



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 18-January-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Future										
Feb 2018	DAAD	Future	46	9.8158	9.8377	0.0000	0.0000	0	0.00	
			46					0.00	0.00	77 070.00
		Total	46					0.00	0.00	146 070.00
Future										
Jan 2018	DAEU	Future	151,647	14.9827	15.0313	0.0000	0.0000	1,636	24,522,004.00	
Feb 2018	DAEU	Future	44	15.0303	15.0810	0.0000	0.0000	0	0.00	
Feb 2018	DAEU	Future	337	15.0713	15.1216	0.0000	0.0000	337	5,081,117.50	
Mar 2018	DAEU	Future	63	15.1183	15.1667	0.0000	0.0000	0	0.00	
Mar 2018	DAEU	Future	3	15.1633	15.2118	0.0000	0.0000	0	0.00	
			152,094					1,973.00	29,603,121.50	747 516.00
										11 164 454 352.20
Option										
Jan 2018	DAEU	15.80 Put	193,000	827.2625	780.4642	0.0000	0.0000	0	0.00	
Jan 2018	DAEU	16.50 Call	15,150	2.0162	2.6032	0.0000	0.0000	0	0.00	
Feb 2018	DAEU	16.41 Put	1,647	1358.8706	1311.3338	0.0000	0.0000	0	0.00	
			209,797					0.00	0.00	946 787.00
		Total	361,891					1,973.00	29,603,121.50	1 694 303.00
										11 164 454 352.20
Future										
Jan 2018	DAGB	Future	10	16.9646	16.9666	0.0000	0.0000	0	0.00	
Mar 2018	DAGB	Future	17	17.0553	17.0582	0.0000	0.0000	0	0.00	
Mar 2018	DAGB	Future	38	17.0985	17.0994	0.0000	0.0000	0	0.00	
			65					0.00	0.00	53 598.00
		Total	65					0.00	0.00	260 911.00
										879 314 344.30
Future										
Jan 2018	DAUS	Future	0	12.1975	12.2679	0.0000	0.0000	20,000	243,950,000.00	
Jan 2018	DAUS	Future	70	12.2031	12.2772	0.0000	0.0000	0	0.00	
Jan 2018	DAUS	Future	144,845	12.2143	12.2890	0.0000	0.0000	0	0.00	
Feb 2018	DAUS	Future	1,346	12.2310	12.3065	0.0000	0.0000	0	0.00	

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Feb 2018	DAUS	Future	70	12.2384	12.3142	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	12	12.2421	12.3181	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	3,201	12.2660	12.3416	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	5,607	12.2934	12.3678	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	1,199	12.3185	12.3926	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	12.3640	12.4389	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	112	12.3746	12.4495	0.0000	0.0000	2	24,843.00		
May 2018	DAUS	Future	70	12.3939	12.4690	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.4290	12.5043	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	445	12.4799	12.5555	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.4851	12.5608	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.5167	12.5925	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,000	12.5237	12.5992	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.5254	12.6009	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	12.5355	12.6111	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.5573	12.6331	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,336	12.5876	12.6635	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.6347	12.7109	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.6799	12.7562	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.6865	12.7627	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.7109	12.7873	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.8638	12.9399	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.8442	13.9222	0.0000	0.0000	0	0.00		
			<u>249,187</u>					<u>20,002.00</u>	<u>243,974,843.00</u>	<u>7 482 610.00</u>	<u>91 067 745 626.50</u>

Option

Jan 2018	DAUS	12.25 Put	440	146.0022	116.8282	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.32 Put	460	189.8793	152.5605	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.36 Call	440	71.6813	105.5775	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.41 Call	460	58.2889	88.0202	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.80 Put	25,000	595.5155	528.9782	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.16 Put	19,500	948.1786	875.3607	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	1037.5099	964.1615	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	2,883	1057.3907	983.9472	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	1087.2282	1013.6550	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	1186.8022	1112.8897	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Call	42,000	0.1518	0.2818	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.00 Call	23,300	0.1047	0.1901	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.25 Call	29,000	0.0431	0.0730	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	386.5785	331.0341	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	828.4485	757.1924	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	936.8992	864.5069	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	0.0000	0.0763	0.0000	0.0000	0	0.00

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Feb 2018	DAUS	15.52 Call	2,723	0.0000	0.1557	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	0.0000	0.2626	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	0.0000	0.3066	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.20 Put	35,000	979.9313	908.1222	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	1575.3118	1500.6387	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.16 Put	1,880	938.8816	868.1115	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	1631.7821	1556.9726	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	0.1141	0.1621	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	1515.4115	1440.4552	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1664.8566	1589.6309	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	1957.1261	1881.5936	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.50 Call	3,450	141.3164	173.2927	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	8.1970	11.9798	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	1917.2901	1843.2760	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	1154.4408	1087.1701	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2648.8627	2578.0841	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	3.8573	5.3399	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1497.8522	1434.3282	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	11.5543	15.0729	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	5.5987	7.6252	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	612.0530	565.9472	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1548.4948	1484.8862	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	7.5259	9.8582	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	621.5181	575.3063	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2144.0104	2075.6869	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	6.5822	8.7295	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1485.4113	1423.8196	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	17.9213	21.7287	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	7.8236	9.7592	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1475.9354	1415.9988	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	34.4525	39.6524	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	23.4015	27.5798	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	264.5027	239.1422	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	194.1521	211.6556	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	175.4909	191.5527	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	1807.7788	1745.6414	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2042.4796	1978.1590	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	49.3727	53.5670	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	43.4195	46.9038	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1467.0305	1408.2288	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	50.7544	55.9104	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	38.3845	42.7517	0.0000	0.0000	0	0.00

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Aug 2018	DAUS	12.32 Put	1,880	403.0373	370.5708	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1516.3042	1458.0078	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	46.5450	51.1910	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1460.9028	1403.5468	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	65.4559	70.9226	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	48.8092	54.2255	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1455.0149	1398.5238	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	77.5245	84.2618	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	54.8125	61.1982	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1448.2088	1392.4207	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	92.9151	99.4276	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	63.5334	71.0938	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	258.9544	236.9690	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1495.9046	1439.6763	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	76.7733	85.4263	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1442.8533	1388.3849	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	101.5400	110.6167	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	67.6304	74.1761	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1322.5162	1270.2648	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	157.8314	166.5763	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1436.7716	1383.5501	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	106.9049	116.0579	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	70.9245	77.5036	0.0000	0.0000	0	0.00		
			<u>838,027</u>				<u>0.00</u>		<u>0.00</u>	<u>16 511 495.00</u>	<u>0.00</u>
Total			1,087,214				20,002.00		243,974,843.00	23 994 105.00	91 067 745 626.50
Future											
Mar 2018	EUUS	Future	14,890	1.2301	1.2266	1.2303	1.2300	60	738,090.00		
			<u>14,890</u>				<u>60.00</u>		<u>738,090.00</u>	<u>664 355.00</u>	<u>7 479 428 564.00</u>
Total			14,890				60.00		738,090.00	664 355.00	7 479 428 564.00
Future											
Mar 2018	ZAAD	Future	18,450	9.8427	9.8634	9.8897	9.8897	250	2,472,425.00		
Jun 2018	ZAAD	Future	5,534	9.9709	9.9921	0.0000	0.0000	0	0.00		
Sep 2018	ZAAD	Future	400	10.0978	10.1198	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	10,812	10.2173	10.2390	0.0000	0.0000	0	0.00		
			<u>35,196</u>				<u>250.00</u>		<u>2,472,425.00</u>	<u>3 520 857.00</u>	<u>30 421 619 040.70</u>
Total			35,196				250.00		2,472,425.00	3 553 234.00	30 421 619 040.70
Future											
Mar 2018	ZACA	Future	750	9.8781	9.9702	0.0000	0.0000	0	0.00		
Jun 2018	ZACA	Future	100	10.0167	10.1095	0.0000	0.0000	0	0.00		

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			850					0.00	0.00	125 603.00	1 236 437 662.10
	Total		850					0.00	0.00	125 603.00	1 236 437 662.10
Future											
Mar 2018	ZAEU	Future	97,661	15.1309	15.1788	15.1826	15.0962	940	14,219,078.50		
Jun 2018	ZAEU	Future	9,115	15.4232	15.4731	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	Future	5,417	15.7204	15.7709	0.0000	0.0000	0	0.00		
Dec 2018	ZAEU	Future	2,926	16.0098	16.0596	0.0000	0.0000	0	0.00		
			115,119					940.00	14,219,078.50	13 649 660.00	193 779 057 785.40
Option											
Mar 2018	ZAEU	15.05 Put	5,648	289.7693	271.1303	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	18,643	316.2928	296.4712	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	48.4475	55.5964	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	24.1597	27.7858	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,995	24.1918	24.0314	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	38.4021	34.0227	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,995	439.6491	415.5732	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	1261.0054	1224.7715	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	42.4388	47.5783	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	50,995	14.5499	15.1923	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	161,971	119.3701	110.2767	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	124,767	775.9913	747.5352	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.00 Put	37,204	872.0895	842.5437	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	124,767	90.5860	101.4639	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	21.63 Call	37,204	26.7142	34.3261	0.0000	0.0000	0	0.00		
			685,452					0.00	0.00	6 847 461.00	0.00
	Total		800,571					940.00	14,219,078.50	20 497 121.00	193 779 057 785.40
Future											
Mar 2018	ZAFR	Future	1,215	12.8778	12.9152	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	188,646	17.1108	17.1112	17.1807	17.0446	1,390	23,768,423.00		
Jun 2018	ZAGB	Future	7,457	17.3946	17.3958	17.3993	17.3993	30	521,979.00		
Sep 2018	ZAGB	Future	4,164	17.6773	17.6786	0.0000	0.0000	0	0.00		
Dec 2018	ZAGB	Future	886	17.9474	17.9483	0.0000	0.0000	0	0.00		
			201,153					1,420.00	24,290,402.00	9 804 754.00	164 099 064 331.20
Option											
Mar 2018	ZAGB	17.00 Put	500	371.3699	371.6826	0.0000	0.0000	0	0.00		

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Mar 2018	ZAGB	19.00 Call	1,500	52.6153	51.8542	0.0000	0.0000	0	0.00
Mar 2018	ZAGB	20.14 Call	500	13.0734	12.6300	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	17.50 Put	500	762.1551	757.3660	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	106.1706	103.5067	0.0000	0.0000	0	0.00
			3,500					0.00	0.00
		Total	204,653					1,420.00	24,290,402.00
									11 578 867.00
									164 099 064 331.20
Future									
Mar 2018	ZAJY	Future	115	0.1112	0.1122	0.0000	0.0000	0	0.00
			115					0.00	0.00
		Total	115					0.00	0.00
									953 460.00
									10 625 024 617.80
Future									
Jun 2018	ZAKS	Future	1,145	0.1183	0.1187	0.0000	0.0000	0	0.00
Sep 2018	ZAKS	Future	562	0.1180	0.1180	0.0000	0.0000	0	0.00
			1,707					0.00	0.00
		Total	1,707					0.00	0.00
									31 923.00
									432 652 210.00
Future									
Mar 2018	ZATR	Future	433	3.2045	3.1872	0.0000	0.0000	0	0.00
			433					0.00	0.00
		Total	433					0.00	0.00
									238 189.00
									860 554 603.00
Future									
Mar 2018	ZAUM	Future	565	12.3007	12.3748	12.3625	12.3017	40	49,361,950.00
Jun 2018	ZAUM	Future	47	12.4606	12.5360	12.4685	12.4277	15	18,669,600.00
Sep 2018	ZAUM	Future	8	12.6162	12.6923	0.0000	0.0000	0	0.00
			620					55.00	68,031,550.00
		Total	620					55.00	68,031,550.00
									146 078.00
									168 008 982 940.00
Future									
Mar 2018	ZAUS	Future	902,198	12.3007	12.3748	12.4467	12.2637	32,495	400,869,824.50
Jun 2018	ZAUS	Future	177,812	12.4606	12.5360	12.4685	12.4277	3,190	39,807,581.00
Sep 2018	ZAUS	Future	5,242	12.6162	12.6923	12.6500	12.5976	60	758,372.30
Dec 2018	ZAUS	Future	11,000	12.7616	12.8379	0.0000	0.0000	0	0.00
			1,096,252					35,745.00	441,435,777.80
		Total							164 272 725.00
									1 934 921 840 137.70
Option									
Mar 2018	ZAUS	11.50 Put	32,520	27.6444	23.9708	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	248,000	134.4324	114.7687	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.13 Put	5,460	188.3922	163.0568	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.20 Put	32,520	221.8677	193.3894	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>
Mar 2018	ZAUS	12.25 Put	46,750	247.6292	216.8930	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	310.6296	274.0878	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	335.5699	297.4044	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	25,750	401.5604	359.5176	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Call	11,000	147.9586	173.1552	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Put	2,000	547.2586	498.3552	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.75 Call	100	136.8428	160.5208	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	642.0039	589.5872	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	740.8540	685.7129	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.95 Call	13,200	99.9127	118.7191	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Call	21,000	92.1020	109.7557	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	100,016	791.4020	734.9557	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Call	1,000	66.5924	80.2522	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Put	1,073	965.8924	905.4522	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.21 Put	5,460	974.8274	914.2108	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	983.7789	922.9906	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	1010.7394	949.4451	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	1074.2167	1011.8133	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.35 Call	2,000	52.3471	63.5986	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	1129.2054	1065.9288	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	1147.6455	1084.0917	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	35,000	41.2856	50.5551	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	1240.5856	1175.7551	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.52 Put	3,600	1259.3108	1194.2447	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	197,389	1333.8468	1268.6697	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	30.6147	38.6725	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	28.2275	35.7478	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	1465.3138	1398.2265	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	24.9691	31.7384	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	23.4742	29.8924	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	1560.4669	1492.2343	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	1627.5914	1558.6556	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	17.5399	22.5170	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	1646.8399	1577.7170	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1666.1175	1596.8134	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1695.0863	1625.5212	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	15.1323	19.5001	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	14.5040	18.7101	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	1762.9077	1692.7811	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	13.0396	16.8642	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	11.7166	15.1902	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	1870.0510	1799.1649	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>
Mar 2018	ZAUS	14.18 Put	41,000	1889.5971	1818.5878	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	9.8615	12.8333	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	1928.7436	1857.5005	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	6.0988	8.0086	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	5.8356	7.6685	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	5.7081	7.5037	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	2194.5246	2122.0776	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	5.1101	6.7291	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	2204.4101	2131.9291	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	2224.1883	2151.6413	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	4.6758	6.1653	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	4.3738	5.7725	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	4.0908	5.4038	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	2.9227	3.8758	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	2.7688	3.3531	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	2.7188	3.2834	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	2.7067	3.2666	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	2.6053	3.1251	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	2.4973	2.9738	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	2.3740	2.8000	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	2.2448	2.6157	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	2.2231	2.5843	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	2.1880	2.5332	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	2.1356	2.4558	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	2.0380	2.3062	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	1.4894	1.8511	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	23.2054	22.9873	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	76.3550	66.0468	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	20,000	223.1035	199.4608	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	274.4936	247.3717	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	336.8357	305.9500	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	362.6066	330.2887	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	417.0279	381.8871	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	475.6120	437.2576	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	638.0138	593.1350	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	788.6694	739.4218	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	29,358	818.6529	768.6387	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	856.6625	805.7224	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	949.7193	897.1117	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	973.4588	920.4562	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	989.3841	936.0297	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	1053.8538	999.1453	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	13.46 Put	5,183	1186.1984	1129.0099	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1203.0346	1145.5572	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1219.9320	1162.1702	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1339.8277	1280.1996	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1435.2259	1374.8934	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1478.7565	1418.4508	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1487.4990	1427.0766	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1505.0223	1444.3670	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1513.8007	1453.0314	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1566.7195	1505.2753	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	5,630	1655.7962	1593.2982	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1745.8846	1682.4122	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1882.7116	1817.9152	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	73.3010	81.8280	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	63.0102	70.4332	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	58.0121	64.8903	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	49.2354	55.6867	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	44.1000	50.4491	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	42.7942	48.9796	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	39.5012	45.2679	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	36.4626	41.8374	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	32.0217	36.8128	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	29.8616	34.3648	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	28.9823	33.3666	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	22.3847	25.8615	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	15.5514	18.0459	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	11.9266	14.2901	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	11.4813	13.7707	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	10.3689	12.4702	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	9.9784	12.0128	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	8.4402	10.2063	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	5.9292	7.2370	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	5.3329	6.5274	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	4.0261	4.9641	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	3.6627	4.5271	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	3.1971	3.9657	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	187.0127	168.7517	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	583.9768	545.6176	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	608.2512	569.0299	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	735.9588	692.8156	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1019.3495	969.5062	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	299.5438	320.1791	0.0000	0.0000	0	0.00

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Sep 2018	ZAUS	15.97	Call	5,300	80.1667	85.0339	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04	Call	1,550	77.8600	82.5440	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14	Call	750	74.7412	79.1782	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29	Call	73,314	70.4222	74.5190	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.96	Put	23,443	827.0725	784.5959	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.24	Call	23,443	78.5643	86.0651	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00	Call	2,000	176.0935	185.4018	0.0000	0.0000	0	0.00
				<u>2,540,939</u>					<i>0.00</i>	<i>0.00</i>
				Total	3,637,191				35,745.00	441,435,777.80
									208 196 486.00	1 934 921 840 137.70

Grand Total	6,146,657	60,445.00	824 765 287.80	281,080,396	2,666,332,768,424.47
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