



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 10-January-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jan 2018	DAAD	Future	5	9.7702	9.7072	0.0000	0.0000	0	0.00
Feb 2018	DAAD	Future	46	9.8331	9.7699	0.0000	0.0000	0	0.00
			<u>51</u>					<u>0.00</u>	<u>0.00</u>
		Total	51					0.00	0.00
									77 065.00 730 277 644.30
									146 065.00 730 277 644.30
Future									
Jan 2018	DAEU	Future	151,647	14.9792	14.8689	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	44	15.0329	14.9171	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	15.1205	15.0036	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	15.1666	15.0490	0.0000	0.0000	0	0.00
			<u>151,757</u>					<u>0.00</u>	<u>0.00</u>
									745 543.00 11 134 851 230.70
Option									
Jan 2018	DAEU	15.80 Put	193,000	840.2240	946.8132	0.0000	0.0000	0	0.00
Jan 2018	DAEU	16.50 Call	15,150	4.1149	3.5808	0.0000	0.0000	0	0.00
Feb 2018	DAEU	16.41 Put	1,647	1368.6319	1479.1947	0.0000	0.0000	0	0.00
			<u>209,797</u>					<u>0.00</u>	<u>0.00</u>
		Total	361,554					0.00	0.00
									946 787.00 0.00
									1 692 330.00 11 134 851 230.70
Future									
Jan 2018	DAGB	Future	10	16.8794	16.8449	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	17	16.9745	16.9346	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	17.0174	16.9773	0.0000	0.0000	0	0.00
			<u>65</u>					<u>0.00</u>	<u>0.00</u>
		Total	65					0.00	0.00
									53 591.00 879 195 024.30
									260 904.00 879 195 024.30
Future									
Jan 2018	DAUS	Future	0	12.4528	12.4247	0.0000	0.0000	1,126	13,928,620.00
Jan 2018	DAUS	Future	649	12.4592	12.4297	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	500	12.4607	12.4313	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	12.4627	12.4347	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>		
Jan 2018	DAUS	Future	70	12.4731	12.4480	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	144,845	12.4860	12.4597	0.0000	0.0000	14	175,140.00		
Feb 2018	DAUS	Future	1,346	12.5055	12.4772	0.0000	0.0000	1,126	13,997,306.00		
Feb 2018	DAUS	Future	70	12.5138	12.4848	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	12	12.5175	12.4885	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	1,015	12.5417	12.5124	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	5,397	12.5693	12.5398	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	1,199	12.5947	12.5648	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	12.6419	12.6114	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	110	12.6527	12.6222	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.6727	12.6420	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.7090	12.6779	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	445	12.7616	12.7300	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.7671	12.7354	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.7994	12.7674	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,500	12.8065	12.7744	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.8082	12.7761	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	12.8188	12.7866	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.8418	12.8095	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,336	12.8737	12.8410	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.9233	12.8902	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.9705	12.9371	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.9774	12.9439	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	13.0033	12.9697	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.1664	13.1320	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.2214	14.1726	0.0000	0.0000	0	0.00		
			<u>248,679</u>					<u>2,266.00</u>	<u>28,101,066.00</u>	<u>7 415 760.00</u>	<u>90 239 264 581.70</u>

Option

Jan 2018	DAUS	12.39 Put	277	52.9150	73.2320	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.46 Call	277	80.3909	75.8639	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.72 Put	427	278.7001	308.9836	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.83 Call	427	9.3509	10.1769	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.50 Put	238	1040.9501	1070.5511	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.75 Call	238	0.0410	0.0795	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.12 Call	50,000	0.0251	0.0387	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.20 Put	5,000	23.1332	0.0000	0.0000	0.0000	5,000	0.00
Jan 2018	DAUS	12.22 Put	40,000	26.1129	0.0000	0.0000	0.0000	40,000	0.00
Jan 2018	DAUS	13.90 Put	20,000	1437.5458	1465.6058	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.25 Put	440	66.2393	77.0787	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.32 Put	460	90.0739	103.3138	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.36 Call	440	231.8670	220.1817	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.41 Call	460	203.8617	193.8601	0.0000	0.0000	0	0.00

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Jan 2018	DAUS	12.80 Put	25,000	380.9339	406.3823	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.16 Put	19,500	695.6005	722.4326	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	780.0091	806.7960	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	2,883	798.9736	825.7468	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	827.5426	854.2938	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	923.6800	950.3524	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Call	42,000	1.9607	2.1760	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.00 Call	23,300	1.4923	1.6877	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.25 Call	29,000	0.7820	0.9272	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	218.5434	240.1744	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	586.5068	613.8246	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	686.6181	713.4957	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	0.1646	0.2036	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	0.1237	0.1407	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	0.1000	0.1055	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	0.0939	0.0967	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.20 Put	35,000	731.5048	758.6653	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	1305.5053	1333.4131	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.16 Put	1,880	696.2474	724.0393	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	1361.6943	1390.6111	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	0.4241	0.4926	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	1248.3497	1278.0960	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1395.1594	1424.6949	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	1685.9255	1715.2013	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	27.0291	26.6078	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	1650.3114	1679.4288	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	915.3542	943.5649	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2385.1805	2415.7717	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	9.9228	9.3616	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1264.5190	1293.1419	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	25.3261	24.3864	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	13.7633	13.0008	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	450.3107	472.0243	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1315.2416	1343.9491	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	17.5090	16.9576	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	459.5651	481.2904	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	1891.3402	1921.2918	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	15.8209	15.1700	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1258.3700	1287.1413	0.0000	0.0000	0	0.00
May 2018	DAUS	15.43 Call	500	35.9030	36.6697	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	17.7379	20.8021	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1253.4293	1282.0993	0.0000	0.0000	0	0.00

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Jun 2018	DAUS	15.62 Call	500	51.8037	52.0753	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	16.10 Call	500	35.8577	36.6375	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	12.07 Put	2,000	179.9661	191.2545	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.60 Call	1,000	263.5323	259.7340	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.73 Call	1,000	238.6122	235.3169	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.19 Put	1,500	1578.1573	1607.5859	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	14.45 Put	1,500	1803.9604	1834.1825	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.72 Call	1,500	67.3303	67.9876	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.94 Call	1,500	58.9709	59.9701	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	13.80 Put	1,000	1249.7954	1278.1271	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	15.82 Call	500	69.2749	69.0257	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	16.32 Call	500	52.8339	52.8526	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	12.32 Put	1,880	292.1080	307.6285	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.86 Put	1,880	1297.9519	1326.6178	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.18 Call	1,880	61.2707	62.1914	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	13.80 Put	1,000	1247.4851	1275.2061	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.05 Call	500	85.3467	84.4665	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	16.57 Call	500	68.2996	67.5896	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	13.80 Put	1,000	1244.0873	1272.0979	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.25 Call	500	98.0849	97.1061	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	16.80 Call	500	78.3252	77.4953	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	13.80 Put	1,000	1241.0914	1268.5105	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	16.47 Call	500	114.3302	112.7833	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	17.02 Call	500	89.6864	88.3799	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	11.90 Put	1,880	188.0535	198.9803	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.86 Put	1,880	1286.5700	1314.1669	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.81 Call	1,880	103.8766	103.8927	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	13.80 Put	1,000	1238.6805	1265.3439	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	16.70 Call	500	126.2873	125.8780	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	17.31 Call	500	92.9260	91.1815	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.65 Put	20,000	1126.6423	1152.0362	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	15.69 Call	20,000	192.5593	191.1183	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	13.80 Put	1,000	1235.2167	1261.2351	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	16.93 Call	500	138.8992	138.5893	0.0000	0.0000	0	0.00		
Dec 2018	DAUS	17.58 Call	500	97.6821	94.4307	0.0000	0.0000	0	0.00		
			<u>951,461</u>					<u>45,000.00</u>	<u>0.00</u>	<u>16 504 585.00</u>	<u>0.00</u>
		Total	1,200,140					47,266.00	28,101,066.00	23 920 345.00	90 239 264 581.70
Future											
Mar 2018	EUUS	Future	15	1.2033	1.1968	0.0000	0.0000	0	0.00		
			<u>15</u>					<u>0.00</u>	<u>0.00</u>	<u>649 155.00</u>	<u>7 293 856 090.00</u>

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Total			15					0.00	0.00	649 155.00	7 293 856 090.00
Future											
Mar 2018	ZAAD	Future	18,200	9.8599	9.7964	9.9400	9.9400	6	59,640.00		
Jun 2018	ZAAD	Future	5,012	9.9895	9.9235	0.0000	0.0000	0	0.00		
Sep 2018	ZAAD	Future	400	10.1185	10.0513	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	10,812	10.2416	10.1728	0.0000	0.0000	0	0.00		
			34,424					6.00	59,640.00	3 519 906.00	30 412 123 988.00
Total			34,424					6.00	59,640.00	3 552 283.00	30 412 123 988.00
Future											
Mar 2018	ZACA	Future	250	10.0821	10.0800	0.0000	0.0000	0	0.00		
			250					0.00	0.00	124 903.00	1 229 432 717.10
Total			250					0.00	0.00	124 903.00	1 229 432 717.10
Future											
Mar 2018	ZAEU	Future	93,801	15.1337	15.0167	15.2447	14.9500	7,237	109,463,662.40		
Jun 2018	ZAEU	Future	7,465	15.4270	15.3059	15.4943	15.3912	500	7,721,375.00		
Sep 2018	ZAEU	Future	5,417	15.7265	15.6019	0.0000	0.0000	0	0.00		
Dec 2018	ZAEU	Future	2,926	16.0181	15.8908	0.0000	0.0000	0	0.00		
			109,609					7,737.00	117,185,037.40	13 586 244.00	192 812 177 584.50
Option											
Mar 2018	ZAEU	15.05 Put	5,648	310.2359	375.2189	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	18,643	336.6627	405.2054	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	61.3481	53.0414	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	32.0653	28.0797	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,995	33.3792	34.2418	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	46.4701	61.3651	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,995	450.2203	513.4057	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	1271.0236	1368.7959	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	49.8636	46.9835	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	50,995	15.7536	13.0525	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	161,971	127.7925	150.1560	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	124,767	782.2379	858.3987	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.00 Put	37,204	878.4104	958.7788	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	124,767	102.5057	102.3797	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	21.63 Call	37,204	35.7848	34.6281	0.0000	0.0000	0	0.00		
			685,452					0.00	0.00	6 847 461.00	0.00
Total			795,061					7,737.00	117,185,037.40	20 433 705.00	192 812 177 584.50
Future											
Mar 2018	ZAFR	Future	1,215	12.9361	12.8117	0.0000	0.0000	0	0.00		

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			1,215					0.00	0.00	605 450.00	6 457 755 273.50	
		Total	1,215					0.00	0.00	605 450.00	6 457 755 273.50	
Future												
	Mar 2018	ZAGB	Future	181,581	17.0301	16.9899	17.1770	17.0133	1,270	21,721,051.00		
	Jun 2018	ZAGB	Future	7,457	17.3130	17.2701	0.0000	0.0000	0	0.00		
	Sep 2018	ZAGB	Future	4,164	17.5960	17.5510	0.0000	0.0000	0	0.00		
	Dec 2018	ZAGB	Future	886	17.8685	17.8218	0.0000	0.0000	0	0.00		
				194,088					1,270.00	21,721,051.00	9 793 802.00	163 911 014 034.60
Option												
	Mar 2018	ZAGB	17.00 Put	500	421.6241	446.9364	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	19.00 Call	1,500	49.2154	48.4527	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	20.14 Call	500	13.0408	12.8017	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	17.50 Put	500	804.1197	833.3595	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	20.40 Call	500	93.8185	94.0718	0.0000	0.0000	0	0.00		
				3,500					0.00	0.00	1 774 113.00	0.00
		Total		197,588					1,270.00	21,721,051.00	11 567 915.00	163 911 014 034.60
Future												
	Mar 2018	ZAJY	Future	115	0.1132	0.1117	0.0000	0.0000	0	0.00		
				115					0.00	0.00	953 460.00	10 625 024 617.80
		Total		115					0.00	0.00	953 460.00	10 625 024 617.80
Future												
	Jun 2018	ZAKS	Future	1,145	0.1196	0.1193	0.0000	0.0000	0	0.00		
	Sep 2018	ZAKS	Future	562	0.1188	0.1185	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												
	Mar 2018	ZATR	Future	433	3.2422	3.2557	0.0000	0.0000	0	0.00		
				433					0.00	0.00	238 189.00	860 554 603.00
		Total		433					0.00	0.00	238 189.00	860 554 603.00
Future												
	Mar 2018	ZAUM	Future	565	12.5766	12.5470	12.5822	12.5822	25	31,311,100.00		
	Jun 2018	ZAUM	Future	47	12.7417	12.7102	0.0000	0.0000	0	0.00		
	Sep 2018	ZAUM	Future	8	12.9038	12.8709	0.0000	0.0000	0	0.00		
				620					25.00	31,311,100.00	145 958.00	167 859 817 690.00
		Total		620					25.00	31,311,100.00	150 481.00	167 859 817 690.00

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Future									
Mar 2018	ZAUS	Future	1,043,534	12.5766	12.5470	12.6617	12.4699	42,739	536,609,993.30
Jun 2018	ZAUS	Future	175,771	12.7417	12.7102	12.7964	12.7250	2,700	34,269,230.00
Sep 2018	ZAUS	Future	5,264	12.9038	12.8709	12.9564	12.8600	52	671,994.00
Dec 2018	ZAUS	Future	11,000	13.0569	13.0231	0.0000	0.0000	0	0.00
			<u>1,235,569</u>					<u>45,491.00</u>	<u>571,551,217.30</u>
									<u>163 850 098.00</u>
									<u>1 929 669 399 724.80</u>
Option									
Mar 2018	ZAUS	12.00 Put	248,000	75.1609	84.0779	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.13 Put	5,460	110.2905	121.7845	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.25 Put	3,750	150.9746	164.9360	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	195.4652	211.6763	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	213.3572	230.3685	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	25,750	262.0263	280.9687	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	299.8273	319.9961	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Call	11,000	255.5382	247.9435	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Put	2,000	378.9382	400.9435	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.75 Call	100	238.1610	231.1953	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	459.1212	482.5670	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	545.3617	570.0175	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.95 Call	13,200	179.3980	174.5451	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Call	21,000	167.1095	162.6906	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	100,016	590.5095	615.6906	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Call	1,000	125.9555	122.9538	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Put	1,073	749.3555	775.9538	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.21 Put	5,460	757.5256	784.1785	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	765.7189	792.4290	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	45,478	790.4610	817.3299	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	849.0641	876.2735	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.35 Call	2,000	101.1302	98.8734	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	900.1968	927.6650	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	917.4142	944.9630	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	35,000	81.2906	79.5965	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	1004.6906	1032.5965	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.52 Put	3,600	1022.3687	1050.3389	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	200,389	1093.7533	1121.9553	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	64.5460	63.2983	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	60.9577	59.8023	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	1220.9826	1249.5112	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	55.9705	54.9393	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	53.6427	52.6678	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	1312.6445	1341.3596	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	1376.8126	1405.6413	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	13.93 Call	100	41.8673	41.1257	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Put	10,323	1395.2673	1424.1257	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1413.7718	1442.6588	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1441.6214	1470.5477	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	36.8464	36.1994	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	35.5181	34.8950	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	1507.0072	1536.0191	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	32.3876	31.8218	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	29.5148	29.0000	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	1610.7897	1639.9127	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	1629.7811	1658.9220	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	25.4081	24.9654	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	1667.8681	1697.0418	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	16.7071	16.4108	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	16.0749	15.7890	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	15.7671	15.4861	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	1927.9916	1957.3294	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	14.3109	14.0536	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	1937.7109	1967.0536	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	1957.1650	1986.5164	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	13.2393	12.9989	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	12.4860	12.2579	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	11.7741	11.5573	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	8.7599	8.5905	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	7.0375	6.8953	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	6.4964	6.3629	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	6.3675	6.2360	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	5.8766	5.7530	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	5.3143	5.1996	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	4.6427	4.5423	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	4.2883	4.2008	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	3.9091	3.8349	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	3.8440	3.7719	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	3.7371	3.6688	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	3.5739	3.5109	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	3.2460	3.1942	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	3.1190	3.0713	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	20.6136	21.2323	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	45.0657	50.4446	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	20,000	146.7905	157.5542	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	184.5074	197.4047	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	84,749	233.0924	247.7748	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	12.30 Put	24,500	253.5711	268.9308	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.40 Put	12,603	297.4843	314.1668	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	345.2736	363.2243	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	480.8860	502.3409	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	613.5302	637.1677	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	30,358	640.3296	664.3403	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	674.4709	698.9351	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	759.1755	784.6467	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	780.9329	806.6380	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	795.5587	821.4183	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	855.0193	881.4581	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	977.9597	1005.2906	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	993.6507	1021.1079	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1009.4200	1037.0011	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1121.8917	1150.2772	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	84,749	1212.6239	1241.5640	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1254.4941	1283.6626	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1262.9138	1292.1266	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1279.7943	1309.0965	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1288.2547	1317.5996	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1339.3207	1368.9120	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	6,130	1425.4854	1454.8034	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1512.2629	1541.3117	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1643.6959	1673.2483	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	106.9114	105.7032	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	92.1181	91.2764	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	84.8960	84.2258	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	72.8666	72.4698	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	66.7957	66.5290	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	65.2421	65.0080	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	61.2976	61.1438	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	57.6279	57.2685	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	50.7887	51.2829	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	47.4450	48.3412	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	46.0801	47.1376	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	35.7675	37.9640	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	24.9460	28.1125	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	20.1471	23.6208	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	19.5696	23.0729	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	18.1111	21.6805	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	17.5935	21.0343	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	15.3434	18.1605	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	16.92 Call	84,749	11.0711	13.3211	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.00 Call	3,500	10.0374	12.1377	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.21 Call	500	7.7384	9.4834	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.28 Call	5,630	7.0894	8.7274	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	17.38 Call	7,028	6.2509	7.7455	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	11.75 Put	73,314	128.6288	137.6031	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.61 Put	5,300	449.2056	467.4101	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.65 Put	1,550	470.1657	488.7620	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	12.85 Put	750	581.9204	602.3499	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.25 Put	73,314	837.5603	861.5762	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	13.65 Call	1,464	382.3160	376.2222	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	15.97 Call	5,300	100.4740	101.2621	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.04 Call	1,550	97.4219	98.2808	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.14 Call	750	93.2945	94.2472	0.0000	0.0000	0	0.00
Sep 2018	ZAUS	16.29 Call	73,314	87.5834	88.6601	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	12.96 Put	23,443	671.7536	692.2269	0.0000	0.0000	0	0.00
Dec 2018	ZAUS	17.24 Call	23,443	106.6522	104.5930	0.0000	0.0000	0	0.00
Dec 2019	ZAUS	20.00 Call	2,000	223.5872	216.6774	0.0000	0.0000	0	0.00
			<u>2,733,401</u>					<i>0.00</i>	<i>0.00</i>
		Total	3,968,970					45,491.00	571,551,217.30
								207,201,963.00	1,929,669,399,724.80
Grand Total			6,562,208					101,795.00	769,929,111.70
								279,912,189	2,658,650,209,455.00