



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 28-March-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
	Mar 2018	CAHB	Future	0	0.0000	0.0000	0.0000	5,000	0.00		
				0				5,000.00	0.00	10 000.00	0.50
			Total	0				5,000.00	0.00	10 000.00	0.50
Future											
	Mar 2018	CAHC	Future	0	0.0000	0.0000	0.0000	5,000	0.00		
				0				5,000.00	0.00	5 250.00	0.03
			Total	0				5,000.00	0.00	5 250.00	0.03
Future											
	Mar 2018	CAHE	Future	0	0.0000	0.0000	0.0000	5,000	0.00		
				0				5,000.00	0.00	5 250.00	146 250.00
			Total	0				5,000.00	0.00	5 250.00	146 250.00
Future											
	Mar 2018	DAAD	Future	46	9.0397	8.9710	0.0000	46	413,080.00		
				46				46.00	413,080.00	77 220.00	731 699 590.60
			Total	46				46.00	413,080.00	146 220.00	731 699 590.60
Future											
	Mar 2018	DAEU	Future	3	14.5641	14.4312	0.0000	0	0.00		
	Apr 2018	DAEU	Future	107	14.5731	14.4592	0.0000	0	0.00		
	Apr 2018	DAEU	Future	16	14.6311	14.5285	0.0000	0	0.00		
	May 2018	DAEU	Future	41	14.6999	14.6007	0.0000	0	0.00		
				167				0.00	0.00	790 549.00	11 799 435 790.90
			Total	167				0.00	0.00	1 737 336.00	11 799 435 790.90
Future											
	Apr 2018	DAGB	Future	9	16.6928	16.5623	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
May 2018	DAGB	Future	11	16.7356	16.6067	0.0000	0.0000	0	0.00
			20					0.00	0.00
		Total	20					0.00	0.00
									53 724.00
									881 424 413.00
									261 037.00
									881 424 413.00

Future

Mar 2018	DAUS	Future	0	11.7908	11.6431	0.0000	0.0000	100,000	1,175,030,000.00
Mar 2018	DAUS	Future	1,709	11.7900	11.6431	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	40,250	11.7864	11.6524	0.0000	0.0000	20,000	235,640,000.00
Apr 2018	DAUS	Future	192	11.8031	11.6675	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,551	11.8047	11.6694	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	11.8161	11.6828	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	1,846	11.8194	11.6866	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	396	11.8259	11.6943	0.0000	0.0000	110	1,300,794.00
May 2018	DAUS	Future	70	11.8433	11.7121	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	11.8745	11.7441	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,790	11.9169	11.7835	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	11.9212	11.7880	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	11.9486	11.8150	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	11.9547	11.8209	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	11.9562	11.8224	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	11.9593	11.8254	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,853	11.9654	11.8314	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	11.9852	11.8509	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,766	12.0127	11.8778	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	12.0554	11.9197	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.0961	11.9591	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.1021	11.9650	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	430	12.1051	11.9679	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.1247	11.9869	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	12.2618	12.1203	0.0000	0.0000	0	0.00
Mar 2019	DAUS	Future	4,414	12.3237	12.1808	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	13.1097	12.9715	0.0000	0.0000	0	0.00
			146,133					120,110.00	1,411,970,794.00
									8 709 327.00
									105 641 056 386.30

Option

Mar 2018	DAUS	11.73 Put	252	15.8289	102.9087	0.0000	0.0000	0	0.00
Mar 2018	DAUS	11.76 Put	546	24.0196	128.0782	0.0000	0.0000	0	0.00
Mar 2018	DAUS	11.83 Call	252	20.4221	4.7407	0.0000	0.0000	0	0.00
Mar 2018	DAUS	11.87 Call	546	11.8751	2.8938	0.0000	0.0000	0	0.00
Mar 2018	DAUS	11.96 Call	60,000	3.4825	0.9680	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.00 Call	4,000	0.0190	0.0086	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.61 Call	20,000	208.3722	113.7408	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.85 Call	20,000	62.7819	0.0000	0.0000	0.0000	20,000	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>
Apr 2018	DAUS	12.00 Call	100,000	27.3098	12.7152	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.05 Call	20,000	20.4935	9.4447	0.0000	0.0000	20,000	0.00
Apr 2018	DAUS	11.65 Call	20,000	196.0502	108.3075	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	3182.3715	3315.4862	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	0.0362	0.0290	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.70 Put	400	115.7363	178.7487	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.76 Put	202	142.1572	214.0455	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.78 Put	100	151.7108	226.4998	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.87 Call	202	155.6614	110.7885	0.0000	0.0000	0	0.00
Apr 2018	DAUS	11.91 Call	100	140.1335	99.3700	0.0000	0.0000	0	0.00
Apr 2018	DAUS	12.10 Call	400	83.2756	58.4385	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1974.7975	2106.2182	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	0.3502	0.4834	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	0.1787	0.1554	0.0000	0.0000	0	0.00
May 2018	DAUS	11.50 Put	2,000	55.2016	95.1093	0.0000	0.0000	0	0.00
May 2018	DAUS	11.80 Call	2,000	195.5449	141.0110	0.0000	0.0000	0	0.00
May 2018	DAUS	12.50 Call	2,000	29.1490	20.2001	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	100,000	132.6338	96.5709	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	921.7827	1047.2114	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	2021.1622	2152.0805	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.6226	0.3477	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	929.9508	1053.5444	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2652.9652	2783.9438	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.5417	0.3032	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	8.6835	13.3757	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	145.7700	205.3371	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	103.6959	76.9051	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	315.3775	404.8383	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1931.4008	2060.0911	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	1.8684	1.3700	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.7136	0.5134	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1903.7246	2033.1044	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	1.9665	1.4319	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.7549	0.5385	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	417.1271	503.0546	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	33.9746	27.4939	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	28.1336	22.8887	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	2512.7723	2642.7840	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	1.8116	1.1852	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1879.3209	2005.6218	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	2.5457	1.8006	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	1.0202	0.7020	0.0000	0.0000	0	0.00

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Aug 2018	DAUS	12.32 Put	1,880	609.8269	702.9191	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1931.0624	2057.4331	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	1.5910	1.0500	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1858.9241	1982.5611	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	2.9056	2.0157	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	1.1967	0.8041	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1842.3940	1964.0966	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	8.1374	7.1915	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	3.9287	3.4828	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1828.1295	1948.0181	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	15.2912	12.8716	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	8.3709	6.9942	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	407.6605	474.7327	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1879.4535	1999.8701	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	11.7227	9.6872	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	77.8198	95.0577	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	306.5523	364.0134	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	236.3989	208.8697	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1816.8721	1935.1578	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	19.9427	16.9000	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	10.9291	9.1871	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1682.8796	1798.8609	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	55.1467	49.7092	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1805.6490	1922.7172	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	23.9540	20.4648	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	13.2910	11.2661	0.0000	0.0000	0	0.00		
			<u>677,920</u>				<u>40,000.00</u>		<u>0.00</u>	<u>18 052 065.00</u>	<u>0.00</u>
Total			824,053					160,110.00	1,411,970,794.00	26 761 392.00	105 641 056 386.30
Future											
Jun 2018	EUUS	Future	190	1.2417	1.2469	0.0000	0.0000	0	0.00		
			<u>190</u>				<u>0.00</u>		<u>0.00</u>	<u>703 628.00</u>	<u>7 967 376 542.00</u>
Total			190					0.00	0.00	703 628.00	7 967 376 542.00
Future											
Sep 2018	JYZA	Future	283	8.7192	8.7791	0.0000	0.0000	0	0.00		
			<u>283</u>				<u>0.00</u>		<u>0.00</u>	<u>18 783.00</u>	<u>186 145 988.86</u>
Option											
Jun 2018	JYZA	8.89 Put	1,200	2416.9130	2308.6595	0.0000	0.0000	0	0.00		
			<u>1,200</u>				<u>0.00</u>		<u>0.00</u>	<u>25 800.00</u>	<u>0.00</u>
Total			1,483					0.00	0.00	44 583.00	186 145 988.86

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Future										
Jun 2018	ZAAD	Future	9,675	9.1281	9.0700	9.0800	9.0686	415	3,764,411.60	
Sep 2018	ZAAD	Future	800	9.2396	9.1799	9.1810	9.1807	400	3,672,355.00	
Dec 2018	ZAAD	Future	11,062	9.3486	9.2869	9.2920	9.2909	500	4,645,725.00	
			<u>21,537</u>					<u>1,315.00</u>	<u>12,082,491.60</u>	<u>3 575 899.00</u>
		Total	21,537					1,315.00	12,082,491.60	3 608 276.00
Future										
Jun 2018	ZACA	Future	1,140	9.2486	9.1520	0.0000	0.0000	0	0.00	
			<u>1,140</u>					<u>0.00</u>	<u>0.00</u>	<u>129 543.00</u>
		Total	1,140					0.00	0.00	129 543.00
Future										
Jun 2018	ZAEU	Future	121,320	14.7780	14.6742	14.7461	14.7461	410	6,043,786.00	
Sep 2018	ZAEU	Future	52,372	15.0559	14.9489	0.0000	0.0000	0	0.00	
Dec 2018	ZAEU	Future	4,549	15.3345	15.2213	0.0000	0.0000	0	0.00	
Mar 2019	ZAEU	Future	2,625	15.6386	15.5243	0.0000	0.0000	0	0.00	
Jun 2019	ZAEU	Future	5,256	15.8855	15.7708	0.0000	0.0000	0	0.00	
			<u>186,122</u>					<u>410.00</u>	<u>6,043,786.00</u>	<u>14 379 379.00</u>
Option										
Jun 2018	ZAEU	13.50 Put	29,734	18.7256	25.7794	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.75 Put	50,995	36.4764	46.8885	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	6,460	62.4032	79.3802	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.25 Put	29,734	123.7447	154.2446	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.30 Call	10,000	616.6825	545.5547	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.40 Call	10,000	550.0606	483.3761	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.00 Call	3,000	256.1838	221.0414	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,995	655.8286	733.6668	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.63 Call	29,734	109.5069	93.1041	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.00 Call	3,000	64.4452	55.1808	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	1696.2055	1794.8410	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	4.4700	4.3051	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	0.5708	0.3841	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	45.1701	54.1016	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,824	182.0098	214.0997	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	1072.6539	1151.2514	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	131.1468	116.5186	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	17.2214	14.5626	0.0000	0.0000	0	0.00	
			<u>607,507</u>					<u>0.00</u>	<u>0.00</u>	<u>7 917 269.00</u>
		Total	793,629					410.00	6,043,786.00	22 296 648.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME		
Future												
	Jun 2018	ZAFR	Future	1,215	12.5563	12.4947	0.0000	0.0000	0	0.00		
				<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>609 303.00</u>	<u>6 506 705 521.30</u>
			Total	1,215					0.00	0.00	609 303.00	6 506 705 521.30
Future												
	Jun 2018	ZAGB	Future	180,552	16.8314	16.6989	0.0000	0.0000	5	83,828.50		
	Sep 2018	ZAGB	Future	15,766	17.0902	16.9537	0.0000	0.0000	0	0.00		
	Dec 2018	ZAGB	Future	3,045	17.3430	17.2003	0.0000	0.0000	0	0.00		
	Mar 2019	ZAGB	Future	3,129	17.6132	17.4668	0.0000	0.0000	0	0.00		
	Jun 2019	ZAGB	Future	5,465	17.8746	17.7316	0.0000	0.0000	0	0.00		
				<u>207,957</u>					<u>5.00</u>	<u>83,828.50</u>	<u>10 420 120.00</u>	<u>174 356 858 082.30</u>
Option												
	Jun 2018	ZAGB	17.50 Put	500	890.8518	988.6361	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	20.40 Call	500	9.1530	8.0365	0.0000	0.0000	0	0.00		
				<u>1,000</u>					<u>0.00</u>	<u>0.00</u>	<u>1 774 113.00</u>	<u>0.00</u>
			Total	208,957					5.00	83,828.50	12 194 233.00	174 356 858 082.30
Future												
	Jun 2018	ZAJY	Future	8,386	0.1126	0.1119	0.1127	0.1127	100	1,127,000.00		
				<u>8,386</u>					<u>100.00</u>	<u>1,127,000.00</u>	<u>978 533.00</u>	<u>10 905 631 638.10</u>
			Total	8,386					100.00	1,127,000.00	978 533.00	10 905 631 638.10
Future												
	Jun 2018	ZAKS	Future	1,145	0.1165	0.1146	0.0000	0.0000	0	0.00		
	Sep 2018	ZAKS	Future	562	0.1159	0.1144	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	8,320	2.9025	2.8796	0.0000	0.0000	0	0.00		
				<u>8,320</u>					<u>0.00</u>	<u>0.00</u>	<u>246 509.00</u>	<u>885 883 099.50</u>
			Total	8,320					0.00	0.00	246 509.00	885 883 099.50
Future												
	Jun 2018	ZAUM	Future	415	11.9010	11.7686	0.0000	0.0000	5	5,884,300.00		
	Sep 2018	ZAUM	Future	50	12.0386	11.9032	0.0000	0.0000	0	0.00		
	Dec 2018	ZAUM	Future	34	12.1713	12.0321	0.0000	0.0000	0	0.00		
				<u>499</u>					<u>5.00</u>	<u>5,884,300.00</u>	<u>149 157.00</u>	<u>171 696 773 320.00</u>
			Total	499					5.00	5,884,300.00	153 680.00	171 696 773 320.00

<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>	
Future										
Jun 2018	ZAUS	Future	852,016	11.9010	11.7686	11.9200	11.8050	44,715	530,710,957.70	
Sep 2018	ZAUS	Future	50,377	12.0386	11.9032	12.0500	12.0312	28	337,331.20	
Dec 2018	ZAUS	Future	21,381	12.1713	12.0321	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	Future	2,515	12.3104	12.1678	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	Future	3,087	12.4475	12.3070	0.0000	0.0000	0	0.00	
			<u>929,376</u>				<u>44,743.00</u>		<u>531,048,288.90</u>	<u>170 751 085.00</u> <u>2 012 371 179 486.30</u>
Option										
Jun 2018	ZAUS	11.00 Put	60,750	24.9647	39.6761	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.20 Put	2,550	50.2722	74.9626	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.35 Call	10,000	630.8984	533.0584	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.45 Call	10,000	557.2818	466.0579	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.50 Put	66	121.4594	166.0525	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.60 Put	4,000	155.9539	207.5146	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.70 Call	60	397.0990	323.2847	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.75 Put	60,000	218.3072	280.3865	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.77 Put	76,000	227.5903	291.7225	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.80 Put	1,500	241.9372	309.1386	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.90 Put	9,500	293.3969	370.6301	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Call	3,000	254.2668	205.6586	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Put	35,050	353.2668	437.0586	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.12 Put	372	431.7158	522.6249	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.13 Call	500	209.5558	168.6203	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.14 Call	8,000	206.4401	166.0521	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.14 Put	155,500	445.4401	537.4521	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Put	500	452.3682	544.9239	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.24 Call	500	177.6161	142.3961	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Put	2,415	523.9567	621.6203	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.30 Put	24,500	561.2280	661.2349	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.40 Put	12,603	638.4467	742.5491	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.50 Call	2,550	119.8627	95.0078	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.50 Put	114,600	718.8627	826.4078	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.75 Put	66	930.3053	1045.7094	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.96 Put	2,700	1117.8319	1237.8256	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.00 Call	15,500	55.3438	43.1721	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.00 Put	21,728	1154.3438	1274.5721	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.05 Put	1,250	1200.2878	1320.8075	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.17 Put	965	1310.7052	1433.0028	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.20 Put	372	1338.4146	1461.2961	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.30 Put	25,500	1431.5912	1556.2235	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.35 Call	60,000	29.6088	22.6093	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	13.46 Put	5,183	1582.9222	1709.7915	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	13.48 Put	7,420	1602.0056	1729.1118	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1621.1217	1748.4560	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1755.7800	1884.4898	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1862.4694	1992.0239	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1911.1805	2041.0608	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1920.9376	2050.8789	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1940.4652	2070.5251	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1950.2356	2080.3532	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	2008.9495	2139.3869	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	8.1152	6.6026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	2107.1152	2238.0026	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	2205.6110	2336.8584	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	2353.8510	2486.2216	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	3.9253	3.9252	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	3.6610	3.4959	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	3.5396	3.2946	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	3.2596	2.8135	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	3.2374	2.7738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	3.1828	2.6738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	3.1341	2.5810	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	3.0664	2.0047	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	2.7837	1.7471	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	2.6315	1.6466	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.6046	0.9779	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.7762	0.4554	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.4982	0.2856	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.4686	0.2678	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.3978	0.2255	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.3740	0.2113	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.2858	0.1593	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.1620	0.0877	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1366	0.0734	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0869	0.0456	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0600	0.0309	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	200.4826	248.7947	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	238.4724	291.6779	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	302.9150	363.3753	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	350.7761	415.9603	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,250	429.6921	503.5937	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	615.4826	703.1138	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	100	293.9866	253.5278	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	836.8680	935.3972	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>
Sep 2018	ZAUS	12.65 Put	1,550	867.2244	966.9825	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	1023.8287	1129.5958	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	1358.9219	1472.3654	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	140.5249	119.5747	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	100.2285	85.1965	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	7.1073	6.8146	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	6.4332	6.1825	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	5.5738	5.3748	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	4.4852	4.3478	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	308.9904	365.1279	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	455.2598	406.2750	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	320.5853	286.0074	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,000	279.8929	249.7493	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	182.7744	161.7822	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.89 Call	1,000	88.0045	79.3728	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	47.4026	40.9289	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	61.3177	55.1331	0.0000	0.0000	0	0.00
			<u>1,609,716</u>					<u>0.00</u>	<u>0.00</u>
		Total	<u>2,539,092</u>					<u>44,743.00</u>	<u>531,048,288.90</u>
								<u>218 063 177.00</u>	<u>2 012 371 179 486.30</u>

Grand Total	<u>4,410,441</u>	<u>221,734.00</u>	<u>1 968 653 569.00</u>	<u>296,371,991</u>	<u>2,785,321,587,277.58</u>
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