



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 11-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	15.5931	15.5340	0.0000	0.0000	0	0.00
Jul 2018	DAEU	Future	33	15.6412	15.5821	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	20	13.1205	13.1252	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	5,947	13.1294	13.1339	0.0000	0.0000	0	0.00
Jun 2018	DAUS	Future	4,811	13.1449	13.1494	0.0000	0.0000	445	5,862,207.50
Jul 2018	DAUS	Future	100	13.1501	13.1545	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	55	13.1518	13.1563	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	150	13.1570	13.1614	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	1,800	13.1812	13.1856	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	500	13.1881	13.1926	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	70	13.1898	13.1943	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	845	13.1932	13.1977	0.0000	0.0000	0	0.00
Jul 2018	DAUS	Future	2,974	13.2001	13.2047	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	55	13.2035	13.2081	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	70	13.2225	13.2272	0.0000	0.0000	0	0.00
Aug 2018	DAUS	Future	3,855	13.2537	13.2584	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	177	13.2589	13.2636	0.0000	0.0000	0	0.00
Sep 2018	DAUS	Future	3,280	13.3018	13.3066	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	55	13.3086	13.3135	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	70	13.3478	13.3529	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	225	13.3546	13.3598	0.0000	0.0000	0	0.00
Oct 2018	DAUS	Future	3,363	13.3580	13.3632	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	55	13.3597	13.3649	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	70	13.3801	13.3855	0.0000	0.0000	0	0.00
Nov 2018	DAUS	Future	3,117	13.4090	13.4147	0.0000	0.0000	0	0.00
Dec 2018	DAUS	Future	1,830	13.4619	13.4672	0.0000	0.0000	0	0.00

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Jan 2019	DAUS	Future	55	13.4653	13.4706	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	55	13.5130	13.5176	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	Future	1,225	13.5147	13.5192	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.5369	13.5411	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	1,280	13.5625	13.5662	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	Future	4,414	13.6089	13.6125	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	55	13.6193	13.6229	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	Future	1,280	13.6679	13.6716	0.0000	0.0000	0	0.00		
May 2019	DAUS	Future	55	13.7216	13.7255	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	Future	54,000	13.7268	13.7307	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	Future	55	13.7687	13.7725	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	Future	55	13.8110	13.8152	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	Future	55	13.8548	13.8592	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.8958	13.9005	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	Future	55	13.9354	13.9404	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	Future	55	13.9791	13.9844	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.0215	14.0271	0.0000	0.0000	0	0.00		
Jan 2020	DAUS	Future	55	14.0611	14.0670	0.0000	0.0000	0	0.00		
Mar 2020	DAUS	Future	55	14.1034	14.1097	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.1458	14.1523	0.0000	0.0000	0	0.00		
Apr 2020	DAUS	Future	55	14.1827	14.1895	0.0000	0.0000	0	0.00		
Jun 2020	DAUS	Future	1,055	14.2291	14.2362	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.3542	14.3644	0.0000	0.0000	0	0.00		
			<u>181,643</u>					<u>445.00</u>	<u>5,862,207.50</u>	<u>10 254 461.00</u>	<u>124 719 516 531.90</u>

Option

Jun 2018	DAUS	12.70 Put	0	13.8118	20.5892	0.0000	0.0000	3,956	0.00
Jun 2018	DAUS	13.00 Put	20,000	65.3568	90.4738	0.0000	0.0000	1,976	0.00
Jun 2018	DAUS	12.22 Put	500	6.4600	9.6178	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.44 Put	109	11.9379	18.2644	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.45 Put	635	12.2913	18.8121	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.47 Put	158	13.0343	19.9596	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.52 Call	109	641.0038	653.5585	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.55 Call	500	614.1675	627.4549	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.56 Call	635	605.3206	618.8532	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.62 Call	158	553.3663	568.3568	0.0000	0.0000	0	0.00
Jun 2018	DAUS	12.85 Call	500	375.9420	395.4224	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	702.4393	709.7540	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	0.6879	1.0752	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	0.3301	0.6371	0.0000	0.0000	0	0.00
Jul 2018	DAUS	11.80 Put	2,000	2.6438	3.1692	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.50 Put	2,000	18.9358	25.9394	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.12 Call	2,000	234.5220	253.7285	0.0000	0.0000	0	0.00

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Jul 2018	DAUS	12.60 Put	100,000	34.7438	43.4731	0.0000	0.0000	0	0.00
Jul 2018	DAUS	12.07 Put	2,000	8.0695	9.4304	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.60 Call	1,000	105.1356	119.2081	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.73 Call	1,000	81.7952	94.3739	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1311.7365	1313.1768	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	3.0635	3.9514	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.00 Put	500	231.2266	241.5246	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.50 Call	500	225.2144	238.3025	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	751.6951	757.8121	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	7.5432	8.5695	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	4.3131	5.2040	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	46.0352	53.1517	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	808.4250	813.8638	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	7.6187	8.7596	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.00 Put	500	286.3791	296.3003	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.65 Call	500	278.6340	291.2984	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	785.3613	792.4062	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	23.0433	25.2922	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	10.5547	12.2701	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.00 Put	500	324.3569	334.1346	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.78 Call	500	317.6617	330.1059	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	810.3896	817.9268	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	39.8942	41.9650	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	26.2666	27.1147	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.00 Put	500	362.0882	371.6935	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	836.5208	844.0404	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.93 Call	500	357.8848	369.9777	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	61.5397	63.9860	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	46.9967	48.4475	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	61.6669	68.5712	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	882.0060	889.3271	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	55.8190	56.0987	0.0000	0.0000	0	0.00
Nov 2018	DAUS	10.83 Put	51,000	11.3100	11.8295	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.67 Put	51,000	48.7345	52.3723	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.22 Call	51,000	653.8352	668.7774	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.00 Put	500	391.1823	400.7334	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	857.0460	864.5832	0.0000	0.0000	0	0.00
Nov 2018	DAUS	14.08 Call	500	386.1757	398.1239	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	78.9971	81.5141	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	61.8999	63.3540	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	763.7825	771.9151	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	148.0689	153.4784	0.0000	0.0000	0	0.00

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Dec 2018	DAUS	13.00 Put	500	413.9306	423.3932	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	873.0284	880.6626	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	14.22 Call	500	414.2625	425.4479	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	97.0033	99.3100	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	75.1143	76.4098	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	13.00 Put	500	435.0970	444.6235	0.0000	0.0000	0	0.00		
Jan 2019	DAUS	14.38 Call	500	436.7722	446.9132	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	13.00 Put	500	452.6650	462.2056	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	14.52 Call	500	456.6285	465.8395	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	13.00 Put	500	468.6372	478.1368	0.0000	0.0000	0	0.00		
Mar 2019	DAUS	14.67 Call	500	475.2756	483.8939	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.00 Put	3,000	483.6277	492.9717	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	13.49 Call	2,500	915.7191	927.9101	0.0000	0.0000	0	0.00		
Apr 2019	DAUS	14.84 Call	500	493.1453	501.2934	0.0000	0.0000	0	0.00		
May 2019	DAUS	13.00 Put	500	497.5556	507.7268	0.0000	0.0000	0	0.00		
May 2019	DAUS	15.01 Call	500	509.3190	517.0488	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	13.00 Put	500	515.6187	525.3167	0.0000	0.0000	0	0.00		
Jun 2019	DAUS	15.17 Call	500	523.8919	531.9527	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	13.00 Put	500	539.1494	548.9789	0.0000	0.0000	0	0.00		
Jul 2019	DAUS	15.34 Call	500	543.8699	552.5176	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	13.00 Put	500	559.3081	569.1739	0.0000	0.0000	0	0.00		
Aug 2019	DAUS	15.52 Call	500	556.5256	565.5669	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	13.00 Put	500	578.0077	587.9876	0.0000	0.0000	0	0.00		
Sep 2019	DAUS	15.68 Call	500	573.5157	583.0841	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	13.00 Put	500	596.2187	606.3863	0.0000	0.0000	0	0.00		
Oct 2019	DAUS	15.87 Call	500	585.4822	595.3744	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	13.00 Put	500	611.9825	622.2789	0.0000	0.0000	0	0.00		
Nov 2019	DAUS	16.03 Call	500	599.5614	609.9286	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	13.00 Put	500	627.3968	637.7572	0.0000	0.0000	0	0.00		
Dec 2019	DAUS	16.21 Call	500	613.5630	624.2745	0.0000	0.0000	0	0.00		
			<u>377,584</u>					<u>5,932.00</u>	<u>0.00</u>	<u>18 908 335.00</u>	<u>0.00</u>
Total			559,227					6,377.00	5,862,207.50	29 162 796.00	124 719 516 531.90
Future											
Jun 2018	EUUS	Future	260	1.1809	1.1760	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	8.2169	8.1796	0.0000	0.0000	0	0.00		
			<u>283</u>					<u>0.00</u>	<u>0.00</u>	<u>18 783.00</u>	<u>186 145 988.86</u>
Option											

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Jun 2018	JYZA	8.79 Call	50,000	42.6748	44.7243	0.0000	0.0000	0	0.00	
Jun 2018	JYZA	8.89 Put	1,200	5235.6467	5615.7353	0.0000	0.0000	0	0.00	
Sep 2018	JYZA	8.17 Put	20,000	2738.1382	2821.8190	0.0000	0.0000	0	0.00	
			71,200					0.00	0.00	235 800.00
		Total	71,483					0.00	0.00	254 583.00
Future										
Jun 2018	ZAAD	Future	15,639	9.9894	9.9720	10.0129	9.9692	261	2,612,360.40	
Sep 2018	ZAAD	Future	800	10.1151	10.0978	0.0000	0.0000	0	0.00	
Dec 2018	ZAAD	Future	11,412	10.2384	10.2219	0.0000	0.0000	0	0.00	
			27,851					261.00	2,612,360.40	3 636 981.00
		Total	27,851					261.00	2,612,360.40	3 669 358.00
Future										
Jun 2018	ZACA	Future	2,180	10.1019	10.1286	0.0000	0.0000	0	0.00	
			2,180					0.00	0.00	132 643.00
		Total	2,180					0.00	0.00	1 303 115 360.10
Future										
Jun 2018	ZAEU	Future	104,218	15.5002	15.4411	15.5000	15.4738	5,090	79,983,102.20	
Sep 2018	ZAEU	Future	93,567	15.7971	15.7375	15.6990	15.6990	3	47,097.00	
Dec 2018	ZAEU	Future	8,875	16.0905	16.0308	0.0000	0.0000	0	0.00	
Mar 2019	ZAEU	Future	4,808	16.4229	16.3577	0.0000	0.0000	0	0.00	
Jun 2019	ZAEU	Future	5,256	16.7377	16.6683	0.0000	0.0000	0	0.00	
			216,724					5,093.00	80,030,199.20	14 744 009.00
										210 130 199 200.90
Option										
Jun 2018	ZAEU	13.50 Put	29,734	0.0004	0.1672	0.0000	0.0000	2,048	0.00	
Jun 2018	ZAEU	13.75 Put	50,948	0.0118	0.3021	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	13.97 Put	6,460	0.1197	0.5615	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.25 Put	29,734	0.5172	1.5174	0.0000	0.0000	4,096	0.00	
Jun 2018	ZAEU	14.30 Call	10,000	1200.8692	1142.9201	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	14.40 Call	10,000	1101.3152	1043.7282	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.00 Call	3,000	522.3722	479.3952	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.00 Put	3,000	22.1722	38.2952	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.25 Put	50,948	64.7173	102.0633	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	15.63 Call	29,734	103.6110	111.7435	0.0000	0.0000	29,598	0.00	
Jun 2018	ZAEU	15.80 Call	3,000	57.9606	68.3435	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.00 Call	3,000	27.5260	36.7550	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	16.44 Put	6,460	945.2601	1008.8909	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	18.61 Call	6,460	0.0156	0.0502	0.0000	0.0000	0	0.00	
Jun 2018	ZAEU	20.55 Call	50,948	0.2337	0.1463	0.0000	0.0000	0	0.00	

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Sep 2018	ZAEU	13.50 Put	29,734	14.2211	18.2166	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	14.25 Put	86,688	35.6964	47.7801	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	15.85 Put	86,824	544.1594	591.7639	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	16.76 Call	29,734	230.8318	227.8841	0.0000	0.0000	0	0.00
Sep 2018	ZAEU	19.56 Call	86,824	21.3484	21.9574	0.0000	0.0000	0	0.00
			613,230					35,742.00	0.00
		Total	829,954					40,835.00	80,030,199.20
									22 708 525.00
									210 130 199 200.90
Future									
Jun 2018	ZAFR	Future	1,215	13.3391	13.3110	0.0000	0.0000	0	0.00
			1,215					0.00	0.00
		Total	1,215					0.00	0.00
									609 303.00
									6 506 705 521.30
Future									
Jun 2018	ZAGB	Future	216,876	17.5842	17.6045	17.6000	17.5607	1,250	21,946,606.50
Sep 2018	ZAGB	Future	42,820	17.8718	17.8926	17.7998	17.7998	3	53,399.40
Dec 2018	ZAGB	Future	7,687	18.1496	18.1715	0.0000	0.0000	0	0.00
Mar 2019	ZAGB	Future	4,932	18.4594	18.4769	0.0000	0.0000	0	0.00
Jun 2019	ZAGB	Future	5,465	18.7504	18.7675	0.0000	0.0000	0	0.00
			277,780					1,253.00	22,000,005.90
		Total							11 112 602.00
									186 216 666 910.10
Option									
Jun 2018	ZAGB	17.50 Put	500	145.7222	167.6455	0.0000	0.0000	0	0.00
Jun 2018	ZAGB	20.40 Call	500	0.1520	0.4373	0.0000	0.0000	0	0.00
			1,000					0.00	0.00
		Total	278,780					1,253.00	22,000,005.90
									12 886 715.00
									186 216 666 910.10
Future									
Jun 2018	ZAJY	Future	8,296	0.1195	0.1200	0.0000	0.0000	0	0.00
			8,296					0.00	0.00
		Total	8,296					0.00	0.00
									985 278.00
									10 983 324 643.00
Future									
Jun 2018	ZAKS	Future	0	0.1298	0.1298	0.0000	0.0000	1,145	14,850,650.00
Sep 2018	ZAKS	Future	562	0.1288	0.1296	0.0000	0.0000	0	0.00
Jun 2019	ZAKS	Future	1,093	0.1261	0.1271	0.0000	0.0000	2,290	28,831,100.00
			1,655					3,435.00	43,681,750.00
		Total	1,655					3,435.00	43,681,750.00
									35 358.00
									476 333 960.00
Future									
Jun 2018	ZATR	Future	6,495	2.8986	2.9137	0.0000	0.0000	0	0.00
Sep 2018	ZATR	Future	10,220	2.8263	2.8389	0.0000	0.0000	0	0.00

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME			
			16,715					0.00	0.00	271 704.00	958 320 914.00	
		Total	16,715					0.00	0.00	271 704.00	958 320 914.00	
Future												
	Jun 2018	ZAUM	Future	211	13.1258	13.1304	0.0000	0.0000	352	462,246,400.00		
	Sep 2018	ZAUM	Future	352	13.2831	13.2877	0.0000	0.0000	352	467,899,520.00		
	Dec 2018	ZAUM	Future	10	13.4329	13.4387	0.0000	0.0000	0	0.00		
				573					704.00	930,145,920.00	151 614.00	174 822 631 700.00
		Total	573					704.00	930,145,920.00	156 137.00	174 822 631 700.00	
Future												
	Jun 2018	ZAUS	Future	825,326	13.1258	13.1304	13.1800	13.0300	15,491	202,885,094.50		
	Sep 2018	ZAUS	Future	219,742	13.2831	13.2877	13.3100	13.1887	11,346	150,697,172.20		
	Dec 2018	ZAUS	Future	28,158	13.4329	13.4387	13.4481	13.3849	135	1,812,875.50		
	Mar 2019	ZAUS	Future	4,948	13.5933	13.5968	0.0000	0.0000	0	0.00		
	Jun 2019	ZAUS	Future	3,718	13.7455	13.7492	0.0000	0.0000	1,000	13,769,000.00		
				1,081,892					27,972.00	369,164,142.20	174 745 770.00	2 062 442 408 012.60
Option												
	Jun 2018	ZAUS	11.00 Put	56,673	0.0000	0.0492	0.0000	0.0000	4,077	0.00		
	Jun 2018	ZAUS	11.20 Put	2,550	0.0000	0.0866	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.35 Call	10,000	1775.8001	1780.5344	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.45 Call	10,000	1675.8004	1680.5816	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.50 Put	40,216	0.0009	0.2117	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.60 Put	12,000	0.0045	0.2892	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.75 Put	55,923	0.0348	0.4689	0.0000	0.0000	8,154	0.00		
	Jun 2018	ZAUS	11.77 Put	76,000	0.0446	0.5008	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.80 Put	5,500	0.0641	0.5532	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	11.90 Put	9,500	0.1560	0.7679	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.00 Call	3,000	1126.0919	1131.4669	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.00 Put	38,700	0.2919	1.0669	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.06 Put	150	0.4236	1.3068	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.12 Put	372	0.6127	1.6077	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.14 Put	155,500	0.6924	1.7243	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.15 Call	500	976.5359	982.1861	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.15 Put	1,000	0.7359	1.7861	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.20 Call	40,000	926.7969	932.5341	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.23 Call	3,000	896.9944	902.7783	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.25 Call	40,000	877.1467	882.9582	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.25 Put	12,415	1.3467	2.5582	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.30 Call	4,000	827.6138	833.4766	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.30 Put	24,500	1.8138	3.0766	0.0000	0.0000	0	0.00		
	Jun 2018	ZAUS	12.40 Put	15,103	3.2579	4.4956	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	12.45 Call	150	680.1421	685.8622	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Call	3,250	631.5630	637.0594	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	115,230	5.7630	6.6594	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Call	80,000	583.7963	589.9249	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.55 Put	80,000	7.9963	9.5249	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.70 Put	10,000	19.7513	24.6350	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Call	4,000	401.8102	412.9298	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	26.0102	32.5298	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.89 Put	100	52.5242	64.7056	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	71.9592	87.2226	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Call	15,500	211.0322	232.5958	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	21,228	85.2322	102.1958	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	104.2088	123.1341	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	162.0377	183.8590	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	180.0968	201.6413	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,500	247.0318	266.7508	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.35 Call	0	59.8038	82.7966	0.0000	0.0000	60,000	0.00
Jun 2018	ZAUS	13.46 Put	5,183	372.1500	387.0553	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	389.0369	403.2621	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	406.1521	419.6932	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	531.2785	540.1240	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	2,415	634.4062	639.9902	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	682.2367	686.5197	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	691.9612	695.9865	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	711.4419	714.9728	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	721.1972	724.4907	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	779.9132	781.9146	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Call	30,000	4.1314	9.0192	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	500	878.3314	878.6192	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	977.2394	976.2538	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1126.1799	1123.8811	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	0.8776	1.8418	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	0.4528	0.9670	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	0.3162	0.6773	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	0.1121	0.2361	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	0.1014	0.2128	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	0.0779	0.1616	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	0.0601	0.1230	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	0.0399	0.0794	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	0.0322	0.0629	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	0.0294	0.0570	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	0.0137	0.0246	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	16.16 Call	5,183	0.0533	0.0710	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	0.1006	0.1192	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	0.1087	0.1271	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	0.1324	0.1499	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	0.1422	0.1591	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	0.1901	0.2033	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	2,415	0.3215	0.3189	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	0.3695	0.3598	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	0.3356	0.3194	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	0.2226	0.2111	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.48 Put	5,200	16.8585	19.0421	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.50 Put	45,000	17.3964	19.6488	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.60 Put	2,000	20.3578	22.9812	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	93,314	25.7845	29.0623	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.85 Put	48,200	30.1942	33.9812	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.90 Put	3,000	32.6773	36.7430	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.00 Put	13,300	40.5162	45.2206	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Call	500	1108.4566	1119.5087	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.25 Put	40,000	75.3566	81.8087	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.30 Put	100	84.3777	91.1712	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.38 Put	60,000	100.4021	107.7191	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Call	4,600	911.4285	924.0684	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.50 Put	34,000	128.3285	136.3684	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.58 Put	8,000	149.6848	158.1553	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	13,231	158.2801	166.8977	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	170.2537	179.0566	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.77 Call	5,200	725.3191	739.2502	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.80 Call	50	706.7043	720.7464	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	243.3786	252.9783	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.00 Call	30,000	591.7390	606.2648	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.20 Call	4,000	492.2947	506.8880	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.22 Put	26,000	420.0723	430.0533	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Call	1,250	469.7634	484.3121	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	436.6634	446.6121	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.30 Call	1,500	448.1239	462.6086	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.50 Call	2,500	372.8125	386.5526	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.60 Call	26,000	339.9115	353.1832	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	324.5571	337.5784	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	39.7195	42.3798	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	36.7535	38.9890	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	32.8838	34.5752	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	27.8079	28.8094	0.0000	0.0000	0	0.00

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Dec 2018	ZAUS	11.64 Put	2,764	56.0405	59.5140	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	11.75 Put	231,517	67.0857	71.3139	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	11.90 Put	11,300	84.9186	90.3224	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.00 Put	147,500	98.7792	105.0569	0.0000	0.0000	3,000	0.00		
Dec 2018	ZAUS	12.38 Put	39,589	178.8895	187.3025	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Call	231,517	1145.7100	1160.3159	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.50 Put	10,200	212.8100	221.6159	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.63 Put	39,589	254.0275	263.1600	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	12.75 Put	1,000	296.2928	305.6353	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.00 Call	7,000	835.6979	850.9859	0.0000	0.0000	1,000	0.00		
Dec 2018	ZAUS	13.00 Put	147,500	402.7979	412.2859	0.0000	0.0000	1,500	0.00		
Dec 2018	ZAUS	13.10 Put	11,300	451.0847	460.5150	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.20 Call	7,100	735.1369	750.2489	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.25 Call	10,000	711.7619	726.7972	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.50 Call	231,517	605.1479	619.5814	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.80 Call	2,764	498.5449	511.8472	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	13.95 Call	39,589	452.6685	465.3235	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.00 Call	500	438.3794	450.8106	0.0000	0.0000	2,000	0.00		
Dec 2018	ZAUS	14.13 Call	20,000	403.5051	415.3422	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.44 Call	11,300	332.5111	342.9067	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.60 Call	18,900	301.4608	311.1222	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.61 Call	1,500	299.6347	0.0000	0.0000	0.0000	3,000	0.00		
Dec 2018	ZAUS	14.75 Call	127,100	275.3548	284.3429	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	14.84 Call	1,000	260.4205	269.0218	0.0000	0.0000	0	0.00		
Dec 2018	ZAUS	15.00 Call	1,600	234.9181	242.8637	0.0000	0.0000	4,000	0.00		
Dec 2018	ZAUS	15.95 Call	2,000	130.1725	134.8655	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	10.33 Put	1,000	8.2426	8.7464	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	11.74 Put	1,000	88.2054	92.2305	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	12.06 Put	4,145	150.7648	157.4472	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	13.45 Call	4,145	839.0805	851.4597	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	14.48 Call	1,000	498.8818	508.1450	0.0000	0.0000	0	0.00		
Mar 2019	ZAUS	15.20 Call	500	352.1927	359.0463	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	10.69 Put	1,000	11.9617	14.2541	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.28 Put	1,000	241.8043	250.8308	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	12.75 Put	1,000	404.1497	413.7098	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	14.58 Call	1,000	634.2600	643.7579	0.0000	0.0000	0	0.00		
Jun 2019	ZAUS	15.80 Call	1,000	386.9919	392.9379	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	10.75 Put	1,000	30.0707	34.3020	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	12.50 Put	1,000	373.1598	381.1585	0.0000	0.0000	0	0.00		
Sep 2019	ZAUS	15.87 Call	1,000	518.3452	526.7747	0.0000	0.0000	0	0.00		
Dec 2019	ZAUS	20.00 Call	2,000	203.4467	207.6623	0.0000	0.0000	0	0.00		
			<u>3,495,971</u>					<u>86,731.00</u>	<u>0.00</u>	<u>49 849 266.00</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	4,577,863				114,703.00	369,164,142.20	224 595 036.00	2 062 442 408 012.60
		Grand Total	6,376,119				167,568.00	1 453 496 585.20	306,982,637	2,875,863,259,819.48