



# JOHANNESBURG STOCK EXCHANGE

## Currency Derivatives

### CURRENCY FUTURES DAILY TRADE INFORMATION FOR 11-January-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
<b>Future</b>									
Jan 2018	DAAD	Future	5	9.8107	9.7702	0.0000	0.0000	0	0.00
Feb 2018	DAAD	Future	46	9.8672	9.8331	0.0000	0.0000	0	0.00
			<u>51</u>					<u>0.00</u>	<u>0.00</u>
									<u>77 065.00</u>
		<b>Total</b>	<b>51</b>					<b>0.00</b>	<b>0.00</b>
									<b>146 065.00</b>
									<b>730 277 644.30</b>
<b>Future</b>									
Jan 2018	DAEU	Future	151,647	15.0373	14.9792	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	44	15.0848	15.0329	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	15.1730	15.1205	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	15.2194	15.1666	0.0000	0.0000	0	0.00
			<u>151,757</u>					<u>0.00</u>	<u>0.00</u>
									<u>745 543.00</u>
									<u>11 134 851 230.70</u>
<b>Option</b>									
Jan 2018	DAEU	15.80 Put	193,000	778.5475	840.2240	0.0000	0.0000	0	0.00
Jan 2018	DAEU	16.50 Call	15,150	3.9283	4.1149	0.0000	0.0000	0	0.00
Feb 2018	DAEU	16.41 Put	1,647	1312.1870	1368.6319	0.0000	0.0000	0	0.00
			<u>209,797</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>361,554</b>					<b>0.00</b>	<b>0.00</b>
									<b>1 692 330.00</b>
									<b>11 134 851 230.70</b>
<b>Future</b>									
Jan 2018	DAGB	Future	10	16.8940	16.8794	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	17	16.9838	16.9745	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	17.0269	17.0174	0.0000	0.0000	0	0.00
			<u>65</u>					<u>0.00</u>	<u>0.00</u>
		<b>Total</b>	<b>65</b>					<b>0.00</b>	<b>0.00</b>
									<b>260 904.00</b>
									<b>879 195 024.30</b>
<b>Future</b>									
Jan 2018	DAUS	Future	649	12.4513	12.4592	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	500	12.4513	12.4607	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	12.4473	12.4627	0.0000	0.0000	241	3,005,462.80
Jan 2018	DAUS	Future	70	12.4612	12.4731	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>
Jan 2018	DAUS	Future	144,845	12.4725	12.4860	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	1,346	12.4895	12.5055	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	70	12.4970	12.5138	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	12	12.5008	12.5175	0.0000	0.0000	0	0.00
Feb 2018	DAUS	Future	1,015	12.5251	12.5417	0.0000	0.0000	0	0.00
Mar 2018	DAUS	Future	5,397	12.5532	12.5693	0.0000	0.0000	0	0.00
Mar 2018	DAUS	Future	1,199	12.5787	12.5947	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	70	12.6260	12.6419	0.0000	0.0000	0	0.00
Apr 2018	DAUS	Future	110	12.6369	12.6527	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	70	12.6568	12.6727	0.0000	0.0000	0	0.00
May 2018	DAUS	Future	181	12.6930	12.7090	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	445	12.7456	12.7616	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	12.7510	12.7671	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	12.7835	12.7994	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,500	12.7905	12.8065	0.0000	0.0000	500	6,406,500.00
Jul 2018	DAUS	Future	70	12.7923	12.8082	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,853	12.8029	12.8188	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	12.8260	12.8418	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	1,336	12.8578	12.8737	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	1,295	12.9074	12.9233	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	12.9548	12.9705	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	12.9617	12.9774	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	12.9875	13.0033	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	13.1488	13.1664	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	14.1870	14.2214	0.0000	0.0000	0	0.00
			<u>248,679</u>					<u>741.00</u>	<u>9,411,962.80</u>
									<u>7 416 501.00</u>
									<u>90 248 676 544.50</u>
<b>Option</b>									
Jan 2018	DAUS	12.39 Put	277	44.9405	52.9150	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.46 Call	277	65.7657	80.3909	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.72 Put	427	281.1025	278.7001	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.83 Call	427	6.2833	9.3509	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.50 Put	238	1048.7863	1040.9501	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.75 Call	238	0.0234	0.0410	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.12 Call	50,000	0.0188	0.0251	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.20 Put	5,000	21.5379	23.1332	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.22 Put	40,000	24.4078	26.1129	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Put	20,000	1452.8158	1437.5458	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.25 Put	440	67.7410	66.2393	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.32 Put	460	90.7998	90.0739	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.36 Call	440	218.6165	231.8670	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.41 Call	460	190.0206	203.8617	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.80 Put	25,000	386.3687	380.9339	0.0000	0.0000	0	0.00

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Jan 2018	DAUS	13.16 Put	19,500	705.4557	695.6005	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	790.7205	780.0091	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	2,883	809.8501	798.9736	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	838.6509	827.5426	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	935.4366	923.6800	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Call	42,000	1.5944	1.9607	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.00 Call	23,300	1.1956	1.4923	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.25 Call	29,000	0.6033	0.7820	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	220.1621	218.5434	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	595.1920	586.5068	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	696.1868	686.6181	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	0.1425	0.1646	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	0.1240	0.1237	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	0.1135	0.1000	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	0.1109	0.0939	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.20 Put	35,000	741.4422	731.5048	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	1320.2210	1305.5053	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.16 Put	1,880	705.8275	696.2474	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	1376.5199	1361.6943	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	0.4148	0.4241	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	1261.6584	1248.3497	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1409.6374	1395.1594	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	1701.3876	1685.9255	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.50 Call	3,450	257.5495	0.0000	0.0000	0.0000	3,450	0.00
Feb 2018	DAUS	13.80 Call	8,500	22.9721	27.0291	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	1664.9930	1650.3114	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	924.7251	915.3542	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2399.1468	2385.1805	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	8.8301	9.9228	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1274.1737	1264.5190	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	23.5867	25.3261	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	12.4505	13.7633	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	451.8255	450.3107	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1324.9012	1315.2416	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	16.0059	17.5090	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	461.1194	459.5651	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	1903.4553	1891.3402	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	14.3898	15.8209	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1266.8747	1258.3700	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	33.6534	35.9030	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	16.2980	17.7379	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1260.8749	1253.4293	0.0000	0.0000	0	0.00

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Jun 2018	DAUS	15.62 Call	500	48.3588	51.8037	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	32.5184	35.8577	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	177.4085	179.9661	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	253.7511	263.5323	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	229.5058	238.6122	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.19 Put	1,500	1586.4781	1578.1573	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	1813.2917	1803.9604	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.72 Call	1,500	63.4500	67.3303	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	55.1940	58.9709	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1256.1592	1249.7954	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	65.3599	69.2749	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	49.2058	52.8339	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	291.2113	292.1080	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1304.6831	1297.9519	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	58.6142	61.2707	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1253.2454	1247.4851	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	81.1782	85.3467	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	64.5351	68.2996	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1250.2008	1244.0873	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	94.1353	98.0849	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	74.8748	78.3252	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1246.5759	1241.0914	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	110.0779	114.3302	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	86.0677	89.6864	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	185.5637	188.0535	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1292.2424	1286.5700	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	101.4354	103.8766	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1243.8304	1238.6805	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	123.4250	126.2873	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	89.1393	92.9260	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1131.0507	1126.6423	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	186.7134	192.5593	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1240.0862	1235.2167	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	136.4001	138.8992	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	92.5778	97.6821	0.0000	0.0000	0	0.00		
			<u>954,911</u>					<u>3,450.00</u>	<u>0.00</u>	<u>16 508 035.00</u>	<u>0.00</u>
		<b>Total</b>	<b>1,203,590</b>					<b>4,191.00</b>	<b>9,411,962.80</b>	<b>23 924 536.00</b>	<b>90 248 676 544.50</b>
<b>Future</b>											
Mar 2018	EUUS	Future	15	1.2090	1.2033	0.0000	0.0000	0	0.00		
			<u>15</u>					<u>0.00</u>	<u>0.00</u>	<u>649 155.00</u>	<u>7 293 856 090.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
<b>Total</b>			<b>15</b>					<b>0.00</b>	<b>0.00</b>	649 155.00	7 293 856 090.00
<b>Future</b>											
Mar 2018	ZAAD	Future	18,200	9.8944	9.8599	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	5,012	10.0240	9.9895	0.0000	0.0000	0	0.00		
Sep 2018	ZAAD	Future	400	10.1544	10.1185	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	10,812	10.2755	10.2416	0.0000	0.0000	0	0.00		
			<b>34,424</b>					<i>0.00</i>	<i>0.00</i>	3 519 906.00	30 412 123 988.00
<b>Total</b>			<b>34,424</b>					<b>0.00</b>	<b>0.00</b>	3 552 283.00	30 412 123 988.00
<b>Future</b>											
Mar 2018	ZACA	Future	250	10.0205	10.0821	0.0000	0.0000	0	0.00		
			<b>250</b>					<i>0.00</i>	<i>0.00</i>	124 903.00	1 229 432 717.10
<b>Total</b>			<b>250</b>					<b>0.00</b>	<b>0.00</b>	124 903.00	1 229 432 717.10
<b>Future</b>											
Mar 2018	ZAEU	Future	97,194	15.1861	15.1337	15.2032	15.0864	12,092	181,897,964.00		
Jun 2018	ZAEU	Future	8,465	15.4808	15.4270	15.4944	15.3600	1,000	15,453,157.20		
Sep 2018	ZAEU	Future	5,417	15.7819	15.7265	0.0000	0.0000	0	0.00		
Dec 2018	ZAEU	Future	2,926	16.0745	16.0181	0.0000	0.0000	0	0.00		
			<b>114,002</b>					<i>13,092.00</i>	<i>197,351,121.20</i>	13 599 336.00	193 009 528 705.70
<b>Option</b>											
Mar 2018	ZAEU	15.05 Put	5,648	272.7465	310.2359	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	18,643	297.9260	336.6627	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	59.1233	61.3481	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	30.2224	32.0653	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,995	24.6776	33.3792	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	34.7773	46.4701	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,995	414.7128	450.2203	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	1219.5717	1271.0236	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	47.9692	49.8636	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	50,995	15.9291	15.7536	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	161,971	112.8119	127.7925	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	124,767	740.1381	782.2379	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.00 Put	37,204	834.4430	878.4104	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	124,767	100.4570	102.5057	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	21.63 Call	37,204	33.9029	35.7848	0.0000	0.0000	0	0.00		
			<b>685,452</b>					<i>0.00</i>	<i>0.00</i>	6 847 461.00	0.00
<b>Total</b>			<b>799,454</b>					<b>13,092.00</b>	<b>197,351,121.20</b>	20 446 797.00	193 009 528 705.70
<b>Future</b>											
Mar 2018	ZAFR	Future	1,215	12.9522	12.9361	0.0000	0.0000	0	0.00		

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			1,215					0.00	0.00	605 450.00	6 457 755 273.50	
		<b>Total</b>	<b>1,215</b>					<b>0.00</b>	<b>0.00</b>	605 450.00	6 457 755 273.50	
<b>Future</b>												
	Mar 2018	ZAGB	Future	181,341	17.0396	17.0301	17.0464	16.9571	1,010	17,168,873.00		
	Jun 2018	ZAGB	Future	7,457	17.3234	17.3130	0.0000	0.0000	0	0.00		
	Sep 2018	ZAGB	Future	4,164	17.6072	17.5960	0.0000	0.0000	0	0.00		
	Dec 2018	ZAGB	Future	886	17.8802	17.8685	0.0000	0.0000	0	0.00		
				193,848					1,010.00	17,168,873.00	9 794 812.00	163 928 182 907.60
<b>Option</b>												
	Mar 2018	ZAGB	17.00 Put	500	406.8681	421.6241	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	19.00 Call	1,500	47.1354	49.2154	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	20.14 Call	500	12.9767	13.0408	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	17.50 Put	500	785.6112	804.1197	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	20.40 Call	500	90.8565	93.8185	0.0000	0.0000	0	0.00		
				3,500					0.00	0.00	1 774 113.00	0.00
		<b>Total</b>		<b>197,348</b>					<b>1,010.00</b>	<b>17,168,873.00</b>	11 568 925.00	163 928 182 907.60
<b>Future</b>												
	Mar 2018	ZAJY	Future	115	0.1130	0.1132	0.0000	0.0000	0	0.00		
				115					0.00	0.00	953 460.00	10 625 024 617.80
		<b>Total</b>		<b>115</b>					<b>0.00</b>	<b>0.00</b>	953 460.00	10 625 024 617.80
<b>Future</b>												
	Jun 2018	ZAKS	Future	1,145	0.1196	0.1196	0.0000	0.0000	0	0.00		
	Sep 2018	ZAKS	Future	562	0.1194	0.1188	0.0000	0.0000	0	0.00		
				1,707					0.00	0.00	31 923.00	432 652 210.00
		<b>Total</b>		<b>1,707</b>					<b>0.00</b>	<b>0.00</b>	31 923.00	432 652 210.00
<b>Future</b>												
	Mar 2018	ZATR	Future	433	3.2545	3.2422	0.0000	0.0000	0	0.00		
				433					0.00	0.00	238 189.00	860 554 603.00
		<b>Total</b>		<b>433</b>					<b>0.00</b>	<b>0.00</b>	238 189.00	860 554 603.00
<b>Future</b>												
	Mar 2018	ZAUM	Future	555	12.5605	12.5766	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUM	Future	47	12.7256	12.7417	0.0000	0.0000	0	0.00		
	Sep 2018	ZAUM	Future	8	12.8879	12.9038	0.0000	0.0000	0	0.00		
				610					0.00	0.00	145 958.00	167 859 817 690.00
		<b>Total</b>		<b>610</b>					<b>0.00</b>	<b>0.00</b>	150 481.00	167 859 817 690.00

<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>	
<b>Future</b>										
Mar 2018	ZAUS	Future	1,058,565	12.5605	12.5766	12.6200	12.5600	51,525	648,945,011.10	
Jun 2018	ZAUS	Future	175,521	12.7256	12.7417	0.0000	0.0000	1,250	15,938,350.00	
Sep 2018	ZAUS	Future	5,264	12.8879	12.9038	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	Future	11,000	13.0408	13.0569	0.0000	0.0000	0	0.00	
			<u>1,250,350</u>					<u>52,775.00</u>	<u>664,883,361.10</u>	<u>163 902 873.00</u> <u>1 930 334 283 085.90</u>
<b>Option</b>										
Mar 2018	ZAUS	12.00 Put	248,000	72.0494	75.1609	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.13 Put	5,460	107.1318	110.2905	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.25 Put	46,750	148.0537	150.9746	0.0000	0.0000	43,000	0.00	
Mar 2018	ZAUS	12.36 Put	20,880	193.0087	195.4652	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.40 Put	2,500	211.1255	213.3572	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.50 Put	25,750	260.4761	262.0263	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.57 Put	3,000	298.8707	299.8273	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.70 Call	11,000	239.8416	255.5382	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.70 Put	2,000	379.3416	378.9382	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.75 Call	100	223.0194	238.1610	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.82 Put	10,323	460.8736	459.1212	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.94 Put	5,000	548.4879	545.3617	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	12.95 Call	13,200	166.5383	179.3980	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.00 Call	21,000	154.8156	167.1095	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.00 Put	100,016	594.3156	590.5095	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.20 Call	1,000	115.8230	125.9555	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.20 Put	1,073	755.3230	749.3555	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.21 Put	5,460	763.5913	757.5256	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.22 Put	15,000	771.8842	765.7189	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.25 Put	2,478	796.9183	790.4610	0.0000	0.0000	86,000	0.00	
Mar 2018	ZAUS	13.32 Put	7,500	856.1819	849.0641	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.35 Call	2,000	92.4223	101.1302	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.38 Put	2,500	907.8574	900.1968	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.40 Put	7,500	925.2512	917.4142	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.50 Call	35,000	73.8664	81.2906	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.50 Put	17,750	1013.3664	1004.6906	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.52 Put	3,600	1031.2048	1022.3687	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.60 Put	200,389	1103.2019	1093.7533	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.66 Call	10,000	58.3243	64.5460	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.70 Call	25,150	55.0106	60.9577	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.74 Put	20,880	1231.3984	1220.9826	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.76 Call	4,000	50.4144	55.9705	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.79 Call	2,000	48.2725	53.6427	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.84 Put	1,000	1323.7092	1312.6445	0.0000	0.0000	0	0.00	
Mar 2018	ZAUS	13.91 Put	7,000	1388.3311	1376.8126	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 2018	ZAUS	13.93 Call	100	37.4089	41.8673	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	1406.9089	1395.2673	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1425.5358	1413.7718	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1453.5621	1441.6214	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	32.8032	36.8464	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	31.5869	35.5181	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	1519.3409	1507.0072	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	28.7280	32.3876	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	26.1120	29.5148	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	1623.6811	1610.7897	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	1642.7673	1629.7811	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	22.3854	25.4081	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	1681.0351	1667.8681	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	14.5555	16.7071	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	13.9902	16.0749	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	13.7155	15.7671	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	1942.1676	1927.9916	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	12.4178	14.3109	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	1951.9178	1937.7109	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	1971.4322	1957.1650	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	11.4651	13.2393	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	10.7968	12.4860	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	10.1663	11.7741	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	7.5089	8.7599	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	6.0013	7.0375	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	5.5297	6.4964	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	5.4175	6.3675	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	4.9907	5.8766	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	4.5030	5.3143	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	3.9332	4.6427	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	3.6523	4.2883	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	3.3532	3.9091	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	3.3020	3.8440	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	3.2184	3.7371	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	3.0909	3.5739	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	2.8381	3.2460	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	2.7422	3.1190	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	19.4316	20.6136	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	42.9027	45.0657	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	20,000	144.2944	146.7905	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	182.2383	184.5074	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	84,749	231.2588	233.0924	0.0000	0.0000	0	0.00



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Jun 2018	ZAUS	12.30 Put	24,500	251.9450	253.5711	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	296.3343	297.4843	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	344.6723	345.2736	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	481.8976	480.8860	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	616.0877	613.5302	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	30,358	643.1882	640.3296	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	677.7038	674.4709	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	763.3076	759.1755	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	785.2867	780.9329	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	800.0619	795.5587	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	860.1035	855.0193	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	984.1009	977.9597	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	999.9049	993.6507	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1015.7866	1009.4200	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1129.0281	1121.8917	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	84,749	1220.3353	1212.6239	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1262.4571	1254.4941	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1270.9249	1262.9138	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1287.9033	1279.7943	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1296.4137	1288.2547	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1347.7667	1339.3207	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	6,130	1434.3953	1425.4854	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1521.6111	1512.2629	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1653.6712	1643.6959	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	101.8173	106.9114	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	87.6029	92.1181	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	80.6753	84.8960	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	69.1531	72.8666	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	63.3475	66.7957	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	61.8639	65.2421	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	58.0968	61.2976	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	54.5948	57.6279	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	47.5713	50.7887	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	44.1512	47.4450	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	42.7588	46.0801	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	32.3179	35.7675	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	21.5744	24.9460	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	16.9210	20.1471	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	16.3672	19.5696	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	14.9760	18.1111	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	14.4844	17.5935	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	12.4460	15.3434	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	16.92 Call	84,749	8.8341	11.0711	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	7.9696	10.0374	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	6.0635	7.7384	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	5.5301	7.0894	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	4.8447	6.2509	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	126.1491	128.6288	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	448.7366	449.2056	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	469.8810	470.1657	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	582.6008	581.9204	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	840.3902	837.5603	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	371.3075	382.3160	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	96.0746	100.4740	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	93.0881	97.4219	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	89.0521	93.2945	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	83.4673	87.5834	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.96 Put	23,443	673.1849	671.7536	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.24 Call	23,443	102.7475	106.6522	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	212.1883	223.5872	0.0000	0.0000	0	0.00
			<u>2,733,401</u>					<u>129,000.00</u>	<u>0.00</u>
									<u>43 480 865.00</u>
									<u>0.00</u>
		<b>Total</b>	<b>3,983,751</b>					<b>181,775.00</b>	<b>664,883,361.10</b>
									<b>207 383 738.00</b>
									<b>1 930 334 283 085.90</b>
		<b>Grand Total</b>	<b>6,584,582</b>					<b>200,068.00</b>	<b>888 815 318.10</b>
									<b>280,112,257</b>
									<b>2,659,539,024,773.10</b>