

Trade Date	Underlying	Option Root	Expiration Date	Strike Price	Kind	Start Time	State Code
20170815	ZN	ZN	20170818	5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	7.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	2.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	12.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	12.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	10	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	2.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	7.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170818	10	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	12.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	2.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	10	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	7.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	12.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	7.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	10	P	12:26:53:795	Limit State
20170815	ZN	ZN	20170915	2.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20171215	10	P	12:26:53:795	Limit State
20170815	ZN	ZN	20171215	5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20171215	2.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20171215	2.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20171215	5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20171215	7.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20171215	7.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20171215	10	C	12:26:53:795	Limit State
20170815	ZN	ZN	20180316	5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20180316	2.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20180316	5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20180316	10	C	12:26:53:795	Limit State
20170815	ZN	ZN	20180316	7.5	P	12:26:53:795	Limit State
20170815	ZN	ZN	20180316	7.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20180316	2.5	C	12:26:53:795	Limit State
20170815	ZN	ZN	20180316	10	P	12:26:53:795	Limit State

PHLX Executed Volume	Weighted Quote Spread	Weighted BidSize	Weighted AskSize
0	0.95	421	10
0	1.5	414.7681159	84.76811594
100	0.75	0	10
0	1.9	126	10.93491124
0	0	0	0
0	0.45	0	370
0	0	0	0
0	0.45	370	527
0	0	0	0
0	1.9	401	131
0	1.9	126	56
0	0.65	517	585
0	0	0	0
0	0.2	200	570
0	1.5	126	36
0	0	0	0
0	2.05	536	10
0	0.25	0	565
0	1.9	376	56.88757396
0	0.4	435	10
0	2.1	301.704142	246
0	0.75	635	371
0	0.35	202	600
0	0.4	612	252
0	0.25204461	31.55018587	603.7174721
0	1.6	302	246
0	0	0	0
0	0.4	0	670
0	1.75	242	222
0	0.7	1	222
0	0.9	422	492
0	0.75	0	242
0	1.7	242	222
0	0.35	0	575
0	1.4	0	492
0	2.1	242	222



