



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 13-February-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Feb 2018	DAAD	Future	46	9.4104	9.3667	0.0000	0.0000	0	0.00
Mar 2018	DAAD	Future	4	9.4310	9.3871	0.0000	0.0000	0	0.00
			<u>50</u>					<u>0.00</u>	<u>0.00</u>
		Total	50					0.00	0.00
									77 074.00
									730 365 560.80
Future									
Feb 2018	DAEU	Future	44	14.8167	14.6194	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	337	14.8544	14.6598	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	14.9017	14.7069	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	14.9476	14.7523	0.0000	0.0000	0	0.00
Apr 2018	DAEU	Future	107	14.9901	14.8900	0.0000	0.0000	107	1,593,230.00
Apr 2018	DAEU	Future	16	15.0506	14.8547	0.0000	0.0000	0	0.00
			<u>570</u>					<u>107.00</u>	<u>1,593,230.00</u>
									789 032.00
									11 777 601 620.40
Option									
Feb 2018	DAEU	16.41 Put	1,647	1558.8417	1752.5571	0.0000	0.0000	0	0.00
			<u>1,647</u>					<u>0.00</u>	<u>0.00</u>
		Total	2,217					107.00	1,593,230.00
									1 735 819.00
									11 777 601 620.40
Future									
Mar 2018	DAGB	Future	17	16.6937	16.5310	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	16.7373	16.5745	0.0000	0.0000	0	0.00
Apr 2018	DAGB	Future	9	16.8835	16.7204	0.0000	0.0000	0	0.00
			<u>64</u>					<u>0.00</u>	<u>0.00</u>
		Total	64					0.00	0.00
									53 655.00
									880 282 013.10
Future									
Feb 2018	DAUS	Future	0	11.9848	11.9218	0.0000	0.0000	70	833,875.00
Feb 2018	DAUS	Future	200	11.9866	11.9218	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	19	11.9866	11.9218	0.0000	0.0000	7	83,720.00
Feb 2018	DAUS	Future	4,771	12.0082	11.9450	0.0000	0.0000	2,500	29,946,000.00

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Mar 2018	DAUS	Future	5,713	12.0352	11.9717	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	30,000	12.0473	11.9838	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	1,199	12.0595	11.9959	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	54	12.0907	12.0270	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	12.1043	12.0406	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	506	12.1145	12.0508	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.1332	12.0695	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.1667	12.1026	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	445	12.2150	12.1503	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.2200	12.1553	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.2501	12.1849	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.2567	12.1915	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.2584	12.1931	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	12.2684	12.2030	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.2901	12.2244	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,766	12.3194	12.2535	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.3650	12.2988	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.4089	12.3424	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.4154	12.3489	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	430	12.4186	12.3521	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.4398	12.3731	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.5881	12.5200	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.5364	13.4493	0.0000	0.0000	0	0.00		
			<u>135,547</u>					<u>2,577.00</u>	<u>30,863,595.00</u>	<u>7 713 305.00</u>	<u>93 831 597 719.00</u>

Option

Feb 2018	DAUS	11.68 Put	100	1.2192	6.0670	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	1,260	11.9515	33.7334	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.91 Call	1,260	97.8505	64.4582	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.10 Call	100	13.5055	15.1308	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	2213.4161	2276.4142	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.65 Put	100	34.0221	50.5171	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.86 Put	340	91.3037	121.9195	0.0000	0.0000	0	0.00
Feb 2018	DAUS	11.96 Call	340	181.6802	156.3349	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.50 Call	3,450	33.8817	30.6192	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	0.4975	0.5708	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	2171.9807	2235.2425	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	1390.5703	1453.6198	0.0000	0.0000	0	0.00
Mar 2018	DAUS	12.00 Call	20,000	260.2605	231.9277	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.00 Call	4,000	51.5955	46.2860	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2900.0851	2963.2843	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	1.8870	1.6692	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	146.4461	169.6796	0.0000	0.0000	0	0.00

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Apr 2018	DAUS	12.10 Call	400	343.3025	316.3887	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1724.2097	1784.6240	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	5.0936	4.5824	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	2.6456	2.3559	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	783.9039	833.9014	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1775.6621	1835.8636	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	3.3874	2.7869	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	794.0483	843.4566	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2386.2032	2448.0167	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	3.0657	2.4013	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	76,000	297.4527	329.6387	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1707.5605	1766.4360	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	8.1249	7.0936	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	3.3959	2.9949	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1695.2785	1752.6843	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	23.6065	23.1523	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	14.6113	14.2271	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	377.8206	410.6945	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	141.6798	132.4368	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	126.4199	118.1943	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	2037.3553	2096.0879	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2278.3466	2338.3731	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	36.1207	35.6626	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	31.7542	30.3361	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1683.0235	1738.9354	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	38.6244	38.0694	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	24.8845	23.4711	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	539.8459	577.7137	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1733.3775	1789.4294	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	32.1621	30.4592	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1674.3950	1729.3371	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	52.4043	49.7057	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	33.1520	31.4170	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1667.8801	1721.4915	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	61.3774	58.1015	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	39.3608	37.1996	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1660.1716	1712.4136	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	70.1512	67.2570	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	46.5668	44.6423	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	364.5315	391.4237	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1708.5120	1761.1169	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	56.9880	54.5937	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	13.80 Put	1,000	1654.0418	1705.1525	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	16.70 Call	500	77.8277	72.5034	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	17.31 Call	500	50.9723	47.2640	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.65 Put	20,000	1529.9158	1580.0851	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	15.69 Call	20,000	136.8541	133.3485	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	13.80 Put	1,000	1647.3405	1697.5322	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	16.93 Call	500	83.5880	79.1893	0.0000	0.0000	0	0.00	
Dec 2018	DAUS	17.58 Call	500	54.6369	51.6387	0.0000	0.0000	0	0.00	
			359,356					0.00	0.00	16 847 819.00
		Total	494,903					2,577.00	30,863,595.00	24 561 124.00 93 831 597 719.00
Future										
Mar 2018	EUUS	Future	2,548	1.2386	1.2288	0.0000	0.0000	0	0.00	
			2,548					0.00	0.00	686 513.00 7 754 801 985.00
		Total	2,548					0.00	0.00	686 513.00 7 754 801 985.00
Option										
Jun 2018	JYZA	8.89 Put	1,200	4142.8043	3559.8908	0.0000	0.0000	0	0.00	
			1,200					0.00	0.00	2 400.00 0.00
		Total	1,200					0.00	0.00	2 400.00 0.00
Future										
Mar 2018	ZAAD	Future	11,920	9.4364	9.3925	9.4483	9.4195	265	2,503,490.50	
Jun 2018	ZAAD	Future	5,799	9.5585	9.5142	0.0000	0.0000	0	0.00	
Sep 2018	ZAAD	Future	400	9.6817	9.6357	0.0000	0.0000	0	0.00	
Dec 2018	ZAAD	Future	10,812	9.7994	9.7532	0.0000	0.0000	0	0.00	
			28,931					265.00	2,503,490.50	3 532 257.00 30 532 267 574.70
		Total	28,931					265.00	2,503,490.50	3 564 634.00 30 532 267 574.70
Future										
Mar 2018	ZACA	Future	1,150	9.5485	9.5162	0.0000	0.0000	0	0.00	
Jun 2018	ZACA	Future	300	9.6839	9.6508	0.0000	0.0000	0	0.00	
			1,450					0.00	0.00	126 403.00 1 244 253 102.10
		Total	1,450					0.00	0.00	126 403.00 1 244 253 102.10
Future										
Mar 2018	ZAEU	Future	111,256	14.9148	14.7199	14.8896	14.7914	6,259	92,619,532.10	
Jun 2018	ZAEU	Future	15,541	15.2050	15.0074	15.1616	15.1616	4	60,646.40	
Sep 2018	ZAEU	Future	45,425	15.5014	15.2992	0.0000	0.0000	0	0.00	
Dec 2018	ZAEU	Future	2,962	15.7915	15.5851	0.0000	0.0000	0	0.00	
Mar 2019	ZAEU	Future	1,088	16.0966	15.8837	0.0000	0.0000	0	0.00	

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			176,272					6,263.00	92,680,178.50	13 795 549.00	195 995 931 751.30
Option											
Mar 2018	ZAEU	15.05 Put	5,648	350.1459	486.5589	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	14,172	382.8616	523.7831	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	11.1914	10.2821	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	5.3307	4.7755	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,995	30.4513	54.4043	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	57.9901	93.4361	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,995	531.7536	651.9455	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	1416.9716	1584.7218	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	29.8446	27.3509	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	50,995	8.9379	6.6017	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	124,767	157.0998	201.1503	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	124,767	897.8285	1029.5580	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.00 Put	21,525	1000.4930	1138.0005	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	124,767	64.3363	54.8181	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	21.63 Call	21,525	14.0951	10.9155	0.0000	0.0000	0	0.00		
			612,419					0.00	0.00	7 266 415.00	0.00
Total			788,691					6,263.00	92,680,178.50	21 061 964.00	195 995 931 751.30
Future											
Mar 2018	ZAFR	Future	1,215	12.9252	12.7935	0.0000	0.0000	0	0.00		
			1,215					0.00	0.00	605 550.00	6 459 053 543.50
Total			1,215					0.00	0.00	605 550.00	6 459 053 543.50
Future											
Mar 2018	ZAGB	Future	197,444	16.7501	16.5873	16.7238	16.6235	1,287	21,467,294.80		
Jun 2018	ZAGB	Future	10,315	17.0310	16.8664	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	13,656	17.3072	17.1389	0.0000	0.0000	0	0.00		
Dec 2018	ZAGB	Future	895	17.5718	17.4012	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	Future	948	17.8652	17.6896	0.0000	0.0000	0	0.00		
			223,258					1,287.00	21,467,294.80	9 866 808.00	165 162 226 072.10
Option											
Mar 2018	ZAGB	17.00 Put	500	496.5813	613.9232	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	19.00 Call	1,500	11.3543	10.0132	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	20.14 Call	500	2.9937	3.3117	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	17.50 Put	500	949.2340	1063.4166	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	20.40 Call	500	59.9168	53.6575	0.0000	0.0000	0	0.00		
			3,500					0.00	0.00	1 774 113.00	0.00
Total			226,758					1,287.00	21,467,294.80	11 640 921.00	165 162 226 072.10

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Future											
Mar 2018	ZAJY	Future	8,261	0.1121	0.1105	0.0000	0.0000	2,653	29,607,214.70		
			<u>8,261</u>					<u>2,653.00</u>	<u>29,607,214.70</u>	<u>961 606.00</u>	<u>10 715 347 944.50</u>
		Total	8,261					2,653.00	29,607,214.70	961 606.00	10 715 347 944.50
Future											
Jun 2018	ZAKS	Future	1,145	0.1178	0.1167	0.0000	0.0000	0	0.00		
Sep 2018	ZAKS	Future	562	0.1171	0.1157	0.0000	0.0000	0	0.00		
			<u>1,707</u>					<u>0.00</u>	<u>0.00</u>	<u>31 923.00</u>	<u>432 652 210.00</u>
		Total	1,707					0.00	0.00	31 923.00	432 652 210.00
Future											
Jun 2018	ZATR	Future	4,540	3.0903	3.0776	0.0000	0.0000	0	0.00		
			<u>4,540</u>					<u>0.00</u>	<u>0.00</u>	<u>242 729.00</u>	<u>874 663 905.50</u>
		Total	4,540					0.00	0.00	242 729.00	874 663 905.50
Future											
Mar 2018	ZAUM	Future	370	12.0421	11.9786	0.0000	0.0000	20	23,994,000.00		
Jun 2018	ZAUM	Future	69	12.1967	12.1322	0.0000	0.0000	0	0.00		
Sep 2018	ZAUM	Future	45	12.3471	12.2810	0.0000	0.0000	0	0.00		
Dec 2018	ZAUM	Future	3	12.4898	12.4226	0.0000	0.0000	0	0.00		
			<u>487</u>					<u>20.00</u>	<u>23,994,000.00</u>	<u>147 412.00</u>	<u>169 624 205 850.00</u>
		Total	487					20.00	23,994,000.00	151 935.00	169 624 205 850.00
Future											
Mar 2018	ZAUS	Future	822,840	12.0421	11.9786	12.0565	11.9475	131,369	1,576,040,121.00		
Jun 2018	ZAUS	Future	232,612	12.1967	12.1322	12.2127	12.1050	348	4,236,912.50		
Sep 2018	ZAUS	Future	37,613	12.3471	12.2810	12.3122	12.2600	62	761,164.00		
Dec 2018	ZAUS	Future	18,500	12.4898	12.4226	0.0000	0.0000	0	0.00		
			<u>1,111,565</u>					<u>131,779.00</u>	<u>1,581,038,197.50</u>	<u>166 342 659.00</u>	<u>1 959 951 818 457.60</u>
		Total									
Option											
Mar 2018	ZAUS	11.45 Put	2,250	28.6628	39.4360	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	11.50 Put	32,520	36.3910	48.9869	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	11.60 Put	750	56.2230	72.8168	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	11.80 Put	90,000	116.0713	141.4941	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	11.99 Put	40,000	200.1746	234.9716	0.0000	0.0000	43,000	0.00		
Mar 2018	ZAUS	12.00 Put	227,000	205.3402	240.8020	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.13 Put	5,460	280.5420	322.5937	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.20 Put	32,520	326.1951	370.8794	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.25 Put	3,750	360.5855	406.9959	0.0000	0.0000	0	0.00		
Mar 2018	ZAUS	12.36 Put	20,880	440.9377	490.7060	0.0000	0.0000	0	0.00		

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Mar 2018	ZAUS	12.40 Put	2,500	471.6050	522.4480	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.47 Call	750	99.0201	88.0716	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	25,380	551.2202	604.4393	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.55 Call	2,000	84.5430	75.2931	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Call	11,000	62.5379	55.1789	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Put	2,000	720.4379	776.5789	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	826.5392	884.4218	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	935.7318	994.9722	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.95 Call	13,200	37.0486	32.8883	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Call	41,000	33.3759	29.6753	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	95,146	991.2759	1051.0753	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Call	1,000	22.0483	19.3966	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Put	1,073	1179.9483	1240.7966	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.21 Put	5,460	1189.4993	1250.3380	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	1199.0603	1259.8898	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	1227.7980	1288.6055	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	1294.7114	1355.9342	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.35 Call	2,000	15.6333	13.5164	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	1352.4353	1413.9675	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	1371.7449	1433.3711	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	35,000	10.8425	9.3795	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	1468.7425	1530.7795	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	98,694	1566.3770	1628.7389	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	7.3086	6.3314	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	6.6188	5.7367	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	1703.8933	1766.5974	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	5.7028	4.9469	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	5.2930	4.5935	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	1802.5737	1865.4593	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	1871.8255	1934.8138	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	3.7346	3.2489	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	1891.6346	1954.6489	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1911.4528	1974.4922	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1941.1966	2004.2709	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	3.1362	2.7323	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	2.9835	2.6005	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	2010.6683	2073.8145	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	2.6334	2.2980	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	2.3246	2.0309	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	2120.0038	2183.2400	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	2139.9015	2203.1514	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	1.9042	1.6671	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	14.22 Put	2,000	2179.7116	2242.9869	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	1.1020	1.1462	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	1.0488	1.1444	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	1.0231	1.1436	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	2448.9215	2512.5407	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	1.0215	1.1401	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	2458.9215	2522.5401	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	2478.9214	2542.5390	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	1.0215	1.1380	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	1.0218	1.1368	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	1.0225	1.1360	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	1.0298	1.1366	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	1.0393	1.1416	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	1.0435	1.1443	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	1.0446	1.1450	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	1.0557	1.1529	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	1.0718	1.1652	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	1.0980	1.1868	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	1.1400	1.2231	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	1.1493	1.2313	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	1.1664	1.1904	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	1.0888	0.9132	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	0.5447	0.4530	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	0.3776	0.3127	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	60,750	35.4533	42.5765	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.20 Put	2,550	63.0462	73.9308	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	129.3392	147.2446	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.75 Put	60,000	213.7836	238.9551	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	22,550	326.3995	357.9799	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	389.6125	424.0917	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Call	8,000	457.4000	427.8465	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	164,000	400.7000	435.6465	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	406.3001	441.4797	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.24 Call	500	415.5116	388.7943	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	464.8887	502.8954	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	495.8056	534.9223	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	560.2288	601.4498	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	2,550	324.5971	303.2809	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	627.8971	671.0809	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	809.6754	857.1411	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	973.7393	1024.1518	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	28,358	1006.0179	1056.9580	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	13.05 Put	1,250	1046.7966	1098.3726	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1146.4997	1199.4848	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1171.8026	1225.1165	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	1188.7497	1242.2777	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	1257.1494	1311.4915	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	147.0660	137.3873	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1395.9928	1451.3085	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1413.4523	1468.9489	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1430.9653	1486.6374	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1554.9111	1611.7250	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1653.8207	1711.4282	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1699.1790	1757.1201	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1708.2799	1766.2857	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1726.5060	1784.6411	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1735.6343	1793.8306	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1790.5814	1849.1437	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	5,630	1882.8243	1941.9473	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1975.8213	2035.4530	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2116.5708	2176.8748	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	49.3536	46.1671	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	41.6383	38.7945	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	37.2849	34.9938	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	30.2105	28.7923	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	26.7393	25.7327	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	25.8633	24.9579	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	23.6644	23.0087	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	21.6518	21.2182	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	18.7398	18.6122	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	17.3375	17.3501	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	16.7693	16.8374	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	12.5682	13.0085	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	7.6966	7.9683	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	5.6574	5.8995	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	5.4226	5.6602	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	4.8404	5.0662	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	4.6377	4.8591	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	3.8487	4.0506	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	2.5976	2.7605	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	2.3086	2.4606	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	1.6886	1.8142	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	1.5200	1.6374	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	1.3067	1.4132	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	11.75 Put	73,314	274.7962	299.5720	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	743.6809	784.6894	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	770.5662	812.2004	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	910.5171	955.0793	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1214.7646	1264.4767	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	240.6143	227.3894	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	65.7707	63.6428	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	63.9781	60.8922	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	59.2082	56.0974	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	52.3242	49.5552	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	278.5216	298.4507	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	692.5969	661.5991	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.96 Put	23,443	1004.8816	1047.1863	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	341.3355	324.1683	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	191.7627	182.9757	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	127.8743	125.0616	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.24 Call	23,443	60.3477	55.7425	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	127.5603	142.6360	0.0000	0.0000	0	0.00
			<u>2,893,382</u>					<u>43,000.00</u>	<u>0.00</u>
									<u>45 715 761.00</u>
									<u>0.00</u>
		Total	4,004,947					174,779.00	1,581,038,197.50
									212 058 420.00
									1 959 951 818 457.60
		Grand Total	5,567,969					187,951.00	1 783 747 201.00
									286,228,601
									2,700,134,281,320.87