



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 12-April-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Apr 2018	DAEU	Future	16	14.8213	14.9309	0.0000	0.0000	0	0.00		
May 2018	DAEU	Future	41	14.8920	15.0022	0.0000	0.0000	0	0.00		
			<u>57</u>					<u>0.00</u>	<u>0.00</u>	<u>790 883.00</u>	<u>11 804 363 950.70</u>
		Total	57					0.00	0.00	1 737 670.00	11 804 363 950.70
Future											
Apr 2018	DAGB	Future	9	17.1293	17.1255	0.0000	0.0000	0	0.00		
May 2018	DAGB	Future	11	17.1751	17.1707	0.0000	0.0000	0	0.00		
			<u>20</u>					<u>0.00</u>	<u>0.00</u>	<u>53 724.00</u>	<u>881 424 413.00</u>
		Total	20					0.00	0.00	261 037.00	881 424 413.00
Future											
Apr 2018	DAUS	Future	192	12.0060	12.0166	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	1,551	12.0028	12.0185	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	12.0144	12.0306	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	1,846	12.0176	12.0339	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	396	12.0241	12.0403	0.0000	0.0000	14	168,280.00		
May 2018	DAUS	Future	46,000	12.0354	12.0516	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.0419	12.0581	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.0738	12.0899	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	1,790	12.1187	12.1346	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.1232	12.1390	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.1502	12.1662	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.1563	12.1723	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.1578	12.1739	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	12.1608	12.1769	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,303	12.1669	12.1831	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.1866	12.2030	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,666	12.2138	12.2305	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.2562	12.2734	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>	
Oct 2018	DAUS	Future	70	12.2971	12.3147	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	Future	225	12.3031	12.3208	0.0000	0.0000	0	0.00	
Oct 2018	DAUS	Future	430	12.3062	12.3238	0.0000	0.0000	0	0.00	
Nov 2018	DAUS	Future	70	12.3258	12.3437	0.0000	0.0000	0	0.00	
Feb 2019	DAUS	Future	70	12.4641	12.4834	0.0000	0.0000	0	0.00	
Mar 2019	DAUS	Future	4,414	12.5266	12.5465	0.0000	0.0000	0	0.00	
Jul 2020	DAUS	Future	84,000	13.3157	13.3353	0.0000	0.0000	0	0.00	
			<u>149,524</u>					<u>14.00</u>	<u>168,280.00</u>	<u>9 243 177.00</u>

Option

Apr 2018	DAUS	12.03 Put	20,000	97.1671	99.0694	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2984.0984	2967.7000	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.1996	0.0000	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	28.5131	28.2764	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	38.9201	39.2209	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	43.0155	43.5200	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Put	288	60.1709	61.4410	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	220.0508	237.7411	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	192.8888	210.9981	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.94 Call	288	173.6939	192.0811	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.04 Put	240	135.7075	136.1218	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	95.4252	110.5310	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.11 Call	240	91.7713	106.6739	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1776.0600	1759.9441	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.1436	0.1127	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.1946	0.1594	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	9.7804	8.5300	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	278.7434	295.3298	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	21.6035	28.3989	0.0000	0.0000	0	0.00
May 2018	DAUS	12.25 Call	20,000	68.2101	81.0779	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	168.3850	186.1120	0.0000	0.0000	0	0.00
May 2018	DAUS	12.10 Call	100,000	123.5415	139.7918	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	717.6670	706.3239	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1821.8713	1805.8621	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.0798	0.1754	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	725.5323	715.5806	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2453.4373	2437.4154	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.2048	0.3619	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	2.0613	2.4461	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	48.2056	51.1164	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	118.7085	133.4882	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	160.2639	160.6410	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1730.6019	1715.4323	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>		
May 2018	DAUS	15.43 Call	500	1.0852	1.1040	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	0.6691	0.8733	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.80 Call	1,746	61.1776	66.8554	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	1697.8779	1684.5881	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	2.7054	2.6873	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	1.3657	1.4842	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	269.0416	268.0131	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	32.1506	36.1146	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	25.8607	29.2222	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	2309.4634	2295.8376	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	1.8609	1.9362	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1677.2744	1665.6524	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	2.6001	2.8719	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	0.9936	1.1256	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	448.0097	445.6433	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1729.4739	1717.8620	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	1.4801	1.6760	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1660.1668	1649.8390	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	2.9264	3.5545	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	1.1507	1.4426	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1646.8848	1637.2242	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	7.6036	10.4195	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	3.4965	5.0490	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1634.6581	1626.1280	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	14.8180	17.5098	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	7.8428	9.4968	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	294.3344	296.0307	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1685.5754	1677.0073	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	11.1840	13.0788	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	48.4367	50.2522	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	213.3487	216.2348	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	253.8010	266.5184	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1626.1462	1618.2697	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	19.9788	22.7152	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	10.6562	12.3491	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1496.2181	1489.6161	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	52.8603	56.3563	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1617.6857	1609.8760	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	23.9384	26.5930	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	12.9422	14.6001	0.0000	0.0000	0	0.00		
			<u>575,126</u>					<u>0.00</u>	<u>0.00</u>	<u>18 194 867.00</u>	<u>0.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
Total			724,650					14.00	168,280.00	27 438 044.00	112 065 785 863.90	
Option												
	May 2018	DAYJ	8.94 Call	100,000	1118.3725	854.6300	0.0000	0.0000	0	0.00		
	Jun 2018	DAYJ	8.34 Put	110,000	987.0451	1109.0814	0.0000	0.0000	0	0.00		
				<u>210,000</u>					<u>0.00</u>	<u>0.00</u>	200 000.00	0.00
	Total		210,000						0.00	0.00	200 000.00	0.00
Future												
	Jun 2018	EUUS	Future	190	1.2370	1.2446	0.0000	0.0000	0	0.00		
				<u>190</u>					<u>0.00</u>	<u>0.00</u>	703 628.00	7 967 376 542.00
	Total		190						0.00	0.00	703 628.00	7 967 376 542.00
Future												
	Sep 2018	JYZA	Future	283	8.6743	8.6156	0.0000	0.0000	0	0.00		
				<u>283</u>					<u>0.00</u>	<u>0.00</u>	18 783.00	186 145 988.86
Option												
	Jun 2018	JYZA	8.89 Put	1,200	2530.6620	2847.2483	0.0000	0.0000	0	0.00		
				<u>1,200</u>					<u>0.00</u>	<u>0.00</u>	25 800.00	0.00
	Total		1,483						0.00	0.00	44 583.00	186 145 988.86
Future												
	Jun 2018	ZAAD	Future	12,044	9.3901	9.4155	0.0000	0.0000	0	0.00		
	Sep 2018	ZAAD	Future	750	9.5029	9.5291	0.0000	0.0000	0	0.00		
	Dec 2018	ZAAD	Future	11,312	9.6147	9.6414	0.0000	0.0000	0	0.00		
				<u>24,106</u>					<u>0.00</u>	<u>0.00</u>	3 604 536.00	31 206 739 782.30
	Total		24,106						0.00	0.00	3 636 913.00	31 206 739 782.30
Future												
	Jun 2018	ZACA	Future	1,330	9.6144	9.6591	0.0000	0.0000	0	0.00		
				<u>1,330</u>					<u>0.00</u>	<u>0.00</u>	130 953.00	1 286 601 777.10
	Total		1,330						0.00	0.00	130 953.00	1 286 601 777.10
Future												
	Jun 2018	ZAEU	Future	122,056	14.9709	15.0818	14.9803	14.9600	330	4,944,130.50		
	Sep 2018	ZAEU	Future	57,137	15.2522	15.3647	15.2746	15.2490	500	7,630,900.00		
	Dec 2018	ZAEU	Future	4,549	15.5316	15.6465	0.0000	0.0000	0	0.00		
	Mar 2019	ZAEU	Future	2,625	15.8432	15.9604	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.1008	16.2154	0.0000	0.0000	0	0.00		
				<u>191,623</u>					<u>830.00</u>	<u>12,575,030.50</u>	14 408 035.00	205 042 409 321.30
Option												

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Jun 2018	ZAEU	13.50 Put	29,734	9.3524	7.6243	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	50,995	16.7443	13.4877	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.97 Put	6,460	27.7825	23.0279	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.25 Put	29,734	54.6898	44.4244	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.30 Call	10,000	734.4850	831.5937	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.40 Call	10,000	655.4280	746.6336	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.00 Call	3,000	287.9894	348.1284	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	50,995	476.9353	409.9715	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.63 Call	29,734	109.1746	137.3357	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.00 Call	3,000	58.7261	77.1433	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.44 Put	6,460	1496.5901	1395.6192	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	6,460	2.7021	2.9959	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	50,995	0.4550	0.7193	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	13.50 Put	29,734	25.7277	24.6880	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,824	108.4131	95.5854	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	891.6781	822.9504	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	132.7062	155.6021	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	15.7461	18.3921	0.0000	0.0000	0	0.00
			<u>607,507</u>					<i>0.00</i>	<i>0.00</i>
Total			799,130					830.00	12,575,030.50
									22 325 304.00
									205 042 409 321.30
Future									
Jun 2018	ZAFR	Future	1,215	12.6381	12.7349	0.0000	0.0000	0	0.00
			<u>1,215</u>					<i>0.00</i>	<i>0.00</i>
Total			1,215					0.00	0.00
									609 303.00
									6 506 705 521.30
Future									
Jun 2018	ZAGB	Future	187,577	17.2741	17.2698	17.1948	17.1600	505	8,683,200.00
Sep 2018	ZAGB	Future	18,494	17.5417	17.5365	17.4937	17.4937	500	8,746,850.00
Dec 2018	ZAGB	Future	5,393	17.8019	17.7979	0.0000	0.0000	0	0.00
Mar 2019	ZAGB	Future	3,129	18.0847	18.0814	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	5,465	18.3544	18.3497	0.0000	0.0000	0	0.00
			<u>220,058</u>					<i>1,005.00</i>	<i>17,430,050.00</i>
									10 455 604.00
									174 965 134 874.00
Option									
Jun 2018	ZAGB	17.50 Put	500	534.7450	546.8532	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	7.3383	8.0716	0.0000	0.0000	0	0.00
			<u>1,000</u>					<i>0.00</i>	<i>0.00</i>
Total			221,058					1,005.00	17,430,050.00
									12 229 717.00
									174 965 134 874.00
Future									
Jun 2018	ZAJY	Future	8,296	0.1132	0.1140	0.0000	0.0000	0	0.00

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			8,296					0.00	0.00	978 643.00	10 906 872 238.10	
		Total	8,296					0.00	0.00	978 643.00	10 906 872 238.10	
Future												
	Jun 2018	ZAKS	Future	1,145	0.1185	0.1184	0.0000	0.0000	0	0.00		
	Sep 2018	ZAKS	Future	562	0.1178	0.1178	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	ZANZ	Future	0	8.9245	8.9351	8.9184	8.9184	250	2,229,600.00		
				0					250.00	2,229,600.00	145 896.00	1 119 120 237.60
		Total	0					250.00	2,229,600.00	165 896.00	1 119 120 237.60	
Future												
	Jun 2018	ZATR	Future	12,120	2.9018	2.8692	0.0000	0.0000	0	0.00		
				12,120					0.00	0.00	250 309.00	896 989 419.50
		Total	12,120					0.00	0.00	250 309.00	896 989 419.50	
Future												
	Jun 2018	ZAUM	Future	385	12.1022	12.1181	12.0811	12.0766	40	48,378,850.00		
	Sep 2018	ZAUM	Future	50	12.2396	12.2565	12.2566	12.2566	5	6,128,300.00		
	Dec 2018	ZAUM	Future	28	12.3726	12.3910	0.0000	0.0000	0	0.00		
				463					45.00	54,507,150.00	149 278.00	171 842 796 220.00
		Total	463					45.00	54,507,150.00	153 801.00	171 842 796 220.00	
Future												
	Jun 2018	ZAUS	Future	904,337	12.1022	12.1181	12.1200	12.0705	10,474	126,673,073.70		
	Sep 2018	ZAUS	Future	53,444	12.2396	12.2565	0.0000	0.0000	499	6,113,249.00		
	Dec 2018	ZAUS	Future	21,666	12.3726	12.3910	12.3500	12.3500	10	123,500.00		
	Mar 2019	ZAUS	Future	2,515	12.5132	12.5330	0.0000	0.0000	0	0.00		
	Jun 2019	ZAUS	Future	3,087	12.6490	12.6683	0.0000	0.0000	0	0.00		
				985,049					10,983.00	132,909,822.70	171 176 629.00	2 017 510 990 938.90
Option												
	Jun 2018	ZAUS	11.00 Put	60,750	9.1001	9.0774	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.20 Put	2,550	19.3890	19.0749	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.35 Call	10,000	784.7374	799.8806	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.45 Call	10,000	697.1027	711.8042	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.50 Put	30,216	52.3971	50.9279	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.60 Put	12,000	73.0144	71.1800	0.0000	0.0000	4,000	0.00		
	Jun 2018	ZAUS	11.70 Call	60	501.0896	514.7332	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	11.75 Put	60,000	113.9498	111.4604	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.77 Put	76,000	120.3863	117.7988	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.80 Put	1,500	130.4883	127.7509	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.90 Put	9,500	168.1318	164.8545	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Call	3,000	314.1795	326.2024	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	39,050	211.9795	208.1024	0.0000	0.0000	4,000	0.00
Jun 2018	ZAUS	12.06 Put	150	241.2761	237.0097	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	273.4557	268.7854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.13 Call	500	251.4558	262.6147	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	285.1136	280.3052	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	500	291.0325	286.1546	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	2,415	353.3511	347.7752	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	188.7443	198.7148	0.0000	0.0000	4,000	0.00
Jun 2018	ZAUS	12.30 Put	24,500	386.5443	380.6148	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	456.6451	450.0074	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	145.6124	154.5229	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	10,050	133.4276	141.9913	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	531.2276	523.8913	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	733.5423	724.5324	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	916.4342	906.1238	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	54.5427	59.9055	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,728	952.3427	941.8055	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	997.6329	986.8225	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	1107.9560	1096.5334	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	1135.8547	1124.2900	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	1229.6383	1217.6259	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	28.6756	32.2234	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1380.5277	1367.5095	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1399.5805	1386.4541	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1418.6717	1405.4392	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1553.2555	1539.3711	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1659.9790	1645.6826	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1708.7229	1694.2648	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1718.4874	1703.9986	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1738.0311	1723.4827	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1747.8101	1733.2331	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1806.5792	1791.8394	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	7.0495	7.9776	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1904.8495	1889.8776	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	2003.4567	1988.2951	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2151.8625	2136.4811	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	2.3154	2.5880	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	14.71 Call	50	2.1852	2.4204	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	2.1281	2.3457	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	2.0069	2.1815	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.9982	2.1693	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	1.9777	2.1395	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	1.9607	2.1140	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.9400	2.0805	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.9321	2.0662	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	1.9293	2.0608	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.7748	1.8810	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.8360	0.8903	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.5273	0.5632	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.4948	0.5287	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.4173	0.4463	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.3914	0.4187	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.2957	0.3169	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1636	0.1759	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1369	0.1474	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0854	0.0922	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0579	0.0627	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	120.1408	122.6017	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	125.1087	127.5709	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	152.1003	154.5384	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	201.4117	203.5987	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	239.9273	241.8141	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	305.3755	306.6494	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	464.1362	463.6724	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	1,600	331.3889	346.3605	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	667.5254	664.7559	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	695.9557	692.8788	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	253.4937	266.3960	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	246.0668	258.7390	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	844.5795	839.9744	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1168.1863	1161.1292	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	150.2931	159.8471	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	123.9633	132.4355	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	106.1995	113.8904	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	4.6856	9.2371	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	4.1775	8.3661	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	3.5409	7.2543	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	2.7551	5.8436	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	219.2649	222.3114	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	12.50 Call	150	504.8270	522.6783	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	13.00 Call	6,000	347.9890	362.8815	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	13.20 Call	7,000	301.1045	314.7661	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	13.80 Call	2,764	195.0271	206.0243	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	14.89 Call	1,000	88.2243	93.7229	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	15.95 Call	2,000	47.6420	50.8168	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	10.33 Put	1,000	28.4005	27.6513	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	11.74 Put	1,000	297.6879	300.2376	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.06 Put	4,145	429.3536	431.0917	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.45 Call	4,145	383.3334	397.9903	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.48 Call	1,000	208.9898	219.5027	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	62.1959	65.7662	0.0000	0.0000	0	0.00	
			<u>1,681,456</u>					<u>12,000.00</u>	<u>0.00</u>	<u>47 441 177.00</u>
		Total	<u>2,666,505</u>					<u>22,983.00</u>	<u>132,909,822.70</u>	<u>218 617 806.00</u>
										<u>2 017 510 990 938.90</u>

Grand Total	<u>4,672,330</u>							<u>25,127.00</u>	<u>219 819 933.20</u>	<u>297,944,120</u>	<u>2,798,382,164,542.78</u>
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