

Cboe Streaming Market Indices as of April 1, 2021

CSMI Main Channel

1	AMBOR30	30 Day Average Ameribor® Rate	46	CBHEUSB	Cyberhedge EU Bad Index
2	AMBOR30T	Ameribor® Term-30 Rate	47	CBHEUSBN	Cyberhedge EU Bad Net Total Return Index
3	AMBOR90	90 Day Average Ameribor® Rate	48	CBHEUSBT	Cyberhedge EU Bad Total Return Index
4	AMBOS	One Month Ameribor® Average Settlement	49	CBHEUSG	Cyberhedge EU Good Index
5	AMBOX	One Month Ameribor® Average Rate	50	CBHEUSGN	Cyberhedge EU Good Net Total Return Index
6	AMBR5	14 Day Ameribor® Average Settlement	51	CBHEUSGT	Cyberhedge EU Good Total Return Index
7	AMBRX	14 Day Ameribor® Average Rate	52	CBHUSAG	Cyberhedge US Good Plus Index
8	AMBT5	Three Month Ameribor® Compound Average Settlement	53	CBHUSAGN	Cyberhedge US Good Plus Net Total Return Index
9	AMBTX	Three Month Ameribor® Compound Average Rate	54	CBHUSAGT	Cyberhedge US Good Plus Total Return Index
10	AMBWS	7 Day Ameribor® Average Settlement	55	CBHUSSB	Cyberhedge US Bad Index
11	AMBWX	7 Day Ameribor® Average Rate	56	CBHUSBN	Cyberhedge US Bad Net Total Return Index
12	AMERIBOR	Ameribor® Unsecured Overnight Rate	57	CBHUSBT	Cyberhedge US Bad Total Return Index
13	AVGRNTSP	Alpha Vee Green Transportation Index Alpha Vee Risk Managed Allocation Top 5 Sector Equities &	58	CBHUSG	Cyberhedge US Good Index
14	AVT5EQTB	Treasury Bonds Index	59	CBHUSGN	Cyberhedge US Good Net Total Return Index
15	AVT5ETTB	Alpha Vee Core Allocation Top 5 Sector ETFs & Treasuries Inc Cboe MSCI EAFE 20-Delta BuyWrite Index (on CSMI Main & MSCI channels) Cboe MSCI Emerging Markets 20-Delta BuyWrite Index (on CSMI Main & MSCI channels)	60	CBHUSGT	Cyberhedge US Good Total Return Index
16	BDEA	Cboe MSCI Emerging Markets 20-Delta BuyWrite Index (on CSMI Main & MSCI channels)	61	CDS PG	SPX Gamma Weighted Dispersion
17	BDEF	Cboe S&P 500 Iron Butterfly Index	62	CDSPT	SPX Theta Weighted Dispersion
18	BFLY	Cboe MSCI EAFE Iron Butterfly Index (on CSMI Main & MSCI channels)	63	CDS PV	SPX Vega Weighted Dispersion
19	BFLYEA	Cboe MSCI Emerging Markets Iron Butterfly Condor (on CSMI Main & MSCI channels)	64	CLL	Cboe Collar 95-110 Index
20	BFLYEF	Cboe S&P 500 Index Binary Options	65	CLLZ	Cboe S&P 500 Zero-Cost Put Spread Collar Index
21	BSZ	Cboe S&P 500 Index Binary Options	66	CMBO	Cboe S&P 500 Covered Combo Index Cboe MSCI EAFE Covered Combo Index (on CSMI Main & MSCI channels)
22	BVZ	Cboe Binary Options on the Cboe Volatility Index	67	CMBOEA	Cboe MSCI Emerging Markets Covered Combo Index (on CSMI Main & MSCI channels)
23	BXD	Cboe DJIA BuyWrite Index	68	CMBOEF	Cboe S&P 500 Iron Condor Index Cboe MSCI EAFE Iron Condor Index (on CSMI Main & MSCI channels) Cboe MSCI Emerging Markets Iron Condor Index (on CSMI Main & MSCI channels)
24	BXEA	Cboe MSCI EAFE BuyWrite Index (on CSMI Main & MSCI channel) Cboe MSCI Emerging Markets BuyWrite Index (on CSMI Main & MSCI channel)	69	CNDR	Cboe S&P 500 Iron Condor Index Cboe MSCI EAFE Iron Condor Index (on CSMI Main & MSCI channels) Cboe MSCI Emerging Markets Iron Condor Index (on CSMI Main & MSCI channels)
25	BXEF	Cboe S&P 500 BuyWrite Index	70	CNDREA	Cboe S&P 500 Conditional BuyWrite Index
26	BXM	Cboe S&P 500 30-Delta BuyWrite Index	71	CNDREF	Cboe Jumbo DJ Volatility Ask
27	BXMC	Cboe S&P 500 Half BuyWrite Index	72	CXU	Cboe Jumbo DJ Volatility Bid
28	BXMD	Cboe S&P 500 Volatility Managed BuyWrite Index	73	DDA	Morgan Stanley STARS Dow Jones BuyWrite Index
29	BXMH	Cboe S&P 500 Multi-Week BuyWrite Index	74	DDB	Morgan Stanley Targeted Income STARS Dow Jones BuyWrite Index
30	BXMVM	Cboe Nasdaq-100 BuyWrite Index	75	DEY	DJX SOQ
31	BXMW	Cboe Nasdaq-100 Half BuyWrite V2 Index	76	DIB	Cboe Jumbo DJX Index (1/10th)
32	BXN	Cboe NASDAQ-100 BuyWrite V2 Index	77	DJS	Equity Armor Investments VOL 365 Index
33	BXNH	Cboe NASDAQ-100 BuyWrite V2 UCITS Index	78	DXL	MXEF Option Settlement Value (on CSMI Main & MSCI channels)
34	BXNT	Cboe S&P 500 BuyWrite Index	79	EAVOL	Cboe ESG Options Settlement Symbol
35	BXNTU	Cboe S&P 500 BuyWrite Index	80	EFS	Morgan Stanley STARS S&P 500 BuyWrite Index
36	BXO	Cboe 20+ Year Treasury Bond One-Week BuyWrite Index	81	ESGST	Morgan Stanley Targeted Income STARS S&P 500 BuyWrite Index
37	BXTW	Cboe S&P 500 BuyWrite 2% OTM Morgan Stanley 8% Targeted Income STARS Cboe S&P 500 Buywrite Index Nev	82	ETT	Cboe EuroCurrency Volatility Index
38	BXY	Morgan Stanley 0% STARS Cboe S&P 500 BuyWrite Index Cboe MSCI EAFE 2% OTM BuyWrite Index (on CSMI Main & MSCI channels) Cboe MSCI Emerging Markets 2% OTM BuyWrite Index (on CSMI Main & MSCI channels)	83	ETZ	Cboe 5 Year Treasury Yield Index Gapstow Liquid Alternative Credit Total Return Index - USD Gapstow Liquid Alternative Credit Total Return Index - EUR
39	BYB	Cyberhedge EU Good Plus Index	84	EVZ	Gapstow Liquid Alternative Credit Index - EUR
40	BYC	Cyberhedge EU Good Plus Net Total Return Index	85	FVX	Gapstow Liquid Alternative Credit Index - USD
41	BYEA	Cyberhedge EU Good Plus Total Return Index	86	GLACI	Cboe Gold 10% Buffer Protect Index Balanced Series
42	BYEF		87	GLACIE	
43	CBHEUAG		88	GLACIEP	
44	CBHEUAGN		89	GLACIP	
45	CBHEUAGT		90	GLDPRO	

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91	GLDPRO01	Cboe Gold 10% Buffer Protect Index January Series	133	MSX	Morgan Stanley Style Select Japan Index Net Entitlement
92	GLDPRO02	Cboe Gold 10% Buffer Protect Index February Series	134	MXS	MXEA Option Settlement Value (on CSMI Main & MSCI
93	GLDPRO03	Cboe Gold 10% Buffer Protect Index March Series	135	NHT	Morgan Stanley STARS (NBXZ) Cboe Nasdaq-100
94	GLDPRO04	Cboe Gold 10% Buffer Protect Index April Series	136	OET	S&P 100 Flex Settlement Index
95	GLDPRO05	Cboe Gold 10% Buffer Protect Index May Series	137	OVX	Cboe Crude Oil Volatility Index
96	GLDPRO06	Cboe Gold 10% Buffer Protect Index June Series	138	PCJ	Citigroup BXM Pistons Net Investment Value
97	GLDPRO07	Cboe Gold 10% Buffer Protect Index July Series	139	PDEA	Cboe MSCI EAFE 20-Delta PutWrite Index (on CSMI Main & MSCI channels)
98	GLDPRO08	Cboe Gold 10% Buffer Protect Index August Series	140	PDEF	Cboe MSCI Emerging Markets 20-Delta PutWrite Index (on CSMI Main & MSCI channels)
99	GLDPRO09	Cboe Gold 10% Buffer Protect Index September Series	141	PPUT	Cboe S&P 500 5% Put Protection Index
100	GLDPRO10	Cboe Gold 10% Buffer Protect Index October Series	142	PPUTEA	Cboe MSCI EAFE 5% Put Protection Index (on CSMI Main & MSCI channels)
101	GLDPRO11	Cboe Gold 10% Buffer Protect Index November Series	143	PPUTEF	Cboe MSCI Emerging Markets 5% Put Protection Index (on CSMI Main & MSCI channels)
102	GLDPRO12	Cboe Gold 10% Buffer Protect Index December Series	144	PTLT	Cboe 20+ Year Treasury Bond PutWrite Index
103	GVZ	Cboe Gold ETF Volatility Index	145	PUT	Cboe PutWrite Index
104	IBHY	iBoxx iShares USD High Yield Corporate Bond Index	146	PUTVM	Cboe S&P 500 Volatility Managed PutWrite Index
105	IBIG	iBoxx iShares USD Investment Grade Corporate Bond Index	147	PUTY	Cboe S&P 500 2% OTM Putwrite Index
106	ICJ	Cboe S&P 500 Correlation Index Jan 2022	148	PWT	Cboe S&P 500 PutWrite T-W Index
107	IDB1TV	IDB IndexAmericas Stability Excess Return Index	149	PXEA	Cboe MSCI EAFE PutWrite Index (on CSMI Main & MSCI channels)
108	IDB1TVG	IDB IndexAmericas Stability Gross Total Return Index	150	PXEF	Cboe MSCI Emerging Markets PutWrite Index (on CSMI Main & MSCI channels)
109	IDB1TVP	IDB IndexAmericas Stability Index	151	PYEA	Cboe MSCI EAFE 2% OTM PutWrite Index (on CSMI Main & MSCI channels)
110	IDB1TVT	IDB IndexAmericas Stability Total Return Index	152	PYEF	Cboe MSCI Emerging Markets 2% OTM PutWrite Index (on CSMI Main & MSCI channels)
111	IRX	Cboe Short-Term Interest Rate Index	153	RON	UBS Return Optimization Index
112	ISWNXT	S-Network International BlackSwan Index	154	RPEN	Cboe Russell 2000 Enhanced Growth Balanced Series
113	JCJ	Cboe S&P 500 Correlation Index Jan 2020	155	RPEN01	Cboe Russell 2000 Enhanced Growth Index January Series
114	KCJ	Cboe S&P 500 Correlation Index Jan 2021	156	RPEN02	Cboe Russell 2000 Enhanced Growth Index February Series
115	LOVOL	Cboe Low Volatility Index	157	RPEN03	Cboe Russell 2000 Enhanced Growth Index March Series
116	LTACQG	Linden Thomas US Equity All-Cap Quality Growth 150 Index	158	RPEN04	Cboe Russell 2000 Enhanced Growth Index April Series
117	LTACQGN	Linden Thomas US Equity All-Cap Quality Growth 150 Total	159	RPEN05	Cboe Russell 2000 Enhanced Growth Index May Series
118	LTACQGT	Linden Thomas US Equity All-Cap Quality Growth 150 Net	160	RPEN06	Cboe Russell 2000 Enhanced Growth Index June Series
119	LTQDLX	Total Return Index	161	RPEN07	Cboe Russell 2000 Enhanced Growth Index July Series
120	LTQDLXN	Linden Thomas Quality Dividends US Large-Cap Index	162	RPEN08	Cboe Russell 2000 Enhanced Growth Index August Series
121	LTQDLXT	Linden Thomas Quality Dividends US Large-Cap Net Total	163	RPEN09	Cboe Russell 2000 Enhanced Growth Index September Series
122	LTQDMX	Return Index	164	RPEN10	Cboe Russell 2000 Enhanced Growth Index October Series
123	LTQDMXN	Linden Thomas Quality Dividends US Mid-Cap Index	165	RPEN11	Cboe Russell 2000 Enhanced Growth Index November Series
124	LTQDMXT	Linden Thomas Quality Dividends US Mid-Cap Net Total	166	RPEN12	Cboe Russell 2000 Enhanced Growth Index December Series
125	LTQDSX	Return Index	167	RPRO	Cboe Russell 2000 Buffer Protect Index Balanced Series
126	LTQDSXN	Linden Thomas Quality Dividends US Small-Cap Index	168	RPRO01	Cboe Russell 2000 Buffer Protect Index January Series
127	LTQDSXT	Linden Thomas Quality Dividends US Small-Cap Net Total	169	RPRO02	Cboe Russell 2000 Buffer Protect Index February Series
128	MINERS	Return Index	170	RPRO03	Cboe Russell 2000 Buffer Protect Index March Series
129	MINERSV	The S-Network MicroSectors Gold Miners Total Return	171	RPRO04	Cboe Russell 2000 Buffer Protect Index April Series
130	MNX	Index (USD)	172	RPRO05	Cboe Russell 2000 Buffer Protect Index May Series
131	MSQ	The S-Network MicroSectors Gold Miners VWAP Index (USD)	173	RPRO06	Cboe Russell 2000 Buffer Protect Index June Series
132	MSV	Cboe Mini-NDX	174	RPRO07	Cboe Russell 2000 Buffer Protect Index July Series
		Innovator S&P 500 Power Buffer ETF April Intraday Indicative Value Sorce			

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175	RPRO08	Cboe Russell 2000 Buffer Protect Index August Series	236	SPEN08	Cboe S&P 500 Enhanced Growth August Series
176	RPRO09	Cboe Russell 2000 Buffer Protect Index September Series	237	SPEN09	Cboe S&P 500 Enhanced Growth September Series
177	RPRO10	Cboe Russell 2000 Buffer Protect Index October Series	238	SPEN10	Cboe S&P 500 Enhanced Growth October Series
178	RPRO11	Cboe Russell 2000 Buffer Protect Index November Series	239	SPEN11	Cboe S&P 500 Enhanced Growth November Series
179	RPRO12	Cboe Russell 2000 Buffer Protect Index December Series	240	SPEN12	Cboe S&P 500 Enhanced Growth December Series
180	RVOL	Cboe Realized Volatility Index	241	SPENME	Cboe S&P 500 Enhanced Growth Balanced Series
181	RVOL12M	Cboe 12-Month Realized Volatility Index	242	SPENME01	Cboe S&P 500 Enhanced Growth Index January Series
182	RVOL3M	Cboe 3-Month Realized Volatility Index	243	SPENME02	Cboe S&P 500 Enhanced Growth Index February Series
183	RVOL6M	Cboe 6-Month Realized Volatility Index	244	SPENME03	Cboe S&P 500 Enhanced Growth Index March Series
184	RXM	Cboe S&P 500 Risk Reversal Index	245	SPENME04	Cboe S&P 500 Enhanced Growth Index April Series
185	SET	S&P 500 Settlement Index	246	SPENME05	Cboe S&P 500 Enhanced Growth Index May Series
186	SHORTVOL	Short VIX Futures Index	247	SPENME06	Cboe S&P 500 Enhanced Growth Index June Series
187	SKEW	Cboe SKEW Index	248	SPENME07	Cboe S&P 500 Enhanced Growth Index July Series
188	SMILE	S&P 500 Smile Index	249	SPENME08	Cboe S&P 500 Enhanced Growth Index August Series
189	SMLCW	Cboe-SMA Weekly Large Cap Long Index	250	SPENME09	Cboe S&P 500 Enhanced Growth Index September Series
190	SP2BF10A	Cboe S&P 500 10% Buffered 25 April Index Series	251	SPENME10	Cboe S&P 500 Enhanced Growth Index October Series
191	SP2BF10D	Cboe S&P 500 10% Buffered 25 December Index Series	252	SPENME11	Cboe S&P 500 Enhanced Growth Index November Series
192	SP2BF10F	Cboe S&P 500 10% Buffered 25 February Index Series	253	SPENME12	Cboe S&P 500 Enhanced Growth Index December Series
193	SP2BF10G	Cboe S&P 500 10% Buffered 25 August Index Series	254	SPJGBV	S&P/JPX JGB VIX
194	SP2BF10J	Cboe S&P 500 10% Buffered 25 January Index Series	255	SPJGBVRT	S&P/JPX JGB VIX Real-Time
195	SP2BF10L	Cboe S&P 500 10% Buffered 25 July Index Series	256	SPRF	Cboe S&P 500 15% Buffer Protect Index Balanced Series
196	SP2BF10M	Cboe S&P 500 10% Buffered 25 March Index Series	257	SPRF01	Cboe S&P 500 15% Buffer Protect Index January Series
197	SP2BF10N	Cboe S&P 500 10% Buffered 25 November Index Series	258	SPRF02	Cboe S&P 500 15% Buffer Protect Index February Series
198	SP2BF10O	Cboe S&P 500 10% Buffered 25 October Index Series	259	SPRF03	Cboe S&P 500 15% Buffer Protect Index March Series
199	SP2BF10S	Cboe S&P 500 10% Buffered 25 September Index Series	260	SPRF04	Cboe S&P 500 15% Buffer Protect Index April Series
200	SP2BF10U	Cboe S&P 500 10% Buffered 25 June Index Series	261	SPRF05	Cboe S&P 500 15% Buffer Protect Index May Series
201	SP2BF10Y	Cboe S&P 500 10% Buffered 25 May Index Series	262	SPRF06	Cboe S&P 500 15% Buffer Protect Index June Series
202	SP7BF10A	Cboe S&P 500 10% Buffered 75 April Index Series	263	SPRF07	Cboe S&P 500 15% Buffer Protect Index July Series
203	SP7BF10D	Cboe S&P 500 10% Buffered 75 December Index Series	264	SPRF08	Cboe S&P 500 15% Buffer Protect Index August Series
204	SP7BF10F	Cboe S&P 500 10% Buffered 75 February Index Series	265	SPRF09	Cboe S&P 500 15% Buffer Protect Index September Series
205	SP7BF10G	Cboe S&P 500 10% Buffered 75 August Index Series	266	SPRF10	Cboe S&P 500 15% Buffer Protect Index October Series
206	SP7BF10J	Cboe S&P 500 10% Buffered 75 January Index Series	267	SPRF11	Cboe S&P 500 15% Buffer Protect Index November Series
207	SP7BF10L	Cboe S&P 500 10% Buffered 75 July Index Series	268	SPRF12	Cboe S&P 500 15% Buffer Protect Index December
208	SP7BF10M	Cboe S&P 500 10% Buffered 75 March Index Series	269	SPRI	Cboe S&P 500 Range Bound Premium Income Index
209	SP7BF10N	Cboe S&P 500 10% Buffered 75 November Index Series	270	SPRO	Cboe S&P 500 Buffer Protect Index Balanced Series
210	SP7BF10O	Cboe S&P 500 10% Buffered 75 October Index Series	271	SPRO01	Cboe S&P 500 Buffer Protect Index January Series
211	SP7BF10S	Cboe S&P 500 10% Buffered 75 September Index Series	272	SPRO02	Cboe S&P 500 Buffer Protect Index February Series
212	SP7BF10U	Cboe S&P 500 10% Buffered 75 June Index Series	273	SPRO03	Cboe S&P 500 Buffer Protect Index March Series
213	SP7BF10Y	Cboe S&P 500 10% Buffered 75 May Index Series	274	SPRO04	Cboe S&P 500 Buffer Protect Index April Series
214	SPAI	Cboe S&P 500 Dividend Aristocrat Target Income Index	275	SPRO05	Cboe S&P 500 Buffer Protect Index May Series
215	SPATI	Cboe S&P 500 Dividend Aristocrat Target Income Index	276	SPRO06	Cboe S&P 500 Buffer Protect Index June Series
216	SPBUF10A	Cboe S&P 500 10% Buffered April Index Series	277	SPRO07	Cboe S&P 500 Buffer Protect Index July Series
217	SPBUF10D	Cboe S&P 500 10% Buffered December Index Series	278	SPRO08	Cboe S&P 500 Buffer Protect Index August Series
218	SPBUF10F	Cboe S&P 500 10% Buffered February Index Series	279	SPRO09	Cboe S&P 500 Buffer Protect Index September Series
219	SPBUF10G	Cboe S&P 500 10% Buffered August Index Series	280	SPRO10	Cboe S&P 500 Buffer Protect Index October Series
220	SPBUF10J	Cboe S&P 500 10% Buffered January Index Series	281	SPRO11	Cboe S&P 500 Buffer Protect Index November Series
221	SPBUF10L	Cboe S&P 500 10% Buffered July Index Series	282	SPRO12	Cboe S&P 500 Buffer Protect Index December Series
222	SPBUF10M	Cboe S&P 500 10% Buffered March Index Series	283	SPROME	Cboe S&P 500 Buffer Protect Index Balanced Series
223	SPBUF10N	Cboe S&P 500 10% Buffered November Index Series	284	SPROME01	Cboe S&P 500 Buffer Protect Index January Series
224	SPBUF10O	Cboe S&P 500 10% Buffered October Index Series	285	SPROME02	Cboe S&P 500 Buffer Protect Index February Series
225	SPBUF10S	Cboe S&P 500 10% Buffered September Index Series	286	SPROME03	Cboe S&P 500 Buffer Protect Index March Series
226	SPBUF10U	Cboe S&P 500 10% Buffered June Index Series	287	SPROME04	Cboe S&P 500 Buffer Protect Index April Series
227	SPBUF10Y	Cboe S&P 500 10% Buffered May Index Series	288	SPROME05	Cboe S&P 500 Buffer Protect Index May Series
228	SPEN	Cboe S&P 500 Enhanced Growth Balanced Series	289	SPROME06	Cboe S&P 500 Buffer Protect Index June Series
229	SPEN01	Cboe S&P 500 Enhanced Growth January Series	290	SPROME07	Cboe S&P 500 Buffer Protect Index July Series
230	SPEN02	Cboe S&P 500 Enhanced Growth February Series	291	SPROME08	Cboe S&P 500 Buffer Protect Index August Series
231	SPEN03	Cboe S&P 500 Enhanced Growth March Series	292	SPROME09	Cboe S&P 500 Buffer Protect Index September Series
232	SPEN04	Cboe S&P 500 Enhanced Growth April Series	293	SPROME10	Cboe S&P 500 Buffer Protect Index October Series
233	SPEN05	Cboe S&P 500 Enhanced Growth May Series	294	SPROME11	Cboe S&P 500 Buffer Protect Index November Series
234	SPEN06	Cboe S&P 500 Enhanced Growth June Series	295	SPROME12	Cboe S&P 500 Buffer Protect Index December Series
235	SPEN07	Cboe S&P 500 Enhanced Growth July Series	296	SPRS01	Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index January Series

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297	SPRS04	Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index April Series	330	TWLV4	Cboe 4th VIX Futures Mid-Morning Indicative TWAP Value
298	SPRS07	Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index July Series	331	TWLV5	Cboe 5th VIX Futures Mid-Morning Indicative TWAP Value
299	SPRS10	Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index October Series	332	TWLV6	Cboe 6th VIX Futures Mid-Morning Indicative TWAP Value
300	SRO	S&P 500 Range Option Underlying Index	333	TWLV7	Cboe 7th VIX Futures Mid-Morning Indicative TWAP Value
301	SRVIX	Cboe Interest Volatility Index	334	TWLV8	Cboe 8th VIX Futures Mid-Morning Indicative TWAP Value
302	SSTGK	Cboe S&P 500 4% OTM Short Strangle Index (with KRW 3 month Certificate of Deposit)	335	TWLV9	Cboe 9th VIX Futures Mid-Morning Indicative TWAP Value
303	SUPDN	Cboe S&P Enhance and Buffer Index	336	TYX	Treasury Yield 30 Years
304	SVRO	Cboe S&P 500 Short-Term Volatility Index Settlement Price	337	UZF	Cboe VIX Jan Futures 4 pm EST Mark Index
305	SVRPO	Cboe S&P 500 Market-Neutral Volatility Risk Premia Optimized Index	338	UZG	Cboe VIX Feb Futures 4 pm EST Mark Index
306	SWANXT	ARGI BlackSwan Core Index	339	UZH	Cboe VIX Mar Futures 4 pm EST Mark Index
307	TLTPRO	Cboe 20+ Year Treasury 10% Buffer Protect Index Balanced Series	340	UZI	Cboe VIX Apr Futures 4 pm EST Mark Index
308	TLTPRO01	Cboe 20+ Year Treasury 10% Buffer Protect Index January Series	341	UZK	Cboe VIX May Futures 4 pm EST Mark Index
309	TLTPRO02	Cboe 20+ Year Treasury 10% Buffer Protect Index February Series	342	UZM	Cboe VIX Jun Futures 4 pm EST Mark Index
310	TLTPRO03	Cboe 20+ Year Treasury 10% Buffer Protect Index March Series	343	UZN	Cboe VIX Jul Futures 4 pm EST Mark Index
311	TLTPRO04	Cboe 20+ Year Treasury 10% Buffer Protect Index April Series	344	UZQ	Cboe VIX Aug Futures 4 pm EST Mark Index
312	TLTPRO05	Cboe 20+ Year Treasury 10% Buffer Protect Index May Series	345	UZU	Cboe VIX Sep Futures 4 pm EST Mark Index
313	TLTPRO06	Cboe 20+ Year Treasury 10% Buffer Protect Index June Series	346	UZV	Cboe VIX Oct Futures 4 pm EST Mark Index
314	TLTPRO07	Cboe 20+ Year Treasury 10% Buffer Protect Index July Series	347	UZX	Cboe VIX Nov Futures 4 pm EST Mark Index
315	TLTPRO08	Cboe 20+ Year Treasury 10% Buffer Protect Index August Series	348	UZZ	Cboe VIX Dec Futures 4 pm EST Mark Index
316	TLTPRO09	Cboe 20+ Year Treasury 10% Buffer Protect Index September Series	349	VAEEM	Cboe VXEEM Ask Index
317	TLTPRO10	Cboe 20+ Year Treasury 10% Buffer Protect Index October Series	350	VAF	S&P Variance Futures Settlement Price
318	TLTPRO11	Cboe 20+ Year Treasury 10% Buffer Protect Index November Series	351	VAFF1	Cboe January 2021 S&P Variance Futures Closing Price
319	TLTPRO12	Cboe 20+ Year Treasury 10% Buffer Protect Index December Series	352	VAFG1	Cboe February 2021 S&P Variance Futures Closing Price
320	TNX	Cboe Interest Rate 10 Year T Note	353	VAFH1	Cboe March 2021 S&P Variance Futures Closing Price
321	TWAV1	Cboe 1st VIX Futures Mid-Morning 15 minute Indicative TWAP Value	354	VAFJ1	Cboe April 2021 S&P Variance Futures Closing Price
322	TWAV2	Cboe 2nd VIX Futures Mid-Morning 15 Minute Indicative TWAP Value	355	VAFK1	Cboe May 2021 S&P Variance Futures Closing Price
323	TWAV3	Cboe 3rd VIX Futures Mid-Morning 15 Minute Indicative TWAP Value	356	VAFM1	Cboe June 2021 S&P Variance Futures Closing Price
324	TWBV1	Cboe 1st VIX Futures Mid-Morning 3 Hour Indicative TWAP Value	357	VAFU1	Cboe September 2021 S&P Variance Futures Closing Price
325	TWBV2	Cboe 2nd VIX Futures Mid-Morning 3 Hour Indicative TWAP Value	358	VAFX0	Cboe November 2020 S&P Variance Futures Closing Price
326	TWBV3	Cboe 3rd VIX Futures Mid-Morning 3 Hour Indicative TWAP Value	359	VAFZ0	Cboe December 2020 S&P Variance Futures Closing Price
327	TWLV1	Cboe 1st VIX Futures Mid-Morning Indicative TWAP Value	360	VAFZ1	Cboe December 2021 S&P Variance Futures Closing Price
328	TWLV2	Cboe 2nd VIX Futures Mid-Morning Indicative TWAP Value	361	VBEEEM	Cboe VXEEM Bid Index
329	TWLV3	Cboe 3rd VIX Futures Mid-Morning Indicative TWAP Value	362	VFTW1	Cboe 1st Month VIX Futures 15 Minute EOD Indicative TWAP Value

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Cboe 2nd Month VIX Futures 15 Minute EOD Indicative

363	VFTW2	TWAP Value	417	VIX50W	Cboe VIX 50 Weekly Futures Index
364	VIF	Far Term S&P 500 Volatility Index	418	VIX51W	Cboe VIX 51 Weekly Futures Index
365	VIFMO	Cboe Far-Term VIXMO Index	419	VIX52W	Cboe VIX 52 Weekly Futures Index
366	VIN	Near Term S&P 500 Volatility Index	420	VIX6M	Cboe S&P 500 6-Month Volatility Index
367	VINMO	Cboe Near-Term VIXMO Index	421	VIX9D	Cboe S&P 500 9-Day Volatility Index
368	VINXE	Cboe SPX Near Term Expiry VIX Index	422	VIXAPR	Cboe VIX April Futures Index
369	VIX	Cboe Volatility Index	423	VIXAUG	Cboe VIX August Futures Index
370	VIX01W	Cboe VIX 01 Weekly Futures Index	424	VIXDEC	Cboe VIX December Futures Index
371	VIX02W	Cboe VIX 02 Weekly Futures Index	425	VIXFEB	Cboe VIX February Futures Index
372	VIX03W	Cboe VIX 03 Weekly Futures Index	426	VIXJAN	Cboe VIX January Futures Index
373	VIX04W	Cboe VIX 04 Weekly Futures Index	427	VIXJUL	Cboe VIX July Futures Index
374	VIX05W	Cboe VIX 05 Weekly Futures Index	428	VIXJUN	Cboe VIX Jun eFutures Index
375	VIX06W	Cboe VIX 06 Weekly Futures Index	429	VIXMAR	Cboe VIX March Futures Index
376	VIX07W	Cboe VIX 07 Weekly Futures Index	430	VIXMAY	Cboe VIX May Futures Index
377	VIX08W	Cboe VIX 08 Weekly Futures Index	431	VIXMO	Cboe Standard Monthly Only Volatility Index
378	VIX09W	Cboe VIX 09 Weekly Futures Index	432	VIXNOV	Cboe VIX November Futures Index
379	VIX10W	Cboe VIX 10 Weekly Futures Index	433	VIXOCT	Cboe VIX October Futures Index
380	VIX11W	Cboe VIX 11 Weekly Futures Index	434	VIXSEP	Cboe VIX September Futures Index
381	VIX12W	Cboe VIX 12 Weekly Futures Index	435	VPD	Cboe VIX Premium Strategy Index
382	VIX13W	Cboe VIX 13 Weekly Futures Index	436	VPN	Cboe Capped VIX Premium Strategy Index
383	VIX14W	Cboe VIX 14 Weekly Futures Index	437	VRO	Cboe Volatility Index Settlement Value
384	VIX15W	Cboe VIX 15 Weekly Futures Index	438	VSTF	Cboe SPX Far-Term VXST Index
385	VIX17W	Cboe VIX 17 Weekly Futures Index	439	VSTG	Cboe VIX Strangle Index
386	VIX18W	Cboe VIX 18 Weekly Futures Index	440	VSTN	Cboe SPX Near-Term VXST Index
387	VIX19W	Cboe VIX 19 Weekly Futures Index	441	VVIX	VVIX Index
388	VIX1Y	Cboe S&P 500 One-Year Volatility Index	442	VW1VX	Cboe Near-Term VIX Future Contract 2 Minute VWAP
389	VIX21W	Cboe VIX 21 Weekly Futures Index	443	VW2VX	Cboe Second-Term VIX Future Contract 2 Minute VWAP
390	VIX22W	Cboe VIX 22 Weekly Futures Index	444	VW3VX	Cboe Third-Term VIX Future Contract 2 Minute VWAP
391	VIX23W	Cboe VIX 23 Weekly Futures Index	445	VWA	Cboe Market Volatility SPX Offer Price
392	VIX24W	Cboe VIX 24 Weekly Futures Index	446	VWB	Cboe Market Volatility SPX Bid Price
393	VIX25W	Cboe VIX 25 Weekly Futures Index	447	VXIND1	Cboe VX Futures 1st Near-Term Month Indicative Daily Settlement Value
394	VIX26W	Cboe VIX 26 Weekly Futures Index	448	VX15TW1	Cboe 1st VIX Futures 15 Minute Indicative TWAP Midpoint Value
395	VIX27W	Cboe VIX 27 Weekly Futures Index	449	VX15TW1A	Cboe 1st VIX Futures 15 Minute Indicative TWAP Ask Value
396	VIX28W	Cboe VIX 28 Weekly Futures Index	450	VX15TW1B	Cboe 1st VIX Futures 15 Minute Indicative TWAP Bid Value
397	VIX30W	Cboe VIX 30 Weekly Futures Index	451	VX15TW2	Cboe 2nd VIX Futures 15 Minute Indicative TWAP Midpoint Value
398	VIX31W	Cboe VIX 31 Weekly Futures Index	452	VX15TW2A	Cboe 2nd VIX Futures 15 Minute Indicative TWAP Ask Value
399	VIX32W	Cboe VIX 32 Weekly Futures Index	453	VX15TW2B	Cboe 2nd VIX Futures 15 Minute Indicative TWAP Bid Value
400	VIX33W	Cboe VIX 33 Weekly Futures Index	454	VX1YA	Cboe VIX1Y Indicative Ask
401	VIX34W	Cboe VIX 34 Weekly Futures Index	455	VX1YB	Cboe VIX1Y Indicative Bid
402	VIX35W	Cboe VIX 35 Weekly Futures Index	456	VX1YF	Cboe Far-Term VIX1Y
403	VIX36W	Cboe VIX 36 Weekly Futures Index	457	VX1YN	Cboe Near-Term VIX1Y
404	VIX37W	Cboe VIX 37 Weekly Futures Index	458	VXIND2	Cboe VX Futures 2nd Near-Term Month Indicative Daily Settlement Value
405	VIX38W	Cboe VIX 38 Weekly Futures Index	459	VXIND3	Cboe VX Futures 3rd Near-Term Month Indicative Daily Settlement Value
406	VIX39W	Cboe VIX 39 Weekly Futures Index	460	VX3MN	Cboe Near-Term VIX3M
407	VIX3M	Cboe S&P 500 3 Month Volatility Index	461	VXAPL	Cboe Apple VIX
408	VIX40W	Cboe VIX 40 Weekly Futures Index	462	VXAZN	Cboe Amazon VIX
409	VIX41W	Cboe VIX 41 Weekly Futures Index	463	VXB	Jumbo Cboe Volatility
410	VIX43W	Cboe VIX 43 Weekly Futures Index	464	VXD	DJIA Volatility
411	VIX44W	Cboe VIX 44 Weekly Futures Index	465	VXDEC	Cboe S&P 500 December Volatility Index
412	VIX45W	Cboe VIX 45 Weekly Futures Index	466	VXEEM	Cboe Emerging Markets ETF Volatility Index
413	VIX46W	Cboe VIX 46 Weekly Futures Index	467	VXEFA	Cboe EFA ETF Volatility Index
414	VIX47W	Cboe VIX 47 Weekly Futures Index	468	VXEWS	Cboe Brazil ETF Volatility Index
415	VIX48W	Cboe VIX 48 Weekly Futures Index	469	VXFWA	VOL Index First Implied Volatility
416	VIX49W	Cboe VIX 49 Weekly Futures Index	470	VXFWB	VOL Index Second Forward Implied Volatility

Continued

471	VXFXI	Cboe China ETF Volatility Index	529	SIXT	Technology Select Sector Index
472	VXGDX	Cboe Gold Miners ETF Volatility Index	530	SIXU	Utilities Select Sector Index
473	VXGOG	Cboe Google VIX	531	SIXV	Health Select Sector Index
474	VXGS	Cboe Goldman Sachs VIX	532	SIXY	Consumer Discretionary Select Sector Index
475	VXHYG	Cboe High Yield Corporate Bond ETF Volatility Index	533	SPDVXE	S&P 500 Dynamic VIX Futures ER
476	VXIBM	Cboe IBM VIX	534	SPDVXT	S&P 500 Dynamic VIX Futures TR
477	VXJUN	Cboe S&P 500 June Volatility Index	535	SPESG	S&P 500 ESG Index
478	VXMAR	Cboe S&P 500 March Volatility Index	536	SPVXEP	S&P 500 VIX Futures Enhanced Roll Index ER
479	VXN	Cboe Nasdaq-100 Volatility Index	537	SPVXET	S&P 500 VIX Futures Enhanced Roll Index TR
480	VXO	Cboe OEX Implied Volatility	538	SPX	Standard & Poor's 500
481	VXS	Cboe Volatility Index Options Settlement Value	539	XEO	Standard & Poor's 100 (European)
482	VXSEP	Cboe S&P 500 September Volatility Index	540	XSP	Mini Standard & Poor's 500
483	VXSLV	Cboe Silver ETF Volatility Index	541	XSPAM	Mini SPX Index (AM Settlement)
484	VXTA1	Cboe 1st VIX Futures TAS Ask Price Index			
485	VXTA2	Cboe 2nd VIX Futures TAS Ask Price Index			
486	VXTA3	Cboe 3rd VIX Futures TAS Ask Price Index			
487	VXTB1	Cboe 1st VIX Futures TAS Bid Price Index			
488	VXTB2	Cboe 2nd VIX Futures TAS Bid Price Index			
489	VXTB3	Cboe 3rd VIX Futures TAS Bid Price Index			
490	VXTH	Cboe VIX Tail Hedge Index			
491	VXTLT	Cboe 20+ Year Treasury Bond ETF Volatility Index			
492	VXW3	Cboe SPX Week 3 Strip Expiration VIX Index			
493	VXW4	Cboe SPX Week 4 Strip Expiration VIX Index			
494	VXW5	Cboe SPX Week 5 Strip Expiration VIX Index			
495	VXW6	Cboe SPX Week 6 Strip Expiration VIX Index			
496	VXXLE	Cboe Energy Sector ETF Volatility Index			
497	WPUT	Cboe S&P 500 One-Week PutWrite Index			
498	XSM	S&P 600 Settlement			
499	XSR	S&P 500 Settlement Reduced			

Societe Generale (Included in CSMI Main)

500	DLVIX	Dynamic Long VIX Futures Index
501	DSVIER	Dynamic Short VIX Futures Index - Excess Return
502	DSVIX	Dynamic Short VIX Futures Index

Standard and Poor's (Included in CSMI Main)

503	CEX	Standard & Poor's Chemicals Index
504	DJR	Dow Jones Equity REIT Index
505	DJX	DJIA 1/100th
506	DTX	DJTA 1/10th
507	DUX	DJUA
508	DVS	S&P 500 Dividend Index - 10X
509	ECM	Dow Jones Internet Commerce
510	OEX	Standard & Poor's 100
511	SISB	Materials Select Sector Index Settlement Value
512	SISC	Communication Services Select Sector Index Settlement
513	SISE	Energy Select Sector Index Settlement Value
514	SISIN	Industrials Select Sector Index Settlement Value
515	SISM	Financial Select Sector Index Settlement Value
516	SISR	Consumer Staples Select Sector Index Settlement Value
517	SISRE	Real Estate Select Sector Index Settlement Value
518	SIST	Technology Select Sector Index
519	SISUT	Utilities Select Sector Index Settlement Value
520	SISV	Health Select Sector Index Settlement Value
		Consumer Discretionary Select Sector Index Settlement
521	SISY	Value
522	SIXB	Materials Select Sector Index
523	SIXC	Communication Services Select Sector Index
524	SIXE	Energy Select Sector Index
525	SIXI	Industrials Select Sector Index
526	SIXM	Financial Select Sector Index
527	SIXR	Consumer Staples Select Sector Index
528	SIXRE	Real Estate Select Sector Index



Cboe Streaming Market Indices as of April 1, 2021

FTSE Russell Channel

1	BXR	Cboe Russell 2000 BuyWrite
2	BXRC	Cboe Russell 2000 Conditional BuyWrite Index
3	BXRD	Cboe Russell 2000 30-Delta BuyWrite Index
4	BXRT	Cboe Russell 2000 30-Delta BuyWrite V2 Index
5	CLLR	Cboe Russell 2000 Zero-Cost Put Spread Collar Index
6	EMS	FTSE Emerging Index Option Settlement Price
7	MRLS	Mini-Russell 2000 Index (AM Settlement)
8	MRUT	Mini-Russell 2000 Index
9	PUTR	Cboe Russell 2000 PutWrite Index
10	RIR	Russell 1000 Index Settlement Value
11	RLR	Russell 1000 Growth Index Settlement Value
12	RLS	Russell 2000 Index Settlement Value
13	RSL	Cboe Russell 2000 Volatility Index Settlement Price
14	RUI	Russell 1000 Index
15	RVS	Russell 1000 Value Index Settlement Value
16	RVX	Cboe Russell 2000 Volatility
17	UKS	FTSE 100 Mini Index Settlement Value
18	WPTR	Cboe Russell 2000 One-Week PutWrite Index

CCCY Channel

1	BCHUSD1	Cboe 1 Bitcoin Cash / USD RealPrice
2	BCHUSD10	Cboe 10 Bitcoin Cash / USD RealPrice
3	BCHUSD100	Cboe 100 Bitcoin Cash / USD RealPrice
4	BCHUSD20	Cboe 20 Bitcoin Cash / USD RealPrice
5	BCHUSD40	Cboe 40 Bitcoin Cash / USD RealPrice
6	BCHUSD5	Cboe 5 Bitcoin Cash / USD RealPrice
7	BTCUSD1	Cboe 1 Bitcoin / USD RealPrice
8	BTCUSD10	Cboe 10 Bitcoin / USD RealPrice
9	BTCUSD20	Cboe 20 Bitcoin / USD RealPrice
10	BTCUSD20P	Cboe 0.2 Bitcoin / USD RealPrice
11	BTCUSD5	Cboe 5 Bitcoin / USD RealPrice
12	DOTUSD1000	Cboe 1000 Polkadot / USD RealPrice
13	DOTUSD10000	Cboe 10000 Polkadot / USD RealPrice
14	DOTUSD250	Cboe 250 Polkadot / USD RealPrice
15	DOTUSD2500	Cboe 2500 Polkadot / USD RealPrice
16	DOTUSD5000	Cboe 5000 Polkadot / USD RealPrice
17	ETHUSD100	Cboe 100 Ethereum / USD RealPrice
18	ETHUSD20	Cboe 20 Ethereum / USD RealPrice
19	ETHUSD200	Cboe 200 Ethereum / USD RealPrice
20	ETHUSD400	Cboe 400 Ethereum / USD RealPrice
21	ETHUSD5	Cboe 5 Ethereum / USD RealPrice
22	ETHUSD50	Cboe 50 Ethereum / USD RealPrice
23	GXBT	Gemini Bitcoin Trade Price
24	GXET	Gemini Ethereum Trade Price
25	LINKUSD100	Cboe 100 Chainlink / USD RealPrice
26	LINKUSD1000	Cboe 1000 Chainlink / USD RealPrice
27	LINKUSD500	Cboe 500 Chainlink / USD RealPrice
28	LTCUSD10	Cboe 10 Litecoin / USD RealPrice
29	LTCUSD100	Cboe 100 Litecoin / USD RealPrice
30	LTCUSD200	Cboe 200 Litecoin / USD RealPrice
31	LTCUSD25	Cboe 25 Litecoin / USD RealPrice
32	LTCUSD5	Cboe 5 Litecoin / USD RealPrice
33	LTCUSD50	Cboe 50 Litecoin / USD RealPrice
34	XBTIQ	Gemini 4 pm Bitcoin Auction Indicative Price
35	XBTIS	Gemini 4 pm Bitcoin Auction Indicative Price
36	XBTS	Gemini 4 pm Bitcoin Auction Price

INAV Channel

1	APRZIV	TrueShares Structured Outcome (April) ETF Intraday Indicative Value
2	AUGZIV	TrueShares Structured Outcome (August) ETF Intraday Indicative Value
3	AZAAIV	AllianzIM U.S. Large Cap Buffer10 Apr ETF Intraday Indicative Value
4	AZAJIV	AllianzIM U.S. Large Cap Buffer10 Jan ETF Intraday Indicative Value
5	AZALIV	AllianzIM U.S. Large Cap Buffer10 Jul ETF Intraday Indicative Value
6	AZAOIV	AllianzIM U.S. Large Cap Buffer10 Oct ETF Intraday Indicative Value
7	AZBAIV	AllianzIM U.S. Large Cap Buffer20 Apr ETF Intraday Indicative Value
8	AZBJIV	AllianzIM U.S. Large Cap Buffer20 Jan ETF Intraday Indicative Value
9	AZBLIV	AllianzIM U.S. Large Cap Buffer20 Jul ETF Intraday Indicative Value
10	AZBOIV	AllianzIM U.S. Large Cap Buffer20 Oct ETF Intraday Indicative Value
11	BAPRIV	Innovator S&P 500 Buffer ETF April Intraday Indicative Value
12	BAUGIV	Innovator S&P 500 Buffer ETF August Intraday Indicative Value
13	BDECIV	Innovator S&P 500 Buffer ETF December Intraday Indicative Value
14	BFEBIV	Innovator S&P 500 Buffer ETF February Intraday Indicative Value
15	BJANIV	Innovator S&P 500 Buffer ETF January Intraday Indicative Value
16	BJULIV	Innovator S&P 500 Buffer ETF July Intraday Indicative Value
17	BJUNIV	Innovator S&P 500 Buffer ETF June Intraday Indicative Value
18	BMARIV	Innovator S&P Buffer ETF March Intraday Indicative Value
19	BMAYIV	Innovator S&P 500 Buffer ETF May Intraday Indicative Value
20	BNOVIV	Innovator S&P 500 Buffer ETF November Intraday Indicative Value
21	BOCTIV	Innovator S&P 500 Buffer ETF October Intraday Indicative Value
22	BSEPIV	Innovator S&P 500 Buffer ETF September Intraday Indicative Value
23	DAUGIV	FT Cboe Vest U.S. Equity Deep Buffer ETF August Intraday Indicative Value
24	DBJAIV	Innovator Double Stacker 9 Buffer ETF January Intraday Indicative Value
25	DBOCIV	Innovator Double Stacker 9 Buffer ETF October Intraday Indicative Value
26	DECZIV	TrueShares Structured Outcome (December) ETF Intraday Indicative Value
27	DEFBIV	FT Cboe Vest U.S. Equity Deep Buffer ETF February Intraday Indicative Value
28	DGLDIV	VelocityShares 3x Inverse Gold ETN Intraday Indicative Value
29	DJULIV	FT Cboe Vest U.S. Equity Deep Buffer ETF July Intraday Indicative Value
30	DJUNIV	FT Cboe Vest U.S. Equity Deep Buffer ETF June Intraday Indicative Value
31	DMAYIV	FT Cboe Vest U.S. Equity Deep Buffer ETF May Intraday Indicative Value
32	DNOVIV	FT Cboe Vest U.S. Equity Deep Buffer ETF November Intraday Indicative Value
33	DOCTIV	FT Cboe Vest U.S. Equity Deep Buffer ETF October Intraday Indicative Value
34	DSEPIV	FT Cboe Vest U.S. Equity Deep Buffer ETF September Intraday Indicative Value
35	DSJAIV	Innovator Double Stacker ETF January Intraday Indicative Value
36	DSLIV	VelocityShares 3x Inverse Silver ETN Intraday Indicative Value
37	DSOCIV	Innovator Double Stacker ETF October Intraday Indicative Value
38	EAPRIV	Innovator MSCI Emerging Markets Power Buffer ETF April Intraday Indicative Value
39	EJANIV	Innovator MSCI Emerging Markets Power Buffer ETF January Intraday Indicative Value
40	EJULIV	Innovator MSCI Emerging Markets Power Buffer ETF July Intraday Indicative Value
41	EOCTIV	Innovator MSCI Emerging Markets Power Buffer ETF October Intraday Indicative Value
42	FAUGIV	FT Cboe Vest U.S. Equity Buffer ETF August Intraday Indicative Value
43	FEBZIV	TrueShares Structured Outcome (February) ETF Intraday Indicative Value
44	FFEBIV	FT Cboe Vest U.S. Equity Buffer ETF February Intraday Indicative Value
45	FJULIV	FT Cboe Vest U.S. Equity Buffer ETF July Intraday Indicative Value
46	FJUNIV	FT Cboe Vest U.S. Equity Buffer ETF June Intraday Indicative Value
47	FMAYIV	FT Cboe Vest U.S. Equity Buffer ETF May Intraday Indicative Value
48	FNOVIV	FT Cboe Vest U.S. Equity Buffer ETF November Intraday Indicative Value
49	FOCTIV	FT Cboe Vest U.S. Equity Buffer ETF October Intraday Indicative Value
50	FSEPIV	FT Cboe Vest U.S. Equity Buffer ETF September Intraday Indicative Value
51	HEGDIV	Swan Hedged Equity US Large Cap ETF Intraday Indicative Value
52	IAPRIV	Innovator MSCI EAFE Power Buffer ETF April Intraday Indicative Value
53	IJANIV	Innovator MSCI EAFE Power Buffer ETF January Intraday Indicative Value
54	IJULIV	Innovator MSCI EAFE Power Buffer ETF July Intraday Indicative Value
55	IOCTIV	Innovator MSCI EAFE Power Buffer ETF October Intraday Indicative Value
56	JANZIV	TrueShares Structured Outcome (January) ETF Intraday Indicative Value
57	JULZIV	TrueShares Structured Outcome (July) ETF Intraday Indicative Value
58	KAPRIV	Innovator Russell 2000 Power Buffer ETF April Intraday Indicative Value
59	KJANIV	Innovator Russell 2000 Power Buffer ETF January Intraday Indicative Value
58	KJULIV	Innovator Russell 2000 Power Buffer ETF July Intraday Indicative Value
59	KOCTIV	Innovator Russell 2000 Power Buffer ETF October Intraday Indicative Value
60	MARZIV	TrueShares Structured Outcome (March) ETF Intraday Indicative Value
59	MNV	Invesco S&P 500 BuyWrite ETF-INAV
60	NAPRIV	Innovator Nasdaq-100 Power Buffer ETF April Intraday Indicative Value
61	NJANIV	Innovator Nasdaq-100 Power Buffer ETF January Intraday Indicative Value

Continued

60	NJULIV	Innovator Nasdaq-100 Power Buffer ETF July Intraday Indicative Value
61	NOCTIV	Innovator Nasdaq-100 Power Buffer ETF October Intraday Indicative Value
62	NVMZIV	TrueShares Structured Outcome (November) ETF Intraday Indicative Value
63	OCTZIV	TrueShares Structured Outcome (October) ETF Intraday Indicative Value
64	PAMYIV	Innovator S&P 500 Power Buffer ETF May Intraday Indicative Value
65	PAPRIV	Innovator S&P 500 Power Buffer ETF April Intraday Indicative Value
66	PAUGIV	Innovator S&P 500 Power Buffer ETF August Intraday Indicative Value
67	PDECIV	Innovator S&P 500 Power Buffer ETF December Intraday Indicative Value
68	PFEBIV	Innovator S&P 500 Power Buffer ETF February Intraday Indicative Value
69	PJANIV	Innovator S&P 500 Power Buffer ETF January Intraday Indicative Value
70	PJULIV	Innovator S&P 500 Power Buffer ETF July Intraday Indicative Value
71	PJUNIV	Innovator S&P 500 Power Buffer ETF June Intraday Indicative Value
72	PMARIV	Innovator S&P Power Buffer ETF March Intraday Indicative Value
73	PNOVIV	Innovator S&P 500 Power Buffer ETF November Intraday Indicative Value
74	POCTIV	Innovator S&P 500 Power Buffer ETF October Intraday Indicative Value
75	PSCWIV	Pacer Swan SOS Conservative (April) ETF Intraday Indicative Value
76	PSCXIV	Pacer Swan SOS Conservative (December) ETF Intraday Indicative Value
77	PSEPIV	Innovator S&P 500 Power Buffer ETF September Intraday Indicative Value
78	PSFDIV	Pacer Swan SOS Flex (December) ETF Intraday Indicative Value
79	PSFFIV	Pacer Swan SOS Fund of Funds ETF Intraday Indicative Value
80	PSFMIV	Pacer Swan SOS Flex (April) ETF Intraday Indicative Value
81	PSMDIV	Pacer Swan SOS Moderate (December) ETF Intraday Indicative Value
82	PSMRIV	Pacer Swan SOS Moderate (April) ETF Intraday Indicative Value
83	QTAPIV	Innovator Growth-100 Accelerated Plus ETF April Intraday Indicative Value
84	QYLGIV	Global X Nasdaq 100 Covered Call & Growth ETF Intraday Indicative Value
85	SEPZIV	TrueShares Structured Outcome (September) ETF Intraday Indicative Value
86	SVIXIV	-1x Short VIX Futures RTF - Intraday Indicative Value
87	TBJLIV	Innovator 20+ Year Treasury Bond 9 Buffer ETF - July Intraday Indicative Value
88	TFJLIV	Innovator 20+ Year Treasury Bond 5 Floor ETF - July Intraday Indicative Value
89	TSJAIV	Innovator Triple Stacker ETF January Intraday Indicative Value
90	TSOCIV	Innovator Triple Stacker ETF October Intraday Indicative Value
91	TVIXIV	VelocityShares Daily 2x VIX Short-Term ETN Intraday Indicative Value
92	UAPRIV	Innovator S&P 500 Ultra ETF April Intraday Indicative Value
93	UAUGIV	Innovator S&P 500 Ultra Buffer ETF August Intraday Indicative Value
94	UDECIV	Innovator S&P 500 Ultra Buffer ETF December Intraday Indicative Value
95	UFEBIV	Innovator S&P 500 Ultra Buffer ETF February Intraday Indicative Value
96	UGAZIV	VelocityShares 3x Long Natural Gas ETN Intraday Indicative Value
97	UGLDIV	VelocityShares 3x Long Gold ETN Intraday Indicative Value
98	UJANIV	Innovator S&P 500 Ultra Buffer ETF January Intraday Value
99	UJULIV	Innovator S&P 500 Ultra Buffer ETF July Intraday Value
100	UJUNIV	Innovator S&P 500 Ultra Buffer ETF June Intraday Value
101	UMARIV	Innovator S&P Power Ultra ETF March Intraday Indicative Value
102	UMAYIV	Innovator S&P 500 Ultra Buffer ETF May Intraday Indicative Value
103	UNOVIV	Innovator S&P 500 Ultra Buffer ETF November Intraday Indicative Value
104	UOCTIV	Innovator S&P 500 Ultra Buffer ETF October Intraday Value
105	USEPIV	Innovator S&P 500 Ultra Buffer ETF September Intraday Indicative Value
106	USLVIV	VelocityShares 3x Long Silver ETN Intraday Indicative Value
107	VIIXIV	VelocityShares 2x VIX Short-Term ETN Intraday Indicative Value
108	XBAPIV	Innovator U.S. Equity Accelerated 9 Buffer ETF April Intraday Indicative Value
109	XDAPIV	Innovator U.S. Equity Accelerated ETF April Intraday Indicative Value
110	XDQQIV	Innovator Growth-100 Accelerated Plus ETF Quarterly Intraday Indicative Value
111	XDSQIV	Innovator U.S. Equity Accelerated ETF Quarterly Intraday Indicative Value
112	XTAPIV	Innovator U.S. Equity Accelerated Plus ETF April Intraday Indicative Value
113	XYLGIV	Global X S&P 500 Covered Call & Growth ETF Intraday Indicative Value
114	ZIVIV	VelocityShares Daily Inverse VIX Medium-Term ETN Intraday Indicative Value

MSCI Channel*(available only to Enterprise Fee Customers - please contact indexdata@cboe.com for information)*

1	BDEA	Cboe MSCI EAFE 20-Delta BuyWrite Index (on CSMI & MSCI channels)
2	BDEF	Cboe MSCI Emerging Markets 20-Delta BuyWrite Index (on CSMI & MSCI channels)
3	BFLYEA	Cboe MSCI EAFE Iron Butterfly Index (on CSMI Main & MSCI channels)
4	BFLYEF	Cboe MSCI Emerging Markets Iron Butterfly Condor (on CSMI Main & MSCI channels)
5	BXEA	Cboe MSCI EAFE BuyWrite Index (on CSMI & MSCI channels)
6	BXEF	Cboe MSCI Emerging Markets BuyWrite Index (on CSMI & MSCI channels)
7	BYEA	Cboe MSCI EAFE 2% OTM BuyWrite Index (on CSMI & MSCI channels)

Continued

8	BYEF	Cboe MSCI Emerging Markets 2% OTM BuyWrite Index (on CSMI & MSCI channels)
9	CMBOEA	Cboe MSCI EAFE Covered Combo Index (on CSMI Main & MSCI channels)
10	CMBOEF	Cboe MSCI Emerging Markets Covered Combo Index (on CSMI Main & MSCI channels)
11	CNDREA	Cboe MSCI EAFE Iron Condor Index (on CSMI Main & MSCI channels)
12	CNDREF	Cboe MSCI Emerging Markets Iron Condor Index (on CSMI Main & MSCI channels)
13	EFS	MXEF Option Settlement Value (on CSMI & MSCI channels)
14	MXEA	MSCI EAFE Index
15	MXEF	MSCI Emerging Markets Index
16	MXS	MXEA Option Settlement Value (on CSMI & MSCI channels)
17	PDEA	Cboe MSCI EAFE 20-Delta PutWrite Index (on CSMI & MSCI channels)
18	PDEF	Cboe MSCI Emerging Markets 20-Delta PutWrite Index (on CSMI & MSCI channels)
19	PPUTEA	Cboe MSCI EAFE 5% Put Protection Index (on CSMI Main & MSCI channels)
20	PPUTEF	Cboe MSCI Emerging Markets 5% Put Protection Index (on CSMI Main & MSCI channels)
21	PXEA	Cboe MSCI EAFE PutWrite Index (on CSMI & MSCI channels)
22	PXEF	Cboe MSCI Emerging Markets PutWrite Index (on CSMI & MSCI channels)
23	PYEA	Cboe MSCI EAFE 2% OTM PutWrite Index (on CSMI & MSCI channels)
24	PYEF	Cboe MSCI Emerging Markets 2% OTM PutWrite Index (on CSMI & MSCI channels)