



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 20-October-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Oct 2017	DAEU	Future	800	16.1610	16.0463	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	21	16.2266	16.1125	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	16.2731	16.1592	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	16.3750	16.2564	0.0000	0.0000	0	0.00
			<u>2,421</u>					<u>0.00</u>	<u>0.00</u>
									<u>246 963.00</u>
									<u>3 560 816 255.30</u>
Option									
Jan 2018	DAEU	15.80 Put	193,000	258.5059	302.5241	0.0000	0.0000	477	0.00
			<u>193,000</u>					<u>477.00</u>	<u>0.00</u>
		Total	195,421					477.00	0.00
									<u>516 657.00</u>
									<u>0.00</u>
									<u>763 620.00</u>
									<u>3 560 816 255.30</u>
Future									
Oct 2017	DAGB	Future	43	18.0908	17.8875	0.0000	0.0000	0	0.00
			<u>43</u>					<u>0.00</u>	<u>0.00</u>
		Total	43					0.00	0.00
									<u>53 427.00</u>
									<u>876 149 704.50</u>
Future									
Oct 2017	DAUS	Future	0	13.7375	13.5340	0.0000	0.0000	20,000	273,975,000.00
Oct 2017	DAUS	Future	834	13.6964	13.5340	0.0000	0.0000	0	0.00
Oct 2017	DAUS	Future	38,513	13.7009	13.5362	0.0000	0.0000	85,200	1,165,366,200.00
Nov 2017	DAUS	Future	200	13.7234	13.5588	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	13.7392	13.5747	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	300	13.7460	13.5816	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,392	13.7482	13.5839	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	13.7729	13.6081	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	13.7774	13.6123	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	24	13.7862	13.6207	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,750	13.8107	13.6439	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	13.8373	13.6691	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	1,480	13.9149	13.7460	0.0000	0.0000	1,480	20,564,452.00
Feb 2018	DAUS	Future	70	13.9430	13.7735	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
May 2018	DAUS	Future	70	14.1302	13.9575	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.2403	14.0667	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.2785	14.1045	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.3292	14.1545	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.5259	14.3482	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.7303	14.5499	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.0126	15.8191	0.0000	0.0000	0	0.00		
			<u>136,427</u>					<u>106,680.00</u>	<u>1,459,905,652.00</u>	<u>6 595 681.00</u>	<u>79 272 779 493.80</u>

Option

Oct 2017	DAUS	14.00 Call	500	7.2552	6.8205	0.0000	0.0000	0	0.00
Oct 2017	DAUS	12.92 Put	1,000	1.9057	5.9277	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.39 Call	40,000	338.3498	212.3899	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.50 Put	60	47.3392	105.0567	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.55 Call	40,000	210.7565	113.8257	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.65 Call	30,000	144.0189	76.8706	0.0000	0.0000	0	0.00
Oct 2017	DAUS	13.70 Call	80,000	115.3603	0.0000	0.0000	0.0000	80,000	0.00
Oct 2017	DAUS	14.10 Call	1,000	20.0133	10.6512	0.0000	0.0000	0	0.00
Oct 2017	DAUS	17.45 Call	60	0.2397	0.3240	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.35 Put	20,000	40.7413	79.3625	0.0000	0.0000	20,000	0.00
Nov 2017	DAUS	13.55 Put	20,000	92.3275	0.0000	0.0000	0.0000	20,000	0.00
Nov 2017	DAUS	13.50 Put	60	159.1840	226.8533	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	1.9584	1.8234	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	21.7915	35.0044	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	262.8689	339.8155	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	4.9279	3.6568	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	175.2791	231.8665	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	195.7821	162.9124	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	174.2323	144.7430	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	216.2658	276.2053	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	223.0783	284.1095	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	233.5488	296.2163	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	270.6481	338.7805	0.0000	0.0000	531	0.00
Feb 2018	DAUS	12.57 Put	242	66.6153	92.6587	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	156.7236	202.9787	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	186.4748	240.1843	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	174.1451	147.2709	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	134.8953	113.3481	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	107.0883	89.7967	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	99.2207	83.1490	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	1312.6501	1439.7562	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	256.6671	225.6886	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
			955,708					120,531.00	0.00	14 236 453.00	0.00
		Total	1,092,135					227,211.00	1,459,905,652.00	20 832 134.00	79 272 779 493.80
Future											
	Dec 2017 EUUS	Future	45	1.1828	1.1887	0.0000	0.0000	0	0.00		
			45					0.00	0.00	648 483.00	7 285 972 927.00
		Total	45					0.00	0.00	648 483.00	7 285 972 927.00
Future											
	Dec 2017 ZAAD	Future	10,246	10.8025	10.7481	0.0000	0.0000	0	0.00		
	Mar 2018 ZAAD	Future	100	10.9499	10.8937	0.0000	0.0000	0	0.00		
	Jun 2018 ZAAD	Future	1,550	11.0943	11.0373	0.0000	0.0000	0	0.00		
			11,896					0.00	0.00	3 375 639.00	28 875 024 961.10
		Total	11,896					0.00	0.00	3 408 016.00	28 875 024 961.10
Future											
	Dec 2017 ZACA	Future	350	10.9752	10.9544	0.0000	0.0000	0	0.00		
			350					0.00	0.00	101 203.00	970 046 312.10
		Total	350					0.00	0.00	101 203.00	970 046 312.10
Future											
	Dec 2017 ZAEU	Future	94,389	16.3433	16.2262	16.3999	16.2900	1,950	31,821,038.30		
	Mar 2018 ZAEU	Future	13,967	16.6715	16.5502	16.6990	16.3194	500	8,291,830.00		
	Jun 2018 ZAEU	Future	201	16.9991	16.8750	0.0000	0.0000	0	0.00		
	Sep 2018 ZAEU	Future	2,544	17.3319	17.2049	0.0000	0.0000	0	0.00		
			111,101					2,450.00	40,112,868.30	12 699 119.00	178 710 521 293.30
		Total									
Option											
	Dec 2017 ZAEU	14.00 Put	18,000	8.6887	9.9160	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	16.39 Call	18,000	431.0034	381.8579	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.05 Put	5,648	117.3073	139.2992	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.10 Put	19,510	125.9902	149.1462	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	16.50 Call	643	779.2094	723.3163	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	13.75 Put	54,617	30.9303	36.9763	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	15.25 Put	54,617	204.7822	233.9827	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	20.55 Call	54,617	194.9736	189.0935	0.0000	0.0000	0	0.00		
			225,652					0.00	0.00	5 582 682.00	0.00
		Total	336,753					2,450.00	40,112,868.30	18 281 801.00	178 710 521 293.30
Future											
	Dec 2017 ZAFR	Future	1,502	14.0937	14.0623	0.0000	0.0000	0	0.00		
			1,502					0.00	0.00	597 303.00	6 345 431 521.60

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Total			1,502					0.00	0.00	597 303.00	6 345 431 521.60
Future											
Dec 2017	ZAGB	Future	198,864	18.2575	18.0507	18.2557	18.0929	1,143	20,761,981.10		
Mar 2018	ZAGB	Future	1,526	18.5756	18.3632	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	3,383	18.8878	18.6710	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	1,665	19.1978	18.9771	0.0000	0.0000	0	0.00		
			205,438					1,143.00	20,761,981.10	9 186 770.00	152 868 721 227.00
Option											
Dec 2017	ZAGB	18.20 Call	400	531.6453	436.5387	0.0000	0.0000	0	0.00		
Dec 2017	ZAGB	19.80 Call	800	111.8896	87.2398	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	17.00 Put	500	233.4961	281.0690	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	20.14 Call	500	364.5380	316.6266	0.0000	0.0000	0	0.00		
			2,200					0.00	0.00	1 770 013.00	0.00
Total			207,638					1,143.00	20,761,981.10	10 956 783.00	152 868 721 227.00
Future											
Dec 2017	ZAJY	Future	225	0.1222	0.1216	0.0000	0.0000	0	0.00		
			225					0.00	0.00	952 800.00	10 617 056 977.80
Total			225					0.00	0.00	952 800.00	10 617 056 977.80
Future											
Jun 2018	ZAKS	Future	1,145	0.1311	0.1299	0.0000	0.0000	0	0.00		
			1,145					0.00	0.00	30 799.00	417 691 770.00
Total			1,145					0.00	0.00	30 799.00	417 691 770.00
Future											
Dec 2017	ZATR	Future	4,775	3.6994	3.6764	0.0000	0.0000	35,000	129,514,000.00		
			4,775					35,000.00	129,514,000.00	232 443.00	840 432 591.50
Total			4,775					35,000.00	129,514,000.00	232 443.00	840 432 591.50
Future											
Dec 2017	ZAUM	Future	716	13.8173	13.6502	13.7826	13.7826	7	9,581,620.00		
Mar 2018	ZAUM	Future	17	14.0164	13.8456	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	9	14.2107	14.0373	0.0000	0.0000	41	58,187,200.00		
			742					48.00	67,768,820.00	143 100.00	163 891 851 280.00
Total			742					48.00	67,768,820.00	147 623.00	163 891 851 280.00
Future											
Dec 2017	ZAUS	Future	907,131	13.8173	13.6502	13.8664	13.7301	153,846	2,117,147,764.30		
Mar 2018	ZAUS	Future	108,626	14.0164	13.8456	14.0500	14.0000	5,512	77,189,400.00		

<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	Future	108,561	14.2107	14.0373	14.2390	14.1550	16,110	229,029,951.50		
Sep 2018	ZAUS	Future	2,462	14.4033	14.2273	0.0000	0.0000	84	1,196,235.60		
Sep 2020	ZAUS	Future	184,000	16.1369	15.9424	0.0000	0.0000	0	0.00		
			<u>1,310,780</u>					<u>175,552.00</u>	<u>2,424,563,351.40</u>	<u>156 136 751.00</u>	<u>1 823 586 103 200.90</u>

Option

Dec 2017	ZAUS	11.75 Put	1,000	7.2647	10.6118	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.00 Put	20,141	10.4410	15.7209	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.16 Put	550	13.2517	20.2983	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.20 Put	4,000	14.0772	21.6484	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.21 Put	18,000	14.2924	22.0006	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.40 Put	114,600	19.1453	33.6634	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.50 Put	16,416	25.9413	43.8682	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.56 Put	7,100	30.8888	51.0710	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	39.6891	63.5624	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.75 Put	10,000	51.6534	80.0538	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	52.9879	81.8635	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	93.6158	135.6971	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	115.9880	165.2257	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	121.0738	171.6072	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.15 Put	2,600	128.9931	181.4805	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	137.2600	191.7190	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	7,000	760.2668	648.9495	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	145.8793	202.3253	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.22 Put	7,100	148.8316	205.9423	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	725.2260	617.2425	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	190.8827	256.7421	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	208.9044	278.1524	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	565.3853	474.2994	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	508.7714	424.3699	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	426.8680	355.3584	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	354.2058	293.8182	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	327.8889	271.3867	0.0000	0.0000	19,000	0.00
Dec 2017	ZAUS	14.00 Put	33,000	510.5889	621.1867	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	208.8708	170.8834	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,000	186.2897	151.9233	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	868.9897	1001.7233	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	160.2524	130.3292	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	104.3015	84.2498	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	91.8442	73.2547	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	90.7902	72.3276	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	56.9053	44.4688	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	50.2050	39.1138	0.0000	0.0000	0	0.00

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Dec 2017	ZAUS	16.00 Call	117,200	30.4474	23.4419	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	8.9717	7.5945	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	8.1470	6.9812	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	3.8911	3.0329	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	42.0488	53.9954	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	76.4170	97.4593	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	88.0057	113.5332	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	96.9622	127.1033	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	172.9191	218.4524	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	188.5416	236.5859	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	253.9480	313.1035	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	263.8825	325.0819	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	311.6569	380.0616	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	319.6185	388.9596	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	877.6052	780.7904	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,000	361.2052	435.1904	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	405.7226	484.2870	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	739.3534	654.2492	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	561.8689	654.5933	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	767	628.5397	555.0808	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	720.5464	825.1356	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	464.0731	407.6835	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	352.3519	308.9023	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	343.1444	300.7538	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	340.8846	298.7532	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	331.9977	290.8937	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	321.2370	281.3837	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	298.8767	261.6339	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	271.0863	237.0266	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	237.7490	206.3073	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	231.3362	200.6816	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	195.1739	169.0135	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	164.9804	142.6534	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	148.3378	128.1535	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	12.0839	13.7657	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	32,782	21.9324	29.1668	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	59.6392	76.7422	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	114.8981	143.9621	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	32,782	187.2166	228.4859	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	242.3299	290.7158	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	760	253.8855	303.6892	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	268.8241	320.4127	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	13.17 Put	965	306.9681	362.8836	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.22 Put	15,000	323.8230	381.5569	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.30 Put	50	351.9740	412.6272	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.46 Put	5,183	412.6759	482.3208	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.48 Put	7,420	420.6760	491.6391	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	491.9634	569.6161	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	520.4823	600.3967	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.71 Call	50	617.8226	557.7577	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.81 Call	500	587.3668	530.3198	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	506.1760	457.0810	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	498.8053	450.4090	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	433.5356	391.4164	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	413.3620	372.1900	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	302.8120	271.5315	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	272.1462	243.9171	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	258.1554	231.3320	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	32,782	254.4820	228.0318	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	15.6009	17.2449	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	194.9494	225.5906	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	205.5381	238.1382	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	261.8597	306.8904	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1301.1189	1197.1154	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	503.3484	461.0049	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	489.6841	448.2487	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	470.9166	430.7262	0.0000	0.0000	0	0.00		
			<u>2,282,902</u>					<u>19,000.00</u>	<u>0.00</u>	<u>38 557 711.00</u>	<u>0.00</u>
Total			3,593,682					194,552.00	2,424,563,351.40	194 694 462.00	1 823 586 103 200.90
Grand Total			5,446,352					460,881.00	4 142 626 672.80	260,417,467	2,502,856,656,691.90