



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 25-May-2018

<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									
Jul 2018	DAEU	Future	34	14.7203	14.7737	0.0000	0.0000	0	0.00
			34					0.00	0.00
		Total	34					0.00	0.00
									790 974.00
									11 805 710 627.30
									1 737 761.00
									11 805 710 627.30
Future									
May 2018	DAUS	Future	0	12.5098	12.4839	0.0000	0.0000	50,000	625,094,000.00
May 2018	DAUS	Future	10,000	12.5025	12.4839	0.0000	0.0000	20,000	249,870,000.00
May 2018	DAUS	Future	270	12.5041	12.4808	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,746	12.5178	12.4941	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	20	12.3509	12.3509	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	5,947	12.5387	12.5140	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	1,981	12.5543	12.5290	0.0000	0.0000	26,000	324,831,000.00
Jul 2018	DAUS	Future	100	12.5593	12.5339	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.5888	12.5634	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	12.5954	12.5700	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	12.5970	12.5716	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,345	12.6003	12.5749	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,515	12.6069	12.5815	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.6276	12.6028	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,479	12.6562	12.6322	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	177	12.4777	12.4777	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	2,695	12.7015	12.6769	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.7452	12.7200	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.7516	12.7264	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,113	12.7549	12.7296	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.7759	12.7504	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	2,812	12.8034	12.7775	0.0000	0.0000	0	0.00
Dec 2018	DAUS	Future	1,580	12.8528	12.8257	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	1,225	12.9023	12.8739	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	12.9231	12.8942	0.0000	0.0000	0	0.00

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Feb 2019	DAUS	Future	1,225	12.9470	12.9175	0.0000	0.0000	0	0.00
Mar 2019	DAUS	Future	4,414	12.9888	12.9598	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	1,225	13.0414	13.0130	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	13.7546	13.7286	0.0000	0.0000	0	0.00
			<u>132,744</u>					<u>96,000.00</u>	<u>1,199,795,000.00</u>
									<u>10 064 900.00</u>
									<u>122 253 771 297.90</u>

Option

May 2018	DAUS	12.60 Call	40,000	15.7170	35.9200	0.0000	0.0000	0	0.00
May 2018	DAUS	12.45 Call	40,000	96.5875	106.2022	0.0000	0.0000	0	0.00
May 2018	DAUS	12.46 Call	30,000	90.1802	100.2492	0.0000	0.0000	0	0.00
May 2018	DAUS	12.24 Put	118	21.3115	30.0304	0.0000	0.0000	0	0.00
May 2018	DAUS	12.55 Call	118	76.3492	77.2705	0.0000	0.0000	0	0.00
May 2018	DAUS	12.60 Put	270	155.4912	180.6222	0.0000	0.0000	0	0.00
May 2018	DAUS	12.69 Call	270	37.4427	39.9742	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Call	118	27.1983	29.7464	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1296.0553	1319.5245	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	0.0657	0.0631	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	0.2103	0.1999	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.80 Call	1,746	56.7447	57.3351	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.47 Put	158	188.5182	206.1173	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.62 Call	158	204.9085	199.8573	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1263.4413	1289.0361	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	0.9435	0.9976	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	1.0608	1.1094	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	19.7966	23.4966	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	208.3726	226.4291	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	82.6801	81.8833	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	62.7674	71.7015	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	38.1741	38.3445	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	29.8220	30.0832	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1869.4512	1895.4097	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	2.7901	2.7663	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1254.6641	1280.1180	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	3.6789	3.6309	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	2.5461	2.2893	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	193.8726	206.8414	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1309.0497	1333.8652	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	3.0746	2.9580	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1255.4069	1278.0693	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	6.5460	6.5743	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	2.8216	2.8547	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1256.8372	1278.7641	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	12.2499	9.8023	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Sep 2018	DAUS	16.80 Call	500	5.8848	4.2579	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1258.6676	1279.8378	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	28.6638	26.6613	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	16.9438	15.5380	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	145.1558	151.7276	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1308.5268	1329.7407	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	23.6063	21.8760	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	22.8107	24.5500	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	99.9301	104.9236	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	375.8815	368.4169	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1260.7211	1281.4459	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	40.6910	38.5685	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	23.0804	21.7433	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	1142.7682	1163.1623	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	79.0536	76.9618	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1262.3341	1283.7014	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	49.7618	48.0162	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	28.8323	27.7366	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	2,500	733.6996	751.0661	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	599.8668	591.4768	0.0000	0.0000	0	0.00
			<u>351,236</u>					<i>0.00</i>	<i>0.00</i>
			Total	483,980				96,000.00	1,199,795,000.00
								28 786 315.00	122 253 771 297.90
Future									
Jun 2018	EUUS	Future	250	1.1672	1.1739	1.1695	1.1681	20	233,760.00
			<u>250</u>					<i>20.00</i>	<i>233,760.00</i>
			Total	250				20.00	233,760.00
								709 116.00	8 032 796 522.00
Future									
Sep 2018	JYZA	Future	283	8.5487	8.5541	0.0000	0.0000	0	0.00
			<u>283</u>					<i>0.00</i>	<i>0.00</i>
								18 783.00	186 145 988.86
Option									
Jun 2018	JYZA	8.79 Call	50,000	1006.6094	1059.0399	0.0000	0.0000	0	0.00
Jun 2018	JYZA	8.89 Put	1,200	2439.7082	2440.4886	0.0000	0.0000	0	0.00
Sep 2018	JYZA	8.17 Put	50,000	1831.8319	1822.0005	0.0000	0.0000	0	0.00
			<u>101,200</u>					<i>0.00</i>	<i>0.00</i>
			Total	101,483				0.00	0.00
								194 583.00	186 145 988.86
Future									
Jun 2018	ZAAD	Future	15,522	9.4708	9.4647	0.0000	0.0000	2,000	18,922,800.00
Sep 2018	ZAAD	Future	800	9.5895	9.5828	0.0000	0.0000	0	0.00

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Dec 2018	ZAAD	Future	11,412	9.7060	9.6976	0.0000	0.0000	0	0.00
			<u>27,734</u>					<u>2,000.00</u>	<u>18,922,800.00</u>
		Total	27,734					2,000.00	18,922,800.00
									3 628 144.00
									31 430 698 508.10
Future									
Jun 2018	ZACA	Future	2,080	9.6606	9.7048	0.0000	0.0000	0	0.00
			<u>2,080</u>					<u>0.00</u>	<u>0.00</u>
		Total	2,080					0.00	0.00
									132 343.00
									1 300 163 420.10
Future									
Jun 2018	ZAEU	Future	112,519	14.6307	14.6861	14.6645	14.6517	15,708	231,056,836.20
Sep 2018	ZAEU	Future	60,712	14.9112	14.9668	0.0000	0.0000	36	538,189.20
Dec 2018	ZAEU	Future	7,625	15.1873	15.2410	0.0000	0.0000	0	0.00
Mar 2019	ZAEU	Future	4,808	15.4954	15.5463	0.0000	0.0000	122	1,897,771.00
Jun 2019	ZAEU	Future	5,256	15.7676	15.8215	0.0000	0.0000	0	0.00
			<u>190,920</u>					<u>15,866.00</u>	<u>233,492,796.40</u>
									14 594 494.00
									207 853 400 837.10
Option									
Jun 2018	ZAEU	13.50 Put	29,734	4.4018	3.9838	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.75 Put	50,948	7.4806	6.5367	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	13.97 Put	6,460	16.0121	11.6365	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.25 Put	29,734	60.1598	49.0655	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.30 Call	10,000	403.7773	446.5703	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	14.40 Call	10,000	335.1133	374.6795	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.00 Call	3,000	88.0011	105.1298	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.25 Put	50,948	666.8133	622.0063	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	15.63 Call	29,734	17.9282	22.6829	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.00 Call	3,000	6.8600	8.8821	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	16.44 Put	6,460	1811.9699	1757.3024	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	18.61 Call	6,460	0.1833	0.2293	0.0000	0.0000	0	0.00
Jun 2018	ZAEU	20.55 Call	50,948	0.0024	0.0039	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	13.50 Put	29,734	28.1932	22.8193	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,688	173.1315	154.3668	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	1134.1473	1087.9680	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	81.1404	85.2190	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	7.0172	8.2414	0.0000	0.0000	0	0.00
			<u>607,230</u>					<u>0.00</u>	<u>0.00</u>
		Total	798,150					15,866.00	233,492,796.40
									22 514 268.00
									207 853 400 837.10
Future									
Jun 2018	ZAFR	Future	1,215	12.6630	12.6476	0.0000	0.0000	0	0.00
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>
									609 303.00
									6 506 705 521.30

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Total			1,215					0.00	0.00	609 303.00	6 506 705 521.30
Future											
Jun 2018	ZAGB	Future	431,203	16.7027	16.7429	0.0000	0.0000	3,302	55,245,086.00		
Sep 2018	ZAGB	Future	18,594	16.9771	17.0171	0.0000	0.0000	0	0.00		
Dec 2018	ZAGB	Future	7,517	17.2425	17.2799	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	Future	4,932	17.5303	17.5644	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	Future	5,465	17.7944	17.8284	0.0000	0.0000	0	0.00		
			<u>467,711</u>					<u>3,302.00</u>	<u>55,245,086.00</u>	<u>10 802 732.00</u>	<u>180 942 138 500.20</u>
Option											
Jun 2018	ZAGB	17.50 Put	500	846.3301	815.5500	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	20.40 Call	500	0.6434	0.7461	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			468,711					3,302.00	55,245,086.00	12 576 845.00	180 942 138 500.20
Future											
Jun 2018	ZAJY	Future	8,296	0.1148	0.1148	0.0000	0.0000	0	0.00		
			<u>8,296</u>					<u>0.00</u>	<u>0.00</u>	<u>985 278.00</u>	<u>10 983 324 643.00</u>
Total			8,296					0.00	0.00	985 278.00	10 983 324 643.00
Future											
Jun 2018	ZAKS	Future	1,145	0.1235	0.1234	0.0000	0.0000	0	0.00		
Sep 2018	ZAKS	Future	562	0.1230	0.1228	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	3,940	2.6335	2.5961	0.0000	0.0000	0	0.00		
			<u>3,940</u>					<u>0.00</u>	<u>0.00</u>	<u>258 929.00</u>	<u>923 231 285.50</u>
Total			3,940					0.00	0.00	258 929.00	923 231 285.50
Future											
Jun 2018	ZAUM	Future	419	12.5352	12.5107	0.0000	0.0000	0	0.00		
Sep 2018	ZAUM	Future	47	12.6837	12.6593	0.0000	0.0000	0	0.00		
Dec 2018	ZAUM	Future	10	12.8257	12.7992	0.0000	0.0000	0	0.00		
			<u>476</u>					<u>0.00</u>	<u>0.00</u>	<u>150 787.00</u>	<u>173 735 224 700.00</u>
Total			476					0.00	0.00	155 310.00	173 735 224 700.00
Future											
Jun 2018	ZAUS	Future	1,155,831	12.5352	12.5107	12.5568	12.4730	38,092	477,591,144.10		
Sep 2018	ZAUS	Future	85,609	12.6837	12.6593	12.7200	12.6858	12	152,590.80		

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Dec 2018	ZAUS	Future	25,527	12.8257	12.7992	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	Future	4,948	12.9749	12.9457	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	Future	3,087	13.1102	13.0824	0.0000	0.0000	0	0.00		
			<u>1,275,002</u>					<u>38,104.00</u>	<u>477,743,734.90</u>	<u>173 594 850.00</u>	<u>2 047 623 785 696.10</u>

Option

Jun 2018	ZAUS	11.00 Put	60,750	0.2185	0.8000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.20 Put	2,550	1.0321	1.6942	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.35 Call	10,000	1187.4708	1163.3631	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.45 Call	10,000	1088.0449	1064.2029	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	40,216	3.1984	4.0315	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.60 Put	12,000	4.0831	5.3792	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.75 Put	60,000	6.0525	8.4523	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.77 Put	76,000	6.3960	8.9936	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.80 Put	5,500	6.9570	9.8790	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.90 Put	9,500	9.3201	13.6068	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Call	3,000	553.6107	535.5721	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	38,700	18.4107	24.8721	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.06 Put	150	26.4301	34.3617	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	36.7776	46.2536	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.14 Put	155,500	40.7965	50.7954	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Call	500	428.1185	413.8800	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.15 Put	1,000	42.9185	53.1800	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.20 Call	40,000	389.9000	376.9706	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.23 Call	3,000	367.9416	355.7889	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Call	40,000	353.7237	342.0816	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	12,415	68.5237	81.3816	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Call	4,000	319.6904	309.2917	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	84.4904	98.5917	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	15,103	123.0815	139.4676	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	230.9405	223.8433	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	205.8142	199.6412	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	170.6142	188.9412	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	182.8473	178.1565	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Call	4,000	112.4586	110.8177	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	327.2586	350.1177	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	490.5631	515.0714	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	59.2632	59.4539	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	524.0632	548.7539	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	566.8088	591.6793	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	672.7611	697.6171	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	699.8826	724.3835	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	790.7028	815.3134	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	13.35 Call	60,000	22.1950	22.3365	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	940.5084	965.1786	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	959.5399	984.2110	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	978.6276	1003.2990	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1113.5910	1138.2439	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	1220.9206	1245.5477	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1269.9840	1294.8225	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1279.8562	1304.6890	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1299.6108	1324.4324	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1309.4932	1334.3093	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1368.8513	1393.6357	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	3.1887	3.4265	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	1467.9887	1492.7265	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1567.3282	1592.0263	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1716.6096	1741.2599	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	1.0134	1.1034	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.7193	0.7845	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.6004	0.6551	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.3721	0.4206	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.3592	0.4078	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.3279	0.3765	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.3005	0.3489	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.2629	0.3109	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.2457	0.2932	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.2388	0.2862	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.1908	0.2364	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.1465	0.1898	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.1063	0.1252	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.0973	0.1148	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.0767	0.0911	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.0701	0.0834	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.0473	0.0569	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.0205	0.0253	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.0159	0.0198	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.0081	0.0103	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.0047	0.0060	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	37.0186	39.8075	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	39.2104	42.1320	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	51.6906	55.3371	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	75.7074	80.6115	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	95.6814	101.5292	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	106.9579	113.3042	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	12.00 Put	13,300	132.2349	139.6317	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	649.4640	635.8146	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	215.7640	226.5146	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	235.7643	247.0359	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	269.9570	282.0491	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.40 Put	250	278.9249	291.2191	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	509.9460	498.8291	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	326.2460	339.5291	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	367.0341	381.0782	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	382.9854	397.3072	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	404.8051	419.4897	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	388.7330	380.9182	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	377.3217	369.7610	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	525.3026	542.5629	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	309.0673	303.0702	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	253.0523	248.3513	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	240.7377	236.3203	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	807.0377	827.0203	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	229.0408	224.8922	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	3,000	187.4380	184.1627	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	161.3844	158.7501	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	10.8153	10.4720	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	9.6400	9.3366	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	8.1613	7.9074	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	6.3263	6.1339	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	109.2899	114.2040	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	232,174	133.1671	0.0000	0.0000	0.0000	232,174	0.00
Dec 2018	ZAUS	12.38 Put	39,589	342.7515	354.6146	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	232,174	724.5130	710.8375	0.0000	0.0000	232,174	0.00
Dec 2018	ZAUS	12.50 Put	10,100	398.8130	411.6375	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	464.6732	478.5034	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	6,000	506.1438	496.4908	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	438.7795	430.3964	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	423.4219	415.3344	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	232,174	354.6702	0.0000	0.0000	0.0000	232,174	0.00
Dec 2018	ZAUS	13.80 Call	2,764	287.9464	282.6772	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	259.9354	255.2663	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	1,500	251.2977	246.8110	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	1,000	124.6133	122.1357	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	70.7876	69.5776	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	10.4200	10.5710	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	176.6670	183.9043	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>	
Mar 2019	ZAUS	12.06 Put	4,145	270.2611	279.9703	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	12.76 Put	250	580.9250	596.5787	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	13.45 Call	4,145	537.1255	528.4863	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.48 Call	1,000	306.1180	301.6150	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	15.20 Call	1,000	206.9143	203.6550	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	10.69 Put	1,000	22.3682	22.5086	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	12.28 Put	1,000	394.0042	404.4798	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.58 Call	1,000	412.1798	407.1092	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	109.6290	107.6289	0.0000	0.0000	0	0.00	
			<u>2,921,396</u>					<u>696,522.00</u>	<u>0.00</u>	<u>49 003 776.00</u>
		Total	<u>4,196,398</u>					<u>734,626.00</u>	<u>477,743,734.90</u>	<u>222 598 626.00</u>
										<u>2 047 623 785 696.10</u>

Grand Total	<u>6,094,454</u>	<u>851,814.00</u>	<u>1 985 433 177.30</u>	<u>304,019,362</u>	<u>2,849,770,877,294.58</u>
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