



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 08-June-2018

<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>
Future									
Jul 2018	DAEU	Future	34	15.5340	15.3913	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.5821	15.4385	0.0000	0.0000	0	0.00
			<u>67</u>					<i>0.00</i>	<i>0.00</i>
		Total	67					0.00	0.00
									<i>791 007.00</i>
									<i>11 806 212 560.60</i>
Future									
Jun 2018	DAUS	Future	0	13.0740	12.9242	0.0000	0.0000	1,746	22,827,204.00
Jun 2018	DAUS	Future	20	13.1252	12.9259	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	5,947	13.1339	12.9344	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	4,475	13.1494	12.9497	0.0000	0.0000	385	5,110,682.50
Jul 2018	DAUS	Future	100	13.1545	12.9548	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.1563	12.9565	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.1614	12.9615	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.1856	12.9852	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.1926	12.9919	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.1943	12.9936	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.1977	12.9970	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,974	13.2047	13.0037	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.2081	13.0071	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.2272	13.0256	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,855	13.2584	13.0556	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	177	13.2636	13.0606	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	13.3066	13.1020	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.3135	13.1086	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.3529	13.1466	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.3598	13.1532	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,363	13.3632	13.1565	0.0000	0.0000	250	3,378,375.00
Nov 2018	DAUS	Future	55	13.3649	13.1581	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.3855	13.1779	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	3,117	13.4147	13.2060	0.0000	0.0000	250	3,391,875.00

<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	DAUS	Future	1,830	13.4672	13.2568	0.0000	0.0000	250	3,404,375.00
Jan 2019	DAUS	Future	55	13.4706	13.2601	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	55	13.5176	13.3059	0.0000	0.0000	0	0.00
Jan 2019	DAUS	Future	1,225	13.5192	13.3075	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	70	13.5411	13.3288	0.0000	0.0000	0	0.00
Feb 2019	DAUS	Future	1,280	13.5662	13.3533	0.0000	0.0000	0	0.00
Mar 2019	DAUS	Future	4,414	13.6125	13.3974	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	55	13.6229	13.4071	0.0000	0.0000	0	0.00
Apr 2019	DAUS	Future	1,280	13.6716	13.4527	0.0000	0.0000	0	0.00
May 2019	DAUS	Future	55	13.7255	13.5032	0.0000	0.0000	0	0.00
Jun 2019	DAUS	Future	54,000	13.7307	13.5081	0.0000	0.0000	0	0.00
Jul 2019	DAUS	Future	55	13.7725	13.5500	0.0000	0.0000	0	0.00
Aug 2019	DAUS	Future	55	13.8152	13.5947	0.0000	0.0000	0	0.00
Sep 2019	DAUS	Future	55	13.8592	13.6409	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	55	13.9005	13.6842	0.0000	0.0000	0	0.00
Oct 2019	DAUS	Future	55	13.9404	13.7260	0.0000	0.0000	0	0.00
Dec 2019	DAUS	Future	55	13.9844	13.7722	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	14.0271	13.8169	0.0000	0.0000	0	0.00
Jan 2020	DAUS	Future	55	14.0670	13.8588	0.0000	0.0000	0	0.00
Mar 2020	DAUS	Future	55	14.1097	13.9035	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	14.1523	13.9482	0.0000	0.0000	0	0.00
Apr 2020	DAUS	Future	55	14.1895	13.9872	0.0000	0.0000	0	0.00
Jun 2020	DAUS	Future	1,055	14.2362	14.0362	0.0000	0.0000	0	0.00
Jul 2020	DAUS	Future	84,000	14.3644	14.1553	0.0000	0.0000	0	0.00
			<u>181,307</u>					<u>2,881.00</u>	<u>38,112,511.50</u>
									<u>10 254 016.00</u>
									<u>124 713 654 324.40</u>
Option									
Jun 2018	DAUS	12.70 Put	0	20.5892	0.0000	0.0000	0.0000	40,000	0.00
Jun 2018	DAUS	13.00 Put	20,000	90.4738	0.0000	0.0000	0.0000	20,000	0.00
Jun 2018	DAUS	12.22 Put	500	9.6178	8.8797	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.44 Put	109	18.2644	26.4890	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.45 Put	635	18.8121	27.9894	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.47 Put	158	19.9596	31.1770	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.52 Call	109	653.5585	469.9942	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.55 Call	500	627.4549	446.2993	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.56 Call	635	618.8532	438.5467	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.62 Call	158	568.3568	393.6290	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.85 Call	500	395.4224	248.8318	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	709.7540	873.9503	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	1.0752	0.4292	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.6371	0.2286	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	3.1692	3.6675	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	25.9394	42.4639	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>
Jul 2018	DAUS	13.12 Call	2,000	253.7285	146.5124	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.60 Put	100,000	43.4731	68.8458	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	9.4304	10.6412	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	119.2081	60.7530	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	94.3739	45.0557	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1313.1768	1483.5658	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	3.9514	2.1890	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.00 Put	500	241.5246	0.0000	0.0000	0.0000	500	0.00
Jul 2018	DAUS	13.50 Call	500	238.3025	0.0000	0.0000	0.0000	500	0.00
Jul 2018	DAUS	13.80 Put	1,000	757.8121	891.1316	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	8.5695	3.2607	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	5.2040	2.7666	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	53.1517	66.3015	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	813.8638	946.3861	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	8.7596	3.8444	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	296.3003	0.0000	0.0000	0.0000	500	0.00
Aug 2018	DAUS	13.65 Call	500	291.2984	0.0000	0.0000	0.0000	500	0.00
Aug 2018	DAUS	13.80 Put	1,000	792.4062	909.6732	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	25.2922	11.1692	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	12.2701	5.6032	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	334.1346	0.0000	0.0000	0.0000	500	0.00
Sep 2018	DAUS	13.78 Call	500	330.1059	0.0000	0.0000	0.0000	500	0.00
Sep 2018	DAUS	13.80 Put	1,000	817.9268	925.8142	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	41.9650	17.5296	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	27.1147	7.8350	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	371.6935	0.0000	0.0000	0.0000	500	0.00
Oct 2018	DAUS	13.80 Put	1,000	844.0404	942.9351	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	369.9777	0.0000	0.0000	0.0000	500	0.00
Oct 2018	DAUS	16.47 Call	500	63.9860	35.0909	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	48.4475	23.4620	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	68.5712	67.4058	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	889.3271	990.2414	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	56.0987	30.6115	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	11.8295	13.0832	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	52.3723	52.4011	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	668.7774	521.9277	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	400.7334	0.0000	0.0000	0.0000	500	0.00
Nov 2018	DAUS	13.80 Put	1,000	864.5832	956.4101	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	398.1239	0.0000	0.0000	0.0000	500	0.00
Nov 2018	DAUS	16.70 Call	500	81.5141	50.2878	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	63.3540	34.3999	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	771.9151	853.8751	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME		
Dec 2018	DAUS	15.69 Call	20,000	153.4784	102.8088	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.00 Put	500	423.3932	0.0000	0.0000	0.0000	500	0.00		
Dec 2018	DAUS	13.80 Put	1,000	880.6626	967.6016	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.22 Call	500	425.4479	0.0000	0.0000	0.0000	500	0.00		
Dec 2018	DAUS	16.93 Call	500	99.3100	65.7538	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	76.4098	43.9641	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	444.6235	0.0000	0.0000	0.0000	500	0.00		
Jan 2019	DAUS	14.38 Call	500	446.9132	0.0000	0.0000	0.0000	500	0.00		
Feb 2019	DAUS	13.00 Put	500	462.2056	0.0000	0.0000	0.0000	500	0.00		
Feb 2019	DAUS	14.52 Call	500	465.8395	0.0000	0.0000	0.0000	500	0.00		
Mar 2019	DAUS	13.00 Put	500	478.1368	0.0000	0.0000	0.0000	500	0.00		
Mar 2019	DAUS	14.67 Call	500	483.8939	0.0000	0.0000	0.0000	500	0.00		
Apr 2019	DAUS	13.00 Put	3,000	492.9717	535.1336	0.0000	0.0000	500	0.00		
Apr 2019	DAUS	13.49 Call	2,500	927.9101	771.3819	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	501.2934	0.0000	0.0000	0.0000	500	0.00		
May 2019	DAUS	13.00 Put	500	507.7268	0.0000	0.0000	0.0000	500	0.00		
May 2019	DAUS	15.01 Call	500	517.0488	0.0000	0.0000	0.0000	500	0.00		
Jun 2019	DAUS	13.00 Put	500	525.3167	0.0000	0.0000	0.0000	500	0.00		
Jun 2019	DAUS	15.17 Call	500	531.9527	0.0000	0.0000	0.0000	500	0.00		
Jul 2019	DAUS	13.00 Put	500	548.9789	0.0000	0.0000	0.0000	500	0.00		
Jul 2019	DAUS	15.34 Call	500	552.5176	0.0000	0.0000	0.0000	500	0.00		
Aug 2019	DAUS	13.00 Put	500	569.1739	0.0000	0.0000	0.0000	500	0.00		
Aug 2019	DAUS	15.52 Call	500	565.5669	0.0000	0.0000	0.0000	500	0.00		
Sep 2019	DAUS	13.00 Put	500	587.9876	0.0000	0.0000	0.0000	500	0.00		
Sep 2019	DAUS	15.68 Call	500	583.0841	0.0000	0.0000	0.0000	500	0.00		
Oct 2019	DAUS	13.00 Put	500	606.3863	0.0000	0.0000	0.0000	500	0.00		
Oct 2019	DAUS	15.87 Call	500	595.3744	0.0000	0.0000	0.0000	500	0.00		
Nov 2019	DAUS	13.00 Put	500	622.2789	0.0000	0.0000	0.0000	500	0.00		
Nov 2019	DAUS	16.03 Call	500	609.9286	0.0000	0.0000	0.0000	500	0.00		
Dec 2019	DAUS	13.00 Put	500	637.7572	0.0000	0.0000	0.0000	500	0.00		
Dec 2019	DAUS	16.21 Call	500	624.2745	0.0000	0.0000	0.0000	500	0.00		
			<u>377,584</u>					<u>78,000.00</u>	<u>0.00</u>	<u>18 902 403.00</u>	<u>0.00</u>
Total			558,891					80,881.00	38,112,511.50	29 156 419.00	124 713 654 324.40
Future											
Jun 2018	EUUS	Future	260	1.1760	1.1832	0.0000	0.0000	0	0.00		
			<u>260</u>					<u>0.00</u>	<u>0.00</u>	<u>709 166.00</u>	<u>8 033 381 612.00</u>
Total			260					0.00	0.00	709 166.00	8 033 381 612.00
Future											
Sep 2018	JYZA	Future	283	8.1796	8.3483	0.0000	0.0000	0	0.00		

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
			283					0.00	0.00	18 783.00 186 145 988.86
Option										
	Jun 2018	JYZA	8.79 Call	50,000	44.7243	155.6137	0.0000	0.0000	0	0.00
	Jun 2018	JYZA	8.89 Put	1,200	5615.7353	3962.1657	0.0000	0.0000	0	0.00
	Sep 2018	JYZA	8.17 Put	20,000	2821.8190	1983.3289	0.0000	0.0000	60,000	0.00
			71,200					60,000.00	0.00	235 800.00 0.00
	Total		71,483					60,000.00	0.00	254 583.00 186 145 988.86
Future										
	Jun 2018	ZAAD	Future	15,630	9.9720	9.8823	10.0795	9.9259	1,960	19,573,816.00
	Sep 2018	ZAAD	Future	800	10.0978	10.0054	0.0000	0.0000	0	0.00
	Dec 2018	ZAAD	Future	11,412	10.2219	10.1255	0.0000	0.0000	0	0.00
			27,842					1,960.00	19,573,816.00	3 636 720.00 31 514 557 006.60
	Total		27,842					1,960.00	19,573,816.00	3 669 097.00 31 514 557 006.60
Future										
	Jun 2018	ZACA	Future	2,180	10.1286	9.9703	0.0000	0.0000	0	0.00
			2,180					0.00	0.00	132 643.00 1 303 115 360.10
	Total		2,180					0.00	0.00	132 643.00 1 303 115 360.10
Future										
	Jun 2018	ZAEU	Future	99,258	15.4411	15.2998	15.6238	15.3391	8,293	128,570,489.00
	Sep 2018	ZAEU	Future	93,567	15.7375	15.5905	15.9120	15.7514	5,002	78,386,663.40
	Dec 2018	ZAEU	Future	8,875	16.0308	15.8774	0.0000	0.0000	0	0.00
	Mar 2019	ZAEU	Future	4,808	16.3577	16.1994	0.0000	0.0000	0	0.00
	Jun 2019	ZAEU	Future	5,256	16.6683	16.4992	0.0000	0.0000	0	0.00
			211,764					13,295.00	206,957,152.40	14 738 916.00 210 050 169 001.70
Option										
	Jun 2018	ZAEU	13.50 Put	29,734	0.1672	0.0096	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	13.75 Put	50,948	0.3021	0.1393	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	13.97 Put	6,460	0.5615	0.4156	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	14.25 Put	29,734	1.5174	1.6318	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	14.30 Call	10,000	1142.9201	1001.8752	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	14.40 Call	10,000	1043.7282	903.1403	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	15.00 Call	3,000	479.3952	355.4450	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	15.00 Put	3,000	38.2952	55.6450	0.0000	0.0000	3,000	0.00
	Jun 2018	ZAEU	15.25 Put	50,948	102.0633	136.4190	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	15.63 Call	29,734	111.7435	53.2352	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	15.80 Call	3,000	68.3435	0.0000	0.0000	0.0000	6,000	0.00
	Jun 2018	ZAEU	16.00 Call	3,000	36.7550	12.1258	0.0000	0.0000	0	0.00
	Jun 2018	ZAEU	16.44 Put	6,460	1008.8909	1143.6956	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Jun 2018	ZAEU	18.61 Call	6,460	0.0502	0.0439	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,948	0.1463	0.1505	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	13.50 Put	29,734	18.2166	12.8896	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	14.25 Put	86,688	47.7801	42.7133	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	15.85 Put	86,824	591.7639	638.0677	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	16.76 Call	29,734	227.8841	164.5144	0.0000	0.0000	0	0.00	
Sep 2018	ZAEU	19.56 Call	86,824	21.9574	13.8179	0.0000	0.0000	0	0.00	
			613,230					9,000.00	0.00	7 928 774.00
		Total	824,994					22,295.00	206,957,152.40	22 667 690.00 210 050 169 001.70
Future										
Jun 2018	ZAFR	Future	1,215	13.3110	13.1726	0.0000	0.0000	0	0.00	
			1,215					0.00	0.00	609 303.00 6 506 705 521.30
		Total	1,215					0.00	0.00	609 303.00 6 506 705 521.30
Future										
Jun 2018	ZAGB	Future	216,906	17.6045	17.3495	17.8080	17.5739	4,040	71,535,348.20	
Sep 2018	ZAGB	Future	42,820	17.8926	17.6306	18.0874	17.8000	16	287,191.60	
Dec 2018	ZAGB	Future	7,687	18.1715	17.9004	18.2840	18.0723	56	1,017,976.40	
Mar 2019	ZAGB	Future	4,932	18.4769	18.1984	0.0000	0.0000	0	0.00	
Jun 2019	ZAGB	Future	5,465	18.7675	18.4753	0.0000	0.0000	0	0.00	
			277,810					4,112.00	72,840,516.20	11 111 349.00 186 194 666 904.20
Option										
Jun 2018	ZAGB	17.50 Put	500	167.6455	284.7504	0.0000	0.0000	0	0.00	
Jun 2018	ZAGB	20.40 Call	500	0.4373	0.1108	0.0000	0.0000	0	0.00	
			1,000					0.00	0.00	1 774 113.00 0.00
		Total	278,810					4,112.00	72,840,516.20	12 885 462.00 186 194 666 904.20
Future										
Jun 2018	ZAJY	Future	8,296	0.1200	0.1176	0.0000	0.0000	0	0.00	
			8,296					0.00	0.00	985 278.00 10 983 324 643.00
		Total	8,296					0.00	0.00	985 278.00 10 983 324 643.00
Future										
Jun 2018	ZAKS	Future	1,145	0.1298	0.1281	0.0000	0.0000	0	0.00	
Sep 2018	ZAKS	Future	562	0.1296	0.1277	0.0000	0.0000	0	0.00	
			1,707					0.00	0.00	31 923.00 432 652 210.00
		Total	1,707					0.00	0.00	31 923.00 432 652 210.00
Future										
Jun 2018	ZATR	Future	6,495	2.9137	2.8824	0.0000	0.0000	0	0.00	

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME	
Sep 2018	ZATR	Future	10,220	2.8389	2.8089	0.0000	0.0000	0	0.00	
			<u>16,715</u>					0.00	0.00	
		Total	16,715					0.00	0.00	
									271 704.00	
									958 320 914.00	
									271 704.00	
									958 320 914.00	
Future										
Jun 2018	ZAUM	Future	407	13.1304	12.9311	0.0000	0.0000	31	40,534,100.00	
Sep 2018	ZAUM	Future	47	13.2877	13.0839	0.0000	0.0000	0	0.00	
Dec 2018	ZAUM	Future	10	13.4387	13.2290	0.0000	0.0000	0	0.00	
			<u>464</u>					31.00	40,534,100.00	
		Total	464					31.00	40,534,100.00	
									150 910.00	
									173 892 485 780.00	
									155 433.00	
									173 892 485 780.00	
Future										
Jun 2018	ZAUS	Future	823,679	13.1304	12.9311	13.3000	13.0197	206,524	2,713,529,764.90	
Sep 2018	ZAUS	Future	211,420	13.2877	13.0839	13.4459	13.1994	66,315	886,845,741.30	
Dec 2018	ZAUS	Future	28,043	13.4387	13.2290	13.5550	13.4200	14,084	190,745,165.50	
Mar 2019	ZAUS	Future	4,948	13.5968	13.3827	0.0000	0.0000	0	0.00	
Jun 2019	ZAUS	Future	3,587	13.7492	13.5255	0.0000	0.0000	1,000	13,857,662.50	
			<u>1,071,677</u>					287,923.00	3,804,978,334.20	
									174 717 798.00	
									2 062 073 243 870.40	
Option										
Jun 2018	ZAUS	11.00 Put	60,750	0.0492	0.0000	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.20 Put	2,550	0.0866	0.0003	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.35 Call	10,000	1780.5344	1581.1033	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.45 Call	10,000	1680.5816	1481.1131	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.50 Put	40,216	0.2117	0.0250	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.60 Put	12,000	0.2892	0.0818	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.75 Put	60,000	0.4689	0.2548	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.77 Put	76,000	0.5008	0.2866	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.80 Put	5,500	0.5532	0.3417	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	11.90 Put	9,500	0.7679	0.6123	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Call	3,000	1131.4669	932.1908	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.00 Put	38,700	1.0669	1.0908	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.06 Put	150	1.3068	1.5373	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.12 Put	372	1.6077	2.1599	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.14 Put	155,500	1.7243	2.4173	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Call	500	982.1861	783.6569	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.15 Put	1,000	1.7861	2.5569	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.20 Call	40,000	932.5341	734.4804	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.23 Call	3,000	902.7783	705.0915	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Call	40,000	882.9582	685.5563	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.25 Put	12,415	2.5582	4.4563	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.30 Call	4,000	833.4766	636.9569	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	12.30 Put	24,500	3.0766	5.8569	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>
Jun 2018	ZAUS	12.40 Put	15,103	4.4956	11.3126	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.45 Call	150	685.8622	496.4659	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	637.0594	451.6642	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	6.6594	20.5642	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	589.9249	408.2238	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Put	80,000	9.5249	27.1238	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.70 Put	10,000	24.6350	57.2500	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Call	4,000	412.9298	252.6098	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	32.5298	71.5098	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.89 Put	100	64.7056	124.8172	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	87.2226	159.7577	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	232.5958	114.4738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	102.1958	183.3738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	123.1341	215.2076	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	183.8590	301.0243	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	201.6413	324.3052	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	266.7508	406.2591	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	60,000	82.7966	30.4738	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	387.0553	548.1046	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	403.2621	566.5267	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	419.6932	585.0699	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	540.1240	718.0013	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	639.9902	825.2177	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	686.5197	874.2804	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	695.9865	884.1125	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	714.9728	903.7941	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	724.4907	913.6433	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	781.9146	972.8428	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	9.0192	2.9297	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	878.6192	1071.8297	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	976.2538	1171.1076	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1123.8811	1320.3819	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	1.8418	0.5131	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.9670	0.2632	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.6773	0.1828	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.2361	0.0633	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.2128	0.0571	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.1616	0.0435	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.1230	0.0332	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.0794	0.0217	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.0629	0.0173	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.0570	0.0157	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>
Jun 2018	ZAUS	15.79 Call	40,000	0.0246	0.0018	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	0.0710	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.1192	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.1271	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.1499	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.1591	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.2033	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.3189	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.3598	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.3194	0.0000	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.2111	0.0000	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	19.0421	16.6135	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	19.6488	17.1659	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	22.9812	20.2297	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	29.0623	25.9296	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	33.9812	32.7695	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	36.7430	37.9417	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	45.2206	50.1476	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1119.5087	927.2626	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	81.8087	93.3626	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	91.1712	104.4757	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	107.7191	124.1371	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	924.0684	742.8422	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	136.3684	158.9422	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	158.1553	186.1296	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	166.8977	197.0227	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	179.0566	212.1405	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	739.2502	575.4741	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	720.7464	558.7844	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	252.9783	297.9048	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	606.2648	457.0467	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	506.8880	372.7261	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	430.0533	0.0000	0.0000	0.0000	26,000	0.00
Sep 2018	ZAUS	13.25 Call	1,250	484.3121	354.3472	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	446.6121	520.4472	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	462.6086	336.8334	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,500	386.5526	274.8199	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	353.1832	0.0000	0.0000	0.0000	52,000	0.00
Sep 2018	ZAUS	13.65 Call	1,464	337.5784	235.8991	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	42.3798	20.0807	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	38.9890	18.2626	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	34.5752	15.9327	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	16.29 Call	73,314	28.8094	12.9589	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	11.64 Put	2,764	59.5140	61.7856	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	11.75 Put	231,517	71.3139	73.3638	0.0000	0.0000	561	0.00		
Dec 2018	ZAUS	11.90 Put	11,300	90.3224	0.0000	0.0000	0.0000	22,600	0.00		
Dec 2018	ZAUS	12.00 Put	146,000	105.0569	0.0000	0.0000	0.0000	146,000	0.00		
Dec 2018	ZAUS	12.38 Put	39,589	187.3025	203.1860	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Call	231,517	1160.3159	970.6856	0.0000	0.0000	561	0.00		
Dec 2018	ZAUS	12.50 Put	10,200	221.6159	241.6856	0.0000	0.0000	100	0.00		
Dec 2018	ZAUS	12.63 Put	39,589	263.1600	288.9783	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.75 Put	1,000	305.6353	0.0000	0.0000	0.0000	1,000	0.00		
Dec 2018	ZAUS	13.00 Call	6,000	850.9859	688.0146	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.00 Put	146,000	412.2859	459.0146	0.0000	0.0000	146,000	0.00		
Dec 2018	ZAUS	13.10 Put	11,300	460.5150	0.0000	0.0000	0.0000	11,300	0.00		
Dec 2018	ZAUS	13.20 Call	7,100	750.2489	597.2695	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.25 Call	10,000	726.7972	576.3647	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.50 Call	231,517	619.5814	483.3448	0.0000	0.0000	561	0.00		
Dec 2018	ZAUS	13.80 Call	2,764	511.8472	391.4477	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.95 Call	39,589	465.3235	352.5666	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.00 Call	1,500	450.8106	340.5681	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.13 Call	20,000	415.3422	0.0000	0.0000	0.0000	40,000	0.00		
Dec 2018	ZAUS	14.44 Call	11,300	342.9067	0.0000	0.0000	0.0000	22,600	0.00		
Dec 2018	ZAUS	14.60 Call	18,900	311.1222	0.0000	0.0000	0.0000	37,800	0.00		
Dec 2018	ZAUS	14.75 Call	127,100	284.3429	0.0000	0.0000	0.0000	127,100	0.00		
Dec 2018	ZAUS	14.84 Call	1,000	269.0218	0.0000	0.0000	0.0000	1,000	0.00		
Dec 2018	ZAUS	15.00 Call	1,100	242.8637	170.7870	0.0000	0.0000	100	0.00		
Dec 2018	ZAUS	15.95 Call	2,000	134.8655	89.8079	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	10.33 Put	1,000	8.7464	8.2483	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	92.2305	104.4061	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.06 Put	4,145	157.4472	170.1078	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.45 Call	4,145	851.4597	700.0254	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.48 Call	1,000	508.1450	401.8216	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.20 Call	500	359.0463	274.3438	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	10.69 Put	1,000	14.2541	11.0450	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	250.8308	273.3434	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.75 Put	1,000	413.7098	0.0000	0.0000	0.0000	1,000	0.00		
Jun 2019	ZAUS	14.58 Call	1,000	643.7579	523.9097	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.80 Call	1,000	392.9379	0.0000	0.0000	0.0000	2,000	0.00		
Sep 2019	ZAUS	10.75 Put	1,000	34.3020	20.1084	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	12.50 Put	1,000	381.1585	398.7149	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	526.7747	426.2866	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	207.6623	150.8814	0.0000	0.0000	0	0.00		
			<u>3,559,125</u>					<u>638,283.00</u>	<u>0.00</u>	<u>49 762 535.00</u>	<u>0.00</u>

<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>		
		Total	4,630,802				926,206.00	3,804,978,334.20	224 480 333.00	2 062 073 243 870.40
		Grand Total	6,423,726				1,095,485.00	4 182 996 430.30	306,815,069	2,874,409,763,234.28