



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 30-October-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME		CUMULATIVE VOLUME	
Future											
Nov 2017	DAEU	Future	21	16.3967	16.4833	0.0000	0.0000	0	0.00		
Nov 2017	DAEU	Future	800	16.4447	16.5317	0.0000	0.0000	0	0.00		
Dec 2017	DAEU	Future	800	16.5565	16.6396	0.0000	0.0000	0	0.00		
			<u>1,621</u>					<u>0.00</u>	<u>0.00</u>	<u>247 763.00</u>	<u>3 573 969 135.30</u>
Option											
Jan 2018	DAEU	15.80 Put	193,000	212.3601	205.4252	0.0000	0.0000	0	0.00		
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>	<u>517 422.00</u>	<u>0.00</u>
		Total	194,621					0.00	0.00	765 185.00	3 573 969 135.30
Future											
Oct 2017	DAGB	Future	43	18.5471	18.5944	0.0000	0.0000	0	0.00		
Dec 2017	DAGB	Future	8	18.7091	18.6685	0.0000	0.0000	8	149,348.00		
			<u>51</u>					<u>8.00</u>	<u>149,348.00</u>	<u>53 435.00</u>	<u>876 299 052.50</u>
		Total	51					8.00	149,348.00	245 548.00	876 299 052.50
Future											
Oct 2017	DAUS	Future	500	14.0760	14.1735	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	80,000	14.0862	14.1865	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	70	14.1034	14.2037	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	300	14.1106	14.2110	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,392	14.1130	14.2134	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	1,990	14.1396	14.2401	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	Future	2,708	14.1445	14.2450	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	24	14.1540	14.2546	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	241	14.1779	14.2786	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	Future	1,768	14.1802	14.2810	0.0000	0.0000	18	255,555.00		
Dec 2017	DAUS	Future	916	14.2088	14.3098	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.2278	14.3288	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.2464	14.3477	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.2604	14.3619	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	70	14.2767	14.3785	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	1,546	14.2907	14.3927	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	14.3208	14.4230	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	14.4830	14.5863	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.5223	14.6259	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.6418	14.7465	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.6832	14.7882	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	14.6946	14.7998	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	14.7388	14.8436	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.9094	15.0111	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	14.9553	15.0579	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	15.1818	15.2918	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.5830	16.7250	0.0000	0.0000	0	0.00		
			<u>178,708</u>					<u>18.00</u>	<u>255,555.00</u>	<u>6 828 925.00</u>	<u>82 624 242 342.80</u>
Option											
Nov 2017	DAUS	13.35 Put	20,000	3.2405	3.6279	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.55 Put	20,000	9.8207	9.8899	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.80 Put	20,000	35.3481	36.4764	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.70 Call	40,000	414.2844	512.6818	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.70 Put	40,000	28.0844	26.1818	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	13.50 Put	60	53.3649	51.0085	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	17.74 Call	60	1.7548	2.6070	0.0000	0.0000	0	0.00		
Nov 2017	DAUS	12.75 Put	238,000	6.5825	6.7823	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	13.50 Put	60	140.6871	133.8632	0.0000	0.0000	0	0.00		
Dec 2017	DAUS	18.02 Call	60	7.9099	11.3106	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.20 Put	2,000	99.2691	93.4997	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.76 Call	1,000	302.6725	354.5562	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	14.88 Call	1,000	271.1039	319.3970	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.25 Put	107,000	129.2832	121.2821	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.27 Put	154,000	133.7049	125.4354	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.30 Put	40,904	140.5388	131.8546	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	13.40 Put	168,000	165.1129	154.9453	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	12.57 Put	242	41.9732	42.8451	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.04 Put	234	89.9687	84.4523	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.15 Put	3,496	109.7910	103.0625	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.22 Call	242	256.4388	299.0081	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.52 Call	2,723	201.8181	237.6661	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.79 Call	234	162.8750	193.7266	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	15.88 Call	773	151.2341	180.8467	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	1049.8849	1008.3044	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	340.2911	385.3718	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	13.80 Put	500	378.9097	0.0000	0.0000	0.0000	500	0.00		

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Apr 2018	DAUS	15.66 Call	500	380.3373	0.0000	0.0000	0.0000	500	0.00		
May 2018	DAUS	13.80 Put	500	402.1282	0.0000	0.0000	0.0000	500	0.00		
May 2018	DAUS	15.89 Call	500	403.4763	0.0000	0.0000	0.0000	500	0.00		
Jun 2018	DAUS	13.80 Put	500	423.2771	0.0000	0.0000	0.0000	500	0.00		
Jun 2018	DAUS	16.10 Call	500	425.0489	0.0000	0.0000	0.0000	500	0.00		
Jul 2018	DAUS	13.80 Put	500	442.2870	0.0000	0.0000	0.0000	500	0.00		
Jul 2018	DAUS	16.32 Call	500	446.2576	0.0000	0.0000	0.0000	500	0.00		
Aug 2018	DAUS	13.80 Put	500	460.3508	0.0000	0.0000	0.0000	500	0.00		
Aug 2018	DAUS	16.57 Call	500	460.9433	0.0000	0.0000	0.0000	500	0.00		
Sep 2018	DAUS	13.80 Put	500	474.1745	0.0000	0.0000	0.0000	500	0.00		
Sep 2018	DAUS	16.80 Call	500	472.1555	0.0000	0.0000	0.0000	500	0.00		
Oct 2018	DAUS	13.80 Put	500	488.7245	0.0000	0.0000	0.0000	500	0.00		
Oct 2018	DAUS	17.02 Call	500	494.1499	0.0000	0.0000	0.0000	500	0.00		
Nov 2018	DAUS	13.80 Put	500	504.9480	0.0000	0.0000	0.0000	500	0.00		
Nov 2018	DAUS	17.31 Call	500	510.6855	0.0000	0.0000	0.0000	500	0.00		
Dec 2018	DAUS	13.80 Put	500	518.9641	0.0000	0.0000	0.0000	500	0.00		
Dec 2018	DAUS	17.58 Call	500	531.3864	0.0000	0.0000	0.0000	500	0.00		
			<u>872,088</u>					<u>9,000.00</u>	<u>0.00</u>	<u>14 366 149.00</u>	<u>0.00</u>
Total			1,050,796					9,018.00	255,555.00	21 195 074.00	82 624 242 342.80
Future											
Dec 2017	EUUS	Future	126	1.1645	1.1622	0.0000	0.0000	0	0.00		
			<u>126</u>					<u>0.00</u>	<u>0.00</u>	<u>648 684.00</u>	<u>7 288 346 463.00</u>
Total			126					0.00	0.00	648 684.00	7 288 346 463.00
Future											
Dec 2017	ZAAD	Future	16,036	10.8711	10.9343	10.9055	10.9055	6,469	70,523,108.70		
Mar 2018	ZAAD	Future	500	11.0264	11.0909	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	1,550	11.1817	11.2469	0.0000	0.0000	0	0.00		
			<u>18,086</u>					<u>6,469.00</u>	<u>70,523,108.70</u>	<u>3 387 989.00</u>	<u>29 009 118 735.40</u>
Total			18,086					6,469.00	70,523,108.70	3 420 366.00	29 009 118 735.40
Future											
Dec 2017	ZACA	Future	350	11.0453	11.0918	0.0000	0.0000	0	0.00		
			<u>350</u>					<u>0.00</u>	<u>0.00</u>	<u>101 203.00</u>	<u>970 046 312.10</u>
Total			350					0.00	0.00	101 203.00	970 046 312.10
Future											
Dec 2017	ZAEU	Future	97,338	16.5218	16.6062	16.6124	16.5000	4,104	68,037,124.40		
Mar 2018	ZAEU	Future	13,521	16.8619	16.9475	16.8830	16.8401	504	8,508,700.40		
Jun 2018	ZAEU	Future	510	17.2067	17.2973	17.2283	17.2280	500	8,614,075.00		

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	Sep 2018	ZAEU	Future	4,679	17.5606	17.6493	0.0000	0.0000	0	0.00		
				<u>116,048</u>					<u>5,108.00</u>	<u>85,159,899.80</u>	<u>12 722 948.00</u>	<u>179 112 372 891.10</u>
Option												
	Dec 2017	ZAEU	14.00 Put	18,000	6.8927	7.4348	0.0000	0.0000	0	0.00		
	Dec 2017	ZAEU	16.39 Call	18,000	505.3886	575.0342	0.0000	0.0000	0	0.00		
	Mar 2018	ZAEU	15.05 Put	5,648	101.3044	102.9477	0.0000	0.0000	0	0.00		
	Mar 2018	ZAEU	15.10 Put	19,510	106.8160	108.4943	0.0000	0.0000	0	0.00		
	Mar 2018	ZAEU	16.50 Call	643	890.5292	959.2820	0.0000	0.0000	0	0.00		
	Mar 2018	ZAEU	17.00 Call	620	661.3810	721.3827	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	13.75 Put	54,617	28.6520	29.3643	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	15.25 Put	54,617	180.8425	176.9012	0.0000	0.0000	0	0.00		
	Jun 2018	ZAEU	20.55 Call	54,617	213.9902	237.4867	0.0000	0.0000	0	0.00		
				<u>226,272</u>					<u>0.00</u>	<u>0.00</u>	<u>5 583 922.00</u>	<u>0.00</u>
	Total			342,320					5,108.00	85,159,899.80	18 306 870.00	179 112 372 891.10
Future												
	Dec 2017	ZAFR	Future	1,502	14.2467	14.3420	0.0000	0.0000	0	0.00		
				<u>1,502</u>					<u>0.00</u>	<u>0.00</u>	<u>598 103.00</u>	<u>6 357 013 656.60</u>
	Total			1,502					0.00	0.00	598 103.00	6 357 013 656.60
Future												
	Dec 2017	ZAGB	Future	200,671	18.7207	18.7699	18.7977	18.7052	2,770	51,939,756.60		
	Mar 2018	ZAGB	Future	1,691	19.0560	19.1063	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	Future	3,383	19.3889	19.4424	0.0000	0.0000	0	0.00		
	Sep 2018	ZAGB	Future	3,565	19.7241	19.7754	0.0000	0.0000	0	0.00		
				<u>209,310</u>					<u>2,770.00</u>	<u>51,939,756.60</u>	<u>9 204 944.00</u>	<u>153 211 059 830.40</u>
Option												
	Dec 2017	ZAGB	18.20 Call	400	796.9348	850.8554	0.0000	0.0000	0	0.00		
	Dec 2017	ZAGB	19.80 Call	800	188.6913	219.8902	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	17.00 Put	500	158.2364	163.2235	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	20.14 Call	500	496.6562	535.5998	0.0000	0.0000	0	0.00		
				<u>2,200</u>					<u>0.00</u>	<u>0.00</u>	<u>1 770 013.00</u>	<u>0.00</u>
	Total			211,510					2,770.00	51,939,756.60	10 974 957.00	153 211 059 830.40
Future												
	Dec 2017	ZAJY	Future	225	0.1254	0.1258	0.0000	0.0000	0	0.00		
				<u>225</u>					<u>0.00</u>	<u>0.00</u>	<u>952 800.00</u>	<u>10 617 056 977.80</u>
	Total			225					0.00	0.00	952 800.00	10 617 056 977.80
Future												
	Jun 2018	ZAKS	Future	1,145	0.1355	0.1363	0.0000	0.0000	0	0.00		

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			1,145					0.00	0.00	30 799.00	417 691 770.00
		Total	1,145					0.00	0.00	30 799.00	417 691 770.00
Future											
	Dec 2017 ZATR	Future	4,775	3.6955	3.7062	0.0000	0.0000	0	0.00		
			4,775					0.00	0.00	232 443.00	840 432 591.50
		Total	4,775					0.00	0.00	232 443.00	840 432 591.50
Future											
	Dec 2017 ZAUM	Future	720	14.1874	14.2882	14.2216	14.1662	48	68,160,480.00		
	Mar 2018 ZAUM	Future	26	14.3996	14.5023	0.0000	0.0000	0	0.00		
	Jun 2018 ZAUM	Future	9	14.6096	14.7140	0.0000	0.0000	0	0.00		
			755					48.00	68,160,480.00	143 429.00	164 353 910 000.00
		Total	755					48.00	68,160,480.00	147 952.00	164 353 910 000.00
Future											
	Dec 2017 ZAUS	Future	1,001,446	14.1874	14.2882	14.2467	14.1550	52,541	746,301,864.10		
	Mar 2018 ZAUS	Future	173,893	14.3996	14.5023	14.4250	14.3900	83	1,197,016.50		
	Jun 2018 ZAUS	Future	109,742	14.6096	14.7140	14.6500	14.5943	1,141	16,690,644.70		
	Sep 2018 ZAUS	Future	2,757	14.8206	14.9239	0.0000	0.0000	0	0.00		
	Sep 2020 ZAUS	Future	184,000	16.7179	16.8617	0.0000	0.0000	0	0.00		
			1,471,838					53,765.00	764,189,525.30	157 300 982.00	1 840 069 958 891.40
Option											
	Dec 2017 ZAUS	11.75 Put	1,000	4.5086	5.3544	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.00 Put	20,141	6.3852	7.4393	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.16 Put	550	8.0164	9.2179	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.20 Put	4,000	8.4913	9.7303	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.21 Put	18,000	8.6146	9.8633	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.40 Put	114,600	11.3697	12.7983	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.50 Put	16,416	13.1937	14.7119	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.56 Put	7,100	14.4398	16.0077	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.65 Put	1,819	16.5567	18.1900	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.75 Put	10,000	19.3147	21.0016	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	12.76 Put	550	19.6174	21.3073	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.00 Put	10,000	37.7220	37.0164	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.10 Put	41,000	49.4058	48.0562	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.12 Put	40,000	52.0448	50.5401	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.15 Put	2,600	56.2025	54.4496	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.18 Put	16,000	60.6080	58.5857	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.20 Call	7,000	1051.0864	1149.6723	0.0000	0.0000	0	0.00		
	Dec 2017 ZAUS	13.20 Put	6,728	63.6864	61.4723	0.0000	0.0000	0	0.00		

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Dec 2017	ZAUS	13.21 Put	5,000	65.2696	62.9547	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.22 Put	7,100	66.8822	64.4651	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	1009.2978	1107.3587	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	90.6457	86.6571	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	101.2531	96.5318	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	812.4923	906.8872	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	741.2752	832.4341	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	635.8007	722.9725	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Put	3,000	208.4007	194.7725	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Put	550	223.6982	208.9666	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	535.4672	617.6724	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	497.6781	577.6505	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	310.2781	289.4505	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.27 Put	40,000	454.5037	423.0558	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	323.0874	386.9442	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,000	289.5698	349.5730	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	602.1698	561.3730	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	250.8094	305.8953	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	185.5258	230.9781	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	165.4418	207.9901	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	145.7942	184.9544	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	144.1266	182.9862	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	93.0951	121.8125	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	83.0243	109.4666	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	49.3425	69.6186	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	11.4961	18.3748	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	10.6170	16.6481	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	6.3944	8.9561	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	27.2720	27.6889	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	47.4620	47.7237	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	50.3500	50.5728	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	58.2372	58.3374	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	64.3641	64.3551	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	106.5877	105.5416	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	117.0645	113.9239	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	163.5670	156.4905	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	170.7830	163.3670	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	204.5931	195.5971	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	210.1709	200.9142	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	1139.1909	1231.2656	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,000	239.5909	228.9656	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	271.6169	259.5081	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	13.74 Put	20,880	321.9102	306.5594	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	969.4901	1055.9920	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	393.3870	373.2338	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	458.3928	435.2565	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	523.6056	497.5946	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	623.2927	693.4423	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	697.7409	663.9609	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	703.8136	669.7278	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	20,880	512.7998	575.2449	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	477.2860	537.0585	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	464.9875	523.8024	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	461.9629	520.5384	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	450.0612	507.6835	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	435.6189	492.0632	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	405.5088	459.3762	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	368.2009	418.3637	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	324.0299	370.0139	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	315.9008	361.0785	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	269.8898	310.2840	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	229.7045	266.7153	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	206.8030	241.0745	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	11.7327	12.4166	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	32,782	16.1516	16.5132	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	34.6082	32.4427	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	71.4626	67.6464	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	32,782	122.7678	116.9263	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	163.8847	156.5418	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	13,658	172.6760	165.0230	0.0000	0.0000	2,000	0.00
Jun 2018	ZAUS	13.05 Put	1,250	184.1146	176.0595	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	213.5294	204.5724	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	226.4234	217.3111	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	50	248.1200	238.3784	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	295.5433	283.9508	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	301.8559	290.0184	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	355.4662	341.5744	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.70 Put	184,000	377.0127	362.3053	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	426.4019	409.8540	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	430.3557	0.0000	0.0000	0.0000	500	0.00
Jun 2018	ZAUS	14.00 Put	6,130	500.8945	478.8536	0.0000	0.0000	500	0.00
Jun 2018	ZAUS	14.10 Put	7,028	548.1404	524.3517	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	783.0680	852.4528	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	745.2866	812.6714	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	15.11 Call	760	642.6988	704.1500	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	633.2777	694.1445	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	549.7506	604.7643	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	524.1109	577.1894	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	389.2947	433.0312	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	349.8037	390.3683	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.41 Call	300	344.7653	384.9120	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	331.7260	370.7768	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	32,782	326.9786	365.6252	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.00 Call	500	260.5070	0.0000	0.0000	0.0000	1,000	0.00		
Jun 2018	ZAUS	17.21 Call	500	236.3823	0.0000	0.0000	0.0000	1,000	0.00		
Jun 2018	ZAUS	17.28 Call	5,630	228.9220	258.5373	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.38 Call	7,028	218.7332	247.3285	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	19.4303	16.6607	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	117.0538	102.1673	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	124.7903	109.5642	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	168.5326	151.8276	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1582.9545	1670.0037	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.73 Put	2,500	441.4478	424.2301	0.0000	0.0000	690	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	621.0682	669.9785	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	604.6177	652.5100	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	581.9930	628.4670	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	17.02 Call	2,500	414.7693	451.6384	0.0000	0.0000	690	0.00		
			<u>2,523,267</u>					<u>6,380.00</u>	<u>0.00</u>	<u>39 112 163.00</u>	<u>0.00</u>
	Total		3,995,105					60,145.00	764,189,525.30	196 413 145.00	1 840 069 958 891.40
	Grand Total		5,821,367					83,566.00	1 040 377 673.40	262,557,586	2,524,059,575,825.90