



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 09-July-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jul 2018	DAEU	Future	34	15.7335	15.9084	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.7816	15.9563	0.0000	0.0000	0	0.00
			<u>67</u>					<u>0.00</u>	<u>0.00</u>
									<u>791 057.00</u>
									<u>11 807 017 135.60</u>
Option									
Jul 2018	DAEU	15.63 Put	10,000	83.4612	59.4580	0.0000	0.0000	0	0.00
			<u>10,000</u>					<u>0.00</u>	<u>0.00</u>
									<u>956 787.00</u>
									<u>0.00</u>
		Total	10,067					0.00	0.00
									1 747 844.00
									11 807 017 135.60
Future									
Jul 2018	DAUS	Future	142	13.3708	13.5154	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	34	13.3778	13.5224	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.3848	13.5294	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.3917	13.5363	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	40,070	13.3935	13.5381	0.0000	0.0000	40,000	536,918,000.00
Jul 2018	DAUS	Future	920	13.3969	13.5415	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,867	13.4039	13.5485	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.4074	13.5519	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.4265	13.5711	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	5,970	13.4300	13.5746	0.0000	0.0000	1,500	20,158,650.00
Aug 2018	DAUS	Future	600	13.4386	13.5834	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,404	13.4576	13.6027	0.0000	0.0000	143	1,935,433.50
Sep 2018	DAUS	Future	197	13.4628	13.6080	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	4,137	13.5062	13.6519	0.0000	0.0000	143	1,942,369.00
Oct 2018	DAUS	Future	55	13.5131	13.6590	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.5530	13.6993	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.5599	13.7063	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,608	13.5634	13.7098	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	13.5651	13.7116	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.5859	13.7326	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	700	13.5911	13.7379	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Nov 2018	DAUS	Future	3,363	13.6153	13.7625	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	2,078	13.6690	13.8168	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.6724	13.8203	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.7203	13.8690	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.7220	13.8708	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.7441	13.8933	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	13.7697	13.9193	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.8156	13.9661	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.8258	13.9766	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.8737	14.0252	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.9269	14.0792	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	13.9320	14.0844	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.9801	14.1332	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.0357	14.1901	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.0943	14.2502	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.1492	14.3065	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.2023	14.3610	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.2609	14.4210	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.3176	14.4792	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.3707	14.5337	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.4275	14.5919	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.4842	14.6501	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.5337	14.7007	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.5959	14.7646	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.7043	14.8768	0.0000	0.0000	0	0.00		
			<u>221,584</u>					<u>41,786.00</u>	<u>560,954,452.50</u>	<u>10 360 847.00</u>	<u>126 158 423 315.10</u>
Option											
Jul 2018	DAUS	14.45 Put	1,500	1063.7748	929.3365	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	0.1414	0.5173	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.50 Put	40,000	232.0726	172.4797	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.00 Put	500	46.5774	33.2862	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.50 Call	500	157.9495	241.9136	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	472.8404	381.3629	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	0.5639	1.3054	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	0.3708	0.5972	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	7.2783	5.6019	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	536.1125	442.7168	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	0.6196	1.0562	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.00 Put	500	116.2944	90.0501	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.65 Call	500	235.2131	309.4727	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	532.1633	451.4710	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	3.9253	8.7444	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>
Aug 2018	DAUS	16.57 Call	500	2.7637	4.5469	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	253.8536	209.9547	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	160.1080	131.0984	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	283.5968	356.7959	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	571.1270	497.5581	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	17.8430	26.6334	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	8.0650	12.8983	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	202.0785	170.2648	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	608.0063	538.7753	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	329.8706	401.0865	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	34.7533	46.8597	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	21.2561	29.0838	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	24.7938	23.3369	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	652.4380	580.8711	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	29.5171	38.9288	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	5.6564	4.7681	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	21.2147	19.3504	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	678.1650	783.6759	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	233.2072	201.1736	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	635.5828	568.8346	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	361.0396	429.9360	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	52.1031	63.9901	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	37.2932	45.2781	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	551.4443	493.4722	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	117.2127	144.4467	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.20 Put	1,000	332.1725	291.5014	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.30 Put	1,000	377.3559	332.9773	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.66 Call	1,000	270.4006	321.6116	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.75 Call	1,000	253.9608	302.4316	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.00 Put	500	258.6504	227.2954	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	657.0929	592.6582	0.0000	0.0000	0	0.00
Dec 2018	DAUS	14.22 Call	500	390.5205	457.9484	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	68.2359	81.2490	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	51.4009	60.5131	0.0000	0.0000	0	0.00
Jan 2019	DAUS	13.00 Put	500	284.1432	253.2298	0.0000	0.0000	0	0.00
Jan 2019	DAUS	14.38 Call	500	416.1377	482.1407	0.0000	0.0000	0	0.00
Feb 2019	DAUS	13.00 Put	500	306.0775	274.7497	0.0000	0.0000	0	0.00
Feb 2019	DAUS	14.52 Call	500	439.1986	503.7513	0.0000	0.0000	0	0.00
Mar 2019	DAUS	13.00 Put	500	327.0149	295.6432	0.0000	0.0000	0	0.00
Mar 2019	DAUS	14.67 Call	500	460.2678	523.9406	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.00 Put	3,000	347.5186	316.3969	0.0000	0.0000	0	0.00
Apr 2019	DAUS	13.49 Call	2,500	949.2043	1050.0446	0.0000	0.0000	0	0.00

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Apr 2019	DAUS	14.84 Call	500	480.1827	542.9494	0.0000	0.0000	0	0.00	
May 2019	DAUS	13.00 Put	500	367.3561	335.3992	0.0000	0.0000	0	0.00	
May 2019	DAUS	15.01 Call	500	498.0223	560.0488	0.0000	0.0000	0	0.00	
Jun 2019	DAUS	13.00 Put	500	382.4354	351.0500	0.0000	0.0000	0	0.00	
Jun 2019	DAUS	15.17 Call	500	511.4719	572.6757	0.0000	0.0000	0	0.00	
Jul 2019	DAUS	13.45 Put	39,250	577.4244	529.6758	0.0000	0.0000	0	0.00	
Jul 2019	DAUS	16.44 Call	39,250	306.6331	347.4748	0.0000	0.0000	0	0.00	
Jul 2019	DAUS	13.00 Put	500	402.0124	369.3941	0.0000	0.0000	0	0.00	
Jul 2019	DAUS	15.34 Call	500	536.1662	597.1576	0.0000	0.0000	0	0.00	
Aug 2019	DAUS	13.00 Put	500	419.0074	384.7890	0.0000	0.0000	0	0.00	
Aug 2019	DAUS	15.52 Call	500	554.4680	615.0829	0.0000	0.0000	0	0.00	
Sep 2019	DAUS	13.00 Put	500	433.8995	399.4167	0.0000	0.0000	0	0.00	
Sep 2019	DAUS	15.68 Call	500	576.2695	637.5707	0.0000	0.0000	0	0.00	
Oct 2019	DAUS	13.00 Put	500	448.3005	413.0598	0.0000	0.0000	0	0.00	
Oct 2019	DAUS	15.87 Call	500	592.4586	653.5733	0.0000	0.0000	0	0.00	
Nov 2019	DAUS	13.00 Put	500	460.4617	424.7276	0.0000	0.0000	0	0.00	
Nov 2019	DAUS	16.03 Call	500	610.9354	671.2399	0.0000	0.0000	0	0.00	
Dec 2019	DAUS	13.00 Put	500	473.2666	433.7982	0.0000	0.0000	0	0.00	
Dec 2019	DAUS	16.21 Call	500	629.4182	689.2836	0.0000	0.0000	0	0.00	
			<u>365,527</u>					0.00	0.00	19 223 832.00
		Total	587,111					41,786.00	560,954,452.50	29 584 679.00
										126 158 423 315.10
Future										
Sep 2018	EUUS	Future	145	1.1816	1.1819	1.1855	1.1819	35	414,490.00	
			<u>145</u>					35.00	414,490.00	729 399.00
		Total	145					35.00	414,490.00	8 269 813 087.00
Future										
Sep 2018	ZAAD	Future	12,355	10.0706	10.1245	0.0000	0.0000	0	0.00	
Dec 2018	ZAAD	Future	11,412	10.1888	10.2448	0.0000	0.0000	0	0.00	
Jun 2019	ZAAD	Future	4,929	10.4429	10.5042	0.0000	0.0000	0	0.00	
			<u>28,696</u>					0.00	0.00	3 683 748.00
		Total	28,696					0.00	0.00	31 990 969 049.30
Future										
Dec 2018	ZACA	Future	500	10.4437	10.5569	0.0000	0.0000	0	0.00	
			<u>500</u>					0.00	0.00	136 153.00
		Total	500					0.00	0.00	1 339 439 627.10
Future										
Sep 2018	ZAEU	Future	138,368	15.9364	16.1130	16.0213	15.9200	1,069	17,082,954.50	

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Dec 2018	ZAEU	Future	21,688	16.2303	16.4105	16.2885	16.2885	500	8,144,250.00		
Mar 2019	ZAEU	Future	4,808	16.5573	16.7409	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	16.8671	17.0549	0.0000	0.0000	0	0.00		
			<u>170,120</u>					<u>1,569.00</u>	<u>25,227,204.50</u>	<u>15 042 989.00</u>	<u>214 853 694 312.80</u>
Option											
Sep 2018	ZAEU	13.50 Put	29,734	4.5612	4.1303	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	86,688	11.4052	9.4141	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	346.3629	284.4481	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	156.1410	210.8428	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	6.1016	8.4249	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	489,924					1,569.00	25,227,204.50	23 007 505.00	214 853 694 312.80
Future											
Sep 2018	ZAFR	Future	1,215	13.6952	13.8685	13.7086	13.7083	75	1,028,139.00		
Dec 2018	ZAFR	Future	50	13.9605	14.1375	0.0000	0.0000	0	0.00		
			<u>1,265</u>					<u>75.00</u>	<u>1,028,139.00</u>	<u>613 543.00</u>	<u>6 564 236 765.30</u>
		Total	1,265					75.00	1,028,139.00	613 543.00	6 564 236 765.30
Future											
Sep 2018	ZAGB	Future	226,726	17.9321	18.1433	18.1350	17.9800	1,520	27,389,615.00		
Dec 2018	ZAGB	Future	7,437	18.2082	18.4212	18.3085	18.3084	1,000	18,308,450.00		
Mar 2019	ZAGB	Future	4,932	18.5083	18.7243	18.6475	18.5467	525	9,739,537.50		
Jun 2019	ZAGB	Future	6,543	18.7906	19.0088	18.8119	18.8119	500	9,405,950.00		
			<u>245,638</u>					<u>3,545.00</u>	<u>64,843,552.50</u>	<u>11 913 822.00</u>	<u>200 579 170 241.00</u>
		Total	245,638					3,545.00	64,843,552.50	13 687 935.00	200 579 170 241.00
Future											
Sep 2018	ZAJY	Future	115	0.1224	0.1240	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	0.1323	0.1336	0.0000	0.0000	0	0.00		
Jun 2019	ZAKS	Future	1,093	0.1294	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	2.8730	2.8871	0.0000	0.0000	0	0.00		
			<u>12,775</u>					<u>0.00</u>	<u>0.00</u>	<u>292 754.00</u>	<u>1 018 368 407.50</u>

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Total			12,775					0.00	0.00	292 754.00	1 018 368 407.50
Future											
Sep 2018	ZAUM	Future	350	13.4870	13.6326	0.0000	0.0000	0	0.00		
Dec 2018	ZAUM	Future	15	13.6395	13.7870	0.0000	0.0000	0	0.00		
			365					0.00	0.00	151 996.00	175 349 616 090.00
Total			365					0.00	0.00	156 519.00	175 349 616 090.00
Future											
Sep 2018	ZAUS	Future	523,748	13.4870	13.6326	13.5959	13.4325	70,741	956,592,852.00		
Dec 2018	ZAUS	Future	71,902	13.6395	13.7870	13.7181	13.7181	390	5,336,129.80		
Mar 2019	ZAUS	Future	5,932	13.8003	13.9505	13.8205	13.8205	10	138,205.00		
Jun 2019	ZAUS	Future	14,910	13.9509	14.1036	0.0000	0.0000	0	0.00		
			616,492					71,141.00	962,067,186.80	178 482 179.00	2 113 067 165 330.00
Option											
Sep 2018	ZAUS	11.48 Put	5,200	3.9859	4.1479	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.50 Put	45,000	4.0893	4.2692	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.60 Put	2,000	4.6569	4.9365	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	93,314	5.6945	6.1646	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.85 Put	48,200	6.5416	7.1707	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.90 Put	3,000	7.0218	7.7418	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.00 Put	13,300	8.1171	9.0426	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.25 Call	500	1252.2697	1396.1149	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.25 Put	40,000	15.2697	13.5149	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.30 Put	100	18.4920	14.6833	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.38 Put	60,000	24.7516	19.5693	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Call	4,600	1024.1207	1161.8578	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.50 Put	34,000	37.1207	29.2578	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.58 Put	8,000	47.6792	37.5720	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.61 Put	13,231	52.1707	41.1216	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.65 Put	1,550	58.6400	46.2469	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.77 Call	5,200	798.5761	927.1529	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.80 Call	50	775.1887	902.4679	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	12.85 Put	3,750	100.0382	79.4292	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.00 Call	30,000	629.7528	746.9814	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.00 Put	73,000	142.7528	114.3814	0.0000	0.0000	81,034	0.00		
Sep 2018	ZAUS	13.20 Call	4,000	503.0453	610.1754	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.20 Put	4,000	216.0453	177.5754	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.22 Put	26,000	224.4267	184.8913	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Call	1,250	474.3627	578.8115	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.25 Put	74,064	237.3627	196.2115	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	13.50 Call	2,000	348.7265	439.2495	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	13.60 Call	26,000	309.2103	391.3223	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Put	4,000	422.2103	358.7223	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	291.0457	368.9873	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Call	63,000	189.7228	248.1347	0.0000	0.0000	63,000	0.00
Sep 2018	ZAUS	14.00 Put	1,500	702.7228	615.5347	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.70 Call	63,000	80.0149	0.0000	0.0000	0.0000	81,034	0.00
Sep 2018	ZAUS	15.00 Call	4,000	54.6901	78.6530	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	15.5164	24.0576	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	14.2135	22.1400	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	12.5513	19.6779	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	10.3580	16.5196	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	27.0810	23.0609	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	230,784	32.2112	27.7380	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	40.6432	35.4790	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	47.3321	41.6528	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	48.7835	42.9969	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	55.0039	48.7602	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.20 Put	7,300	63.7793	56.9127	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.25 Put	3,300	68.6243	61.4195	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	86.6064	74.6253	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	230,784	1248.2709	1380.2473	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	26,500	108.7709	93.2473	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	137.0649	118.2066	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	149.2013	128.9603	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	1,000	167.4072	145.1406	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	885.0745	1001.2263	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	175,030	245.5745	214.2263	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	284.1447	247.0264	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	765.5595	872.2049	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.22 Put	5,500	334.8408	293.2361	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	737.7621	842.5201	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Put	22,800	348.2621	305.5201	0.0000	0.0000	15,000	0.00
Dec 2018	ZAUS	13.45 Put	4,080	445.2121	394.8315	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	230,784	610.9377	706.1394	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	471.4377	419.1394	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.70 Put	7,300	584.6867	524.0058	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.71 Put	30	590.7711	529.5632	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	493.6545	576.2590	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Put	100	634.1545	569.2590	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	640.4625	575.0413	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	486.2979	567.8553	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	434.5025	509.9194	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	14.00 Call	16,000	418.5075	491.9317	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.13 Call	20,000	379.6858	448.0858	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	327.1515	388.2854	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.38 Call	30	315.3043	374.6761	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	301.7321	359.0082	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	268.5739	320.5122	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	266.6397	318.2587	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	264.7212	316.0192	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.70 Call	20,000	249.9209	298.7232	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	241.1435	288.4404	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	226.2150	270.8994	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	16,600	202.2166	242.5751	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.01 Call	10,000	200.6982	240.9200	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	188.9667	228.1191	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	180.6518	219.0290	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	29,600	141.4566	172.9887	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	1,000	139.4003	170.5294	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	11,380	120.5597	147.9014	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	10.33 Put	1,000	5.9745	5.4591	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	50.9071	42.4530	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	87.9372	76.0888	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.47 Put	721	162.0806	144.2843	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	868.4765	969.1344	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.46 Put	20,000	523.2731	473.4093	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	681.8333	622.7750	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.86 Put	721	747.4829	684.7260	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.30 Call	500	537.0387	610.1756	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	485.9177	553.7249	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	376.2334	430.4696	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.45 Call	20,000	289.7244	335.3236	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	15.54 Call	721	275.8324	319.5713	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	10.0446	9.3643	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	157.5906	132.4325	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	290.2055	263.8653	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	367.6855	336.1137	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	469.1883	431.3171	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	774.8998	715.8437	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.88 Put	12,450	804.2377	743.8285	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.58 Call	1,000	632.4640	706.5958	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	14.82 Call	30,000	567.9446	635.5933	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.55 Call	25,000	413.1707	467.0358	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	15.62 Call	12,450	400.5533	453.0650	0.0000	0.0000	0	0.00

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Jun 2019	ZAUS	15.80 Call	1,000	370.1199	419.2917	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.92 Call	911	351.3367	398.3961	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	10.75 Put	1,000	17.4032	20.0019	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	12.50 Put	1,000	250.9686	222.3949	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.87 Call	1,000	514.7445	572.0949	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	205.2981	234.3774	0.0000	0.0000	0	0.00	
			<u>2,745,161</u>					<u>240,068.00</u>	<u>0.00</u>	<u>51 056 478.00</u>
		Total	3,361,653					311,209.00	962,067,186.80	229 538 657.00
										2 113 067 165 330.00

Grand Total	4,739,909					358,219.00	1 614 535 025.30	313,074,980	2,948,528,482,739.72
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