



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 01-August-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Oct 2018	CC01	Future	25,000	288.7639	289.5942	0.0000	0.0000	0	0.00		
			<u>25,000</u>					<u>0.00</u>	<u>0.00</u>	<u>25 000.00</u>	<u>7 830 750.00</u>
		Total	25,000					0.00	0.00	25 000.00	7 830 750.00
Future											
Sep 2018	DAEU	Future	34	15.4968	15.4373	0.0000	0.0000	0	0.00		
			<u>34</u>					<u>0.00</u>	<u>0.00</u>	<u>801 260.00</u>	<u>11 964 751 196.80</u>
		Total	34					0.00	0.00	1 758 047.00	11 964 751 196.80
Future											
Sep 2018	DAGB	Future	14	17.4686	17.3437	0.0000	0.0000	0	0.00		
			<u>14</u>					<u>0.00</u>	<u>0.00</u>	<u>53 769.00</u>	<u>882 198 966.30</u>
		Total	14					0.00	0.00	261 082.00	882 198 966.30
Future											
Aug 2018	DAUS	Future	55	13.1917	13.0999	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	420	13.1950	13.1050	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	13.2019	13.1169	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	4,144	13.2058	13.1202	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	600	13.2154	13.1287	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	3,299	13.2366	13.1472	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	197	13.2424	13.1523	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	5,532	13.2850	13.1946	0.0000	0.0000	3,000	40,158,750.00		
Oct 2018	DAUS	Future	55	13.2918	13.2013	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	235	13.3174	13.2269	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	13.3311	13.2405	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	13.3380	13.2473	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	3,608	13.3414	13.2508	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	55	13.3431	13.2525	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.3635	13.2726	0.0000	0.0000	0	0.00		

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Nov 2018	DAUS	Future	420	13.3686	13.2777	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	461	13.3906	13.2995	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	3,363	13.3923	13.3011	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	2,078	13.4449	13.3532	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.4483	13.3565	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.4957	13.4035	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.4974	13.4052	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.5193	13.4269	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	13.5446	13.4520	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.5900	13.4971	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.6000	13.5072	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.6471	13.5540	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.6999	13.6057	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	29,000	13.7050	13.6107	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.7528	13.6574	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	13.8056	13.7091	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	13.8632	13.7667	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.9176	13.8208	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.9702	13.8731	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.0282	13.9308	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.0845	13.9867	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.1370	14.0390	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.1933	14.0949	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.2495	14.1509	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.2984	14.1996	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.3601	14.2609	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.4616	14.3619	0.0000	0.0000	0	0.00		
			<u>151,551</u>					<u>3,000.00</u>	<u>40,158,750.00</u>	<u>10 492 185.00</u>	<u>127 924 580 187.90</u>
Option											
Aug 2018	DAUS	12.32 Put	1,880	0.7162	1.1542	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	667.1503	755.9113	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	0.0353	0.0570	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.18 Put	350	139.0888	189.3613	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.22 Call	350	145.3665	114.5445	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.43 Put	106	297.9549	367.3648	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.55 Call	106	48.4786	37.8896	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.92 Put	0	57.3278	82.0162	0.0000	0.0000	20,000	0.00		
Aug 2018	DAUS	13.15 Put	20,000	135.6865	0.0000	0.0000	0.0000	20,000	0.00		
Aug 2018	DAUS	13.21 Put	50,000	186.7661	239.0924	0.0000	0.0000	50,000	0.00		
Aug 2018	DAUS	13.23 Put	15,000	211.7137	264.7464	0.0000	0.0000	20,000	0.00		
Aug 2018	DAUS	13.00 Put	500	122.3637	157.3671	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.65 Call	500	95.4882	79.6354	0.0000	0.0000	0	0.00		

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Aug 2018	DAUS	13.80 Put	1,000	632.1739	710.1881	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	0.5132	0.5477	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	0.6125	0.6505	0.0000	0.0000	0	0.00
Sep 2018	DAUS	12.90 Put	100	106.7532	136.3890	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.09 Put	600	175.6636	216.4411	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.32 Call	600	221.7453	188.7628	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.45 Call	100	175.1330	148.5519	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Call	100	90.2862	76.3438	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.90 Call	600	74.3968	62.7003	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	294.6616	349.7855	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	186.3638	221.8662	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	157.2423	137.2331	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	667.7262	738.6832	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	3.6919	3.3315	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	2.2698	2.1099	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.51 Call	5,000	276.8172	244.9350	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.20 Put	1,630	313.4701	355.9818	0.0000	0.0000	0	0.00
Oct 2018	DAUS	14.00 Call	1,630	171.6989	152.2198	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	237.6888	271.9139	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	701.0411	765.4488	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	209.7957	187.0178	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	10.8903	9.3382	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	4.7541	4.0453	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	22.7500	26.6297	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	749.2132	814.8105	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	7.3984	6.2757	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	5.3822	5.8440	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	19.4389	22.1674	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	507.0892	458.9895	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	275.1866	309.8348	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	728.1833	789.7160	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	247.2571	224.2079	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	24.4494	21.6083	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	15.4210	13.2551	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	635.0782	691.7745	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	67.8181	61.3779	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	387.6982	428.6571	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	438.1861	482.2449	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.66 Call	1,000	182.9633	167.0758	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.75 Call	1,000	170.2775	155.0392	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.00 Put	500	304.8772	339.4261	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	748.9830	808.1390	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	14.22 Call	500	281.0220	257.5288	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	39.6841	36.3553	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	27.5879	23.2605	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	12.66 Put	263	200.7566	223.2714	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	332.1394	366.4395	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	14.38 Call	500	308.4412	284.9089	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	355.9748	389.3831	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	334.2615	310.7619	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.00 Put	500	377.2060	410.4346	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.67 Call	500	357.3399	334.1708	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	3,000	396.8088	431.5060	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	794.2103	747.1522	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	378.4475	356.2363	0.0000	0.0000	0	0.00		
May 2019	DAUS	13.00 Put	500	415.1012	449.9027	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	398.0638	374.8724	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	431.0569	464.3057	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	412.6309	388.4402	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.45 Put	39,250	648.3960	692.7009	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	16.44 Call	39,250	235.5866	222.4702	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	447.9941	479.6036	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	430.9952	406.9147	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	465.6503	497.1256	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	448.4518	425.5048	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	481.5895	512.6914	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	470.0787	447.3134	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	497.1024	527.9532	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	486.5564	464.0509	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	510.1265	541.4689	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	504.7405	481.9276	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	522.6701	553.6752	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	522.9308	500.2247	0.0000	0.0000	0	0.00		
			<u>416,062</u>					<u>110,000.00</u>	<u>0.00</u>	<u>19 555 577.00</u>	<u>0.00</u>
Total			567,613					113,000.00	40,158,750.00	30 047 762.00	127 924 580 187.90
Option											
Aug 2018	DAYJ	8.07 Put	13,000	284.5359	274.2291	0.0000	0.0000	0	0.00		
Aug 2018	DAYJ	8.27 Call	13,000	2455.2955	2991.8313	0.0000	0.0000	0	0.00		
Aug 2018	DAYJ	8.35 Call	20,000	1891.9487	2387.5649	0.0000	0.0000	0	0.00		
			<u>46,000</u>					<u>0.00</u>	<u>0.00</u>	<u>40 000.00</u>	<u>0.00</u>
Total			46,000					0.00	0.00	40 000.00	0.00
Future											

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Sep 2018	EUUS	Future	145	1.1705	1.1740	0.0000	0.0000	0	0.00		
			145					0.00	0.00	729 529.00	8 271 338 487.00
		Total	145					0.00	0.00	729 529.00	8 271 338 487.00
Future											
Sep 2018	GBUS	Future	9	1.3143	1.3138	1.3150	1.3150	1	13,150.00		
			9					1.00	13,150.00	167 348.00	2 152 910 496.00
		Total	9					1.00	13,150.00	167 348.00	2 152 910 496.00
Future											
Sep 2018	ZAAD	Future	12,322	9.8218	9.7910	9.8989	9.8989	9	89,090.10		
Dec 2018	ZAAD	Future	11,417	9.9381	9.9070	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	10.1888	10.1559	0.0000	0.0000	0	0.00		
			28,668					9.00	89,090.10	3 685 088.00	32 004 555 232.00
		Total	28,668					9.00	89,090.10	3 717 465.00	32 004 555 232.00
Future											
Dec 2018	ZACA	Future	595	10.3387	10.2585	0.0000	0.0000	0	0.00		
			595					0.00	0.00	136 818.00	1 346 285 406.10
		Total	595					0.00	0.00	136 818.00	1 346 285 406.10
Future											
Sep 2018	ZADK	Future	245	2.0883	2.0802	0.0000	0.0000	0	0.00		
Dec 2018	ZADK	Future	15	2.1283	2.1200	0.0000	0.0000	0	0.00		
			260					0.00	0.00	11 835.00	254 651 919.00
		Total	260					0.00	0.00	11 835.00	254 651 919.00
Future											
Sep 2018	ZAEU	Future	132,145	15.5285	15.4691	15.7000	15.6661	67	1,051,623.90		
Dec 2018	ZAEU	Future	34,373	15.8145	15.7538	15.9962	15.8700	916	14,601,856.00		
Mar 2019	ZAEU	Future	4,721	16.1326	16.0699	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	16.4376	16.3723	0.0000	0.0000	0	0.00		
			176,495					983.00	15,653,479.90	15 091 584.00	215 623 790 834.10
Option											
Sep 2018	ZAEU	13.50 Put	29,734	2.9608	3.3248	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	57,090	15.9133	18.5339	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	510.9072	556.0102	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	43.1123	40.1017	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	1.9717	2.1518	0.0000	0.0000	0	0.00		
Mar 2019	ZAEU	16.00 Call	650	786.8638	757.6424	0.0000	0.0000	0	0.00		
			290,856					0.00	0.00	8 025 012.00	0.00

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Total			467,351					983.00	15,653,479.90	23 116 596.00	215 623 790 834.10
Future											
Sep 2018	ZAFR	Future	1,575	13.4152	13.3615	0.0000	0.0000	0	0.00		
Dec 2018	ZAFR	Future	400	13.6754	13.6207	0.0000	0.0000	0	0.00		
Jun 2019	ZAFR	Future	150	14.2420	14.1834	0.0000	0.0000	0	0.00		
			<u>2,125</u>					<i>0.00</i>	<i>0.00</i>	614 653.00	6 579 733 890.30
Total			2,125					0.00	0.00	614 653.00	6 579 733 890.30
Future											
Sep 2018	ZAGB	Future	224,932	17.4358	17.3109	17.6000	17.5400	1,808	31,775,581.60		
Dec 2018	ZAGB	Future	12,534	17.7035	17.5770	17.8420	17.7553	1,002	17,790,984.00		
Mar 2019	ZAGB	Future	4,932	17.9963	17.8673	18.0373	18.0373	500	9,018,650.00		
Jun 2019	ZAGB	Future	6,156	18.2733	18.1402	0.0000	0.0000	0	0.00		
Sep 2019	ZAGB	Future	895	18.5808	18.4442	0.0000	0.0000	0	0.00		
			<u>249,449</u>					<i>3,310.00</i>	<i>58,585,215.60</i>	11 933 184.00	200 926 612 602.70
Total			249,449					3,310.00	58,585,215.60	13 707 297.00	200 926 612 602.70
Future											
Sep 2018	ZAJY	Future	115	0.1189	0.1181	0.0000	0.0000	0	0.00		
			<u>115</u>					<i>0.00</i>	<i>0.00</i>	993 919.00	11 089 418 491.40
Total			115					0.00	0.00	993 919.00	11 089 418 491.40
Future											
Sep 2018	ZAKS	Future	562	0.1311	0.1301	0.0000	0.0000	0	0.00		
Jun 2019	ZAKS	Future	1,093	0.1283	0.1283	0.0000	0.0000	0	0.00		
			<u>1,655</u>					<i>0.00</i>	<i>0.00</i>	35 358.00	476 333 960.00
Total			1,655					0.00	0.00	35 358.00	476 333 960.00
Future											
Sep 2018	ZATR	Future	1,500	2.6433	2.6320	0.0000	0.0000	0	0.00		
			<u>1,500</u>					<i>0.00</i>	<i>0.00</i>	305 794.00	1 053 284 652.00
Total			1,500					0.00	0.00	305 794.00	1 053 284 652.00
Future											
Sep 2018	ZAUM	Future	345	13.2664	13.1760	0.0000	0.0000	0	0.00		
Dec 2018	ZAUM	Future	20	13.4160	13.3246	0.0000	0.0000	0	0.00		
Mar 2019	ZAUM	Future	5	13.5748	13.4821	0.0000	0.0000	0	0.00		
			<u>370</u>					<i>0.00</i>	<i>0.00</i>	152 076.00	175 457 435 620.00
Total			370					0.00	0.00	156 599.00	175 457 435 620.00

<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>	
Future										
Sep 2018	ZAUS	Future	463,073	13.2664	13.1760	13.4171	13.2613	50,263	670,039,092.40	
Dec 2018	ZAUS	Future	68,768	13.4160	13.3246	13.5261	13.4480	32,233	438,084,481.40	
Mar 2019	ZAUS	Future	7,820	13.5748	13.4821	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	Future	15,910	13.7238	13.6290	0.0000	0.0000	500	6,956,800.00	
Dec 2019	ZAUS	Future	25	14.0482	13.9507	0.0000	0.0000	25	337,585.00	
			<u>555,596</u>					<u>83,021.00</u>	<u>1,115,417,958.80</u>	<u>179 496 877.00</u> <u>2 126 711 044 852.00</u>
Option										
Sep 2018	ZAUS	11.48 Put	5,200	2.2703	2.4324	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.50 Put	45,000	2.3813	2.5417	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.60 Put	2,000	3.0262	3.1729	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.75 Put	93,314	4.3491	4.4543	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.85 Put	48,200	5.5504	5.6107	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.90 Put	3,000	6.2754	6.3082	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.00 Put	13,300	8.7810	9.4173	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.25 Call	500	1035.8591	949.4858	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.25 Put	40,000	19.4591	23.4858	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.30 Put	100	22.6401	27.7882	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.38 Put	60,000	28.6889	36.0181	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.50 Call	4,600	806.8038	728.0008	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.50 Put	44,000	40.4038	52.0008	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.58 Put	8,000	51.1208	66.0738	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.61 Put	13,231	56.2292	72.4327	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.65 Put	1,550	63.6262	81.5832	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.77 Call	5,200	586.5527	519.9136	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.80 Call	50	564.2689	499.1958	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.80 Put	500	97.8689	123.1958	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.85 Put	750	111.7496	139.7725	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.00 Call	7,500	427.8468	374.0420	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.00 Put	72,000	161.4468	198.0420	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.10 Put	2,500	201.5972	244.1229	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.20 Call	4,000	313.9055	271.9519	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.20 Put	4,000	247.5055	295.9519	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.22 Put	10,000	258.1020	307.6177	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.25 Call	1,250	290.8313	251.5282	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.25 Put	74,064	274.4313	325.5282	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.30 Call	500	269.1796	232.4481	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.50 Call	2,000	195.8445	168.4001	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.60 Call	26,000	166.3491	142.8904	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.60 Put	4,000	499.9491	566.8904	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.65 Call	1,464	153.1870	131.5516	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	14.00 Call	60,000	85.0010	72.9685	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	14.00 Put	1,500	818.6010	896.9685	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.20 Call	500	60.3808	51.8069	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.70 Call	63,000	24.1293	20.7138	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.00 Call	4,000	12.8802	11.0690	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	1.9484	1.7075	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	1.9115	1.6820	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	1.8656	1.6507	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	1.8097	1.6139	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	28.2585	30.2769	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	230,784	33.4311	35.9315	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	41.9613	45.2861	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	48.7628	54.8166	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	50.2433	57.3358	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	58.7086	68.3099	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	72.7388	84.1731	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	80.6360	93.0587	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	104.1405	119.3611	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	230,784	1045.9432	972.6195	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	129.9432	148.0195	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	162.6947	184.1333	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	176.6907	200.0377	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	197.6310	224.2801	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	706.5941	649.7967	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	175,030	290.5941	325.1967	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	333.9717	371.8102	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	596.8583	546.5261	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	390.6540	432.3597	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	571.6006	522.8697	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	32,800	405.6006	448.2697	0.0000	0.0000	5,000	0.00
Dec 2018	ZAUS	13.45 Put	4,080	514.0245	564.9006	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	230,784	459.9447	420.8860	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	543.9447	596.2860	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	671.2402	729.0992	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.71 Put	30	677.9095	736.0277	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	361.3535	329.8610	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Put	100	725.3535	785.2610	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	732.2394	792.3974	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	355.1515	324.1555	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	311.8602	284.4010	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	21,010	298.6321	272.3906	0.0000	0.0000	10,000	0.00
Dec 2018	ZAUS	14.13 Call	20,000	267.0687	243.5823	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	225.3278	205.3876	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	14.38 Call	30	216.0170	196.8815	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	205.3877	187.1760	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	179.7200	163.7663	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	178.2374	162.4143	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	176.7657	161.0771	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	165.4787	150.3512	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	158.8280	143.8783	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	146.8067	132.9526	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	15,100	127.7341	115.6443	0.0000	0.0000	5,000	0.00
Dec 2018	ZAUS	15.01 Call	10,000	126.6327	114.6457	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	118.1773	106.9802	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	112.2322	101.5952	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	84.8130	76.7877	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	70.6501	63.9954	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	7.1301	6.9122	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	64.0111	70.2815	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	105.6470	116.5966	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	191.3150	210.8681	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	713.2088	666.0271	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	593.8830	639.6856	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	765.8363	819.2715	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	836.6285	892.4963	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	500	419.7248	391.7728	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	376.9462	351.7651	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	284.3623	264.4945	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	210.6764	195.2451	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	199.5769	184.8341	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	12.0340	10.9063	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	192.7105	212.1284	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	330.5923	357.7491	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	415.0283	447.8062	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	532.7451	572.1027	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	858.7117	911.0751	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.88 Put	12,450	889.8158	943.1807	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	516.5740	487.6887	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	460.3492	434.7843	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.55 Call	25,000	323.4237	304.4880	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.62 Call	12,450	312.7262	294.3391	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.80 Call	1,000	287.0456	269.9785	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.92 Call	911	271.2866	255.0391	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	10.75 Put	1,000	16.5953	18.2878	0.0000	0.0000	0	0.00
Sep 2019	ZAUS	12.50 Put	1,000	300.2807	323.2286	0.0000	0.0000	0	0.00

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Sep 2019	ZAUS	15.87 Call	1,000	414.9085	394.4166	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	143.7192	135.0721	0.0000	0.0000	0	0.00	
			<u>2,726,171</u>					<u>20,000.00</u>	<u>0.00</u>	<u>51 293 152.00</u>
		Total	3,281,767					103,021.00	1,115,417,958.80	230 790 029.00
										2 126 711 044 852.00

Grand Total	4,672,670							220,324.00	1 229 917 644.40	315,786,409	2,965,412,346,179.92
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