0000	0	0.00
May 2018	DAUS	12.46 Call	30,000	74.3771	74.3903	0.0000	0.0000	0	0.00
May 2018	DAUS	12.24 Put	118	109.9196	129.9383	0.0000	0.0000	0	0.00
May 2018	DAUS	12.55 Call	118	62.1201	61.5755	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Put	270	341.5093	370.9233	0.0000	0.0000	0	0.00
May 2018	DAUS	12.69 Call	270	36.4105	37.3205	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Call	118	28.7185	29.9338	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1490.6516	1520.0692	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.1159	0.0904	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.2070	0.1094	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	45.9018	43.9755	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1454.3100	1483.4519	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	1.1604	1.0842	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.1331	1.0555	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	46.0098	52.2708	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	326.8656	346.6073	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	56.1965	53.4145	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	122.0506	133.5877	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	25.3668	24.3301	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	19.0097	18.2320	0.0000	0.0000	0	0.00

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Jul 2018	DAUS	14.45 Put	1,500	2061.6537	2091.0849	0.0000	0.0000	0	0.00			
Jul 2018	DAUS	15.94 Call	1,500	2.4461	2.3825	0.0000	0.0000	0	0.00			
Jul 2018	DAUS	13.80 Put	1,000	1431.0267	1459.7462	0.0000	0.0000	0	0.00			
Jul 2018	DAUS	15.82 Call	500	2.9865	2.5630	0.0000	0.0000	0	0.00			
Jul 2018	DAUS	16.32 Call	500	1.7792	1.3893	0.0000	0.0000	0	0.00			
Aug 2018	DAUS	12.32 Put	1,880	271.7639	287.5074	0.0000	0.0000	0	0.00			
Aug 2018	DAUS	13.86 Put	1,880	1484.0363	1512.6241	0.0000	0.0000	0	0.00			
Aug 2018	DAUS	16.18 Call	1,880	2.1236	1.7703	0.0000	0.0000	0	0.00			
Aug 2018	DAUS	13.80 Put	1,000	1419.7928	1447.4557	0.0000	0.0000	0	0.00			
Aug 2018	DAUS	16.05 Call	500	3.9190	3.4779	0.0000	0.0000	0	0.00			
Aug 2018	DAUS	16.57 Call	500	1.6203	1.3971	0.0000	0.0000	0	0.00			
Sep 2018	DAUS	13.80 Put	1,000	1411.7019	1438.6803	0.0000	0.0000	0	0.00			
Sep 2018	DAUS	16.25 Call	500	4.4284	3.8450	0.0000	0.0000	0	0.00			
Sep 2018	DAUS	16.80 Call	500	1.7441	1.4844	0.0000	0.0000	0	0.00			
Oct 2018	DAUS	13.80 Put	1,000	1404.0971	1430.6385	0.0000	0.0000	0	0.00			
Oct 2018	DAUS	16.47 Call	500	14.1198	14.1509	0.0000	0.0000	0	0.00			
Oct 2018	DAUS	17.02 Call	500	7.1294	7.1861	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	11.90 Put	1,880	181.4213	191.9206	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	13.86 Put	1,880	1454.1491	1481.1337	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	16.81 Call	1,880	10.7432	10.3109	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	10.83 Put	51,000	26.8267	28.6464	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	11.67 Put	51,000	125.9465	133.7544	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	13.22 Call	51,000	286.3309	277.5087	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	13.80 Put	1,000	1399.3273	1426.1547	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	16.70 Call	500	21.5867	20.8858	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	17.31 Call	500	11.2559	10.8799	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	13.65 Put	20,000	1272.9721	1298.7042	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	15.69 Call	20,000	52.7539	51.0160	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	13.80 Put	1,000	1395.0748	1421.2859	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	16.93 Call	500	27.5899	26.6510	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	17.58 Call	500	14.7854	14.2600	0.0000	0.0000	0	0.00			
			<u>569,920</u>					<u>20,000.00</u>	<u>0.00</u>	<u>18 698 599.00</u>	<u>0.00</u>	
		Total	804,417					20,197.00	2,455,570.90	28 584 264.00	120 012 519 806.30	
Future												
	Jun 2018	EUUS	Future	2,508	1.1993	1.1970	0.0000	0.0000	0	0.00		
				<u>2,508</u>					<u>0.00</u>	<u>0.00</u>	<u>706 556.00</u>	<u>8 002 495 602.00</u>
		Total	2,508					0.00	0.00	706 556.00	8 002 495 602.00	
Future												
	Sep 2018	JYZA	Future	283	8.7009	8.7082	0.0000	0.0000	0	0.00		

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			283					0.00	0.00	18 783.00	186 145 988.86	
Option												
	Jun 2018	JYZA	8.89 Put	1,200	1914.1699	1780.9474	0.0000	0.0000	0	0.00		
	Sep 2018	JYZA	8.17 Put	50,000	1682.2975	1500.8592	0.0000	0.0000	0	0.00		
			51,200					0.00	0.00	75 800.00	0.00	
	Total		51,483					0.00	0.00	94 583.00	186 145 988.86	
Future												
	Jun 2018	ZAAD	Future	12,585	9.3190	9.2906	9.2701	9.2700	420	3,893,417.00		
	Sep 2018	ZAAD	Future	800	9.4341	9.4049	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	11,412	9.5465	9.5161	0.0000	0.0000	0	0.00		
			24,797					420.00	3,893,417.00	3 619 669.00	31 349 967 670.90	
	Total		24,797					420.00	3,893,417.00	3 652 046.00	31 349 967 670.90	
Future												
	Jun 2018	ZACA	Future	1,850	9.6708	9.6345	0.0000	0.0000	0	0.00		
			1,850					0.00	0.00	131 593.00	1 292 774 717.10	
	Total		1,850					0.00	0.00	131 593.00	1 292 774 717.10	
Future												
	Jun 2018	ZAEU	Future	114,317	14.7989	14.7357	14.8018	14.7834	700	10,350,776.50		
	Sep 2018	ZAEU	Future	60,975	15.0752	15.0098	0.0000	0.0000	3,920	59,109,680.00		
	Dec 2018	ZAEU	Future	7,625	15.3477	15.2813	0.0000	0.0000	0	0.00		
	Mar 2019	ZAEU	Future	4,686	15.6511	15.5843	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	15.9179	15.8503	0.0000	0.0000	0	0.00		
			192,859					4,620.00	69,460,456.50	14 536 530.00	206 994 974 558.10	
Option												
	Jun 2018	ZAEU	13.50 Put	29,734	4.7871	6.2845	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,948	7.7071	9.4865	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	12.3096	14.4139	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	39.0215	50.0626	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	547.0378	496.7579	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.40 Call	10,000	469.7239	423.6061	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Call	3,000	152.3868	133.8988	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	50,948	539.3058	591.8057	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.63 Call	29,734	36.5576	32.2542	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.00 Call	3,000	15.2116	13.2423	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.44 Put	6,460	1646.7845	1709.2998	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	18.61 Call	6,460	0.4081	0.6276	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	20.55 Call	50,948	0.0147	0.0365	0.0000	0.0000	0	0.00		
	Sep 2018	ZAEU	13.50 Put	29,734	20.3556	19.1971	0.0000	0.0000	0	0.00		

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Sep 2018	ZAEU	14.25 Put	86,688	120.1007	136.6657	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	987.9763	1037.5799	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	84.6959	77.7459	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	10.7176	9.0445	0.0000	0.0000	0	0.00	
			607,230					0.00	0.00	7 919 774.00
		Total	800,089					4,620.00	69,460,456.50	22 456 304.00 206 994 974 558.10
Future										
Jun 2018	ZAFR	Future	1,215	12.3940	12.3461	0.0000	0.0000	0	0.00	
			1,215					0.00	0.00	609 303.00 6 506 705 521.30
		Total	1,215					0.00	0.00	609 303.00 6 506 705 521.30
Future										
Jun 2018	ZAGB	Future	428,549	16.7973	16.7068	16.7980	16.7980	15	251,970.00	
Sep 2018	ZAGB	Future	18,594	17.0659	16.9727	0.0000	0.0000	0	0.00	
Dec 2018	ZAGB	Future	7,517	17.3249	17.2293	0.0000	0.0000	0	0.00	
Mar 2019	ZAGB	Future	4,932	17.6064	17.5096	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	17.8701	17.7749	0.0000	0.0000	0	0.00	
			465,057					15.00	251,970.00	10 786 317.00 180 663 491 975.70
Option										
Jun 2018	ZAGB	17.50 Put	500	783.8407	863.2558	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	0.8553	0.9894	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	1 774 113.00 0.00
		Total	466,057					15.00	251,970.00	12 560 430.00 180 663 491 975.70
Future										
Jun 2018	ZAJY	Future	8,421	0.1129	0.1128	0.0000	0.0000	0	0.00	
			8,421					0.00	0.00	978 785.00 10 908 529 828.10
		Total	8,421					0.00	0.00	978 785.00 10 908 529 828.10
Future										
Jun 2018	ZAKS	Future	1,145	0.1223	0.1218	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1215	0.1212	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	3,940	2.8235	2.8266	0.0000	0.0000	0	0.00	
			3,940					0.00	0.00	258 929.00 923 231 285.50
		Total	3,940					0.00	0.00	258 929.00 923 231 285.50

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Future										
Jun 2018	ZAUM	Future	427	12.3398	12.3102	0.0000	0.0000	0	0.00	
Sep 2018	ZAUM	Future	47	12.4830	12.4520	0.0000	0.0000	0	0.00	
Dec 2018	ZAUM	Future	10	12.6188	12.5861	0.0000	0.0000	7	8,811,600.00	
			<u>484</u>					<u>7.00</u>	<u>8,811,600.00</u>	<u>149 742.00</u>
		Total	484					7.00	8,811,600.00	154 265.00
Future										
Jun 2018	ZAUS	Future	1,142,233	12.3398	12.3102	12.3600	12.2400	41,752	513,413,441.10	
Sep 2018	ZAUS	Future	89,152	12.4830	12.4520	12.4519	12.3837	2,488	30,911,341.40	
Dec 2018	ZAUS	Future	24,527	12.6188	12.5861	12.5295	12.5295	60	751,770.00	
Mar 2019	ZAUS	Future	4,948	12.7602	12.7263	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	Future	3,087	12.8923	12.8593	0.0000	0.0000	0	0.00	
			<u>1,263,947</u>					<u>44,300.00</u>	<u>545,076,552.50</u>	<u>172 944 162.00</u>
										<u>2 039 423 013 954.20</u>
Option										
Jun 2018	ZAUS	11.00 Put	60,750	1.9026	2.4444	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.20 Put	2,550	3.8275	4.5574	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.35 Call	10,000	996.0161	967.3304	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.45 Call	10,000	898.4115	869.8633	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.50 Put	40,216	10.1420	11.2669	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.60 Put	12,000	14.0815	15.3631	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.75 Put	60,000	23.0670	27.0602	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.77 Put	76,000	25.5240	29.8131	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.80 Put	5,500	29.5816	34.3366	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.90 Put	9,500	46.6908	53.1819	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Call	3,000	409.9066	388.7727	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Put	38,700	70.1066	78.5727	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.06 Put	150	87.5510	97.2840	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.12 Put	372	107.7157	118.7558	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.14 Put	155,500	115.0593	126.5408	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Call	500	308.6486	290.7521	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Put	1,000	118.8486	130.5521	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.23 Call	3,000	261.8299	245.7107	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Call	40,000	250.9232	235.2465	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Put	12,415	161.1232	175.0465	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.30 Call	4,000	225.0501	210.4690	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.30 Put	24,500	185.2501	200.2690	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.40 Put	15,103	240.5298	259.1057	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.45 Call	150	161.3531	151.4343	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.50 Call	6,550	144.1165	135.2328	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.50 Put	115,480	304.3165	325.0328	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.75 Put	66	490.3985	515.2069	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	12.96 Put	2,700	668.3007	695.0083	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	43.3349	40.8287	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	703.5349	730.6287	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	748.1993	775.7236	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	857.8232	886.1680	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	885.6887	914.1980	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	979.6664	1008.6227	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	17.0002	16.5296	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1132.8044	1162.2220	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1152.1357	1181.5940	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1171.5022	1200.9981	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1307.9577	1337.5590	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1416.0466	1445.6106	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1465.3466	1494.8976	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1475.2173	1504.7662	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1494.9690	1524.5136	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1504.8496	1534.3922	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1564.1963	1593.7285	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	3.1128	3.0335	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1663.3128	1692.8335	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1762.6330	1792.1480	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1911.8930	1941.4071	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.8820	0.8070	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.5907	0.5260	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.4856	0.4848	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.4881	0.5214	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.4891	0.5257	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.4923	0.5377	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.4964	0.5504	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.5046	0.5726	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.5098	0.5854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.5123	0.5911	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.5371	0.6445	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.4354	0.4745	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.2529	0.2787	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.2346	0.2589	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.1918	0.2126	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.1777	0.1974	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.1275	0.1426	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.0631	0.0717	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.0511	0.0583	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0291	0.0336	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	17.38 Call	7,028	0.0183	0.0214	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	54.3900	59.2670	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	57.3606	62.4545	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	74.0660	80.3216	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	83,314	105.4251	113.6490	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	130.9330	140.5956	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	145.1529	156.0862	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	178.2204	190.2711	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	513.0179	496.7050	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	303.6494	318.8347	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	343.6846	359.6345	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	391.7312	378.8514	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	24,000	408.7312	426.8514	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	475.6195	494.8203	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	501.0732	520.6489	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	293.8433	283.4621	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	284.5451	274.4066	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	636.6845	657.9416	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	20,000	229.5865	220.9299	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	185.1951	177.8686	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	175.4197	168.5161	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	942.4197	966.5161	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	166.1755	159.6733	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	133.9898	128.9178	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	114.2207	110.0417	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	6.0352	5.3169	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	5.3992	4.7234	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	4.6001	3.9822	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	3.5990	3.0736	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	134.4869	142.4271	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	405.8320	421.9112	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	586.6334	571.2647	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	100	467.8334	485.1647	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	540.5550	559.1723	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	397.1729	386.1368	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	340.1218	330.4763	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	216.8327	210.4975	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	193.1153	187.4202	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	1,000	86.0523	83.3399	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	47.1569	45.6016	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	14.2242	15.3030	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	206.2156	215.7394	0.0000	0.0000	0	0.00

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Mar 2019	ZAUS	12.06 Put	4,145	310.3261	322.8346	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.76 Put	250	654.1889	672.8654	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.45 Call	4,145	427.0723	416.4096	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.48 Call	1,000	230.2779	224.1244	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	15.20 Call	1,000	149.4634	145.3709	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	10.69 Put	1,000	36.4044	38.9126	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	12.28 Put	1,000	438.7463	453.2866	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.58 Call	1,000	321.3693	314.5455	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	67.8325	67.6705	0.0000	0.0000	0	0.00	
			<u>2,004,824</u>					<u>0.00</u>	<u>0.00</u>	<u>47 984 704.00</u>
		Total	3,268,771					44,300.00	545,076,552.50	220 928 866.00
										2 039 423 013 954.20

Grand Total	5,435,791		69,559.00	629 949 566.90	302,161,076	2,836,683,893,264.28
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