



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 03-November-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Nov 2017	DAEU	Future	21	16.5574	16.3432	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	16.6065	16.3913	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	3	16.6728	16.5282	0.0000	0.0000	3	49,584.60
Dec 2017	DAEU	Future	800	16.7199	16.5028	0.0000	0.0000	0	0.00
			<u>1,624</u>					<u>3.00</u>	<u>49,584.60</u>
									<u>247 766.00</u>
									<u>3 574 018 719.90</u>
Option									
Jan 2018	DAEU	15.80 Put	193,000	165.2496	216.6382	0.0000	0.0000	0	0.00
			<u>193,000</u>					<u>0.00</u>	<u>0.00</u>
		Total	194,624					3.00	49,584.60
									<u>517 422.00</u>
									<u>0.00</u>
									<u>765 188.00</u>
									<u>3 574 018 719.90</u>
Future									
Dec 2017	DAGB	Future	10	18.7394	18.4717	0.0000	0.0000	2	36,858.00
Jan 2018	DAGB	Future	10	18.9156	18.6443	0.0000	0.0000	0	0.00
			<u>20</u>					<u>2.00</u>	<u>36,858.00</u>
		Total	20					2.00	36,858.00
									<u>53 490.00</u>
									<u>877 331 125.50</u>
Future									
Nov 2017	DAUS	Future	80,000	14.2412	13.9966	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	70	14.2513	14.0042	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	300	14.2578	14.0111	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,630	14.2603	14.0136	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	14.2880	14.0405	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	14.2931	14.0454	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	24	14.3032	14.0552	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	241	14.3274	14.0788	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,781	14.3297	14.0811	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	916	14.3583	14.1091	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.3773	14.1277	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	500	14.3915	14.1416	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	14.3962	14.1462	0.0000	0.0000	0	0.00

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Jan 2018	DAUS	Future	241	14.4104	14.1600	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	70	14.4269	14.1760	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	1,564	14.4410	14.1898	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	14.4716	14.2194	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	14.6357	14.3774	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	110	14.6497	14.3910	0.0000	0.0000	220	3,192,794.00		
May 2018	DAUS	Future	70	14.6755	14.4158	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	14.7223	14.4612	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.7972	14.5338	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.8394	14.5746	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	14.8511	14.5860	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	953	14.8651	14.5996	0.0000	0.0000	330	4,857,639.00		
Aug 2018	DAUS	Future	70	14.8959	14.6293	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	15.0706	14.7968	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	15.1160	14.8418	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	15.3345	15.0727	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.7637	16.4909	0.0000	0.0000	0	0.00		
			<u>180,221</u>					<u>550.00</u>	<u>8,050,433.00</u>	<u>6 832 213.00</u>	<u>82 671 402 221.00</u>

Option

Nov 2017	DAUS	13.70 Call	40,000	541.7122	316.9171	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.70 Put	40,000	0.5122	20.3171	0.0000	0.0000	0	0.00
Nov 2017	DAUS	13.50 Put	60	24.5211	54.3764	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	1.1646	1.1977	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	4.4692	8.3156	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	83.9431	141.2697	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	6.7672	5.7089	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.50 Call	150	370.4671	0.0000	0.0000	0.0000	150	0.00
Jan 2018	DAUS	13.20 Put	2,000	68.5435	107.5511	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	328.3690	250.3737	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	292.3142	221.9844	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	100.2659	145.2930	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	103.8653	150.0820	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	109.4434	157.4751	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	129.6420	183.9803	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	35.2023	47.4055	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	68.8907	102.6088	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	84.7799	124.2500	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	280.0008	217.6463	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	218.1428	168.8253	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	174.4918	133.6010	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	162.0618	123.4820	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.50 Put	100,000	182.7218	245.5476	0.0000	0.0000	0	0.00

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Mar 2018	DAUS	13.40 Put	100,000	159.3538	216.1133	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	940.2739	1101.0381	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	361.1058	299.0436	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	13.80 Put	1,000	324.7791	409.9911	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.23 Call	500	517.3704	430.3470	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.66 Call	500	404.5167	336.0345	0.0000	0.0000	0	0.00		
May 2018	DAUS	13.80 Put	1,000	349.4616	432.5748	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.43 Call	500	541.6314	456.6178	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	427.8970	359.9563	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	371.3424	451.8029	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	563.4435	479.4889	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	449.8820	381.1591	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	391.5541	470.8908	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	587.4946	503.9736	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	473.7421	403.4675	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	410.5821	488.5251	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	602.0052	519.8768	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	488.4244	418.6628	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	425.4030	503.2514	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	616.2023	534.9875	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	499.5217	431.5263	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	440.6265	518.1872	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	635.8388	553.6336	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	522.1423	453.9509	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	456.7227	534.3899	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	654.1819	575.7503	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	533.8409	470.1614	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	470.7011	547.9299	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	674.3323	599.4552	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	551.6559	491.4986	0.0000	0.0000	0	0.00		
			<u>1,021,238</u>					<u>150.00</u>	<u>0.00</u>	<u>14 575 299.00</u>	<u>0.00</u>
		Total	1,201,459					700.00	8,050,433.00	21 407 512.00	82 671 402 221.00
Future											
Dec 2017	EUUS	Future	111	1.1638	1.1689	0.0000	0.0000	0	0.00		
			<u>111</u>					<u>0.00</u>	<u>0.00</u>	<u>648 699.00</u>	<u>7 288 521 918.00</u>
		Total	111					0.00	0.00	648 699.00	7 288 521 918.00
Future											
Dec 2017	ZAAD	Future	16,036	10.9519	10.8723	10.8845	10.8845	350	3,809,575.00		
Mar 2018	ZAAD	Future	1,150	11.1092	11.0262	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	550	11.2678	11.1799	0.0000	0.0000	0	0.00		

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			17,736					350.00	3,809,575.00	3 391 238.00	29 045 243 463.10
		Total	17,736					350.00	3,809,575.00	3 423 615.00	29 045 243 463.10
Future											
	Dec 2017 ZACA	Future	350	11.2293	10.9925	0.0000	0.0000	0	0.00		
			350					0.00	0.00	121 203.00	1 189 651 312.10
		Total	350					0.00	0.00	121 203.00	1 189 651 312.10
Future											
	Dec 2017 ZAEU	Future	104,622	16.6846	16.4681	16.7020	16.5350	7,821	130,050,669.10		
	Mar 2018 ZAEU	Future	13,724	17.0295	16.8051	16.9101	16.8741	520	8,788,868.00		
	Jun 2018 ZAEU	Future	510	17.3798	17.1461	0.0000	0.0000	0	0.00		
	Sep 2018 ZAEU	Future	4,679	17.7409	17.4974	0.0000	0.0000	0	0.00		
			123,535					8,341.00	138,839,537.10	12 740 628.00	179 405 371 638.30
Option											
	Dec 2017 ZAEU	14.00 Put	18,000	5.1293	6.4377	0.0000	0.0000	0	0.00		
	Dec 2017 ZAEU	16.39 Call	18,000	562.3756	440.8132	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.05 Put	5,648	86.4796	99.1441	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	15.10 Put	19,510	91.2014	104.3960	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	16.50 Call	643	977.1447	840.6297	0.0000	0.0000	0	0.00		
	Mar 2018 ZAEU	17.00 Call	620	724.2979	616.1531	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	13.75 Put	54,617	28.2947	32.5293	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	15.25 Put	54,617	156.0968	185.2070	0.0000	0.0000	0	0.00		
	Jun 2018 ZAEU	20.55 Call	54,617	225.0270	193.1247	0.0000	0.0000	0	0.00		
			226,272					0.00	0.00	5 583 922.00	0.00
		Total	349,807					8,341.00	138,839,537.10	18 324 550.00	179 405 371 638.30
Future											
	Dec 2017 ZAFR	Future	1,502	14.3434	14.1500	0.0000	0.0000	0	0.00		
			1,502					0.00	0.00	598 103.00	6 357 013 656.60
		Total	1,502					0.00	0.00	598 103.00	6 357 013 656.60
Future											
	Dec 2017 ZAGB	Future	204,517	18.7509	18.4830	18.7871	18.5052	2,065	38,518,564.50		
	Mar 2018 ZAGB	Future	3,191	19.0877	18.8111	18.9532	18.8564	200	3,780,960.00		
	Jun 2018 ZAGB	Future	3,383	19.4251	19.1379	0.0000	0.0000	0	0.00		
	Sep 2018 ZAGB	Future	3,565	19.7670	19.4692	0.0000	0.0000	0	0.00		
			214,656					2,265.00	42,299,524.50	9 215 392.00	153 407 349 780.60
Option											
	Dec 2017 ZAGB	18.20 Call	400	791.7404	619.2790	0.0000	0.0000	0	0.00		
	Dec 2017 ZAGB	19.80 Call	800	166.9845	119.3922	0.0000	0.0000	0	0.00		

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Mar 2018	ZAGB	17.00 Put	500	157.1182	190.2156	0.0000	0.0000	0	0.00	
Mar 2018	ZAGB	20.14 Call	500	495.9671	409.5871	0.0000	0.0000	0	0.00	
			2,200					0.00	0.00	1 770 013.00
		Total	216,856					2,265.00	42,299,524.50	10 985 405.00
										153 407 349 780.60
Future										
Dec 2017	ZAJY	Future	225	0.1257	0.1240	0.0000	0.0000	0	0.00	
			225					0.00	0.00	952 800.00
		Total	225					0.00	0.00	10 617 056 977.80
										952 800.00
										10 617 056 977.80
Future										
Jun 2018	ZAKS	Future	1,145	0.1354	0.1342	0.0000	0.0000	0	0.00	
			1,145					0.00	0.00	30 799.00
		Total	1,145					0.00	0.00	417 691 770.00
										30 799.00
										417 691 770.00
Future										
Dec 2017	ZATR	Future	4,775	3.6606	3.6542	0.0000	0.0000	0	0.00	
			4,775					0.00	0.00	232 443.00
		Total	4,775					0.00	0.00	840 432 591.50
										232 443.00
										840 432 591.50
Future										
Dec 2017	ZAUM	Future	752	14.3369	14.0881	14.2745	14.1597	70	99,556,200.00	
Mar 2018	ZAUM	Future	28	14.5513	14.2961	0.0000	0.0000	0	0.00	
Jun 2018	ZAUM	Future	9	14.7644	14.5021	0.0000	0.0000	0	0.00	
			789					70.00	99,556,200.00	143 962.00
		Total	789					70.00	99,556,200.00	165 108 314 270.00
										148 485.00
										165 108 314 270.00
Future										
Dec 2017	ZAUS	Future	1,021,937	14.3369	14.0881	14.3590	14.1025	84,281	1,199,509,359.40	
Mar 2018	ZAUS	Future	173,485	14.5513	14.2961	14.5303	14.3615	1,735	24,994,592.90	
Jun 2018	ZAUS	Future	110,251	14.7644	14.5021	14.6310	14.6309	1,560	22,824,304.00	
Sep 2018	ZAUS	Future	2,767	14.9797	14.7096	0.0000	0.0000	0	0.00	
Sep 2020	ZAUS	Future	184,000	16.9083	16.6269	0.0000	0.0000	0	0.00	
			1,492,440					87,576.00	1,247,328,256.30	157 605 857.00
										1 844 398 690 290.30
Option										
Dec 2017	ZAUS	11.75 Put	1,000	2.6738	3.5224	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.00 Put	20,141	3.5649	4.7710	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.16 Put	550	4.3139	5.8410	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.20 Put	4,000	4.5286	6.1509	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.21 Put	18,000	4.5843	6.2313	0.0000	0.0000	0	0.00	
Dec 2017	ZAUS	12.40 Put	114,600	5.8101	8.0264	0.0000	0.0000	0	0.00	

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Dec 2017	ZAUS	12.50 Put	16,416	6.6095	9.2167	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.56 Put	7,100	7.1517	10.0324	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.65 Put	1,819	8.0681	11.4246	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.75 Put	10,000	9.2564	14.7801	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	12.76 Put	550	9.3866	15.3215	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.00 Put	10,000	16.3373	33.9572	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.10 Put	41,000	22.8228	45.6495	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.12 Put	40,000	24.3397	48.3191	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.15 Put	2,600	26.7661	52.5459	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.18 Put	16,000	29.3825	57.0473	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Call	7,000	1168.1360	948.3061	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.20 Put	6,728	31.2360	60.2061	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.21 Put	5,000	32.1972	61.8333	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.22 Put	7,100	33.1816	63.4932	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.25 Call	16,141	1123.1768	906.7738	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.35 Put	52,000	48.2539	88.2093	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.40 Put	114,600	55.2814	99.3589	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.50 Call	11,016	908.5384	713.1289	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.60 Call	4,000	828.2502	643.0112	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Call	3,750	708.4133	540.0153	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.76 Put	3,000	131.5133	211.9153	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.80 Put	550	143.2890	227.9784	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	13.93 Call	7,100	593.2612	443.3284	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Call	19,000	549.5625	407.3405	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.00 Put	33,000	212.6625	319.2405	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.27 Put	40,000	334.8048	474.5256	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.40 Call	2,000	343.1986	249.0344	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,000	304.4434	219.6179	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	467.5434	631.5179	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	259.8898	186.2029	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	185.8700	131.3695	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	163.9194	115.1828	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	142.4574	99.6335	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	140.6301	98.3278	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	85.8831	59.6006	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	75.4168	51.2441	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	43.2348	27.6348	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	7.5927	5.9150	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	6.6802	5.6550	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	4.9791	4.4356	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	22.1218	30.2349	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	39.1786	52.4154	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	12.40 Put	2,500	41.6386	55.5820	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	48.3767	64.2209	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	53.6297	70.9278	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	90.1565	120.0868	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	97.6916	131.7876	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	133.8517	181.7271	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	139.9368	189.4359	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	168.6150	225.4452	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	173.3712	231.3667	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	1249.8636	1058.6534	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,000	198.5636	262.5534	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	3,000	226.1861	296.4077	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	269.0745	351.5271	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	1066.9137	895.9631	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	330.5382	425.9983	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	388.3252	493.4393	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	446.8669	560.8884	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	684.4362	562.8216	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	604.9603	741.5464	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	610.4831	747.8134	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	20,880	560.2879	458.0147	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	520.6032	424.4984	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	506.8475	412.9108	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	8,395	503.4615	410.0645	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	490.1404	398.8685	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	473.9649	385.2994	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	440.1842	357.5682	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	397.9115	323.0540	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	348.4040	282.4019	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	339.3187	274.9453	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.75 Call	15,000	287.9242	232.9243	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	244.7913	195.6836	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	219.5097	175.1635	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	10.7679	11.7961	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	32,782	14.8060	16.6988	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	137,000	27.5778	40.7367	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	58.4970	81.5441	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	32,782	102.6359	137.1787	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	138.6104	181.2238	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	14,658	146.3572	190.5985	0.0000	0.0000	2,000	0.00
Jun 2018	ZAUS	13.05 Put	1,250	156.4621	202.7749	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	182.6661	233.3191	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	13.22 Put	15,000	194.4210	246.9150	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.30 Put	50	214.2741	269.7523	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.46 Put	5,183	256.1522	319.5140	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.48 Put	7,420	261.7473	326.1239	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.64 Put	70,530	309.4507	382.1400	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.70 Put	184,000	328.7097	404.5991	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.83 Put	300	373.0499	456.8338	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.84 Put	500	376.6098	461.2213	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	13.90 Put	1,000	398.4148	0.0000	0.0000	0.0000	1,000	0.00		
Jun 2018	ZAUS	14.00 Put	6,130	436.4757	534.5863	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.10 Put	7,028	479.5299	583.4225	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.71 Call	50	844.5816	720.6082	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	14.81 Call	500	803.1603	684.4259	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.11 Call	760	690.7594	586.4482	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.14 Call	2,700	680.4123	577.4715	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.43 Call	15,000	588.1321	498.7228	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	15.53 Call	965	559.5541	474.5217	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.16 Call	5,183	412.7214	347.0297	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.38 Call	750	370.6432	310.4914	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.41 Call	300	365.1432	305.8444	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.49 Call	7,420	350.8976	293.8238	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	16.52 Call	32,782	345.7126	289.4510	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.00 Call	1,500	273.1803	228.5172	0.0000	0.0000	2,000	0.00		
Jun 2018	ZAUS	17.21 Call	500	246.9017	206.5415	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.28 Call	5,630	238.7865	199.7643	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.38 Call	7,028	227.7098	190.5249	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	16.5673	17.5133	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	93.6197	130.5002	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	100.3506	138.8795	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	138.8938	185.9987	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1697.9599	1499.0745	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.73 Put	2,500	394.7116	469.5039	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	660.0538	572.0445	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	642.1673	556.4705	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	617.5650	535.0826	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	17.02 Call	2,500	437.9188	377.1322	0.0000	0.0000	0	0.00		
			<u>2,526,267</u>					<u>5,000.00</u>	<u>0.00</u>	<u>39 117 163.00</u>	<u>0.00</u>
	Total		4,018,707					92,576.00	1,247,328,256.30	196 723 020.00	1 844 398 690 290.30

<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>
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Grand Total		6,008,106					104,307.00	1 539 969 968.50	263,131,882	2,529,936,146,910.70
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