



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 07-May-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
May 2018	DAEU	Future	41	15.0323	15.0637	0.0000	0.0000	0	0.00		
			<u>41</u>					<u>0.00</u>	<u>0.00</u>	790 899.00	11 804 604 189.10
		Total	41					0.00	0.00	1 737 686.00	11 804 604 189.10
Future											
May 2018	DAGB	Future	11	17.0841	17.0319	0.0000	0.0000	0	0.00		
			<u>11</u>					<u>0.00</u>	<u>0.00</u>	53 733.00	881 578 220.30
		Total	11					0.00	0.00	261 046.00	881 578 220.30
Future											
May 2018	DAUS	Future	0	12.5725	12.5858	0.0000	0.0000	54,000	678,915,000.00		
May 2018	DAUS	Future	70	12.5809	12.5892	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	46,000	12.5978	12.6062	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	34,600	12.5994	12.6079	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	20,000	12.6045	12.6130	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	40,000	12.6113	12.6197	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.6147	12.6231	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	1,746	12.6283	12.6367	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	9,546	12.6483	12.6563	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	2,085	12.6631	12.6711	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.6681	12.6760	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.6972	12.7054	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.7036	12.7119	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.7052	12.7135	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	12.7084	12.7168	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	2,515	12.7148	12.7233	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.7356	12.7443	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	2,879	12.7643	12.7733	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.8089	12.8183	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.8519	12.8617	0.0000	0.0000	0	0.00		

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>		
Oct 2018	DAUS	Future	225	12.8582	12.8681	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	1,643	12.8614	12.8713	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.8820	12.8920	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	1,212	12.9084	12.9186	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.0048	13.0157	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.0249	13.0359	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,225	13.0478	13.0591	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.0890	13.1008	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,225	13.1408	13.1534	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.8596	13.8729	0.0000	0.0000	0	0.00		
			<u>260,181</u>					<u>54,000.00</u>	<u>678,915,000.00</u>	<u>9 819 352.00</u>	<u>119 188 539 309.20</u>

Option

May 2018	DAUS	12.74 Put	1,880	179.9623	185.4602	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1280.8236	1274.1169	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	0.0536	0.0849	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	212.7360	217.0892	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	1914.1435	1905.7714	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.1267	0.1282	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	0.0000	0.0071	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	0.4524	0.3607	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	401.5005	414.7171	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	5.7898	7.4947	0.0000	0.0000	0	0.00
May 2018	DAUS	11.95 Call	30,000	652.2580	662.1580	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	30,000	606.2067	616.6403	0.0000	0.0000	0	0.00
May 2018	DAUS	12.37 Call	30,000	300.6919	314.8635	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Call	80,000	163.6455	178.2198	0.0000	0.0000	0	0.00
May 2018	DAUS	12.45 Call	40,000	261.3653	275.2479	0.0000	0.0000	0	0.00
May 2018	DAUS	12.46 Call	30,000	255.2842	269.1876	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Put	270	175.8992	180.6671	0.0000	0.0000	0	0.00
May 2018	DAUS	12.69 Call	270	152.9257	165.5588	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1190.8814	1184.0267	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.2102	0.2899	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.1131	0.1930	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	147.9908	158.3897	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1176.9454	1172.3187	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	1.8904	2.0908	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.7903	1.9246	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	24.5176	25.7159	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	196.6694	198.8499	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	136.3723	142.7275	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	64.9572	66.5569	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	68.7218	72.9012	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Jul 2018	DAUS	13.73 Call	1,000	55.7174	59.3594	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	1775.3200	1769.4327	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	4.0533	4.4064	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1173.0849	1168.3262	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	5.7347	6.2965	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	3.0869	3.3774	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	176.2076	177.0054	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1225.9371	1220.8793	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	4.4529	4.9442	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1173.9757	1168.9125	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	9.2710	9.9709	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	4.1017	4.5129	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1175.1371	1169.8616	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	14.7982	16.9339	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	7.2902	8.9268	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1176.6739	1171.1448	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	28.9933	30.9944	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	17.4912	18.9987	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	127.2693	127.3031	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1225.0776	1219.3970	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	23.3573	25.3130	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	20.4806	21.0699	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	87.1091	87.1736	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	414.3346	420.5569	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1179.5451	1174.2713	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	40.5270	42.6836	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	23.1800	24.6250	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1064.6294	1059.6553	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	80.5315	82.9479	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1180.9528	1175.9122	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	49.5809	51.7843	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	28.3392	29.7955	0.0000	0.0000	0	0.00		
			<u>568,206</u>					<u>0.00</u>	<u>0.00</u>	<u>18 498 245.00</u>	<u>0.00</u>
		Total	828,387					54,000.00	678,915,000.00	28 317 597.00	119 188 539 309.20
Option											
	Jun 2018	DAYJ	8.34 Put	110,000	1047.6802	1125.4520	0.0000	0.0000	0	0.00	
			<u>110,000</u>					<u>0.00</u>	<u>0.00</u>	<u>110 000.00</u>	<u>0.00</u>
		Total	110,000					0.00	0.00	110 000.00	0.00
Future											
	Jun 2018	EUUS	Future	170	1.1952	1.1969	1.1971	1.1947	35	418,645.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			170					35.00	418,645.00	703,988.00	7,971,747,682.00	
		Total	170					35.00	418,645.00	703,988.00	7,971,747,682.00	
Future												
	Sep 2018	JYZA	Future	283	8.4641	8.4481	0.0000	0.0000	0	0.00		
				283					0.00	0.00	18,783.00	186,145,988.86
Option												
	Jun 2018	JYZA	8.89 Put	1,200	3346.4297	3510.4227	0.0000	0.0000	0	0.00		
				1,200					0.00	0.00	25,800.00	0.00
		Total	1,483					0.00	0.00	44,583.00	186,145,988.86	
Future												
	Jun 2018	ZAAD	Future	13,367	9.5101	9.5221	9.5139	9.4700	400	3,801,125.00		
	Sep 2018	ZAAD	Future	1,250	9.6279	9.6404	9.6315	9.6315	400	3,852,600.00		
	Dec 2018	ZAAD	Future	10,912	9.7431	9.7557	9.7512	9.7512	400	3,900,480.00		
				25,529					1,200.00	11,554,205.00	3,615,540.00	31,311,088,083.70
		Total	25,529						1,200.00	11,554,205.00	3,647,917.00	31,311,088,083.70
Future												
	Jun 2018	ZACA	Future	1,500	9.8401	9.8414	0.0000	0.0000	0	0.00		
				1,500					0.00	0.00	131,193.00	1,288,920,267.10
		Total	1,500					0.00	0.00	131,193.00	1,288,920,267.10	
Future												
	Jun 2018	ZAEU	Future	115,555	15.1132	15.1449	15.1266	15.0558	1,476	22,307,381.70		
	Sep 2018	ZAEU	Future	58,975	15.3982	15.4313	15.4057	15.4057	1,468	22,599,925.00		
	Dec 2018	ZAEU	Future	7,625	15.6815	15.7157	0.0000	0.0000	0	0.00		
	Mar 2019	ZAEU	Future	4,686	15.9950	16.0314	0.0000	0.0000	0	0.00		
	Jun 2019	ZAEU	Future	5,256	16.2616	16.2985	0.0000	0.0000	0	0.00		
				192,097					2,944.00	44,907,306.70	14,512,620.00	206,638,576,696.50
Option												
	Jun 2018	ZAEU	13.50 Put	29,734	4.4981	4.8857	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	50,995	7.9466	8.9573	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.97 Put	6,460	12.3215	14.0658	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.25 Put	29,734	22.2670	25.5239	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.30 Call	10,000	838.0500	873.3593	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	14.40 Call	10,000	747.3505	780.3546	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.00 Call	3,000	324.6326	352.7334	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	50,995	350.9846	342.0991	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.63 Call	29,734	109.5259	125.0977	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	16.00 Call	3,000	52.6413	63.6752	0.0000	0.0000	0	0.00		

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Jun 2018	ZAEU	16.44 Put	6,460	1345.2657	1319.9062	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	1.6383	1.8279	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,995	0.4152	0.5630	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	18.5577	20.8056	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,824	76.4335	77.2914	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	784.4883	771.0581	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	148.4663	159.9517	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	16.4997	17.1634	0.0000	0.0000	0	0.00	
			607,507					0.00	0.00	7 917 269.00
		Total	799,604					2,944.00	44,907,306.70	22 429 889.00 206 638 576 696.50
Future										
Jun 2018	ZAFR	Future	1,215	12.6433	12.6800	0.0000	0.0000	0	0.00	
			1,215					0.00	0.00	609 303.00 6 506 705 521.30
		Total	1,215					0.00	0.00	609 303.00 6 506 705 521.30
Future										
Jun 2018	ZAGB	Future	429,969	17.1881	17.1350	17.1963	17.1486	1,500	25,762,286.00	
Sep 2018	ZAGB	Future	18,994	17.4638	17.4113	17.4705	17.4705	1,000	17,470,500.00	
Dec 2018	ZAGB	Future	7,367	17.7323	17.6791	17.7474	17.7474	1,000	17,747,400.00	
Mar 2019	ZAGB	Future	4,932	18.0218	17.9701	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.2889	18.2376	0.0000	0.0000	0	0.00	
			466,727					3,500.00	60,980,186.00	10 772 681.00 180 431 604 289.50
Option										
Jun 2018	ZAGB	17.50 Put	500	527.0443	575.2538	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	2.4482	2.9608	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	1 774 113.00 0.00
		Total	467,727					3,500.00	60,980,186.00	12 546 794.00 180 431 604 289.50
Future										
Jun 2018	ZAJY	Future	8,421	0.1160	0.1162	0.0000	0.0000	0	0.00	
			8,421					0.00	0.00	978 768.00 10 908 333 138.10
		Total	8,421					0.00	0.00	978 768.00 10 908 333 138.10
Future										
Jun 2018	ZAKS	Future	1,145	0.1253	0.1253	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1248	0.1238	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

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jun 2018	ZATR	Future	3,940	2.9239	2.9387	0.0000	0.0000	0	0.00	
			<u>3,940</u>					<u>0.00</u>	<u>0.00</u>	<u>258 929.00</u>
		Total	3,940					0.00	0.00	258 929.00
Future										
Jun 2018	ZAUM	Future	392	12.6450	12.6531	12.6513	12.6431	22	27,804,820.00	
Sep 2018	ZAUM	Future	57	12.7913	12.8006	12.7972	12.7931	10	12,795,150.00	
Dec 2018	ZAUM	Future	10	12.9302	12.9405	12.9402	12.9402	5	6,470,100.00	
			<u>459</u>					<u>37.00</u>	<u>47,070,070.00</u>	<u>149 668.00</u>
		Total	459					37.00	47,070,070.00	154 191.00
Future										
Jun 2018	ZAUS	Future	1,145,190	12.6450	12.6531	12.6522	12.5900	58,526	738,139,996.10	
Sep 2018	ZAUS	Future	87,627	12.7913	12.8006	12.7972	12.7700	4,923	62,817,384.40	
Dec 2018	ZAUS	Future	24,921	12.9302	12.9405	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	Future	3,498	13.0753	13.0869	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	Future	3,087	13.2086	13.2212	0.0000	0.0000	0	0.00	
			<u>1,264,323</u>					<u>63,449.00</u>	<u>800,957,380.50</u>	<u>172 604 628.00</u>
										<u>2 035 189 272 224.10</u>
Option										
Jun 2018	ZAUS	11.00 Put	60,750	1.0257	1.2925	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.20 Put	2,550	2.0400	2.5137	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.35 Call	10,000	1298.3990	1307.2144	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.45 Call	10,000	1199.7988	1208.8127	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.50 Put	40,216	5.7148	6.7325	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.60 Put	12,000	8.0729	9.3215	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.75 Put	60,000	13.4111	15.0548	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.77 Put	76,000	14.3350	16.0345	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.80 Put	5,500	15.8341	17.6180	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.90 Put	9,500	21.9597	24.0245	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Call	3,000	675.2362	685.6656	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Put	38,700	30.2362	32.5656	0.0000	0.0000	10,000	0.00	
Jun 2018	ZAUS	12.06 Put	150	39.2336	41.8193	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.12 Put	372	50.0700	52.8803	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.14 Put	155,500	54.1220	56.9971	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Call	500	551.2331	562.2386	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Put	1,000	56.2331	59.1386	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.23 Call	3,000	490.2680	501.4691	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Call	40,000	475.6455	486.8795	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Put	12,415	80.6455	83.7795	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.30 Call	4,000	440.2185	451.5048	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.30 Put	24,500	95.2185	98.4048	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.40 Put	15,103	129.3726	132.5205	0.0000	0.0000	0	0.00	

<u>DATE</u>	<u>CONTRACT</u>		<u>OPEN INT</u>	<u>MTM</u>	<u>PREV MTM</u>	<u>HIGH</u>	<u>LOW</u>	<u>DAILY VOLUME</u>	<u>CUMULATIVE VOLUME</u>
Jun 2018	ZAUS	12.45 Call	150	344.0196	355.1742	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	6,550	315.4012	326.4138	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	170.4012	173.3138	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	304.8053	306.4900	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	449.4927	449.7732	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	124.5533	132.6412	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	479.5533	479.5412	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	518.1061	517.7268	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	614.6139	613.3539	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	639.5292	638.0518	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	724.5559	722.3787	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	62.7806	68.3884	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	865.0494	861.8922	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	883.0230	879.7494	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	901.0774	897.6891	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1029.4794	1025.3400	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1132.4564	1127.7903	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1179.7608	1174.8736	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1189.2548	1184.3248	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1208.2741	1203.2607	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1217.7991	1212.7443	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1275.1486	1269.8557	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	16.0151	18.3539	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1371.0151	1365.2539	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1467.7105	1461.5481	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1613.9683	1607.3171	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	4.6620	5.4842	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	3.0616	3.6257	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	2.4255	2.8816	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	1.2124	1.4511	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	1.1318	1.3554	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.9871	1.1809	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.9918	1.1767	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	1.0031	1.1748	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	1.0109	1.1761	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	1.0146	1.1772	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	1.0547	1.1963	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	1.1346	1.2514	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	1.1937	1.2975	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	1.2024	1.3045	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	1.1171	1.2101	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	1.0491	1.1372	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	16.65 Call	500	0.7971	0.8667	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.4452	0.4874	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.3736	0.4098	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.2342	0.2583	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.1594	0.1766	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	34.2252	34.4593	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	35.4322	35.6445	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	46.4499	46.7246	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	83,314	67.6449	68.0219	0.0000	0.0000	10,000	0.00
Sep 2018	ZAUS	11.85 Put	48,200	85.2996	85.7452	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	95.2825	95.7620	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	117.7122	118.2524	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	732.3246	741.9737	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	0	191.0246	191.3737	0.0000	0.0000	20,000	0.00
Sep 2018	ZAUS	12.30 Put	100	209.0919	209.2886	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	240.1009	240.0298	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	582.7582	591.5283	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	24,000	291.4582	290.9283	0.0000	0.0000	20,000	0.00
Sep 2018	ZAUS	12.61 Put	13,231	343.5826	342.5864	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	363.7156	362.5350	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	449.0733	456.6319	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	435.9262	443.3389	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	474.2711	472.1792	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.88 Put	250	492.4814	490.2717	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	20,000	359.7136	366.3071	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	296.3861	302.1646	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	282.3607	287.9371	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	741.0607	737.3371	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	268.9992	274.3790	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	221.5216	226.2202	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	191.2919	195.6651	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	14.6785	15.4815	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	13.1771	13.9195	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	11.2726	11.9351	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	8.8809	9.4364	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	95.5033	95.6991	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	303.5930	303.1286	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	785.5584	795.0167	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	100	355.3584	354.5167	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	416.5962	415.3040	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	549.4084	557.0308	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	476.2148	483.1208	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	13.80 Call	2,764	311.1387	316.3103	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	13.95 Call	39,589	280.3552	285.2786	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	14.89 Call	1,000	143.5486	146.9230	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	15.00 Call	1,000	132.7313	135.9429	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	15.95 Call	2,000	71.3294	73.7814	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	10.33 Put	1,000	8.8200	9.2320	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	11.74 Put	1,000	155.5974	155.9426	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.06 Put	4,145	241.0927	241.1411	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.76 Put	250	525.5980	524.3276	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.45 Call	4,145	563.8552	571.8813	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.48 Call	1,000	317.8302	322.9200	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	15.20 Call	1,000	210.4983	214.8091	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	99.2216	102.5123	0.0000	0.0000	0	0.00	
			<u>2,002,824</u>					<u>60,000.00</u>	<u>0.00</u>	<u>47 963 954.00</u>
	Total		<u>3,267,147</u>					<u>123,449.00</u>	<u>800,957,380.50</u>	<u>220 568 582.00</u>
										<u>2 035 189 272 224.10</u>

Grand Total	5,517,341					185,165.00	1 644 802 793.20	301,216,875	2,830,870,882,707.08
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