



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 20-June-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jul 2018	DAEU	Future	34	15.8914	16.0078	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.9428	16.0577	0.0000	0.0000	0	0.00
			<u>67</u>					<u>0.00</u>	<u>0.00</u>
									<u>791 007.00</u>
									<u>11 806 212 560.60</u>
Option									
Jul 2018	DAEU	15.63 Put	10,000	167.7567	138.9451	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
									1 747 794.00
									11 806 212 560.60
Future									
Jun 2018	DAUS	Future	0	13.5975	13.7700	0.0000	0.0000	5,947	80,864,332.50
Jun 2018	DAUS	Future	0	13.6611	13.7700	0.0000	0.0000	20	272,534.00
Jun 2018	DAUS	Future	4,240	13.6713	13.7824	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	100	13.6766	13.7878	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.6783	13.7895	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.6835	13.7949	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.7080	13.8198	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.7150	13.8269	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.7167	13.8288	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.7202	13.8324	0.0000	0.0000	500	6,853,950.00
Jul 2018	DAUS	Future	2,427	13.7273	13.8397	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.7308	13.8433	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.7502	13.8633	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	5,470	13.7537	13.8669	0.0000	0.0000	1,000	13,808,000.00
Aug 2018	DAUS	Future	600	13.7626	13.8760	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	2,602	13.7822	13.8959	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	197	13.7875	13.9014	0.0000	0.0000	20	275,050.00
Sep 2018	DAUS	Future	3,280	13.8322	13.9468	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.8393	13.9541	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.8801	13.9961	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.8872	14.0035	0.0000	0.0000	0	0.00

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Oct 2018	DAUS	Future	3,363	13.8908	14.0071	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	55	13.8926	14.0089	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.9139	14.0309	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	3,117	13.9440	14.0620	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	Future	1,830	13.9992	14.1189	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.0028	14.1226	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	14.0531	14.1744	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	14.0549	14.1763	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	14.0782	14.2004	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	4,725	14.1051	14.2281	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	14.1536	14.2782	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	14.1643	14.2894	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	14.2144	14.3416	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	14.2699	14.3994	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	14.2753	14.4050	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	14.3220	14.4511	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	14.3626	14.4900	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	14.4045	14.5300	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.4438	14.5676	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	14.4817	14.6039	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	14.5236	14.6440	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.5642	14.6829	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.6022	14.7192	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.6428	14.7580	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.6834	14.7968	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.7187	14.8307	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.7632	14.8732	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.8854	15.0002	0.0000	0.0000	0	0.00		
			<u>182,840</u>					<u>7,487.00</u>	<u>102,073,866.50</u>	<u>10 285 384.00</u>	<u>125 138 327 922.80</u>
Option											
Jun 2018	DAUS	12.22 Put	500	0.1418	0.6131	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.44 Put	109	0.3623	1.2498	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.45 Put	635	0.3821	1.2782	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.47 Put	158	0.4248	1.3372	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.52 Call	109	1151.8533	1263.8997	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.55 Call	500	1121.9482	1234.0086	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.56 Call	635	1111.9833	1224.0470	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.62 Call	158	1052.2366	1164.3019	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	12.85 Call	500	824.3845	935.8436	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	13.80 Put	1,000	236.6550	192.6602	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	15.62 Call	500	0.2479	1.0156	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	0.0487	0.2485	0.0000	0.0000	0	0.00		

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Jul 2018	DAUS	11.80 Put	2,000	0.1721	0.2272	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	1.5647	2.2889	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	571.3049	676.4314	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	2.5047	2.7193	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	0.7278	0.8245	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.25 Put	20,000	41.6114	35.4826	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	245.7957	329.1045	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Put	20,000	162.2957	134.2045	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	186.2910	258.4985	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	831.7455	753.6319	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	6.0742	10.5310	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.00 Put	500	54.2121	47.9104	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Call	500	433.0645	518.9347	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	362.1581	318.9579	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	12.6414	21.6469	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	4.5367	9.4222	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	6.0873	5.7908	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	416.7333	370.2814	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	12.4735	19.6604	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	101.6470	91.6093	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	479.0507	557.8628	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	428.8643	387.6231	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	41.8465	54.3313	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	24.9147	33.2183	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.30 Put	747	212.5569	189.9428	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	138.3249	124.9626	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	514.3737	588.1718	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	473.4309	431.9009	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	65.8851	80.8203	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	42.7698	53.4597	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	175.4930	159.8374	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	516.0783	474.7822	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	552.0628	622.7357	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	92.4154	110.0611	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	66.9725	79.6875	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	29.2362	27.0802	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	555.1667	512.0434	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	79.8828	94.1425	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	6.0980	5.6958	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	22.3353	19.4758	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	962.5875	1057.8292	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	205.6358	188.5635	0.0000	0.0000	0	0.00

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Nov 2018	DAUS	13.80 Put	1,000	548.4235	507.4296	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	14.08 Call	500	577.6363	646.1103	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	16.70 Call	500	113.0170	132.3986	0.0000	0.0000	0	0.00			
Nov 2018	DAUS	17.31 Call	500	85.7895	100.1304	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	13.65 Put	20,000	479.1592	442.1244	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	15.69 Call	20,000	227.9777	262.1858	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	13.00 Put	500	230.7837	213.0847	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	13.80 Put	1,000	573.7625	533.3724	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	14.22 Call	500	603.7859	671.4899	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	16.93 Call	500	133.9190	153.3251	0.0000	0.0000	0	0.00			
Dec 2018	DAUS	17.58 Call	500	104.7113	120.2653	0.0000	0.0000	0	0.00			
Jan 2019	DAUS	13.00 Put	500	253.3074	236.0458	0.0000	0.0000	0	0.00			
Jan 2019	DAUS	14.38 Call	500	622.3530	689.5107	0.0000	0.0000	0	0.00			
Feb 2019	DAUS	13.00 Put	500	271.9704	254.7135	0.0000	0.0000	0	0.00			
Feb 2019	DAUS	14.52 Call	500	639.4148	706.4956	0.0000	0.0000	0	0.00			
Mar 2019	DAUS	13.00 Put	500	289.6264	273.0207	0.0000	0.0000	0	0.00			
Mar 2019	DAUS	14.67 Call	500	654.3457	722.1657	0.0000	0.0000	0	0.00			
Apr 2019	DAUS	13.00 Put	3,000	307.6109	290.9943	0.0000	0.0000	0	0.00			
Apr 2019	DAUS	13.49 Call	2,500	1217.4230	1319.4784	0.0000	0.0000	0	0.00			
Apr 2019	DAUS	14.84 Call	500	668.7974	736.7301	0.0000	0.0000	0	0.00			
May 2019	DAUS	13.00 Put	500	324.4468	308.0252	0.0000	0.0000	0	0.00			
May 2019	DAUS	15.01 Call	500	682.0448	749.9738	0.0000	0.0000	0	0.00			
Jun 2019	DAUS	13.00 Put	500	339.6989	322.6889	0.0000	0.0000	0	0.00			
Jun 2019	DAUS	15.17 Call	500	692.9324	759.7563	0.0000	0.0000	0	0.00			
Jul 2019	DAUS	13.00 Put	500	361.2688	340.6560	0.0000	0.0000	0	0.00			
Jul 2019	DAUS	15.34 Call	500	710.7709	774.6385	0.0000	0.0000	0	0.00			
Aug 2019	DAUS	13.00 Put	500	379.4767	356.5082	0.0000	0.0000	0	0.00			
Aug 2019	DAUS	15.52 Call	500	720.0612	781.3292	0.0000	0.0000	0	0.00			
Sep 2019	DAUS	13.00 Put	500	396.2782	374.1581	0.0000	0.0000	0	0.00			
Sep 2019	DAUS	15.68 Call	500	734.8874	793.9694	0.0000	0.0000	0	0.00			
Oct 2019	DAUS	13.00 Put	500	411.1001	389.6070	0.0000	0.0000	0	0.00			
Oct 2019	DAUS	15.87 Call	500	743.4608	800.2208	0.0000	0.0000	0	0.00			
Nov 2019	DAUS	13.00 Put	500	426.8217	403.0383	0.0000	0.0000	0	0.00			
Nov 2019	DAUS	16.03 Call	500	754.9142	810.0465	0.0000	0.0000	0	0.00			
Dec 2019	DAUS	13.00 Put	500	440.3372	417.6366	0.0000	0.0000	0	0.00			
Dec 2019	DAUS	16.21 Call	500	765.6451	819.0624	0.0000	0.0000	0	0.00			
			<u>398,331</u>					<u>0.00</u>	<u>0.00</u>	<u>19 029 082.00</u>	<u>0.00</u>	
	Total		581,171					7,487.00	102,073,866.50	29 314 466.00	125 138 327 922.80	
Future												
	Sep 2018	EUUS	Future	3,781	1.1656	1.1644	0.0000	0.0000	695	8,113,430.00		
				<u>3,781</u>					<u>695.00</u>	<u>8,113,430.00</u>	<u>714 232.00</u>	<u>8 092 469 565.00</u>

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Total			3,781					695.00	8,113,430.00	714 232.00	8 092 469 565.00
Future											
Sep 2018	JYZA	Future	283	7.9249	7.8388	0.0000	0.0000	0	0.00		
			<u>283</u>					<u>0.00</u>	<u>0.00</u>	19 983.00	198 146 012.97
Total			283					0.00	0.00	295 783.00	198 146 012.97
Future											
Sep 2018	ZAAD	Future	8,621	10.1876	10.2637	10.2110	10.2110	40	408,440.00		
Dec 2018	ZAAD	Future	11,412	10.3087	10.3900	0.0000	0.0000	0	0.00		
Jun 2019	ZAAD	Future	4,929	10.5773	10.6664	0.0000	0.0000	0	0.00		
			<u>24,962</u>					<u>40.00</u>	<u>408,440.00</u>	3 678 964.00	31 942 506 926.40
Total			24,962					40.00	408,440.00	3 711 341.00	31 942 506 926.40
Future											
Dec 2018	ZACA	Future	500	10.5376	10.6469	0.0000	0.0000	0	0.00		
			<u>500</u>					<u>0.00</u>	<u>0.00</u>	136 153.00	1 339 439 627.10
Total			500					0.00	0.00	136 153.00	1 339 439 627.10
Future											
Sep 2018	ZAEU	Future	134,914	16.0993	16.2168	16.1301	16.0090	489	7,860,488.10		
Dec 2018	ZAEU	Future	19,006	16.3961	16.5207	16.3394	16.3394	500	8,169,700.00		
Mar 2019	ZAEU	Future	4,808	16.7329	16.8673	0.0000	0.0000	0	0.00		
Jun 2019	ZAEU	Future	5,256	17.0526	17.1963	0.0000	0.0000	0	0.00		
			<u>163,984</u>					<u>989.00</u>	<u>16,030,188.10</u>	15 016 078.00	214 415 108 967.40
Option											
Sep 2018	ZAEU	13.50 Put	29,734	9.8401	9.8977	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	86,688	23.7800	23.2512	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	86,824	383.7071	344.5429	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.76 Call	29,734	298.9877	345.0783	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	86,824	27.3192	34.1963	0.0000	0.0000	0	0.00		
			<u>319,804</u>					<u>0.00</u>	<u>0.00</u>	7 964 516.00	0.00
Total			483,788					989.00	16,030,188.10	22 980 594.00	214 415 108 967.40
Future											
Sep 2018	ZAFR	Future	1,215	13.9813	14.1029	0.0000	0.0000	0	0.00		
			<u>1,215</u>					<u>0.00</u>	<u>0.00</u>	612 948.00	6 555 963 200.80
Total			1,215					0.00	0.00	612 948.00	6 555 963 200.80
Future											
Sep 2018	ZAGB	Future	225,032	18.2713	18.4177	18.3001	18.1937	212	3,870,650.80		

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Dec 2018	ZAGB	Future	7,498	18.5554	18.7100	0.0000	0.0000	0	0.00		
Mar 2019	ZAGB	Future	4,932	18.8731	19.0374	0.0000	0.0000	0	0.00		
Jun 2019	ZAGB	Future	6,543	19.1711	19.3449	0.0000	0.0000	0	0.00		
			<u>244,005</u>					<u>212.00</u>	<u>3,870,650.80</u>	<u>11 886 866.00</u>	<u>200 084 048 209.30</u>
	Total		244,005					212.00	3,870,650.80	13 660 979.00	200 084 048 209.30
Future											
Sep 2018	ZAJY	Future	115	0.1262	0.1276	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	0.1344	0.1360	0.0000	0.0000	0	0.00		
Jun 2019	ZAKS	Future	1,093	0.1331	0.1336	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	2.8078	2.8321	0.0000	0.0000	0	0.00		
			<u>12,775</u>					<u>0.00</u>	<u>0.00</u>	<u>289 254.00</u>	<u>1 008 061 782.50</u>
	Total		12,775					0.00	0.00	289 254.00	1 008 061 782.50
Future											
Sep 2018	ZAUM	Future	422	13.8126	13.9267	0.0000	0.0000	80	110,960,800.00		
Dec 2018	ZAUM	Future	10	13.9689	14.0876	0.0000	0.0000	0	0.00		
			<u>432</u>					<u>80.00</u>	<u>110,960,800.00</u>	<u>151 704.00</u>	<u>174 946 942 500.00</u>
	Total		432					80.00	110,960,800.00	156 227.00	174 946 942 500.00
Future											
Sep 2018	ZAUS	Future	608,013	13.8126	13.9267	13.8814	13.7200	34,619	478,579,602.40		
Dec 2018	ZAUS	Future	74,815	13.9689	14.0876	14.0200	14.0019	828	11,635,957.50		
Mar 2019	ZAUS	Future	5,690	14.1374	14.2615	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	Future	14,610	14.2950	14.4255	0.0000	0.0000	0	0.00		
			<u>703,128</u>					<u>35,447.00</u>	<u>490,215,559.90</u>	<u>177 571 556.00</u>	<u>2 100 514 676 682.40</u>
Option											
Sep 2018	ZAUS	11.48 Put	5,200	6.9329	7.2101	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.50 Put	45,000	7.1487	7.4472	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.60 Put	2,000	8.3340	8.7540	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.75 Put	93,314	10.4996	11.1480	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.85 Put	48,200	12.2551	13.0910	0.0000	0.0000	0	0.00		
Sep 2018	ZAUS	11.90 Put	3,000	13.2426	14.1841	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	12.00 Put	13,300	15.4694	16.6466	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1585.4754	1701.4956	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	22.8754	24.7956	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	24.7483	26.8446	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	28.0785	30.4730	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	1350.9572	1463.5349	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	38.3572	36.8349	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	47.4433	43.0895	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	51.2433	46.4953	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	56.6594	51.3525	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	1118.0817	1224.9324	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	1093.4274	1199.7288	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	90.3392	81.5682	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	936.2442	1038.2232	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	794.6060	889.1869	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	188.8621	168.3214	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	762.0437	854.0372	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	74,064	199.4437	177.3372	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,000	614.0065	697.5877	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	561.6045	641.6354	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	536.8245	615.0560	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	14.00 Put	1,500	578.4192	527.7280	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	66.9423	83.0716	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	62.9931	78.2785	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	57.7938	71.9509	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	50.8746	63.4967	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.64 Put	2,764	25.3794	20.6922	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.75 Put	231,517	30.8884	25.8452	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	11.90 Put	11,300	40.0028	34.5376	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.00 Put	174,530	47.2531	41.5588	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.02 Put	5,500	48.8278	43.0928	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.10 Put	8,580	55.5661	49.6917	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.38 Put	39,589	85.4443	79.3794	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Call	231,517	1570.6016	1683.3057	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.50 Put	36,500	101.7016	95.7057	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.63 Put	39,589	124.9419	116.1807	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.68 Put	10,000	135.5613	124.8794	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.75 Put	5,500	151.4563	139.1034	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Call	7,000	1187.3592	1288.8325	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.00 Put	180,030	218.4592	201.2325	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.10 Put	11,300	249.9182	230.5129	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.20 Call	7,100	1053.0204	1150.0150	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 2018	ZAUS	13.22 Put	5,500	291.2932	269.1124	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.25 Call	10,000	1021.1654	1116.9636	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.45 Put	4,080	386.7311	355.0901	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Call	231,517	878.5649	964.2806	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.50 Put	26,300	409.6649	376.6806	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Call	100	739.9368	818.0567	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.78 Put	100	551.0368	510.4567	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.79 Put	10,000	556.4815	515.6301	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.80 Call	3,264	730.8486	808.4260	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	13.95 Call	39,589	665.9865	739.5089	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.00 Call	11,000	645.7759	717.8044	0.0000	0.0000	10,200	0.00
Dec 2018	ZAUS	14.13 Call	20,000	596.0368	664.2675	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.33 Call	100	526.9965	589.7323	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.44 Call	11,300	492.6147	552.4357	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.60 Call	18,900	446.7894	502.5265	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.61 Call	1,500	444.0788	499.5702	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.62 Call	5,500	441.3897	496.6286	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.75 Call	127,100	408.1765	460.0703	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	14.84 Call	1,000	386.8491	436.5240	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.00 Call	21,600	351.9621	397.9838	0.0000	0.0000	20,000	0.00
Dec 2018	ZAUS	15.01 Call	10,000	349.9029	395.7066	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.09 Call	500	333.9217	377.9914	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.15 Call	27,030	322.4848	365.2931	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.48 Call	26,300	265.4785	303.6483	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.50 Call	1,000	262.2488	300.3210	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.70 Call	4,080	232.2090	266.7325	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	15.95 Call	2,000	199.8709	230.3791	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	16.00 Call	10,000	194.0257	0.0000	0.0000	0.0000	10,000	0.00
Mar 2019	ZAUS	10.33 Put	1,000	6.4354	6.5449	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	11.74 Put	1,000	36.7668	30.0048	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	12.06 Put	4,145	70.5019	60.9579	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.45 Call	4,145	1137.5841	1235.8629	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	13.75 Put	17,981	596.5993	560.9637	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.48 Call	1,000	690.6615	761.7864	0.0000	0.0000	0	0.00
Mar 2019	ZAUS	14.96 Call	17,981	549.4803	609.2774	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	10.69 Put	1,000	10.7305	13.1132	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.28 Put	1,000	116.8270	111.2425	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.75 Put	1,000	248.6488	229.4850	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	12.98 Put	911	325.0356	306.9949	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.24 Put	30,000	416.6603	395.7853	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.83 Put	25,000	682.4735	646.6112	0.0000	0.0000	0	0.00
Jun 2019	ZAUS	13.88 Put	12,450	709.1430	672.1490	0.0000	0.0000	0	0.00

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Jun 2019	ZAUS	14.58 Call	1,000	843.7541	922.7410	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	14.82 Call	30,000	765.0728	838.8936	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.55 Call	25,000	574.5679	633.2858	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.62 Call	12,450	559.5449	616.9721	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.80 Call	1,000	522.4943	577.3218	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	15.92 Call	911	498.4055	552.3897	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	10.75 Put	1,000	21.2182	23.4860	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	12.50 Put	1,000	214.7021	203.7954	0.0000	0.0000	0	0.00	
Sep 2019	ZAUS	15.87 Call	1,000	668.6807	724.7929	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	287.1214	316.6472	0.0000	0.0000	0	0.00	
			<u>2,450,837</u>					<u>40,200.00</u>	<u>0.00</u>	<u>50 471 078.00</u>
		Total	3,153,965					75,647.00	490,215,559.90	228 042 634.00
										2 100 514 676 682.40

Grand Total		4,518,714						85,150.00	731 672 935.30	311,759,923	2,933,368,783,945.80
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