



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 28-June-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jul 2018	DAEU	Future	34	16.1016	15.9510	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	16.1525	16.0065	0.0000	0.0000	0	0.00
			<u>67</u>					<i>0.00</i>	<i>0.00</i>
									<i>791 057.00</i>
									<i>11 807 017 135.60</i>
Option									
Jul 2018	DAEU	15.63 Put	10,000	64.0287	93.7433	0.0000	0.0000	0	0.00
			<u>10,000</u>					<i>0.00</i>	<i>0.00</i>
									<i>956 787.00</i>
									<i>0.00</i>
		Total	10,067					0.00	0.00
									<i>1 747 844.00</i>
									<i>11 807 017 135.60</i>
Future									
Jun 2018	DAUS	Future	4,240	13.8748	13.7131	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	13.8748	13.7164	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.8716	13.7174	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.8760	13.7204	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	34	13.8930	13.7371	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.9003	13.7449	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.9077	13.7528	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.9096	13.7547	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.9132	13.7587	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,427	13.9206	13.7665	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.9243	13.7701	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.9440	13.7899	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	4,970	13.9476	13.7935	0.0000	0.0000	500	7,019,750.00
Aug 2018	DAUS	Future	600	13.9566	13.8025	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	2,602	13.9763	13.8223	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	197	13.9816	13.8278	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	14.0278	13.8734	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	14.0352	13.8805	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	14.0773	13.9215	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	14.0846	13.9286	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,363	14.0883	13.9322	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>		
Nov 2018	DAUS	Future	55	14.0901	13.9340	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.1121	13.9553	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	700	14.1176	13.9607	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	3,117	14.1432	13.9856	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	1,830	14.1999	14.0408	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.2036	14.0443	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.2541	14.0938	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	14.2559	14.0956	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.2793	14.1186	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	14.3063	14.1451	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	14.3550	14.1928	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.3658	14.2034	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	14.4176	14.2530	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	14.4749	14.3078	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	14.4805	14.3131	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	14.5323	14.3613	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.5723	14.4021	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.6131	14.4442	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.6512	14.4837	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.6881	14.5218	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.7289	14.5639	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.7683	14.6047	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.8053	14.6428	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.8447	14.6836	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.8842	14.7244	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.9185	14.7599	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.9618	14.8047	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	15.0723	14.9173	0.0000	0.0000	0	0.00		
			<u>183,074</u>					<u>500.00</u>	<u>7,019,750.00</u>	<u>10 287 838.00</u>	<u>125 172 223 733.80</u>
Option											
Jun 2018	DAUS	12.22 Put	500	0.0000	0.0041	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.44 Put	109	0.0000	0.0463	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.45 Put	635	0.0000	0.0475	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.47 Put	158	0.0000	0.0499	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.52 Call	109	1354.8000	1193.1566	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.55 Call	500	1324.8000	1163.1611	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.56 Call	635	1314.8000	1153.1628	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.62 Call	158	1254.8000	1093.1739	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.85 Call	500	1024.8000	863.2512	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	35.7919	131.7214	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	0.0172	0.0082	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	0.0149	0.0089	0.0000	0.0000	0	0.00		

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Jul 2018	DAUS	11.80 Put	2,000	0.0000	0.0276	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	0.0404	0.1445	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	756.8498	601.5226	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	0.1248	0.3740	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	0.0007	0.1116	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.25 Put	20,000	8.1409	21.9265	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	328.8361	214.0471	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Put	20,000	52.8361	93.6471	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	236.8305	139.5416	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	639.5635	760.4994	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	4.6987	2.4471	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Put	40,000	94.2218	133.6296	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.00 Put	500	25.0056	33.8147	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Call	500	532.6478	417.7330	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	228.4311	292.0431	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	10.7175	5.8980	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	3.8334	1.9383	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	3.8808	6.1955	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	279.7172	346.8106	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	8.6158	4.6312	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	60.1192	75.2356	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	567.9161	461.0731	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	309.2656	364.5344	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	37.8737	26.9332	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	20.4260	14.6649	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	141.2771	170.9464	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	92.5299	109.1547	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	597.6843	494.0686	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	359.5518	411.2104	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	65.7579	48.9182	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	40.9885	29.0340	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	124.0337	144.6132	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	403.2087	457.2148	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	627.5937	530.8444	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	94.3359	73.9390	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	64.4613	51.0626	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	21.5207	24.8551	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	438.3397	494.8859	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	79.2910	62.6795	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	4.8438	5.4716	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	16.3352	19.6940	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	1092.8755	965.4496	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	13.00 Put	500	150.4694	173.5118	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	436.2774	490.9772	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	14.08 Call	500	646.9112	555.3582	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	115.9381	93.8008	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	82.5168	68.7486	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	376.9870	426.2770	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	244.3892	202.3064	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.20 Put	1,000	221.7445	252.1931	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.30 Put	1,000	252.7383	286.5440	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.66 Call	1,000	490.8214	418.9901	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.75 Call	1,000	464.2071	395.5497	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.00 Put	500	173.9095	198.6695	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	463.1022	518.1525	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.22 Call	500	669.6456	581.3704	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	135.6783	113.2264	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	101.2428	86.4183	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	196.2748	222.5643	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	14.38 Call	500	686.4542	600.6121	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	214.8768	242.4020	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	702.2689	618.0248	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.00 Put	500	233.3220	261.2975	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.67 Call	500	716.9333	633.3313	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	3,000	251.4359	280.4669	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	1342.0313	1218.2452	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	730.5867	647.8633	0.0000	0.0000	0	0.00		
May 2019	DAUS	13.00 Put	500	268.4331	298.4333	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	743.0837	660.8000	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	276.0101	313.6829	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	751.8887	671.1576	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	297.9869	336.5311	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	768.0335	688.5574	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	314.6803	356.1876	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	774.6924	697.4164	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	330.3408	371.5778	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	787.4883	711.5146	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	347.3337	390.1932	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	793.8269	719.6255	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	362.8309	403.4870	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	803.8154	730.7925	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	379.8160	417.5969	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	813.0515	741.4436	0.0000	0.0000	0	0.00		
			<u>442,331</u>					<u>0.00</u>	<u>0.00</u>	<u>19 073 082.00</u>	<u>0.00</u>

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Total			625,405					500.00	7,019,750.00	29 360 920.00	125 172 223 733.80
Future											
Sep 2018	EUUS	Future	2,723	1.1646	1.1669	1.1619	1.1619	10	116,190.00		
			<u>2,723</u>					<u>10.00</u>	<u>116,190.00</u>	<u>726 196.00</u>	<u>8 232 247 012.00</u>
Total			2,723					10.00	116,190.00	726 196.00	8 232 247 012.00
Future											
Sep 2018	ZAAD	Future	12,355	10.2922	10.2311	10.2911	10.2593	43	441,467.90		
Dec 2018	ZAAD	Future	11,412	10.4174	10.3535	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	10.6867	10.6164	0.0000	0.0000	0	0.00		
			<u>28,696</u>					<u>43.00</u>	<u>441,467.90</u>	<u>3 683 493.00</u>	<u>31 988 368 421.30</u>
Total			28,696					43.00	441,467.90	3 715 870.00	31 988 368 421.30
Future											
Dec 2018	ZACA	Future	500	10.7151	10.5765	0.0000	0.0000	0	0.00		
			<u>500</u>					<u>0.00</u>	<u>0.00</u>	<u>136 153.00</u>	<u>1 339 439 627.10</u>
Total			500					0.00	0.00	136 153.00	1 339 439 627.10
Future											
Sep 2018	ZAEU	Future	135,226	16.3129	16.1657	16.3833	16.2001	1,394	22,762,314.30		
Dec 2018	ZAEU	Future	19,006	16.6193	16.4651	16.6655	16.6655	500	8,332,750.00		
Mar 2019	ZAEU	Future	4,808	16.9559	16.7987	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	17.2798	17.1150	0.0000	0.0000	0	0.00		
			<u>164,296</u>					<u>1,894.00</u>	<u>31,095,064.30</u>	<u>15 022 297.00</u>	<u>214 516 062 952.70</u>
Option											
Sep 2018	ZAEU	13.50 Put	29,734	6.5629	6.4964	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	86,688	14.0754	13.2665	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	267.4113	307.9572	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	328.7970	266.2931	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	22.7196	17.0303	0.0000	0.0000	0	0.00		
			<u>319,804</u>					<u>0.00</u>	<u>0.00</u>	<u>7 964 516.00</u>	<u>0.00</u>
Total			484,100					1,894.00	31,095,064.30	22 986 813.00	214 516 062 952.70
Future											
Sep 2018	ZAFR	Future	1,215	14.1298	14.0179	0.0000	0.0000	0	0.00		
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	<u>612 948.00</u>	<u>6 555 963 200.80</u>
Total			1,215					0.00	0.00	612 948.00	6 555 963 200.80
Future											
Sep 2018	ZAGB	Future	226,336	18.4045	18.2765	18.5199	18.3001	2,006	37,073,000.60		

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Dec 2018	ZAGB	Future	7,437	18.6948	18.5601	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	Future	4,932	19.0089	18.8714	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	Future	6,543	19.3095	19.1636	0.0000	0.0000	0	0.00		
			<u>245,248</u>					<u>2,006.00</u>	<u>37,073,000.60</u>	<u>11 899 044.00</u>	<u>200 307 443 530.70</u>
	Total		245,248					2,006.00	37,073,000.60	13 673 157.00	200 307 443 530.70
Future											
Sep 2018	ZAJY	Future	115	0.1276	0.1261	0.0000	0.0000	0	0.00		
			<u>115</u>					<u>0.00</u>	<u>0.00</u>	<u>993 919.00</u>	<u>11 089 418 491.40</u>
	Total		115					0.00	0.00	993 919.00	11 089 418 491.40
Future											
Sep 2018	ZAKS	Future	562	0.1368	0.1354	0.0000	0.0000	0	0.00		
Jun 2019	ZAKS	Future	1,093	0.1338	0.1323	0.0000	0.0000	0	0.00		
			<u>1,655</u>					<u>0.00</u>	<u>0.00</u>	<u>35 358.00</u>	<u>476 333 960.00</u>
	Total		1,655					0.00	0.00	35 358.00	476 333 960.00
Future											
Sep 2018	ZATR	Future	12,775	2.9555	2.9147	0.0000	0.0000	3,500	10,306,625.00		
			<u>12,775</u>					<u>3,500.00</u>	<u>10,306,625.00</u>	<u>292 754.00</u>	<u>1 018 368 407.50</u>
	Total		12,775					3,500.00	10,306,625.00	292 754.00	1 018 368 407.50
Future											
Sep 2018	ZAUM	Future	346	14.0075	13.8534	0.0000	0.0000	0	0.00		
Dec 2018	ZAUM	Future	10	14.1688	14.0105	0.0000	0.0000	0	0.00		
			<u>356</u>					<u>0.00</u>	<u>0.00</u>	<u>151 864.00</u>	<u>175 166 490 800.00</u>
	Total		356					0.00	0.00	156 387.00	175 166 490 800.00
Future											
Sep 2018	ZAUS	Future	541,066	14.0075	13.8534	14.1448	13.9150	57,394	803,238,313.10		
Dec 2018	ZAUS	Future	73,679	14.1688	14.0105	14.2854	14.1825	2,833	40,230,452.40		
Mar 2019	ZAUS	Future	5,922	14.3387	14.1769	14.4511	14.3582	257	3,678,906.20		
Jun 2019	ZAUS	Future	14,910	14.5008	14.3326	0.0000	0.0000	0	0.00		
			<u>635,577</u>					<u>60,484.00</u>	<u>847,147,671.70</u>	<u>178 024 620.00</u>	<u>2 106 748 706 810.30</u>
Option											
Sep 2018	ZAUS	11.48 Put	5,200	5.3303	5.7412	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.50 Put	45,000	5.4904	5.8958	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.60 Put	2,000	6.3670	6.7375	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	93,314	7.9593	8.2522	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.85 Put	48,200	9.2430	9.4646	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.90 Put	3,000	9.9628	10.1423	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	11.5809	11.6611	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1774.4250	1620.0653	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	16.9250	16.6653	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	18.2698	17.9263	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	20.6570	20.1671	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	1532.3588	1379.4964	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	24.8588	26.0964	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	28.1437	33.0200	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	29.8609	35.9589	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	33.3604	40.1888	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	1283.3135	1138.6064	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	1256.9246	1112.9498	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	3,750	55.9229	67.3514	0.0000	0.0000	3,000	0.00
Sep 2018	ZAUS	13.00 Call	30,000	1086.8200	948.7032	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	928.3007	798.2873	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Put	4,000	120.8007	144.8873	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	125.6580	150.8182	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	890.6971	763.4104	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	74,064	133.1971	160.0104	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,000	719.5872	604.1280	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	658.2561	547.5640	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Put	4,000	250.7561	294.1640	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	629.0656	520.8078	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	1,500	444.1900	510.9296	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Call	4,000	172.3303	131.1652	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	66.3987	48.6038	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	61.9786	45.3104	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	56.1990	41.0205	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	48.5875	35.4006	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	19.1062	22.9521	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	230,784	23.1902	27.4753	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	29.9647	34.9019	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	35.3722	40.7806	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	36.5484	42.0538	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	41.5917	47.5029	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	48.7182	55.1673	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	52.6512	59.3834	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	64.1467	71.6646	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	230,784	1745.3480	1595.3630	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	76.5480	84.8630	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	92.1545	102.6887	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	98.8110	111.9866	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	12.75 Put	1,000	108.7837	125.9930	0.0000	0.0000	9,000	0.00
Dec 2018	ZAUS	13.00 Call	7,000	1330.7448	1196.5094	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	190,030	161.9448	186.0094	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	187.4998	214.6338	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	1184.4371	1056.5138	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	221.5820	252.6267	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	1149.4979	1023.2562	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	7,800	230.6979	262.7562	0.0000	0.0000	4,500	0.00
Dec 2018	ZAUS	13.45 Put	4,080	297.7034	339.9289	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	230,784	986.1150	871.8342	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	317.3150	361.3342	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	403.0349	454.3186	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	829.3363	725.2431	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Put	100	440.5363	494.7431	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	445.3505	499.9231	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	818.9928	715.6311	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	744.9543	647.0487	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	16,000	721.6316	625.5303	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	664.0611	573.7548	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	584.7250	502.1591	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	545.1787	466.6628	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	492.3914	419.5390	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	489.2695	416.7613	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	486.1716	414.0064	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	462.0789	392.6198	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	447.6492	380.0834	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	422.8561	358.6021	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	31,600	382.7477	323.6422	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	380.3848	321.5882	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	362.0405	305.6604	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	348.9209	294.3019	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	285.6517	238.8282	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	1,000	282.2562	235.6787	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	248.8613	206.5136	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	15,000	205.7284	169.8682	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	6.3035	6.4140	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	25.3055	34.7347	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	50.6608	64.3289	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	1260.2687	1137.7117	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	375.3266	414.8392	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	496.9681	549.1294	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	500	829.1355	0.0000	0.0000	0.0000	500	0.00

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Mar 2019	ZAUS	14.48 Call	1,000	758.7457	670.8516	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	14.96 Call	17,981	599.6120	525.5061	0.0000	0.0000	0	0.00	
Mar 2019	ZAUS	15.45 Call	20,000	475.3286	413.8729	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	10.69 Put	1,000	11.4448	10.9595	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	12.28 Put	1,000	86.3434	105.6397	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	12.75 Put	1,000	193.0446	225.8123	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	12.98 Put	911	265.4906	300.0225	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	13.24 Put	30,000	350.4262	386.3316	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	13.83 Put	25,000	584.2071	638.9753	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	13.88 Put	12,450	608.6350	664.7913	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.58 Call	1,000	921.7678	827.4571	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.82 Call	30,000	834.6899	746.4103	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.55 Call	25,000	621.9194	551.5172	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.62 Call	12,450	605.1587	536.2710	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.80 Call	1,000	564.4879	499.3397	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.92 Call	911	539.2203	475.2207	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	10.75 Put	1,000	22.2497	21.3944	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	12.50 Put	1,000	171.6918	196.9814	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.87 Call	1,000	716.1180	644.6568	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	305.7683	267.0496	0.0000	0.0000	0	0.00	
			<u>2,573,938</u>					<u>17,000.00</u>	<u>0.00</u>	<u>50 683 187.00</u>
		Total	3,209,515					77,484.00	847,147,671.70	228 707 807.00
										<u>0.00</u>
		Grand Total	4,622,370					85,437.00	933 199 769.50	312,510,716
										2,940,382,901,010.82