



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-November-2017

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Nov 2017	DAEU	Future	21	16.4390	16.4102	0.0000	0.0000	0	0.00
Nov 2017	DAEU	Future	800	16.4803	16.4616	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	3	16.5018	16.4835	0.0000	0.0000	0	0.00
Dec 2017	DAEU	Future	800	16.5857	16.5734	0.0000	0.0000	0	0.00
			<u>1,624</u>					<u>0.00</u>	<u>0.00</u>
									<u>247 766.00</u>
									<u>3 574 018 719.90</u>
Option									
Jan 2018	DAEU	15.80 Put	193,000	181.4985	190.6606	0.0000	0.0000	0	0.00
Feb 2018	DAEU	16.41 Put	114,748	427.7165	440.7274	0.0000	0.0000	0	0.00
			<u>307,748</u>					<u>0.00</u>	<u>0.00</u>
									<u>632 170.00</u>
									<u>0.00</u>
		Total	309,372					0.00	0.00
									879 936.00
									3 574 018 719.90
Future									
Dec 2017	DAGB	Future	10	18.6588	18.7201	0.0000	0.0000	0	0.00
Jan 2018	DAGB	Future	10	18.8323	18.8983	0.0000	0.0000	0	0.00
			<u>20</u>					<u>0.00</u>	<u>0.00</u>
									<u>53 490.00</u>
									<u>877 331 125.50</u>
Option									
Dec 2017	DAGB	19.19 Call	15,200	132.0198	156.9327	0.0000	0.0000	0	0.00
			<u>15,200</u>					<u>0.00</u>	<u>0.00</u>
									<u>207 313.00</u>
									<u>0.00</u>
		Total	15,220					0.00	0.00
									260 803.00
									877 331 125.50
Future									
Nov 2017	DAUS	Future	70	14.1626	14.1624	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	200	14.1687	14.1693	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	300	14.1703	14.1728	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,630	14.1719	14.1762	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	1,990	14.1962	14.2034	0.0000	0.0000	0	0.00
Nov 2017	DAUS	Future	2,708	14.2011	14.2083	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	24	14.2109	14.2182	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	241	14.2351	14.2425	0.0000	0.0000	0	0.00
Dec 2017	DAUS	Future	1,781	14.2372	14.2449	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>		
Dec 2017	DAUS	Future	916	14.2621	14.2733	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.2788	14.2922	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	500	14.2913	14.3064	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.2954	14.3111	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	14.3092	14.3253	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	70	14.3283	14.3419	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	1,564	14.3447	14.3560	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	70	14.3802	14.3866	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	14.5370	14.5482	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	110	14.5504	14.5621	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	14.5750	14.5875	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	14.6215	14.6336	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	14.6962	14.7074	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	14.7382	14.7489	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	14.7499	14.7604	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	14.7639	14.7743	0.0000	0.0000	1,800	26,596,620.00		
Aug 2018	DAUS	Future	70	14.7943	14.8045	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	14.9716	14.9777	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	15.0178	15.0231	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	15.2459	15.2483	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	16.6730	16.6602	0.0000	0.0000	0	0.00		
			<u>101,321</u>					<u>1,800.00</u>	<u>26,596,620.00</u>	<u>6 874 413.00</u>	<u>83 271 207 141.00</u>

Option

Nov 2017	DAUS	13.50 Put	60	13.9592	16.7850	0.0000	0.0000	0	0.00
Nov 2017	DAUS	17.74 Call	60	0.4361	0.5507	0.0000	0.0000	0	0.00
Nov 2017	DAUS	12.75 Put	238,000	3.0865	3.9682	0.0000	0.0000	0	0.00
Dec 2017	DAUS	13.50 Put	60	85.6129	91.3402	0.0000	0.0000	0	0.00
Dec 2017	DAUS	18.02 Call	60	4.2377	4.8450	0.0000	0.0000	0	0.00
Dec 2017	DAUS	14.50 Call	150	307.7244	320.2520	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	72.9454	75.5327	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	277.8494	286.4771	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	245.4040	253.2826	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	106.9874	107.9599	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	154,000	110.8298	111.7887	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	116.7828	117.7203	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	138.3325	139.1712	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	34.5264	35.8237	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	73.4871	74.4564	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	90.4429	91.3972	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	238.7174	242.9511	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	183.3412	187.0224	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	144.8051	148.0432	0.0000	0.0000	0	0.00

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Feb 2018	DAUS	15.88 Call	773	133.5020	136.5844	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	13.80 Put	35,000	263.8188	263.5882	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	14.18 Put	90,000	454.2566	454.5347	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	13.50 Put	100,000	193.7506	196.0689	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	13.40 Put	100,000	169.0139	171.4339	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.00 Put	1,000	987.7906	986.5585	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.81 Call	2,000	324.9365	331.8069	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	13.80 Put	1,000	343.3070	347.7033	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.23 Call	500	470.2336	479.6271	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	15.66 Call	500	365.5785	373.2407	0.0000	0.0000	0	0.00		
May 2018	DAUS	13.80 Put	1,000	368.9757	372.2105	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.43 Call	500	496.0718	503.9441	0.0000	0.0000	0	0.00		
May 2018	DAUS	15.89 Call	500	389.8176	396.1256	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	391.5275	392.7099	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	520.0816	525.6794	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	413.3749	417.7066	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.19 Put	1,500	571.9885	571.4795	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.72 Call	1,500	553.1144	557.9624	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	411.4728	411.8727	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	544.7643	549.0346	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	436.6521	439.9629	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	430.7963	429.8670	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	561.2906	563.4004	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	452.6537	454.2615	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	445.5017	443.8021	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	577.2016	577.3659	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	465.3063	465.3584	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	460.9955	458.9201	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	598.4600	596.5610	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	488.9788	487.3544	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	475.8621	474.2561	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	616.2400	614.7876	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	501.1111	499.9900	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	489.1079	487.8262	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	637.7173	636.2726	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	519.9102	518.7991	0.0000	0.0000	0	0.00		
			<u>1,069,238</u>					<u>0.00</u>	<u>0.00</u>	<u>14 703 299.00</u>	<u>0.00</u>
		Total	1,170,559					1,800.00	26,596,620.00	21 577 712.00	83 271 207 141.00
Future											
	Dec 2017	EUUS	Future	111	1.1622	1.1604	0.0000	0.0000	0	0.00	
				<u>111</u>				<u>0.00</u>	<u>0.00</u>	<u>648 949.00</u>	<u>7 291 422 418.00</u>

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Total			111					0.00	0.00	648 949.00	7 291 422 418.00
Future											
Dec 2017	ZAAD	Future	16,426	10.9328	10.8994	0.0000	0.0000	0	0.00		
Mar 2018	ZAAD	Future	900	11.0902	11.0563	0.0000	0.0000	0	0.00		
Jun 2018	ZAAD	Future	300	11.2450	11.2124	0.0000	0.0000	0	0.00		
			<u>17,626</u>					<i>0.00</i>	<i>0.00</i>	3 392 478.00	29 058 932 383.10
Total			17,626					0.00	0.00	3 424 855.00	29 058 932 383.10
Future											
Dec 2017	ZACA	Future	350	11.1904	11.1593	0.0000	0.0000	0	0.00		
			<u>350</u>					<i>0.00</i>	<i>0.00</i>	121 303.00	1 190 772 512.10
Total			350					0.00	0.00	121 303.00	1 190 772 512.10
Future											
Dec 2017	ZADK	Future	1,200	2.2253	2.2228	2.2346	2.2268	500	11,158,800.00		
			<u>1,200</u>					<i>500.00</i>	<i>11,158,800.00</i>	9 270.00	198 794 259.00
Total			1,200					500.00	11,158,800.00	9 270.00	198 794 259.00
Future											
Dec 2017	ZAEU	Future	108,630	16.5542	16.5378	16.6677	16.5860	1,536	25,540,797.10		
Mar 2018	ZAEU	Future	14,051	16.9006	16.8814	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	Future	736	17.2420	17.2262	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	Future	4,679	17.6018	17.5826	0.0000	0.0000	0	0.00		
			<u>128,096</u>					<i>1,536.00</i>	<i>25,540,797.10</i>	12 754 100.00	179 630 836 569.00
Option											
Dec 2017	ZAEU	14.00 Put	18,000	3.2506	4.6959	0.0000	0.0000	0	0.00		
Dec 2017	ZAEU	16.39 Call	18,000	452.4121	455.7431	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.05 Put	5,648	89.0493	91.4333	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	19,510	93.9324	96.3087	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.39 Put	174,600	435.4066	446.9390	0.0000	0.0000	48,000	0.00		
Mar 2018	ZAEU	16.50 Call	643	884.9647	877.6506	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	646.2501	641.1459	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	54,507	27.8640	29.8836	0.0000	0.0000	110	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	36.2981	38.7098	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	54,507	168.5523	174.1638	0.0000	0.0000	220	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	501.1497	510.7503	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	473.1743	472.7148	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	54,507	195.4503	197.0588	0.0000	0.0000	110	0.00		
			<u>421,542</u>					<i>48,440.00</i>	<i>0.00</i>	5 794 892.00	0.00
Total			549,638					49,976.00	25,540,797.10	18 548 992.00	179 630 836 569.00

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Future											
Dec 2017	ZAFR	Future	1,502	14.2801	14.3069	0.0000	0.0000	0	0.00		
			<u>1,502</u>					<u>0.00</u>	<u>0.00</u>	<u>598 403.00</u>	<u>6 361 410 016.60</u>
		Total	1,502					0.00	0.00	598 403.00	6 361 410 016.60
Future											
Dec 2017	ZAGB	Future	210,703	18.6690	18.7317	18.8000	18.6745	1,020	19,179,728.00		
Mar 2018	ZAGB	Future	3,691	19.0079	19.0702	0.0000	0.0000	0	0.00		
Jun 2018	ZAGB	Future	4,883	19.3379	19.4050	0.0000	0.0000	0	0.00		
Sep 2018	ZAGB	Future	3,565	19.6820	19.7457	0.0000	0.0000	0	0.00		
			<u>222,842</u>					<u>1,020.00</u>	<u>19,179,728.00</u>	<u>9 225 143.00</u>	<u>153 591 540 637.10</u>
Option											
Dec 2017	ZAGB	18.20 Call	400	701.2081	755.0040	0.0000	0.0000	0	0.00		
Dec 2017	ZAGB	19.80 Call	800	123.6657	142.3297	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	17.00 Put	500	150.3362	150.4435	0.0000	0.0000	0	0.00		
Mar 2018	ZAGB	20.14 Call	500	446.3853	474.0945	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	225,042					1,020.00	19,179,728.00	10 995 156.00	153 591 540 637.10
Future											
Dec 2017	ZAJY	Future	225	0.1257	0.1250	0.0000	0.0000	0	0.00		
			<u>225</u>					<u>0.00</u>	<u>0.00</u>	<u>952 950.00</u>	<u>10 619 017 477.80</u>
		Total	225					0.00	0.00	952 950.00	10 619 017 477.80
Future											
Jun 2018	ZAKS	Future	1,145	0.1358	0.1358	0.0000	0.0000	0	0.00		
Sep 2018	ZAKS	Future	562	0.1345	0.1345	0.0000	0.0000	0	0.00		
			<u>1,707</u>					<u>0.00</u>	<u>0.00</u>	<u>31 923.00</u>	<u>432 652 210.00</u>
		Total	1,707					0.00	0.00	31 923.00	432 652 210.00
Future											
Dec 2017	ZATR	Future	4,775	3.6311	3.6428	0.0000	0.0000	0	0.00		
			<u>4,775</u>					<u>0.00</u>	<u>0.00</u>	<u>232 448.00</u>	<u>840 450 875.50</u>
		Total	4,775					0.00	0.00	232 448.00	840 450 875.50
Future											
Dec 2017	ZAUM	Future	815	14.2434	14.2520	14.2968	14.2626	65	92,844,780.00		
Mar 2018	ZAUM	Future	28	14.4563	14.4651	0.0000	0.0000	0	0.00		
Jun 2018	ZAUM	Future	9	14.6635	14.6751	0.0000	0.0000	0	0.00		
			<u>852</u>					<u>65.00</u>	<u>92,844,780.00</u>	<u>144 144.00</u>	<u>165 369 265 840.00</u>

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Total			852					65.00	92,844,780.00	148 667.00	165 369 265 840.00
Future											
Dec 2017	ZAUS	Future	1,023,206	14.2434	14.2520	14.3399	14.2386	74,471	1,064,157,313.80		
Mar 2018	ZAUS	Future	174,370	14.4563	14.4651	14.5275	14.4603	17,104	248,579,756.90		
Jun 2018	ZAUS	Future	110,251	14.6635	14.6751	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	Future	3,267	14.8793	14.8875	0.0000	0.0000	0	0.00		
Sep 2020	ZAUS	Future	184,000	16.8126	16.7985	0.0000	0.0000	0	0.00		
			1,495,094					91,575.00	1,312,737,070.70	157 809 181.00	1 847 311 019 265.80
Option											
Dec 2017	ZAUS	11.75 Put	1,000	1.5451	2.2120	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.00 Put	20,141	2.2574	3.1096	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.16 Put	550	2.8981	3.8942	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.20 Put	4,000	3.0881	4.1234	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.21 Put	18,000	3.1376	4.1832	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.40 Put	114,600	4.2697	5.5243	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.50 Put	16,416	5.0431	6.4225	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.56 Put	7,100	5.5814	7.0405	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.65 Put	1,819	6.5139	8.0996	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.75 Put	10,000	7.7602	9.4964	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	12.76 Put	550	7.8987	9.6505	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.00 Put	10,000	15.9431	18.5861	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.10 Put	41,000	22.3135	25.5174	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.12 Put	40,000	23.8097	27.1303	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.15 Put	2,600	26.2063	29.7036	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.18 Put	16,000	28.7953	32.4711	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.20 Call	7,000	1074.0337	1086.4295	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.20 Put	6,728	30.6337	34.4295	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.21 Put	5,000	31.5873	35.4436	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.22 Put	7,100	32.5647	36.4808	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.25 Call	16,141	1029.0440	1041.7414	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.35 Put	52,000	47.6189	52.3121	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.40 Put	114,600	54.6839	59.6652	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.50 Call	11,016	814.6278	828.7477	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.60 Call	4,000	735.3956	749.8924	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.76 Call	3,750	618.5000	633.1432	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.76 Put	3,000	135.1000	141.1432	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.80 Put	550	147.6984	153.7088	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	13.93 Call	7,100	507.3085	521.6145	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Call	19,000	465.5918	479.6135	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.00 Put	33,000	222.1918	227.6135	0.0000	0.0000	0	0.00		
Dec 2017	ZAUS	14.27 Put	40,000	354.1484	357.8394	0.0000	0.0000	0	0.00		

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Dec 2017	ZAUS	14.40 Call	2,000	276.2373	287.7385	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Call	7,000	241.7103	252.5304	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.50 Put	2,055	498.3103	500.5304	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.63 Call	10,000	202.6631	212.5412	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	14.90 Call	1,500	139.6173	147.4965	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.00 Call	5,580	121.2444	128.4943	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.11 Call	1,900	103.5378	110.1985	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.12 Call	40,000	102.0581	108.6665	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.50 Call	25,457	58.9455	63.7121	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	15.60 Call	10,000	51.0224	55.3693	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	16.00 Call	117,200	26.8171	29.6085	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.13 Call	18,000	3.9661	4.5960	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	17.24 Call	33,000	3.7970	4.3876	0.0000	0.0000	0	0.00
Dec 2017	ZAUS	18.06 Call	2,055	3.0425	3.4423	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.00 Put	225,000	22.1904	23.8416	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	39.6853	41.8589	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	42.2200	44.4507	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	26,000	49.1773	51.5432	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	54.6125	57.0700	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	92.6011	95.4234	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	94,964	100.4701	103.3242	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	141.8025	144.8460	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	2,478	148.2693	151.3263	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	178.7308	181.8120	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	2,500	183.7785	186.8575	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	15,000	1166.8096	1178.6604	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	210.5096	213.5604	0.0000	0.0000	750	0.00
Mar 2018	ZAUS	13.60 Put	3,000	239.7921	242.7705	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	285.1991	288.0124	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	988.6299	1000.2017	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	351.2751	353.5938	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	412.1374	413.9344	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	463.8666	0.0000	0.0000	0.0000	750	0.00
Mar 2018	ZAUS	14.18 Put	41,000	473.6368	474.8929	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Put	65,000	483.5184	484.6859	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	622.5456	631.3171	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	639.4530	639.2693	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	645.3192	645.0956	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	1,000	657.1281	656.8242	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	20,880	506.3257	513.8871	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	469.0509	476.1511	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	456.1566	463.0925	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	14.91 Call	8,395	452.9866	459.8807	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	440.5182	447.2485	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	5,626	425.3998	431.9221	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	393.9024	399.9782	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	355.0772	360.7519	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	309.5106	314.7590	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	65,000	301.1511	306.3179	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	264.5900	0.0000	0.0000	0.0000	750	0.00
Mar 2018	ZAUS	15.75 Call	15,000	254.0528	258.7157	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	3,276	213.9275	218.1085	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	191.0741	194.9501	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	10.3342	10.4812	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	32,782	14.6973	14.9060	0.0000	0.0000	66	0.00
Jun 2018	ZAUS	12.00 Put	137,000	31.5025	32.0035	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	64.5004	65.5652	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	32,782	110.7168	112.4782	0.0000	0.0000	132	0.00
Jun 2018	ZAUS	12.96 Put	2,700	148.0206	150.2758	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	14,658	156.0278	158.3821	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	166.4591	168.9376	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	193.4640	196.2500	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	205.5063	208.3521	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	50	225.7066	228.4759	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	270.0468	272.6002	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	275.9668	278.4857	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	326.4035	328.6083	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.70 Put	184,000	346.7467	348.8076	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	393.5279	395.2467	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	397.2828	398.9703	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	420.2638	421.7736	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	6,130	462.9757	464.1419	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	508.0161	508.8111	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	784.5991	794.3455	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	745.2476	754.5845	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	638.4372	646.5148	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	628.6313	636.5875	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	541.5804	548.3744	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	515.0233	521.4973	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	376.7002	381.4211	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	336.5084	340.9394	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	331.3943	335.7874	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	318.1591	322.4550	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	32,782	313.3458	317.6049	0.0000	0.0000	66	0.00

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Jun 2018	ZAUS	17.00 Call	1,500	246.2688	249.9793	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.21 Call	500	222.0863	225.5800	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.28 Call	5,630	214.6307	218.0531	0.0000	0.0000	0	0.00		
Jun 2018	ZAUS	17.38 Call	7,028	204.4654	207.7955	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.00 Put	750	17.3594	16.6125	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	5,300	103.9507	103.1897	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	111.1154	110.3678	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	750	151.8978	151.2577	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.65 Call	1,464	1615.0981	1622.4343	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.73 Put	2,500	413.5711	412.4754	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	15.97 Call	5,300	617.9649	619.1888	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.04 Call	1,550	600.9222	602.0499	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	16.14 Call	750	577.5018	578.5011	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	17.02 Call	2,500	406.2353	406.9704	0.0000	0.0000	0	0.00		
			<u>2,594,517</u>					<u>2,514.00</u>	<u>0.00</u>	<u>39 186 073.00</u>	<u>0.00</u>
	Total		4,089,611					94,089.00	1,312,737,070.70	196 995 254.00	1 847 311 019 265.80

Grand Total	6,387,790	147,450.00	1 488 057 795.80	263,943,808	2,534,198,121,867.40
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