



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 10-May-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
May 2018	DAEU	Future	41	14.7406	14.9563	0.0000	0.0000	0	0.00		
			<u>41</u>					<u>0.00</u>	<u>0.00</u>	<u>790 899.00</u>	<u>11 804 604 189.10</u>
		Total	41					0.00	0.00	1 737 686.00	11 804 604 189.10
Future											
May 2018	DAGB	Future	11	16.6857	17.0834	0.0000	0.0000	11	186,835.00		
			<u>11</u>					<u>11.00</u>	<u>186,835.00</u>	<u>53 744.00</u>	<u>881 765 055.30</u>
		Total	11					11.00	186,835.00	261 057.00	881 765 055.30
Future											
May 2018	DAUS	Future	70	12.3901	12.5793	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	46,000	12.3969	12.5946	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	34,600	12.3985	12.5962	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	20,000	12.4035	12.6013	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	40,000	12.4102	12.6080	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	270	12.4135	12.6114	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	1,746	12.4269	12.6249	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	9,546	12.4465	12.6447	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	2,085	12.4608	12.6596	0.0000	0.0000	276	3,425,491.20		
Jul 2018	DAUS	Future	100	12.4655	12.6645	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.4941	12.6938	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	500	12.5005	12.7002	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.5021	12.7018	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,345	12.5052	12.7050	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	2,515	12.5116	12.7115	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.5322	12.7324	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	2,879	12.5602	12.7609	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.6036	12.8052	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.6455	12.8480	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.6517	12.8543	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	1,643	12.6548	12.8575	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.6750	12.8780	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	1,212	12.7011	12.9043	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	12.7961	13.0001	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	12.8160	13.0203	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,225	12.8386	13.0438	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	12.8791	13.0862	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,225	12.9302	13.1395	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	13.6577	13.8647	0.0000	0.0000	0	0.00		
			<u>260,270</u>					<u>276.00</u>	<u>3,425,491.20</u>	<u>9 854 898.00</u>	<u>119 635 090 110.40</u>

Option

May 2018	DAUS	12.75 Put	11,000	366.0217	195.9178	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	2109.9169	1917.4112	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	0.1088	0.1111	0.0000	0.0000	0	0.00
May 2018	DAUS	10.90 Put	1,000	0.0000	0.0133	0.0000	0.0000	0	0.00
May 2018	DAUS	11.70 Put	1,000	0.3671	0.2346	0.0000	0.0000	0	0.00
May 2018	DAUS	12.20 Call	1,000	208.3752	392.2617	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Put	51,000	9.7150	4.3606	0.0000	0.0000	0	0.00
May 2018	DAUS	11.95 Call	30,000	456.6825	649.1149	0.0000	0.0000	0	0.00
May 2018	DAUS	12.00 Call	30,000	413.4350	603.3795	0.0000	0.0000	0	0.00
May 2018	DAUS	12.37 Call	30,000	152.1953	291.4868	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Call	80,000	65.8173	146.8159	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Call	40,000	75.7409	0.0000	0.0000	0.0000	40,000	0.00
May 2018	DAUS	12.80 Call	20,000	36.1601	86.0496	0.0000	0.0000	60,000	0.00
May 2018	DAUS	13.00 Call	0	16.4954	44.6159	0.0000	0.0000	20,000	0.00
May 2018	DAUS	12.45 Call	40,000	131.9444	249.8552	0.0000	0.0000	0	0.00
May 2018	DAUS	12.46 Call	30,000	127.8884	243.4315	0.0000	0.0000	0	0.00
May 2018	DAUS	12.24 Put	118	81.6140	0.0000	0.0000	0.0000	118	0.00
May 2018	DAUS	12.55 Call	118	106.1422	0.0000	0.0000	0.0000	118	0.00
May 2018	DAUS	12.60 Put	270	277.5714	163.0804	0.0000	0.0000	0	0.00
May 2018	DAUS	12.69 Call	270	68.6380	137.2001	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Call	118	56.5973	0.0000	0.0000	0.0000	118	0.00
May 2018	DAUS	13.80 Put	1,000	1388.1732	1192.3648	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.1135	0.1392	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.1240	0.0886	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	74.0211	133.5961	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1358.6211	1174.9668	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	1.3437	1.4597	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.4051	1.4262	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	35.5666	22.4244	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	275.7569	186.0558	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	80.0100	124.8364	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Jul 2018	DAUS	12.07 Put	2,000	97.6451	58.0481	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	37.9529	61.1645	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	29.9011	49.1601	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	1962.8458	1774.9102	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	3.0703	3.4647	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1343.3751	1169.0390	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	3.4855	4.9724	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	2.1194	2.7563	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	235.1134	167.0229	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1396.1024	1222.1866	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	2.5585	3.7829	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1336.2806	1169.2039	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	4.8439	8.3179	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	1.9807	3.6077	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1331.2808	1170.2052	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	5.9752	15.1894	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	2.3584	7.9259	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1326.6218	1171.5185	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	18.5354	29.3720	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	9.6506	18.0327	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	158.5260	119.4002	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1376.6652	1220.3218	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	14.0815	24.8018	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	10.83 Put	51,000	23.8190	19.6076	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.67 Put	51,000	108.8160	80.2415	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.22 Call	51,000	326.0350	402.2050	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1324.3530	1174.2473	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	27.0924	40.6066	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	14.4896	23.2934	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1201.5308	1058.4933	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	61.7851	78.9548	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1321.2166	1175.7874	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	34.1866	49.6819	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	18.7692	28.4234	0.0000	0.0000	0	0.00		
			<u>622,920</u>					<u>120,354.00</u>	<u>0.00</u>	<u>18 678 599.00</u>	<u>0.00</u>
		Total	883,190					120,630.00	3,425,491.20	28 533 497.00	119 635 090 110.40
Future											
Jun 2018	EUUS	Future	2,508	1.1909	1.1894	0.0000	0.0000	0	0.00		
			<u>2,508</u>					<u>0.00</u>	<u>0.00</u>	<u>706 546.00</u>	<u>8 002 375 802.00</u>
		Total	2,508					0.00	0.00	706 546.00	8 002 375 802.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Future											
Sep 2018	JYZA	Future	283	8.6321	8.5039	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	2193.7309	3002.9213	0.0000	0.0000	0	0.00		
Sep 2018	JYZA	8.17 Put	50,000	1671.2860	2012.0357	0.0000	0.0000	0	0.00		
			51,200					0.00	0.00	75 800.00	0.00
		Total	51,483					0.00	0.00	94 583.00	186 145 988.86
Future											
Jun 2018	ZAAD	Future	12,585	9.3311	9.4381	9.3447	9.3043	660	6,157,030.00		
Sep 2018	ZAAD	Future	850	9.4460	9.5547	9.4570	9.4568	400	3,782,770.00		
Dec 2018	ZAAD	Future	11,412	9.5581	9.6680	9.5730	9.5730	500	4,786,500.00		
			24,847					1,560.00	14,726,300.00	3 618 397.00	31 338 062 974.70
		Total	24,847					1,560.00	14,726,300.00	3 650 774.00	31 338 062 974.70
Future											
Jun 2018	ZACA	Future	1,500	9.7174	9.8322	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	113,021	14.8190	15.0362	14.9397	14.8057	587	8,720,640.40		
Sep 2018	ZAEU	Future	58,975	15.0959	15.3183	15.1384	15.1297	517	7,826,404.90		
Dec 2018	ZAEU	Future	7,625	15.3694	15.5970	15.4219	15.4219	500	7,710,950.00		
Mar 2019	ZAEU	Future	4,686	15.6760	15.9096	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	15.9427	16.1804	0.0000	0.0000	0	0.00		
			189,563					1,604.00	24,257,995.30	14 517 829.00	206 717 126 243.20
Option											
Jun 2018	ZAEU	13.50 Put	29,734	4.7745	4.8577	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,948	7.9706	8.0848	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	6,460	13.0533	12.4358	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.25 Put	29,734	40.5469	22.4921	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.30 Call	10,000	568.7430	761.3437	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	14.40 Call	10,000	491.4680	674.6872	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.00 Call	3,000	169.9973	272.4709	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,948	533.6241	387.9131	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.63 Call	29,734	45.4369	84.4919	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.00 Call	3,000	19.0452	37.7597	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	6,460	1628.0560	1416.0746	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	6,460	0.5941	1.0585	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jun 2018	ZAEU	20.55 Call	50,948	0.0283	0.1779	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	20.1608	15.8340	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,688	120.2947	83.2018	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	983.0530	831.1214	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	94.5837	131.2468	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Put	0	1758.6837	1572.9468	0.0000	0.0000	272	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	11.8576	13.4273	0.0000	0.0000	0	0.00	
			607,230					272.00	0.00	7 919 774.00
		Total	796,793					1,876.00	24,257,995.30	22 437 603.00 206 717 126 243.20
Future										
Jun 2018	ZAFR	Future	1,215	12.4266	12.6278	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	427,537	16.7865	17.1862	16.9906	16.8000	4,225	71,631,570.00	
Sep 2018	ZAGB	Future	18,594	17.0547	17.4594	17.2524	17.1878	2,100	36,181,810.00	
Dec 2018	ZAGB	Future	7,517	17.3136	17.7232	17.3400	17.3400	150	2,601,000.00	
Mar 2019	ZAGB	Future	4,932	17.5978	18.0139	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	17.8633	18.2834	0.0000	0.0000	0	0.00	
			464,045					6,475.00	110,414,380.00	10 782 456.00 180 598 707 043.20
Option										
Jun 2018	ZAGB	17.50 Put	500	804.4732	513.2473	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	1.2476	1.9201	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	1 774 113.00 0.00
		Total	465,045					6,475.00	110,414,380.00	12 556 569.00 180 598 707 043.20
Future										
Jun 2018	ZAJY	Future	8,421	0.1138	0.1155	0.0000	0.0000	0	0.00	
			8,421					0.00	0.00	978 785.00 10 908 529 828.10
		Total	8,421					0.00	0.00	978 785.00 10 908 529 828.10
Future										
Jun 2018	ZAKS	Future	1,145	0.1230	0.1247	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1224	0.1244	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	ZATR	Future	3,940	2.8910	2.9260	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			3,940					0.00	0.00	258 929.00	923 231 285.50	
		Total	3,940					0.00	0.00	258 929.00	923 231 285.50	
Future												
	Jun 2018	ZAUM	Future	427	12.4433	12.6414	12.4843	12.4804	35	43,598,200.00		
	Sep 2018	ZAUM	Future	47	12.5866	12.7878	12.6278	12.6275	10	12,627,650.00		
	Dec 2018	ZAUM	Future	10	12.7225	12.9259	12.7715	12.7679	10	12,769,700.00		
				484					55.00	68,995,550.00	149 735.00	172 413 033 820.00
		Total	484					55.00	68,995,550.00	154 258.00	172 413 033 820.00	
Future												
	Jun 2018	ZAUS	Future	1,131,085	12.4433	12.6414	12.5640	12.3805	103,094	1,286,271,534.90		
	Sep 2018	ZAUS	Future	87,923	12.5866	12.7878	12.6974	12.5401	1,827	23,081,950.60		
	Dec 2018	ZAUS	Future	24,027	12.7225	12.9259	12.7714	12.6900	1,034	13,202,758.60		
	Mar 2019	ZAUS	Future	4,948	12.8656	13.0721	12.9089	12.9089	500	6,454,450.00		
	Jun 2019	ZAUS	Future	3,087	12.9990	13.2081	0.0000	0.0000	0	0.00		
				1,251,070					106,455.00	1,329,010,694.10	172 789 633.00	2 037 515 801 397.60
Option												
	Jun 2018	ZAUS	11.00 Put	60,750	1.3526	1.0702	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.20 Put	2,550	2.8364	2.1557	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.35 Call	10,000	1098.0407	1295.0176	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.45 Call	10,000	999.9718	1196.3629	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.50 Put	40,216	7.9118	5.7412	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.60 Put	12,000	11.1133	7.6957	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.75 Put	60,000	18.4236	11.9848	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.77 Put	76,000	19.6983	12.7173	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.80 Put	5,500	21.7712	13.9024	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.90 Put	9,500	32.8014	18.7225	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.00 Call	3,000	494.5143	666.6391	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.00 Put	38,700	51.2143	25.2391	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.06 Put	150	65.2873	33.3870	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.12 Put	372	81.8414	43.3608	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.14 Put	155,500	87.9338	47.1262	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.15 Call	500	384.3910	540.4955	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.15 Put	1,000	91.0910	49.0955	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.23 Call	3,000	332.3440	478.4321	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.25 Call	40,000	320.0932	463.5495	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.25 Put	12,415	126.7932	72.1495	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.30 Call	4,000	290.8081	427.5079	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.30 Put	24,500	147.5081	86.1079	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.40 Put	15,103	194.6928	119.2236	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.45 Call	150	214.4147	329.8685	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	12.50 Call	6,550	193.7291	300.9336	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,480	250.4291	159.5336	0.0000	0.0000	250	0.00
Jun 2018	ZAUS	12.75 Put	66	421.2116	293.9802	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	589.2668	440.4001	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	66.4862	112.2685	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	623.1862	470.8685	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	666.2909	509.9521	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	771.7126	607.7778	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	798.6447	633.0244	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	889.8174	719.1380	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	29.4159	54.3109	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1039.3542	861.3282	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1058.3030	879.5011	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1077.3006	897.7506	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1211.4814	1027.4224	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1318.0159	1131.2680	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1366.6813	1178.9296	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1376.4339	1188.4925	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1395.9573	1207.6471	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1405.7278	1217.2378	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1464.4654	1274.9660	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	6.0428	12.8444	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1562.7428	1371.4444	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1661.4053	1468.6670	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1809.9391	1615.5736	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	1.6286	3.5081	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	1.0558	2.2587	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.8328	1.7706	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.6088	0.8594	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.6109	0.8001	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.6173	0.6959	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.6246	0.7066	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.6386	0.7262	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.6470	0.7380	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.6509	0.7433	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.6891	0.7948	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.7578	0.8855	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.5068	0.9488	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.4726	0.9581	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.3921	0.8901	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.3654	0.8339	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.2686	0.6270	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	16.92 Call	2,415	0.1399	0.3425	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.1149	0.2854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0681	0.1757	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0443	0.1179	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	44.5210	29.5986	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	47.0677	30.6257	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	61.4840	40.9773	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	83,314	88.9063	61.2496	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	111.4753	78.3757	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	124.1406	88.1320	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	153.1269	110.1853	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	582.5350	720.3875	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	267.7172	200.3954	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	304.7835	231.0364	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	451.9885	569.7575	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	24,000	365.3885	281.9575	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	426.2363	333.8096	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	450.2001	353.8741	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	342.2394	435.6222	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	331.8950	422.4695	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	578.7263	464.4302	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.88 Put	0	599.1780	482.7233	0.0000	0.0000	500	0.00
Sep 2018	ZAUS	13.00 Call	20,000	270.3712	346.8475	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	220.3419	284.3762	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	209.3994	270.5915	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	872.7994	732.7915	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	198.7927	257.4790	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	161.6141	211.1210	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	138.5712	181.8912	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	8.0761	13.2534	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	7.2022	11.8380	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	6.1042	10.0512	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	4.7449	7.8244	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	116.6522	88.6957	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	367.0107	295.1580	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	150	648.3507	772.6417	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	100	425.8507	346.7417	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	494.7790	407.8876	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	444.2626	536.7207	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	382.3555	464.1177	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	2,764	246.4522	301.6351	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	221.6155	271.6527	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	15.00 Call	1,000	100.7481	128.4430	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	55.1169	69.7806	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	10.4863	9.7994	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	183.0935	148.0331	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	280.5517	231.8580	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.76 Put	250	606.2679	517.1164	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	469.5488	552.8810	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	258.2487	309.5964	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.20 Call	1,000	169.4535	205.8957	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	27.8655	0.0000	0.0000	0.0000	6,000	0.00
Jun 2019	ZAUS	12.28 Put	1,000	403.8670	0.0000	0.0000	0.0000	6,000	0.00
Jun 2019	ZAUS	14.58 Call	1,000	354.4964	0.0000	0.0000	0.0000	6,000	0.00
Dec 2019	ZAUS	20.00 Call	2,000	81.1518	100.4536	0.0000	0.0000	0	0.00
			<u>2,004,824</u>					<u>18,750.00</u>	<u>0.00</u>
	Total		<u>3,255,894</u>					<u>125,205.00</u>	<u>1,329,010,694.10</u>
									<u>47 984 704.00</u>
									<u>2 037 515 801 397.60</u>

Grand Total	<u>5,497,079</u>							<u>255,812.00</u>	<u>1 551 017 245.60</u>	<u>301,931,529</u>	<u>2,834,031,927,218.18</u>
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