



JOHANNESBURG STOCK EXCHANGE

Currency Derivatives

CURRENCY FUTURES DAILY TRADE INFORMATION FOR 03-January-2018

DATE	CONTRACT		OPEN INT	MTM	PREV MTM	HIGH	LOW	DAILY VOLUME	CUMULATIVE VOLUME
Future									
Jan 2018	DAAD	Future	5	9.6831	9.7130	0.0000	0.0000	0	0.00
Feb 2018	DAAD	Future	46	9.7460	9.7757	0.0000	0.0000	0	0.00
			<u>51</u>					<u>0.00</u>	<u>0.00</u>
		Total	51					0.00	0.00
									77 060.00
									730 229 419.30
Future									
Jan 2018	DAEU	Future	151,647	14.9054	15.0089	0.0000	0.0000	0	0.00
Feb 2018	DAEU	Future	44	14.9537	15.0558	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	63	15.0411	15.1435	0.0000	0.0000	0	0.00
Mar 2018	DAEU	Future	3	15.0859	15.1886	0.0000	0.0000	0	0.00
			<u>151,757</u>					<u>0.00</u>	<u>0.00</u>
									745 539.00
									11 134 791 368.20
Option									
Jan 2018	DAEU	15.80 Put	193,000	923.7278	830.8360	0.0000	0.0000	0	0.00
Jan 2018	DAEU	16.50 Call	15,150	6.4590	8.1808	0.0000	0.0000	0	0.00
Feb 2018	DAEU	16.41 Put	1,647	1452.6145	1360.1483	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
Future									
Jan 2018	DAGB	Future	10	16.7733	16.8794	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	17	16.8620	16.9673	0.0000	0.0000	0	0.00
Mar 2018	DAGB	Future	38	16.9049	17.0103	0.0000	0.0000	0	0.00
			<u>65</u>					<u>0.00</u>	<u>0.00</u>
		Total	65					0.00	0.00
									53 575.00
									878 926 331.50
Future									
Jan 2018	DAUS	Future	195	12.3388	12.3993	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	220	12.3446	12.4069	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	1,126	12.3466	12.4088	0.0000	0.0000	0	0.00
Jan 2018	DAUS	Future	241	12.3504	12.4126	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	649	12.3560	12.4183	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	500	12.3579	12.4202	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	241	12.3617	12.4239	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	70	12.3749	12.4371	0.0000	0.0000	0	0.00		
Jan 2018	DAUS	Future	144,845	12.3862	12.4484	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	15	12.3899	12.4330	0.0000	0.0000	15	186,495.00		
Feb 2018	DAUS	Future	70	12.4103	12.4724	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	10	12.4139	12.4761	0.0000	0.0000	0	0.00		
Feb 2018	DAUS	Future	1,000	12.4377	12.4999	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	5,397	12.4648	12.5270	0.0000	0.0000	0	0.00		
Mar 2018	DAUS	Future	1,199	12.4898	12.5521	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	70	12.5363	12.5984	0.0000	0.0000	0	0.00		
Apr 2018	DAUS	Future	110	12.5470	12.6091	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	70	12.5667	12.6287	0.0000	0.0000	0	0.00		
May 2018	DAUS	Future	181	12.6024	12.6643	0.0000	0.0000	0	0.00		
Jun 2018	DAUS	Future	445	12.6542	12.7159	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	100	12.6595	12.7212	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,800	12.6912	12.7529	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,500	12.6982	12.7600	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	70	12.7000	12.7618	0.0000	0.0000	0	0.00		
Jul 2018	DAUS	Future	1,853	12.7105	12.7723	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	70	12.7333	12.7952	0.0000	0.0000	0	0.00		
Aug 2018	DAUS	Future	1,336	12.7649	12.8269	0.0000	0.0000	0	0.00		
Sep 2018	DAUS	Future	1,295	12.8140	12.8762	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	70	12.8607	12.9233	0.0000	0.0000	0	0.00		
Oct 2018	DAUS	Future	225	12.8676	12.9302	0.0000	0.0000	0	0.00		
Nov 2018	DAUS	Future	70	12.8934	12.9563	0.0000	0.0000	0	0.00		
Feb 2019	DAUS	Future	70	13.0559	13.1201	0.0000	0.0000	0	0.00		
Jul 2020	DAUS	Future	84,000	14.1004	14.1588	0.0000	0.0000	0	0.00		
			<u>249,113</u>					<u>15.00</u>	<u>186,495.00</u>	<u>7 390 562.00</u>	<u>89 926 402 077.40</u>

Option

Jan 2018	DAUS	13.25 Put	20,000	907.7835	846.3525	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.20 Put	2,000	856.6000	795.2954	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.76 Call	1,000	0.0186	0.0177	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.88 Call	1,000	0.0258	0.0136	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.39 Put	277	139.1559	113.2509	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.46 Call	277	79.2412	108.9255	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.72 Put	427	388.6966	338.4609	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.83 Call	427	14.4924	22.0290	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.50 Put	238	1145.4590	1083.7271	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.75 Call	238	0.6237	0.9334	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.12 Call	50,000	0.1471	0.2149	0.0000	0.0000	0	0.00

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Jan 2018	DAUS	13.90 Put	20,000	1538.8547	1477.0752	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.25 Put	440	124.2686	105.1009	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.36 Call	440	203.4213	240.5962	0.0000	0.0000	0	0.00
Jan 2018	DAUS	12.80 Put	25,000	484.2525	438.8880	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.16 Put	19,500	800.7397	746.5833	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.25 Put	107,000	884.4568	828.5764	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.27 Put	2,883	903.2632	847.0444	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.30 Put	40,904	931.5945	874.8984	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.40 Put	168,000	1026.9662	968.9046	0.0000	0.0000	0	0.00
Jan 2018	DAUS	13.90 Call	42,000	3.4289	4.4271	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.00 Call	23,300	2.7526	3.5844	0.0000	0.0000	0	0.00
Jan 2018	DAUS	14.25 Call	29,000	1.6389	2.1819	0.0000	0.0000	0	0.00
Feb 2018	DAUS	12.57 Put	242	310.4149	274.3439	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.04 Put	234	692.4918	641.4970	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.15 Put	3,496	791.2894	737.7846	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.22 Call	242	0.4337	0.6636	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.52 Call	2,723	0.3639	0.6149	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.79 Call	234	0.3214	0.5894	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.88 Call	773	0.3103	0.5839	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.20 Put	35,000	837.3893	784.1225	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Put	35,000	1410.1712	1350.2525	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.16 Put	1,880	802.3988	750.3091	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.86 Put	1,880	1467.2087	1407.3976	0.0000	0.0000	0	0.00
Feb 2018	DAUS	15.05 Call	1,880	1.0938	1.3475	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.75 Put	20,000	1355.5966	1296.8009	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.90 Put	20,000	1501.8012	1442.1851	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.20 Put	20,000	1791.8182	1731.6052	0.0000	0.0000	0	0.00
Feb 2018	DAUS	13.80 Call	8,500	29.2493	34.6041	0.0000	0.0000	0	0.00
Feb 2018	DAUS	14.18 Put	2,186	1757.2822	1697.7628	0.0000	0.0000	0	0.00
Mar 2018	DAUS	13.40 Put	100,000	1020.6071	968.0996	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.00 Put	1,000	2491.1365	2431.8684	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.81 Call	2,000	14.5045	16.0268	0.0000	0.0000	0	0.00
Apr 2018	DAUS	13.80 Put	1,000	1369.2044	1316.3203	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.23 Call	500	26.3009	28.6812	0.0000	0.0000	0	0.00
Apr 2018	DAUS	15.66 Call	500	17.9234	19.8045	0.0000	0.0000	0	0.00
May 2018	DAUS	12.74 Put	1,880	535.6492	499.8150	0.0000	0.0000	0	0.00
May 2018	DAUS	13.86 Put	1,880	1419.2688	1367.0469	0.0000	0.0000	0	0.00
May 2018	DAUS	15.63 Call	1,880	21.5944	23.9175	0.0000	0.0000	0	0.00
May 2018	DAUS	12.75 Put	11,000	544.7923	509.3202	0.0000	0.0000	0	0.00
May 2018	DAUS	14.50 Put	11,000	1997.3628	1940.4570	0.0000	0.0000	0	0.00
May 2018	DAUS	15.76 Call	11,000	20.5252	22.8505	0.0000	0.0000	0	0.00
May 2018	DAUS	13.80 Put	1,000	1361.8379	1310.7517	0.0000	0.0000	0	0.00

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May 2018	DAUS	15.43 Call	500	37.5996	40.8613	0.0000	0.0000	0	0.00
May 2018	DAUS	15.89 Call	500	23.2937	25.6204	0.0000	0.0000	0	0.00
Jun 2018	DAUS	13.80 Put	1,000	1356.3592	1306.7858	0.0000	0.0000	0	0.00
Jun 2018	DAUS	15.62 Call	500	48.1855	50.9215	0.0000	0.0000	0	0.00
Jun 2018	DAUS	16.10 Call	500	30.3985	31.7009	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.19 Put	1,500	1682.0660	1631.1861	0.0000	0.0000	0	0.00
Jul 2018	DAUS	14.45 Put	1,500	1909.4983	1856.6101	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.72 Call	1,500	66.7274	69.4337	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.94 Call	1,500	58.1036	60.0789	0.0000	0.0000	0	0.00
Jul 2018	DAUS	13.80 Put	1,000	1352.0446	1303.4699	0.0000	0.0000	0	0.00
Jul 2018	DAUS	15.82 Call	500	69.0588	71.6387	0.0000	0.0000	0	0.00
Jul 2018	DAUS	16.32 Call	500	52.2750	53.5673	0.0000	0.0000	0	0.00
Aug 2018	DAUS	12.32 Put	1,880	359.4665	335.5988	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.86 Put	1,880	1400.6946	1351.6629	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.18 Call	1,880	62.4203	63.0502	0.0000	0.0000	0	0.00
Aug 2018	DAUS	13.80 Put	1,000	1347.6121	1300.5741	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.05 Call	500	85.6875	89.1263	0.0000	0.0000	0	0.00
Aug 2018	DAUS	16.57 Call	500	68.5719	71.0955	0.0000	0.0000	0	0.00
Sep 2018	DAUS	13.80 Put	1,000	1342.9432	1297.4850	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.25 Call	500	99.8866	104.0518	0.0000	0.0000	0	0.00
Sep 2018	DAUS	16.80 Call	500	77.3641	81.9715	0.0000	0.0000	0	0.00
Oct 2018	DAUS	13.80 Put	1,000	1338.8670	1294.2057	0.0000	0.0000	0	0.00
Oct 2018	DAUS	16.47 Call	500	116.9903	118.5807	0.0000	0.0000	0	0.00
Oct 2018	DAUS	17.02 Call	500	87.7693	93.2285	0.0000	0.0000	0	0.00
Nov 2018	DAUS	11.90 Put	1,880	236.5406	222.6017	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.86 Put	1,880	1384.8607	1339.7007	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.81 Call	1,880	104.4692	109.3698	0.0000	0.0000	0	0.00
Nov 2018	DAUS	13.80 Put	1,000	1335.4483	1291.4060	0.0000	0.0000	0	0.00
Nov 2018	DAUS	16.70 Call	500	129.7684	132.5874	0.0000	0.0000	0	0.00
Nov 2018	DAUS	17.31 Call	500	90.0332	96.7234	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.65 Put	20,000	1220.9786	1178.7740	0.0000	0.0000	0	0.00
Dec 2018	DAUS	15.69 Call	20,000	192.2669	199.9598	0.0000	0.0000	0	0.00
Dec 2018	DAUS	13.80 Put	1,000	1331.0423	1287.6503	0.0000	0.0000	0	0.00
Dec 2018	DAUS	16.93 Call	500	139.3876	146.2416	0.0000	0.0000	0	0.00
Dec 2018	DAUS	17.58 Call	500	94.9744	100.6004	0.0000	0.0000	0	0.00
			<u>925,541</u>					<u>0.00</u>	<u>0.00</u>
			Total	1,174,654				15.00	186,495.00
								23 843 767.00	89 926 402 077.40
Future									
Mar 2018	EUUS	Future	15	1.2070	1.2092	0.0000	0.0000	0	0.00
			<u>15</u>					<u>0.00</u>	<u>0.00</u>
								649 125.00	7 293 499 720.00

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Total			15					0.00	0.00	649 125.00	7 293 499 720.00
Future											
Mar 2018	ZAAD	Future	17,799	9.7726	9.8021	9.8453	9.7861	63	616,997.90		
Jun 2018	ZAAD	Future	5,012	9.8992	9.9277	0.0000	0.0000	0	0.00		
Dec 2018	ZAAD	Future	10,812	10.1462	10.1739	0.0000	0.0000	0	0.00		
			<u>33,623</u>					<u>63.00</u>	<u>616,997.90</u>	<u>3 516 826.00</u>	<u>30 381 931 059.30</u>
Total			33,623					63.00	616,997.90	3 549 203.00	30 381 931 059.30
Future											
Mar 2018	ZACA	Future	250	9.9623	10.0066	0.0000	0.0000	0	0.00		
			<u>250</u>					<u>0.00</u>	<u>0.00</u>	<u>124 903.00</u>	<u>1 229 432 717.10</u>
Total			250					0.00	0.00	124 903.00	1 229 432 717.10
Future											
Mar 2018	ZAEU	Future	94,457	15.0540	15.1564	15.2500	15.0894	954	14,458,422.80		
Jun 2018	ZAEU	Future	6,965	15.3423	15.4451	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	Future	5,417	15.6373	15.7406	0.0000	0.0000	0	0.00		
Dec 2018	ZAEU	Future	2,926	15.9264	16.0321	0.0000	0.0000	0	0.00		
			<u>109,765</u>					<u>954.00</u>	<u>14,458,422.80</u>	<u>13 573 656.00</u>	<u>192 621 839 347.90</u>
Option											
Mar 2018	ZAEU	15.05 Put	5,648	368.3292	318.4724	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	15.10 Put	18,643	397.5561	344.4509	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	16.50 Call	643	65.0160	76.5969	0.0000	0.0000	0	0.00		
Mar 2018	ZAEU	17.00 Call	620	34.8613	41.3999	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.75 Put	50,995	45.8883	42.7244	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	13.97 Put	7,000	71.4608	57.9590	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	15.25 Put	50,995	517.6025	467.0679	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	16.44 Put	7,000	1354.5061	1274.4957	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	18.61 Call	7,000	54.0272	58.8644	0.0000	0.0000	0	0.00		
Jun 2018	ZAEU	20.55 Call	50,995	14.8705	16.4225	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	14.25 Put	161,971	162.9188	145.2545	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	15.85 Put	124,767	859.2904	799.9013	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	16.00 Put	37,204	957.5749	894.8754	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	19.56 Call	124,767	110.8759	117.4066	0.0000	0.0000	0	0.00		
Sep 2018	ZAEU	21.63 Call	37,204	40.1175	46.0505	0.0000	0.0000	0	0.00		
			<u>685,452</u>					<u>0.00</u>	<u>0.00</u>	<u>6 847 461.00</u>	<u>0.00</u>
Total			795,217					954.00	14,458,422.80	20 421 117.00	192 621 839 347.90
Future											
Mar 2018	ZAFR	Future	1,215	12.8261	12.9527	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	205,657	16.9173	17.0228	17.2060	17.1972	500	8,600,800.00		
	Jun 2018	ZAGB	Future	7,460	17.1949	17.3005	17.4728	17.4728	100	1,747,280.00		
	Sep 2018	ZAGB	Future	4,164	17.4746	17.5809	0.0000	0.0000	0	0.00		
	Dec 2018	ZAGB	Future	886	17.7461	17.8544	0.0000	0.0000	0	0.00		
				218,167					600.00	10,348,080.00	9 765 531.00	163 430 167 924.90
Option												
	Mar 2018	ZAGB	17.00 Put	500	518.2118	461.9207	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	19.00 Call	1,500	56.4668	63.1618	0.0000	0.0000	0	0.00		
	Mar 2018	ZAGB	20.14 Call	500	18.2222	18.8438	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	17.50 Put	500	906.6692	845.9187	0.0000	0.0000	0	0.00		
	Jun 2018	ZAGB	20.40 Call	500	96.6066	104.1300	0.0000	0.0000	0	0.00		
				3,500					0.00	0.00	1 774 113.00	0.00
		Total		221,667					600.00	10,348,080.00	11 539 644.00	163 430 167 924.90
Future												
	Mar 2018	ZAJY	Future	115	0.1115	0.1121	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	0.1186	0.1192	0.0000	0.0000	0	0.00		
	Sep 2018	ZAKS	Future	562	0.1167	0.1188	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	3.2378	3.2569	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	544	12.4720	12.5342	12.6327	12.6199	37	46,554,530.00		
	Jun 2018	ZAUM	Future	47	12.6345	12.6963	12.7949	12.7949	5	6,397,450.00		
	Sep 2018	ZAUM	Future	5	12.7947	12.8569	12.9560	12.9560	5	6,478,000.00		
				596					47.00	59,429,980.00	145 869.00	167 748 725 620.00
		Total		596					47.00	59,429,980.00	150 392.00	167 748 725 620.00

<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>
Future									
Mar 2018	ZAUS	Future	1,045,900	12.4720	12.5342	12.6403	12.4670	14,866	186,740,165.70
Jun 2018	ZAUS	Future	173,975	12.6345	12.6963	12.8000	12.7949	530	6,781,450.00
Sep 2018	ZAUS	Future	4,667	12.7947	12.8569	12.9560	12.8400	511	6,620,116.00
Dec 2018	ZAUS	Future	11,000	12.9467	13.0101	0.0000	0.0000	0	0.00
			<u>1,235,542</u>					<u>15,907.00</u>	<u>200,141,731.70</u>
									<u>163 640 673.00</u>
									<u>1 927 051 460 720.20</u>
Option									
Mar 2018	ZAUS	12.00 Put	228,000	118.1701	103.7993	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.13 Put	5,460	162.7465	144.6118	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.25 Put	3,750	211.9592	190.1644	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.36 Put	20,880	263.8424	238.6345	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.40 Put	2,500	284.2844	257.8349	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.50 Put	25,750	339.9813	309.4300	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.57 Put	3,000	382.5961	348.9119	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Call	11,000	239.6176	264.4029	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.70 Put	2,000	467.6176	430.2029	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.75 Call	100	224.2033	247.6444	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.82 Put	10,323	552.2385	511.6873	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.94 Put	5,000	642.0422	598.6617	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	12.95 Call	13,200	171.7389	190.3372	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.00 Put	100,016	688.6797	643.9999	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Call	1,000	122.5200	137.0369	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.20 Put	1,073	850.5200	802.8369	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.21 Put	5,460	858.8627	810.9944	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.22 Put	15,000	867.2284	819.1750	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.25 Put	45,478	892.4602	843.8653	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.32 Put	7,500	952.0812	902.2918	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.35 Call	2,000	99.9381	111.8629	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.38 Put	2,500	1003.9667	953.2241	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.40 Put	7,500	1021.4098	970.3648	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Call	35,000	81.6637	91.4086	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.50 Put	17,750	1109.6637	1057.2086	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.52 Put	7,200	1127.5070	1074.7904	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.60 Put	200,389	1199.4727	1145.7700	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.66 Call	10,000	66.0196	73.8407	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.70 Call	25,150	62.6343	70.0335	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.74 Put	20,880	1326.8978	1272.2350	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.76 Call	4,000	57.1102	64.7099	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.79 Call	2,000	54.5269	62.2118	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.84 Put	1,000	1418.4696	1363.5576	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.91 Put	7,000	1483.2779	1427.6711	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.93 Call	100	43.8922	50.2986	0.0000	0.0000	0	0.00

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Mar 2018	ZAUS	13.93 Put	10,323	1501.8922	1446.0986	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.95 Put	1,000	1520.5487	1464.5721	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	13.98 Put	200	1548.6066	1492.3654	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.00 Call	10,000	39.3615	45.1487	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.02 Call	55	38.1530	43.7727	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.05 Put	500	1614.4086	1557.5868	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.07 Call	100	35.2891	40.5105	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.12 Call	4,951	32.6378	37.4856	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.16 Put	750	1718.6583	1661.0259	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.18 Put	41,000	1737.7136	1679.9458	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.20 Call	73	28.7984	33.0991	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.22 Put	2,000	1775.9105	1717.8838	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.42 Call	5,460	20.4038	23.4777	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.44 Call	10,000	19.7744	22.7549	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.45 Call	17,000	19.4673	22.4016	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.49 Put	80,000	2036.2858	1976.8433	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Call	10,490	18.0015	20.7165	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.50 Put	400	2046.0015	1986.5165	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.52 Put	850	2065.4472	2005.8785	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.54 Call	7,500	16.9096	19.4602	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.57 Call	100	16.1347	18.5681	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.60 Call	100	15.3957	17.7169	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.75 Call	25,047	12.1844	14.0144	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.86 Call	15,000	10.2704	11.8054	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.90 Call	5,000	9.6531	11.0925	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.91 Call	18,718	9.5049	10.9211	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	14.95 Call	3,000	8.9354	10.2628	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.00 Call	6,126	8.6875	9.4963	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.11 Call	2,500	8.1923	8.5032	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.26 Call	2,500	7.6133	7.8741	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.46 Call	3,867	6.9816	7.1888	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.50 Call	35,000	6.8714	7.0694	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.57 Call	6,000	6.6903	6.8732	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	15.69 Call	750	6.4102	6.5700	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.00 Call	13,176	5.8360	5.9482	0.0000	0.0000	0	0.00
Mar 2018	ZAUS	16.16 Call	225,000	5.6071	5.7002	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.00 Put	750	32.0522	31.1927	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	11.50 Put	66	69.8885	63.0828	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.00 Put	20,000	197.1518	181.4321	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.12 Put	372	241.9189	223.2090	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.25 Put	84,749	296.5737	274.8325	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.30 Put	24,500	319.2786	296.3579	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	12.40 Put	12,603	367.4422	342.1578	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.50 Put	114,600	419.1912	391.5563	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.75 Put	66	564.5442	530.6810	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	12.96 Put	2,700	702.9815	664.8548	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.00 Put	30,358	730.7376	691.8467	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.05 Put	1,250	766.0090	726.1916	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.17 Put	965	853.1629	811.2252	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.20 Put	372	875.4777	833.0342	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.22 Put	15,000	890.4634	847.6869	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.30 Put	25,550	951.2701	907.2081	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.46 Put	5,183	1076.6927	1030.4022	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.48 Put	7,420	1092.7050	1046.1598	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.50 Put	114,600	1108.7908	1061.9917	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.64 Put	70,530	1223.2553	1174.7997	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.75 Put	84,749	1315.3222	1265.6814	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.80 Put	500	1357.7360	1307.5943	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.81 Put	40,000	1366.2612	1316.0175	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.83 Put	300	1383.3457	1332.9083	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.84 Put	500	1391.9075	1341.3756	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	13.90 Put	1,000	1443.5454	1392.4556	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.00 Put	6,130	1529.1418	1477.8645	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.10 Put	7,028	1615.9630	1563.8064	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.25 Put	2,000	1748.2742	1694.9255	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.53 Call	7,600	105.4810	112.0616	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.71 Call	50	91.2185	96.8128	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	14.81 Call	500	84.2315	89.3380	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.00 Call	500	72.5485	76.8424	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.11 Call	760	66.6291	70.5115	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.14 Call	2,700	65.1114	68.8900	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.22 Call	372	60.7655	64.7645	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.30 Call	24,500	55.3134	59.7221	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.43 Call	15,000	47.3572	51.2393	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.50 Call	114,600	43.5017	47.1217	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.53 Call	965	41.9347	45.4478	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	15.79 Call	40,000	30.3033	32.9881	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.16 Call	5,183	18.6743	20.4671	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.38 Call	750	13.8334	15.2268	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.41 Call	300	13.2696	14.6149	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.49 Call	7,420	11.9207	13.0900	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.52 Call	66	11.4684	12.5838	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.65 Call	500	9.6873	10.6435	0.0000	0.0000	0	0.00
Jun 2018	ZAUS	16.92 Call	84,749	6.7834	7.4731	0.0000	0.0000	0	0.00

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Jun 2018	ZAUS	17.00 Call	3,500	6.0948	6.7197	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	17.21 Call	500	4.5875	5.0682	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	17.28 Call	5,630	4.1689	4.6088	0.0000	0.0000	0	0.00	
Jun 2018	ZAUS	17.38 Call	7,028	3.6333	4.0205	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.00 Put	750	55.1534	52.5234	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	11.75 Put	73,314	170.1527	158.4857	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.61 Put	5,300	524.2631	496.2582	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.65 Put	1,550	546.4044	517.6565	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	12.85 Put	750	663.6681	631.1847	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.25 Put	73,314	928.0023	889.1768	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	13.65 Call	1,464	370.0230	388.0150	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	15.97 Call	5,300	101.4990	106.0337	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.04 Call	1,550	98.4859	102.8611	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.14 Call	750	94.4054	98.5678	0.0000	0.0000	0	0.00	
Sep 2018	ZAUS	16.29 Call	73,314	88.7458	92.6108	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	12.96 Put	23,443	754.4620	721.4112	0.0000	0.0000	0	0.00	
Dec 2018	ZAUS	17.24 Call	23,443	104.9549	110.8164	0.0000	0.0000	0	0.00	
Dec 2019	ZAUS	20.00 Call	2,000	225.0807	228.5739	0.0000	0.0000	0	0.00	
			<u>2,696,751</u>					<u>0.00</u>	<u>0.00</u>	<u>43 083 127.00</u>
		Total	3,932,293					15,907.00	200,141,731.70	206 723 800.00
										<u>1 927 051 460 720.20</u>
		Grand Total	6,523,455					17,586.00	285 181 707.40	279,313,365
										2,654,906,205,450.80