



Cboe Global Indices as of June 1, 2023

Main Channel

1	AMBOR30	30 Day Average Ameribor® Rate	47	BXM	Cboe S&P 500 BuyWrite Index
2	AMBOR1M	Ameribor® 1 Month Spot Rate	48	BXMC	Cboe S&P 500 Conditional BuyWrite Index
3	AMBOR1W	Ameribor® 1 Week Spot Rate	49	BXMD	Cboe S&P 500 30-Delta BuyWrite Index
4	AMBOR1Y	Ameribor® 1 Year Spot Rate	50	BXMH	Cboe S&P 500 Half BuyWrite Index
5	AMBOR2Y	Ameribor® 2 Year Spot Rate	51	BXMU	Cboe S&P 500 BuyWrite 15% WHT
	AMBOR30T/				
6	AMT1M	Ameribor® Term-30 Rate	52	BXMVM	Cboe S&P 500 Volatility Managed BuyWrite Index
7	AMBOR3M	Ameribor® 3 Month Spot Rate	53	BXMW	Cboe S&P 500 Multi-Week BuyWrite Index
8	AMBOR6M	Ameribor® 6 Month Spot Rate	54	BXN	Cboe Nasdaq-100 BuyWrite Index
9	AMBOR90	90 Day Average Ameribor® Rate	55	BXNH	Cboe Nasdaq-100 Half BuyWrite V2 Index
	AMBOR90T/				
10	AMT3M	Ameribor® Term-90 Rate	56	BXNT	Cboe Nasdaq-100 BuyWrite V2 Index
11	AMBOS	One Month Ameribor® Average Settlement	57	BXNTU	Cboe Nasdaq-100 BuyWrite V2 UCITS Index
12	AMBOX	One Month Ameribor® Average Rate	58	BXRH	Cboe Russell 2000 Half BuyWrite Index
13	AMBR5	14 Day Ameribor® Average Settlement	59	BXTB	Cboe TLT 2% OTM BuyWrite Index
14	AMBRX	14 Day Ameribor® Average Rate	60	BXTW	Cboe 20+ Year Treasury Bond One-Week BuyWrite Index
15	AMBT5	Three Month Ameribor® Compound Average Settlement	61	BXY	Cboe S&P 500 BuyWrite 2% OTM
16	AMBTX	Three Month Ameribor® Compound Average Rate	62	BYB	Buywrite Index Nev
17	AMBWS	7 Day Ameribor® Average Settlement	63	BYC	Morgan Stanley 0% STARS Cboe S&P 500 BuyWrite Index
18	AMBW5	7 Day Ameribor® Average Rate	64	BYEA	MSCI channels)
19	AMERIBOR	Ameribor® Unsecured Overnight Rate	65	BYEF	CSMI Main & MSCI channels)
20	AMT1R	Ameribor® 30 Day Term Settlement Rate	66	CALD	Cboe Validus S&P 500 Dynamic Call BuyWrite Index
21	AMT1S	Ameribor® 30 Day Term Settlement Value	67	CDSPG	SPX Gamma Weighted Dispersion
22	AMT3R	Ameribor® 90 Day Term Settlement Rate	68	CDSPT	SPX Theta Weighted Dispersion
23	AMT3S	Ameribor® 90 Day Term Settlement Value	69	CDSPV	SPX Vega Weighted Dispersion
24	AVCHQYLD	Alpha Vee Quality Yield	70	CLL	Cboe Collar 95-110 Index
25	AVGRNTSP	Alpha Vee Green Transportation	71	CLL1M	Cboe S&P 500 Risk Managed Income Index
26	AVRMENEQ	Alpha Vee Risk Managed Enhanced US Equity	72	CLL3M	Cboe S&P 500 3-Month Collar 95-110 Index
		Alpha Vee Risk Managed Top 5 Sector Equities & Treasury			
27	AVT5EQTB	Bonds	73	CLLZ	Cboe S&P 500 Zero-Cost Put Spread Collar Index
28	AVT5ETTB	Alpha Vee Risk Managed Top 5 Sector ETFs & Treasuries	74	CMBO	Cboe S&P 500 Covered Combo Index
					Cboe MSCI EAFE Covered Combo Index (on CSMI Main & MSCI
29	AVT5SMID	Alpha Vee Risk Managed SMID Top 5 Sector Equities	75	CMBOEA	channels)
30	AVUSMEGA	Alpha Vee US Mega Cap	76	CMBOEF	CSMI Main & MSCI channels)
		Cboe MSCI EAFE 20-Delta BuyWrite Index (on CSMI Main &			
31	BDEA	MSCI channels)	77	CNDR	Cboe S&P 500 Iron Condor Index
		Cboe MSCI Emerging Markets 20-Delta BuyWrite Index (on			Cboe MSCI EAFE Iron Condor Index (on CSMI Main & MSCI
32	BDEF	CSMI Main & MSCI channels)	78	CNDREA	channels)
					Cboe MSCI Emerging Markets Iron Condor Index (on CSMI
33	BFLY	Cboe S&P 500 Iron Butterfly Index	79	CNDREF	Main & MSCI channels)
		Cboe MSCI EAFE Iron Butterfly Index (on CSMI Main & MSCI			
34	BFLYEA	channels)	80	COR1M	Cboe 1-Month Implied Correlation Index
		Cboe MSCI Emerging Markets Iron Butterfly Condor (on CSMI			
35	BFLYEF	Main & MSCI channels)	81	COR3M	Cboe 3-Month Implied Correlation Index
36	BSZ	Cboe S&P 500 Index Binary Options	82	COR6M	Cboe 6-Month Implied Correlation Index
37	BXD	Cboe DJIA BuyWrite Index	83	COR9M	Cboe 9-Month Implied Correlation Index
38	BXDE	DJIA Cboe BuyWrite V2 Index	84	COR1Y	Cboe 1-Year Implied Correlation Index
39	BXEA	Cboe MSCI EAFE BuyWrite Index (on CSMI Main & MSCI channel)	85	COR10D	Cboe 3-Month 10 Delta Implied Correlation Index
		Cboe MSCI Emerging Markets BuyWrite Index (on CSMI Main			
40	BXEF	& MSCI channel)	86	COR30D	Cboe 3-Month 30 Delta Implied Correlation Index
41	BXESG	Cboe S&P 500 ESG BuyWrite Index	87	COR70D	Cboe 3-Month 70 Delta Implied Correlation Index
42	BXHB	Cboe HYG BuyWrite Index	88	COR90D	Cboe 3-Month 90 Delta Implied Correlation Index
43	BXLB	Cboe LQD BuyWrite Index			
44	BXLFH	Cboe S&P Financials Select Scetor Half BuyWrite Index	89	CXU	U.S.- Europe-Japan Basket
45	BXLKH	Cboe S&P Technology Select Sector Half BuyWrite Index	90	DEY	Morgan Stanley STARS Dow Jones BuyWrite Index
					Morgan Stanley Targeted Income STARS Dow Jones
46	BXLVH	Cboe S&P Healh Care Select Sector Half BuyWrite Index	91	DIB	BuyWrite Index

Continued					
92	DJS	DJX SOQ	133	IRX	Cboe Short-Term Interest Rate Index
93	DRVIX	Defined Risk Volatility Income Index			
94	DVS	S&P 500 Dividend Index 10X	134	ISWNXT	S-Network International BlackSwan Index
95	DXL	Cboe Jumbo DJX Index (1/10th)	135	LONGVOL	Long VIX Futures Index
96	EAVOL	Equity Armor Investments VOL 365 Index	136	LOVOL	Cboe Low Volatility Index
					Linden Thomas US Equity All-Cap Quality Growth 150
97	ECM	Dow Jones Internet Commerce	137	LTACQG	Index
					Linden Thomas US Equity All-Cap Quality Growth 150 Total
98	EFS	MXEF Option Settlement Value (on CSMI Main & MSCI channels)	138	LTACQGN	Return Index
					Linden Thomas US Equity All-Cap Quality Growth 150 Net
99	ESGST	Cboe ESG Options Settlement Symbol	139	LTACQGT	Total Return Index
100	ETT	Morgan Stanley STARS S&P 500 BuyWrite Index	140	LTQDLX	Linden Thomas Quality Dividends US Large-Cap Index
		Morgan Stanley Targeted Income STARS S&P 500 BuyWrite			Linden Thomas Quality Dividends US Large-Cap Net Total
101	ETZ	Index	141	LTQDLXN	Return Index
					Linden Thomas Quality Dividends US Large-Cap Total
102	EVZ	Cboe EuroCurrency Volatility Index	142	LTQDLXT	Return Index
103	FVX	Cboe 5 Year Treasury Yield Index	143	LTQDMX	Linden Thomas Quality Dividends US Mid-Cap Index
					Linden Thomas Quality Dividends US Mid-Cap Net Total
104	GAMMA	Realized Volatility Index	144	LTQDMXN	Return Index
					Linden Thomas Quality Dividends US Mid-Cap Total Return
105	GLDBUF	Cboe Gold 10% (-5% to -15%) Buffer Protect Index	145	LTQDMXT	Index
106	GLDPRO	Cboe Gold 10% Buffer Protect Index Balanced Series	146	LTQDSX	Linden Thomas Quality Dividends US Small-Cap Index
					Linden Thomas Quality Dividends US Small-Cap Net Total
107	GLDPRO01	Cboe Gold 10% Buffer Protect Index January Series	147	LTQDSXN	Return Index
					Linden Thomas Quality Dividends US Small-Cap Total
108	GLDPRO02	Cboe Gold 10% Buffer Protect Index February Series	148	LTQDSXT	Return Index
					The S-Network MicroSectors Gold Miners Total Return
109	GLDPRO03	Cboe Gold 10% Buffer Protect Index March Series	149	MINERS	Index (USD)
					The S-Network MicroSectors Gold Miners VWAP Index
110	GLDPRO04	Cboe Gold 10% Buffer Protect Index April Series	150	MINERSV	(USD)
111	GLDPRO05	Cboe Gold 10% Buffer Protect Index May Series	151	MSV	Cboe Morgan Stanley U.S. Portfolio Intrinsic Value Basket
					Morgan Stanley Style Select Japan Index Net Entitlement
112	GLDPRO06	Cboe Gold 10% Buffer Protect Index June Series	152	MSX	Value
					MXEA Option Settlement Value (on CSMI Main & MSCI
113	GLDPRO07	Cboe Gold 10% Buffer Protect Index July Series	153	MXS	channels)
114	GLDPRO08	Cboe Gold 10% Buffer Protect Index August Series	154	NANOS	Nanos S&P 500 Index
					Morgan Stanley STARS (NBXZ) Cboe Nasdaq-100 BuyWrite
115	GLDPRO09	Cboe Gold 10% Buffer Protect Index September Series	155	NHT	Index Nev
116	GLDPRO10	Cboe Gold 10% Buffer Protect Index October Series	156	OET	S&P 100 Flex Settlement Index
117	GLDPRO11	Cboe Gold 10% Buffer Protect Index November Series	157	OVX	Cboe Crude Oil Volatility Index
118	GLDPRO12	Cboe Gold 10% Buffer Protect Index December Series	158	PCJ	Citigroup BXM Pistons Net Investment Value
					Cboe MSCI EAFE 20-Delta PutWrite Index (on CSMI Main &
119	GLDTI	Cboe Gold Target Income Index Monthly Series	159	PDEA	MSCI channels)
					Cboe MSCI Emerging Markets 20-Delta PutWrite Index (on
120	GVZ	Cboe Gold ETF Volatility Index	160	PDEF	CSMI Main & MSCI channels)
121	IBHY	iBoxx iShares USD High Yield Corporate Bond Index	161	PPUT	Cboe S&P 500 5% Put Protection Index
122	IBIG	iBoxx iShares USD Investment Grade Corporate Bond Index	162	PPUT3M	Cboe S&P 500 Tail Risk Index
					Cboe MSCI EAFE 5% Put Protection Index (on CSMI Main &
123	IDB1TV	IDB IndexAmericas Stability Excess Return Index	163	PPUTEA	MSCI channels)
					Cboe MSCI Emerging Markets 5% Put Protection Index (on
124	IDB1TV	IDB IndexAmericas Stability Excess Return Index	164	PPUTEF	CSMI Main & MSCI channels)
125	IDB1TVG	IDB IndexAmericas Stability Gross Total Return Index	165	PTLT	Cboe 20+ Year Treasury Bond PutWrite Index
126	IDB1TVG	IDB IndexAmericas Stability Gross Total Return Index	166	PUT	Cboe PutWrite Index
127	IDB1TVP	IDB IndexAmericas Stability Index	167	PUTD	Cboe Validus S&P 500 Dynamic PutWrite Index
128	IDB1TVP	IDB IndexAmericas Stability Index	168	PUTVM	Cboe S&P 500 Volatility Managed PutWrite Index
129	IDB1TVT	IDB IndexAmericas Stability Total Return Index	169	PUTY	Cboe S&P 500 2% OTM Putwrite Index
130	IDB1TVT	IDB IndexAmericas Stability Total Return Index	170	PWT	Cboe S&P 500 PutWrite T-W Index
					Cboe MSCI EAFE PutWrite Index (on CSMI Main & MSCI
131	IDB50N	IDB IndexAmericas 50 Net Total Return Index	171	PXEA	channels)
					Cboe MSCI Emerging Markets PutWrite Index (on CSMI Main
132	IDBTVER	IDB IndexAmericas 50 Stability Excess Return Index	172	PXEF	& MSCI channels)

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173	PYEA	Cboe MSCI EAFE 2% OTM PutWrite Index (on CSMI Main & MSCI channels)	225	SP2BF10D	Cboe S&P 500 10% Buffered 25 December Index Series
174	PYEF	Cboe MSCI Emerging Markets 2% OTM PutWrite Index (on CSMI Main & MSCI channels)	226	SP2BF10F	Cboe S&P 500 10% Buffered 25 February Index Series
175	QSWNXT	The S-Network BlackSwan Tech & Treasury Index	227	SP2BF10G	Cboe S&P 500 10% Buffered 25 August Index Series
176	RON	UBS Return Optimization Index	228	SP2BF10J	Cboe S&P 500 10% Buffered 25 January Index Series
177	RPEN	Cboe Russell 2000 Enhanced Growth Balanced Series	229	SP2BF10L	Cboe S&P 500 10% Buffered 25 July Index Series
178	RPEN01	Cboe Russell 2000 Enhanced Growth Index January Series	230	SP2BF10M	Cboe S&P 500 10% Buffered 25 March Index Series
179	RPEN02	Cboe Russell 2000 Enhanced Growth Index February Series	231	SP2BF10N	Cboe S&P 500 10% Buffered 25 November Index Series
180	RPEN03	Cboe Russell 2000 Enhanced Growth Index March Series	232	SP2BF10O	Cboe S&P 500 10% Buffered 25 October Index Series
181	RPEN04	Cboe Russell 2000 Enhanced Growth Index April Series	233	SP2BF10S	Cboe S&P 500 10% Buffered 25 September Index Series
182	RPEN05	Cboe Russell 2000 Enhanced Growth Index May Series	234	SP2BF10U	Cboe S&P 500 10% Buffered 25 June Index Series
183	RPEN06	Cboe Russell 2000 Enhanced Growth Index June Series	235	SP2BF10Y	Cboe S&P 500 10% Buffered 25 May Index Series
184	RPEN07	Cboe Russell 2000 Enhanced Growth Index July Series	236	SP7BF10A	Cboe S&P 500 10% Buffered 75 April Index Series
185	RPEN08	Cboe Russell 2000 Enhanced Growth Index August Series	237	SP7BF10D	Cboe S&P 500 10% Buffered 75 December Index Series
186	RPEN09	Cboe Russell 2000 Enhanced Growth Index September Series	238	SP7BF10F	Cboe S&P 500 10% Buffered 75 February Index Series
187	RPEN10	Cboe Russell 2000 Enhanced Growth Index October Series	239	SP7BF10G	Cboe S&P 500 10% Buffered 75 August Index Series
188	RPEN11	Cboe Russell 2000 Enhanced Growth Index November Series	240	SP7BF10J	Cboe S&P 500 10% Buffered 75 January Index Series
189	RPEN12	Cboe Russell 2000 Enhanced Growth Index December Series	241	SP7BF10L	Cboe S&P 500 10% Buffered 75 July Index Series
190	RPRO	Cboe Russell 2000 Buffer Protect Index Balanced Series	242	SP7BF10M	Cboe S&P 500 10% Buffered 75 March Index Series
191	RPRO01	Cboe Russell 2000 Buffer Protect Index January Series	243	SP7BF10N	Cboe S&P 500 10% Buffered 75 November Index Series
192	RPRO02	Cboe Russell 2000 Buffer Protect Index February Series	244	SP7BF10O	Cboe S&P 500 10% Buffered 75 October Index Series
193	RPRO03	Cboe Russell 2000 Buffer Protect Index March Series	245	SP7BF10S	Cboe S&P 500 10% Buffered 75 September Index Series
194	RPRO04	Cboe Russell 2000 Buffer Protect Index April Series	246	SP7BF10U	Cboe S&P 500 10% Buffered 75 June Index Series
195	RPRO05	Cboe Russell 2000 Buffer Protect Index May Series	247	SP7BF10Y	Cboe S&P 500 10% Buffered 75 May Index Series
196	RPRO06	Cboe Russell 2000 Buffer Protect Index June Series	248	SPAI	Cboe S&P 500 Dividend Aristocrat Target Income Index Cboe S&P 500 Dividend Aristocrat Target Income Index
197	RPRO07	Cboe Russell 2000 Buffer Protect Index July Series	249	SPATI	Monthly Series Cboe S&P 500 15% WHT Quarterly 5% Buffer Protect
198	RPRO08	Cboe Russell 2000 Buffer Protect Index August Series	250	SPBFQ	Index Cboe S&P 500 15% WHT Quarterly 9% (-3% to -12%)
199	RPRO09	Cboe Russell 2000 Buffer Protect Index September Series	251	SPBNQ	Buffer Protect Index
200	RPRO10	Cboe Russell 2000 Buffer Protect Index October Series	252	SPBUF10A	Cboe S&P 500 10% Buffered April Index Series
201	RPRO11	Cboe Russell 2000 Buffer Protect Index November Series	253	SPBUF10D	Cboe S&P 500 10% Buffered December Index Series
202	RPRO12	Cboe Russell 2000 Buffer Protect Index December Series	254	SPBUF10F	Cboe S&P 500 10% Buffered February Index Series
203	RVOL	Cboe Realized Volatility Index	255	SPBUF10G	Cboe S&P 500 10% Buffered August Index Series
204	RVOL12M	Cboe 12-Month Realized Volatility Index	256	SPBUF10J	Cboe S&P 500 10% Buffered January Index Series
205	RVOL3M	Cboe 3-Month Realized Volatility Index	257	SPBUF10L	Cboe S&P 500 10% Buffered July Index Series
206	RVOL6M	Cboe 6-Month Realized Volatility Index	258	SPBUF10M	Cboe S&P 500 10% Buffered March Index Series
207	RXM	Cboe S&P 500 Risk Reversal Index	259	SPBUF10N	Cboe S&P 500 10% Buffered November Index Series
208	SET	S&P 500 Settlement Index	260	SPBUF10O	Cboe S&P 500 10% Buffered October Index Series
209	SHORTVOL	Short VIX Futures Index	261	SPBUF10S	Cboe S&P 500 10% Buffered September Index Series
210	SKEW	Cboe SKEW Index	262	SPBUF10U	Cboe S&P 500 10% Buffered June Index Series
211	SMILE	S&P 500 Smile Index	263	SPBUF10Y	Cboe S&P 500 10% Buffered May Index Series
212	SPOBF10A	Cboe S&P 500 10% Buffered Zero Apr Index Series	264	SPDVXE	S&P 500 Dynamic VIX Futures Index ER
213	SPOBF10D	Cboe S&P 500 10% Buffered Zero Dec Index Series	265	SPDVXT	S&P 500 Dynamic VIX Futures Index TR
214	SPOBF10F	Cboe S&P 500 10% Buffered Zero Feb Index Series	266	SPEN	Cboe S&P 500 Enhanced Growth Balanced Series
215	SPOBF10G	Cboe S&P 500 10% Buffered Zero Aug Index Series	267	SPEN01	Cboe S&P 500 Enhanced Growth January Series
216	SPOBF10J	Cboe S&P 500 10% Buffered Zero Jan Index Series	268	SPEN02	Cboe S&P 500 Enhanced Growth February Series
217	SPOBF10L	Cboe S&P 500 10% Buffered Zero Jul Index Series	269	SPEN03	Cboe S&P 500 Enhanced Growth March Series
218	SPOBF10M	Cboe S&P 500 10% Buffered Zero Mar Index Series	270	SPEN04	Cboe S&P 500 Enhanced Growth April Series
219	SPOBF10N	Cboe S&P 500 10% Buffered Zero Nov Index Series	271	SPEN05	Cboe S&P 500 Enhanced Growth May Series
220	SPOBF10O	Cboe S&P 500 10% Buffered Zero Oct Index Series	272	SPEN06	Cboe S&P 500 Enhanced Growth June Series
221	SPOBF10S	Cboe S&P 500 10% Buffered Zero Sep Index Series	273	SPEN07	Cboe S&P 500 Enhanced Growth July Series
222	SPOBF10U	Cboe S&P 500 10% Buffered Zero Jun Index Series	274	SPEN08	Cboe S&P 500 Enhanced Growth August Series
223	SPOBF10Y	Cboe S&P 500 10% Buffered Zero May Index Series	275	SPEN09	Cboe S&P 500 Enhanced Growth September Series
224	SP2BF10A	Cboe S&P 500 10% Buffered 25 April Index Series	276	SPEN10	Cboe S&P 500 Enhanced Growth October Series

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277	SPEN11	Cboe S&P 500 Enhanced Growth November Series	319	SPRO11	Cboe S&P 500 Buffer Protect Index November Series
278	SPEN12	Cboe S&P 500 Enhanced Growth December Series	320	SPRO12	Cboe S&P 500 Buffer Protect Index December Series
279	SPENME	Cboe S&P 500 Enhanced Growth Balanced Series	321	SPROME	Cboe S&P 500 Buffer Protect Index Balanced Series
280	SPENME01	Cboe S&P 500 Enhanced Growth Index January Series	322	SPROME01	Cboe S&P 500 Buffer Protect Index January Series
281	SPENME02	Cboe S&P 500 Enhanced Growth Index February Series	323	SPROME02	Cboe S&P 500 Buffer Protect Index February Series
282	SPENME03	Cboe S&P 500 Enhanced Growth Index March Series	324	SPROME03	Cboe S&P 500 Buffer Protect Index March Series
283	SPENME04	Cboe S&P 500 Enhanced Growth Index April Series	325	SPROME04	Cboe S&P 500 Buffer Protect Index April Series
284	SPENME05	Cboe S&P 500 Enhanced Growth Index May Series	326	SPROME05	Cboe S&P 500 Buffer Protect Index May Series
285	SPENME06	Cboe S&P 500 Enhanced Growth Index June Series	327	SPROME06	Cboe S&P 500 Buffer Protect Index June Series
286	SPENME07	Cboe S&P 500 Enhanced Growth Index July Series	328	SPROME07	Cboe S&P 500 Buffer Protect Index July Series
287	SPENME08	Cboe S&P 500 Enhanced Growth Index August Series	329	SPROME08	Cboe S&P 500 Buffer Protect Index August Series
288	SPENME09	Cboe S&P 500 Enhanced Growth Index September Series	330	SPROME09	Cboe S&P 500 Buffer Protect Index September Series
289	SPENME10	Cboe S&P 500 Enhanced Growth Index October Series	331	SPROME10	Cboe S&P 500 Buffer Protect Index October Series
290	SPENME11	Cboe S&P 500 Enhanced Growth Index November Series	332	SPROME11	Cboe S&P 500 Buffer Protect Index November Series
291	SPENME12	Cboe S&P 500 Enhanced Growth Index December Series	333	SPROME12	Cboe S&P 500 Buffer Protect Index December Series
292	SPJGBV	S&P/JPX JGB VIX	334	SPRS01	Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index January Series
293	SPJGBVRT	S&P/JPX JGB VIX Real-Time	335	SPRS04	Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index April Series
294	SPRF	Cboe S&P 500 15% Buffer Protect Index Balanced Series	336	SPRS07	Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index Series
295	SPRF01	Cboe S&P 500 15% Buffer Protect Index January Series	337	SPRS10	Cboe S&P 500 30% (-5% to -35%) Buffer Protect Index October Series
296	SPRF02	Cboe S&P 500 15% Buffer Protect Index February Series	338	SPVXEP	S&P 500 VIX Futures Enhanced Roll Index ER
297	SPRF03	Cboe S&P 500 15% Buffer Protect Index March Series	339	SPVXET	S&P 500 VIX Futures Enhanced Roll Index TR
298	SPRF04	Cboe S&P 500 15% Buffer Protect Index April Series	340	SRO	S&P 500 Range Option Underlying Index Cboe S&P 500 4% OTM Short Strangle Index (with KRW 3 month Certificate of Deposit)
299	SPRF05	Cboe S&P 500 15% Buffer Protect Index May Series	341	SSTGK	Cboe S&P Enhance and Buffer Index
300	SPRF06	Cboe S&P 500 15% Buffer Protect Index June Series	342	SUPDN	
301	SPRF07	Cboe S&P 500 15% Buffer Protect Index July Series	343	SVRO	Cboe S&P 500 Short-Term Volatility Index Settlement Price Cboe S&P 500 Market-Neutral Volatility Risk Premia Optimized Index
302	SPRF08	Cboe S&P 500 15% Buffer Protect Index August Series	344	SVRPO	
303	SPRF09	Cboe S&P 500 15% Buffer Protect Index September Series	345	SWANXT	ARGI BlackSwan Core Index Cboe 20+ Year Treasury 10% Buffer Protect Index Balanced Series
304	SPRF10	Cboe S&P 500 15% Buffer Protect Index October Series	346	TLTPRO	Cboe 20+ Year Treasury 10% Buffer Protect Index January Series
305	SPRF11	Cboe S&P 500 15% Buffer Protect Index November Series	347	TLTPRO01	Cboe 20+ Year Treasury 10% Buffer Protect Index February Series
306	SPRF12	Cboe S&P 500 15% Buffer Protect Index December Series	348	TLTPRO02	Cboe 20+ Year Treasury 10% Buffer Protect Index March Series
307	SPRI	Cboe S&P 500 Range Bound Premium Income Index	349	TLTPRO03	Cboe 20+ Year Treasury 10% Buffer Protect Index April Series
308	SPRO	Cboe S&P 500 Buffer Protect Index Balanced Series	350	TLTPRO04	Cboe 20+ Year Treasury 10% Buffer Protect Index May Series
309	SPRO01	Cboe S&P 500 Buffer Protect Index January Series	351	TLTPRO05	Cboe 20+ Year Treasury 10% Buffer Protect Index June Series
310	SPRO02	Cboe S&P 500 Buffer Protect Index February Series	352	TLTPRO06	Cboe 20+ Year Treasury 10% Buffer Protect Index July Series
311	SPRO03	Cboe S&P 500 Buffer Protect Index March Series	353	TLTPRO07	Cboe 20+ Year Treasury 10% Buffer Protect Index August Series
312	SPRO04	Cboe S&P 500 Buffer Protect Index April Series	354	TLTPRO08	Cboe 20+ Year Treasury 10% Buffer Protect Index September Series
313	SPRO05	Cboe S&P 500 Buffer Protect Index May Series	355	TLTPRO09	Cboe 20+ Year Treasury 10% Buffer Protect Index October Series
314	SPRO06	Cboe S&P 500 Buffer Protect Index June Series	356	TLTPRO10	Cboe 20+ Year Treasury 10% Buffer Protect Index November Series
315	SPRO07	Cboe S&P 500 Buffer Protect Index July Series	357	TLTPRO11	Cboe 20+ Year Treasury 10% Buffer Protect Index December Series
316	SPRO08	Cboe S&P 500 Buffer Protect Index August Series	358	TLTPRO12	
317	SPRO09	Cboe S&P 500 Buffer Protect Index September Series	359	TNX	Cboe Interest Rate 10 Year T Note Cboe 1st VIX Futures Mid-Morning 15 minute Indicative TWAP Value
318	SPRO10	Cboe S&P 500 Buffer Protect Index October Series	360	TWAV1	

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361	TWAV2	Cboe 2nd VIX Futures Mid-Morning 15 Minute Indicative TWAP Value	411	VIXMO	CBOE Standard Monthly Only 30-day Volatility Index
362	TWAV3	Cboe 3rd VIX Futures Mid-Morning 15 Minute Indicative TWAP Value	412	VPD	Cboe VIX Premium Strategy Index
363	TWBV1	Cboe 1st VIX Futures Mid-Morning 3 Hour Indicative TWAP Value	413	VPN	Cboe Capped VIX Premium Strategy Index
364	TWBV2	Cboe 2nd VIX Futures Mid-Morning 3 Hour Indicative TWAP Value	414	VRO	Cboe Volatility Index Settlement Value
365	TWBV3	Cboe 3rd VIX Futures Mid-Morning 3 Hour Indicative TWAP Value	415	VSTF	CBOE S&P 500 Far-Term 9-Day Volatility Index
366	TWLV1	Cboe 1st VIX Futures Mid-Morning Indicative TWAP Value	416	VSTG	Cboe VIX Strangle Index
367	TWLV2	Cboe 2nd VIX Futures Mid-Morning Indicative TWAP Value	417	VSTN	CBOE S&P 500 Near-Term 9-Day Volatility Index
368	TWLV3	Cboe 3rd VIX Futures Mid-Morning Indicative TWAP Value	418	VVIX	VVIX Index
369	TWLV4	Cboe 4th VIX Futures Mid-Morning Indicative TWAP Value	419	VW1VX	Cboe Near-Term VIX Future Contract 2 Minute VWAP
370	TWLV5	Cboe 5th VIX Futures Mid-Morning Indicative TWAP Value	420	VW2VX	Cboe Second-Term VIX Future Contract 2 Minute VWAP
371	TWLV6	Cboe 6th VIX Futures Mid-Morning Indicative TWAP Value	421	VW3VX	Cboe Third-Term VIX Future Contract 2 Minute VWAP
372	TWLV7	Cboe 7th VIX Futures Mid-Morning Indicative TWAP Value	422	VWA	Cboe Market Volatility SPX Offer Price
373	TWLV8	Cboe 8th VIX Futures Mid-Morning Indicative TWAP Value	423	VWB	Cboe Market Volatility SPX Bid Price
374	TWLV9	Cboe 9th VIX Futures Mid-Morning Indicative TWAP Value	424	VX15TW1	Value
375	TYX	Treasury Yield 30 Years	425	VX15TW1A	Cboe 1st VIX Futures 15 Minute Indicative TWAP Ask Value
376	UZF	Cboe VIX Jan Futures 4 pm EST Mark Index	426	VX15TW1B	Cboe 1st VIX Futures 15 Minute Indicative TWAP Bid Value
377	UZG	Cboe VIX Feb Futures 4 pm EST Mark Index	427	VX15TW2	Cboe 2nd VIX Futures 15 Minute Indicative TWAP Midpoint Value
378	UZH	Cboe VIX Mar Futures 4 pm EST Mark Index	428	VX15TW2A	Cboe 2nd VIX Futures 15 Minute Indicative TWAP Ask Value
379	UZI	Cboe VIX Apr Futures 4 pm EST Mark Index	429	VX15TW2B	Value
380	UZK	Cboe VIX May Futures 4 pm EST Mark Index	430	VXAPL	Cboe Apple VIX
381	UZM	Cboe VIX Jun Futures 4 pm EST Mark Index	431	VXAZN	Cboe Options in Amazon
382	UZN	Cboe VIX Jul Futures 4 pm EST Mark Index	432	VXGS	Cboe Equity VIX on Goldman Sachs
383	UZQ	Cboe VIX Aug Futures 4 pm EST Mark Index	433	VXIBM	Cboe Euity VIX on IBM
384	UZU	Cboe VIX Sep Futures 4 pm EST Mark Index	434	VXIBM	Cboe IBM VIX
385	UZV	Cboe VIX Oct Futures 4 pm EST Mark Index	435	VXIND1	Settlement Value
386	UZX	Cboe VIX Nov Futures 4 pm EST Mark Index	436	VXIND2	Settlement Value
387	UZZ	Cboe VIX Dec Futures 4 pm EST Mark Index	437	VXIND3	Settlement Value
388	VAF	S&P Variance Futures Settlement Price	438	VXN	Cboe Nasdaq-100 Volatility Index
389	VAFF1	Cboe January 2021 S&P Variance Futures Closing Price	439	VXS	Cboe Volatility Index Options Settlement Value
390	VAFG1	Cboe February 2021 S&P Variance Futures Closing Price	440	VXTA1	Cboe 1st VIX Futures TAS Ask Price Index
391	VAFH1	Cboe March 2021 S&P Variance Futures Closing Price	441	VXTA2	Cboe 2nd VIX Futures TAS Ask Price Index
392	VAFJ1	Cboe April 2021 S&P Variance Futures Closing Price	442	VXTA3	Cboe 3rd VIX Futures TAS Ask Price Index
393	VAFK1	Cboe May 2021 S&P Variance Futures Closing Price	443	VXTB1	Cboe 1st VIX Futures TAS Bid Price Index
394	VAFM1	Cboe June 2021 S&P Variance Futures Closing Price	444	VXTB2	Cboe 2nd VIX Futures TAS Bid Price Index
395	VAFX0	Cboe November 2020 S&P Variance Futures Closing Price	445	VXTB3	Cboe 3rd VIX Futures TAS Bid Price Index
396	VAFZ0	Cboe December 2020 S&P Variance Futures Closing Price	446	VXTH	Cboe VIX Tail Hedge Index
397	VFTW1	Cboe 1st Month VIX Futures 15 Minute EOD Indicative TWAP Value	447	VXTLT	Cboe 20+ Year Treasury Bond ETF Volatility Index
398	VFTW2	Cboe 2nd Month VIX Futures 15 Minute EOD Indicative TWAP Value	448	WPUT	Cboe S&P 500 One-Week PutWrite Index
399	VIF	Far Term S&P 500 Volatility Index	449	WPEF	Cboe MSCI EAFE One-Week PutWrite Index
400	VIFMO	CBOE Far-Term VIXMO Index	450	WPEN	Cboe MSCI Emerging Markets One-Week PutWrite Index
401	VIN	Near Term S&P 500 Volatility Index	451	XSM	S&P 600 Settlement
402	VINMO	CBOE Near-Term VIXMO Index	452	XSR	S&P 500 Settlement Reduced
403	VINXE	VIX Near-Term Month			
404	VIX	Cboe Volatility Index			Societe Generale (Included in CSMI Main)
405	VIX1D	Cboe1-Day Valatility Index	453	DLVIX	Dynamic Long VIX Futures Index
406	VIX1Y	Cboe S&P 500 One-Year Volatility Index	454	DSVIER	Dynamic Short VIX Futures Index - Excess Return
407	VIX3M	Cboe S&P 500 3 Month Volatility Index	455	DSVIX	Dynamic Short VIX Futures Index
408	VIX6M	Cboe S&P 500 6-Month Volatility Index			
409	VIX9D	Cboe S&P 500 9-Day Volatility Index			
410	VIXAPL	Cboe Apple VIX			

Standard and Poor's/Dow Jones
(Included in CSMI Main)

456	CEX	Standard & Poor's Chemicals Index
457	DJR	Dow Jones Equity REIT Index
458	DJX	Dow Jones Utility Average Index
459	DTX	Dow Jones 1/10 Trans Index
460	DUX	Dow Jones Utility Average Index
461	OEX	Standard & Poor's 100
462	SISB	Materials Select Sector Index Settlement Value
		Communication Services Select Sector Index Settlement
463	SISC	Value
464	SISE	Energy Select Sector Index Settlement Value
465	SISIN	Industrials Select Sector Index Settlement Value
466	SISM	Financial Select Sector Index Settlement Value
467	SISR	Consumer Staples Select Sector Index Settlement Value
468	SISRE	Real Estate Select Sector Index Settlement Value
469	SIST	Technology Select Sector Index
470	SISUT	Utilities Select Sector Index Settlement Value
471	SISV	Health Select Sector Index Settlement Value
		Consumer Discretionary Select Sector Index Settlement
472	SISY	Value
473	SIXB	Materials Select Sector Index
474	SIXC	Communication Services Select Sector Index
475	SIXE	Energy Select Sector Index
476	SIXI	Industrials Select Sector Index
477	SIXM	Financial Select Sector Index
478	SIXR	Consumer Staples Select Sector Index
479	SIXRE	Real Estate Select Sector Index
480	SIXT	Technology Select Sector Index
481	SIXU	Utilities Select Sector Index
482	SIXV	Health Select Sector Index
483	SIXY	Consumer Discretionary Select Sector Index
484	SPESG	S&P 500 ESG Index
485	SPX	Standard & Poor's 500
486	XEO	Standard & Poor's 100 (European)
487	XSP	Mini Standard & Poor's 500
488	XSPAM	Mini SPX Index (AM Settlement)

Cboe Global Indices as of June 1, 2023

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	MRLS	Mini-Russell 2000 Index (AM Settlement)
7	MRUT	Mini-Russell 2000 Index
8	PUTR	Cboe Russell 2000 PutWrite Index
9	RIR	Russell 1000 Index Settlement Value
10	RLR	Russell 1000 Growth Index Settlement Value
11	RLS	Russell 2000 Index Settlement Value
12	RSL	Cboe Russell 2000 Volatility Index Settlement Price
13	RUI	Russell 1000 Index
14	RVS	Russell 1000 Value Index Settlement Value
15	RVX	Cboe Russell 2000 Volatility
16	UKS	FTSE 100 Mini Index Settlement Value
17	WPTR	Cboe Russell 2000 One-Week PutWrite Index

Morningstar Channel (MSTAR)

1	MDL	Morningstar Dividend Leaders Index
2	MDLTR	Morningstar Dividend Leaders Total Return Index
3	MDXUS	Morningstar Dev Mkts ex-US PR USD
4	MDYF	Morningstar Dividend Yield Focus Index
5	MEMM	Morningstar Emg Mkts PR USD
6	MFSS	Morningstar Financial Services Sector
7	MGRO	Morningstar U.S. Growth Index
8	MGXUS	Morningstar Global Mkts ex-US PR USD
9	MLCPT	Morningstar Large Cap Total Return Index
10	MLCRT	Morningstar Large Core Total Return Index
11	MLGRT	Morningstar Large Growth Total Return Index
12	MLVLT	Morningstar Large Value Total Return Index
13	MMCPT	Morningstar Mid Cap Total Return Index
14	MMCRT	Morningstar Mid Core Total Return Index
15	MMGRT	Morningstar Mid Growth Total Return Index
16	MMVLT	Morningstar Mid Value Total Return Index
17	MPDMPESPU	Morningstar PitchBook Developed Markets Listed Private Equity PR USD
18	MSAAUSDP	Morningstar Asia Index PR USD
19	MSCEREPE	Morningstar Developed Markets China and Emerging Markets Revenue Exposure PR EUR
20	MSCEREPEG	Morningstar Developed Markets China and Emerging Markets Revenue Exposure PR GBP
21	MSCEREPU	Morningstar Developed Markets China and Emerging Markets Revenue Exposure PR USD
22	MSCHCHFP	Morningstar Switzerland Index PR CHF
23	MSCPT	Morningstar Small Cap Total Return Index
24	MSCRT	Morningstar Small Core Total Return Index
25	MSDIVGP	Morningstar US Dividend Growth Index
26	MSEGLMCB	Morningstar US Large-Mid Cap PR USD
27	MSEGSDFPU	Morningstar Societal Development PR USD
28	MSEGUSSP	Morningstar US Sustainability Dividend Yield Focus PR USD
29	MSEGWEPUP	Morningstar Women's Empowerment PR USD
30	MSEUEURP	Morningstar Europe Index PR EUR
31	MSEUUSDP	Morningstar Europe Index PR USD
32	MSEXPOPU	Morningstar Exponential Tech PR USD
33	MSEZEURP	Morningstar Eurozone Index PR EUR
34	MSG50EG	Morningstar Eurozone 50 GR EUR
35	MSGDICPU	Morningstar Global Digital Infrastructure & Connectivity PR USD
36	MSGEIP	Morningstar Global Equity Infrastructure Index
37	MSGMUSDP	Morningstar Global Mkts Index PR USD
38	MSGRT	Morningstar Small Growth Total Return Index

Continued

39	MSJPJPYP	Morningstar Japan Index PR JPY
40	MSKRKRWP	Morningstar Korea Index PR KRW
41	MSMEUSDP	Morningstar Middle East & Africa PR USD
42	MSTAR	Morningstar U.S. Market Index
43	MSTART	Morningstar U.S. Market Total Return Index
44	MSUMCEPU	Morningstar US Mid Cap Target Market Exposure Extended PR USD
45	MSUSCEPU	Morningstar US Small Cap Target Market Exposure Extended PR USD
46	MSVLT	Morningstar Small Value Total Return Index
47	MUFTT	Morningstar US Market Factor Tilt Index TR
48	MULMBGPU	Morningstar US Large-Mid Cap Broad Growth PR USD
49	MULMBVPU	Morningstar US Large-Mid Cap Broad Value PR USD
50	MUMCBGPU	Morningstar US Mid Cap Broad Growth PR USD
51	MUMCBVPU	Morningstar US Mid Cap Broad Value PR USD
52	MUNR	Morningstar Global Upstream Natural Resources Index
53	MWMF	Morningstar Wide Moat Focus Index
54	MWMFT	Morningstar Wide Moat Focus Total Return Index

CCCY Channel

1	AAVE100	Cboe 100 Aave / US Dollar RealPrice Index*
2	AAVE10RP	Cboe 10 Aave / US Dollar RealPrice Index*
3	AAVE25RP	Cboe 25 Aave / US Dollar RealPrice Index*
4	AAVE400	Cboe 400 Aave / US Dollar RealPrice Index*
5	AAVE50RP	Cboe 50 Aave / US Dollar RealPrice Index*
6	ADA100K	Cboe 100K Cardano/US Dollar RealPrice Index*
7	ADA10KRP	Cboe 10K Cardano/US Dollar RealPrice Index*
8	ADA25KRP	Cboe 25K Cardano/US Dollar RealPrice Index*
9	ADA50KRP	Cboe 50K Cardano/US Dollar RealPrice Index*
10	ADA5KRP	Cboe 5000 Cardano/US Dollar RealPrice Index*
11	ALGO100	Cboe 100 Algorand / US Dollar RealPrice Index*
12	ALGO1KRP	Cboe 1000 Algorand / US Dollar RealPrice Index*
13	ALGO5KRP	Cboe 5000 Algorand / US Dollar RealPrice Index*
14	ATOM150	Cboe 150 Cosmos / US Dollar RealPrice Index*
15	ATOM300	Cboe 300 Cosmos / US Dollar RealPrice Index*
16	ATOM600	Cboe 600 Cosmos / US Dollar RealPrice Index*
17	ATOM75RP	Cboe 75 Cosmos / US Dollar RealPrice Index*
18	BAT100RP	Cboe 100 Basic Attention Token / US Dollar RealPrice Index*
19	BAT1KRP	Cboe 1000 Basic Attention Token / US Dollar RealPrice Index*
20	BAT200RP	Cboe 200 Basic Attention Token / US Dollar RealPrice Index*
21	BAT500RP	Cboe 500 Basic Attention Token / US Dollar RealPrice Index*
22	BCH100RP	Cboe 100 Bitcoin Cash/USD RealPrice*
23	BCH10RP	Cboe 10 Bitcoin Cash/USD RealPrice*
24	BCH1RP	Cboe 1 Bitcoin Cash/USD RealPrice*
25	BCH20RP	Cboe 20 Bitcoin Cash/USD RealPrice*
26	BCH40RP	Cboe 40 Bitcoin Cash/USD RealPrice*
27	BCH5RP	Cboe 5 Bitcoin Cash/USD RealPrice*
28	BCHBTC	Bitcoin Cash vs Bitcoin
29	BCHUSD	Bitcoin Cash vs US Dollar
30	BNB100RP	Cboe 100 Binance Coin / US Dollar RealPrice Index*
31	BNB20RP	Cboe 20 Binance Coin / US Dollar RealPrice Index*
32	BNB400RP	Cboe 400 Binance Coin / US Dollar RealPrice Index*
33	BNB5RP	Cboe 5 Binance Coin / US Dollar RealPrice Index*
34	BNT200RP	Cboe 200 Bancor / US Dollar RealPrice Index*
35	BNT2KRP	Cboe 2000 Bancor / US Dollar RealPrice Index*
36	BNT500RP	Cboe 500 Bancor / US Dollar RealPrice Index*
37	BNT50RP	Cboe 50 Bancor / US Dollar RealPrice Index*
38	BTC10RP	Cboe 10 Bitcoin/USD RealPrice*
39	BTC1RP	Cboe 1 Bitcoin/USD RealPrice*
40	BTC20PRP	Cboe 0.2 Bitcoin/USD RealPrice
41	BTC20RP	Cboe 20 Bitcoin/USD RealPrice*
42	BTC5RP	Cboe 5 Bitcoin/USD RealPrice*
43	BTCUSD	Bitcoin vs US Dollar
44	DASH100	Cboe 100 Dash / US Dollar RealPrice Index*

Continued

45	DASH10RP	Cboe 10 Dash / US Dollar RealPrice Index*
46	DASH20RP	Cboe 20 Dash / US Dollar RealPrice Index*
47	DASH50RP	Cboe 50 Dash / US Dollar RealPrice Index*
48	DASH5RP	Cboe 5 Dash / US Dollar RealPrice Index*
49	DOGE100K	Cboe 100K DOGE/USD RealPrice*
50	DOGE10K	Cboe 10K DOGE/USD RealPrice*
51	DOGE200K	Cboe 200K Dogecoin / US Dollar RealPrice Index*
52	DOGE500K	Cboe 500K Dogecoin / US Dollar RealPrice Index*
53	DOGE50K	Cboe 50K DOGE/USD RealPrice*
54	DOT10KRP	Cboe 10K Polkadot/USD RealPrice*
55	DOT1KRP	Cboe 1000 Polkadot/USD RealPrice*
56	DOT2500	Cboe 2500 Polkadot/USD RealPrice*
57	DOT250RP	Cboe 250 Polkadot/USD RealPrice*
58	DOT5KRP	Cboe 5000 Polkadot/USD RealPrice*
59	EOS100RP	Cboe 100 Eos / US Dollar RealPrice Index*
60	EOS10RP	Cboe 10 Eos / US Dollar RealPrice Index*
61	EOS400RP	Cboe 400 Eos / US Dollar RealPrice Index*
62	EOS40RP	Cboe 40 Eos / US Dollar RealPrice Index*
63	EOS800RP	Cboe 800 Eos / US Dollar RealPrice Index*
64	ETC100RP	Cboe 100 Ethereum Classic / US Dollar RealPrice Index*
65	ETC1KRP	Cboe 1000 Ethereum Classic / US Dollar RealPrice Index*
66	ETC250RP	Cboe 250 Ethereum Classic / US Dollar RealPrice Index*
67	ETC2KRP	Cboe 2000 Ethereum Classic / US Dollar RealPrice Index*
68	ETC500RP	Cboe 500 Ethereum Classic / US Dollar RealPrice Index*
69	ETH100RP	Cboe 100 Ethereum/USD RealPrice*
70	ETH200RP	Cboe 200 Ethereum/USD RealPrice*
71	ETH20RP	Cboe 20 Ethereum/USD RealPrice*
72	ETH40RP	Cboe 400 Ethereum/USD RealPrice*
73	ETH50RP	Cboe 50 Ethereum/USD RealPrice*
74	ETH5RP	Cboe 5 Ethereum/USD RealPrice*
75	ETHBTC	Ether vs Bitcoin
76	ETHUSD	Ether vs US Dollar
77	FIL100RP	Cboe 100 Filecoin / US Dollar RealPrice Index*
78	FIL1KRP	Cboe 1000 Filecoin / US Dollar RealPrice Index*
79	FIL2500	Cboe 2500 Filecoin / US Dollar RealPrice Index*
80	FIL500RP	Cboe 500 Filecoin / US Dollar RealPrice Index*
81	FIL5KRP	Cboe 5000 Filecoin / US Dollar RealPrice Index*
82	KNC100RP	Cboe 100 Kyber Network / US Dollar RealPrice Index*
83	KNC1KRP	Cboe 1000 Kyber Network / US Dollar RealPrice Index*
84	KNC250RP	Cboe 250 Kyber Network / US Dollar RealPrice Index*
85	KNC2KRP	Cboe 2000 Kyber Network / US Dollar RealPrice Index*
86	KNC500RP	Cboe 500 Kyber Network / US Dollar RealPrice Index*
87	LINK100	Cboe 100 Chainlink/USD RealPrice*
88	LINK1KRP	Cboe 1000 Chainlink/USD RealPrice*
89	LINK2500	Cboe 2500 Chainlink / US Dollar RealPrice Index*
90	LINK500	Cboe 500 Chainlink/USD RealPrice*
91	LINK5KRP	Cboe 5000 Chainlink / US Dollar RealPrice Index*
92	LTC100RP	Cboe 100 Litecoin/USD RealPrice*
93	LTC10RP	Cboe 10 Litecoin/USD RealPrice*
94	LTC200RP	Cboe 200 Litecoin/USD RealPrice*
95	LTC25RP	Cboe 25 Litecoin/USD RealPrice*
96	LTC50RP	Cboe 50 Litecoin/USD RealPrice*
97	LTCBTC	Litecoin vs Bitcoin
98	LTCUSD	Litecoin vs US Dollar
99	LTU5RP	Cboe 5 Litecoin/USD RealPrice*
100	MANA10K	Cboe 10K Decentraland / US Dollar RealPrice Index*
101	MANA1250	Cboe 1250 Decentraland / US Dollar RealPrice Index*
102	MANA3KRP	Cboe 3000 Decentraland / US Dollar RealPrice Index*
103	MANA500	Cboe 500 Decentraland / US Dollar RealPrice Index*
104	MATIC100K	Cboe 100K Polygon / US Dollar RealPrice Index*
105	MATIC10K	Cboe 10K Polygon / US Dollar RealPrice Index*
106	MATIC1K	Cboe 1000 Polygon / US Dollar RealPrice Index*
107	MATIC25K	Cboe 25K Polygon / US Dollar RealPrice Index*

Continued

108	MATIC50K	Cboe 50K Polygon / US Dollar RealPrice Index*
109	MKR10RP	Cboe 10 Maker / US Dollar RealPrice Index*
110	MKR25RP	Cboe 25 Maker / US Dollar RealPrice Index*
111	MKR2RP	Cboe 2 Maker / US Dollar RealPrice Index*
112	MKR50RP	Cboe 50 Maker / US Dollar RealPrice Index*
113	MKR5RP	Cboe 5 Maker / US Dollar RealPrice Index*
114	OMG100RP	Cboe 100 OMG / US Dollar RealPrice Index*
115	OMG1KRP	Cboe 1000 OMG / US Dollar RealPrice Index*
116	OMG25RP	Cboe 25 OMG / US Dollar RealPrice Index*
117	OMG2KRP	Cboe 2000 OMG / US Dollar RealPrice Index*
118	OMG500RP	Cboe 500 OMG / US Dollar RealPrice Index*
119	OXT1KRP	Cboe 1000 Orchid / US Dollar RealPrice Index*
120	OXT25KRP	Cboe 25K Orchid / US Dollar RealPrice Index*
121	OXT5KRP	Cboe 5000 Orchid / US Dollar RealPrice Index*
122	QTUM100	Cboe 100 QTUM / US Dollar RealPrice Index*
123	QTUM1KRP	Cboe 1000 QTUM / US Dollar RealPrice Index*
124	QTUM25RP	Cboe 25 QTUM / US Dollar RealPrice Index*
125	QTUM2KRP	Cboe 2000 QTUM / US Dollar RealPrice Index*
126	QTUM500	Cboe 500 QTUM / US Dollar RealPrice Index*
127	REP15RP	Cboe 15 Augur / US Dollar RealPrice Index*
128	REP250RP	Cboe 250 Augur / US Dollar RealPrice Index*
129	REP5KRP	Cboe 5000 Augur / US Dollar RealPrice Index*
130	REP75RP	Cboe 75 Augur / US Dollar RealPrice Index*
131	SOL100RP	Cboe 100 Solana / US Dollar RealPrice Index*
132	SOL1KRP	Cboe 1000 Solana / US Dollar RealPrice Index*
133	SOL2500	Cboe 2500 Solana / US Dollar RealPrice Index*
134	SOL500RP	Cboe 500 Solana / US Dollar RealPrice Index*
135	SOL5KRP	Cboe 5000 Solana / US Dollar RealPrice Index*
136	UNI1KRP	Cboe 1000 Uniswap/US Dollar RealPrice Index*
137	UNI2500	Cboe 2500 Uniswap/US Dollar RealPrice Index*
138	UNI250RP	Cboe 250 Uniswap/US Dollar RealPrice Index*
139	UNI50RP	Cboe 50 Uniswap/US Dollar RealPrice Index*
140	UNI5KRP	Cboe 5000 Uniswap/US Dollar RealPrice Index*
141	WAVES1K	Cboe 1000 Waves / US Dollar RealPrice Index*
142	WAVES20K	Cboe 20K Waves / US Dollar RealPrice Index*
143	WAVES250	Cboe 250 Waves / US Dollar RealPrice Index*
144	WAVES5K	Cboe 5000 Waves / US Dollar RealPrice Index*
145	XLM2KRP	Cboe 2000 Stellar/US Dollar RealPrice Index*
146	XLM500RP	Cboe 500 Stellar/US Dollar RealPrice Index*
147	XLM9KRP	Cboe 9000 Stellar/US Dollar RealPrice Index*
148	XRP100K	Cboe 100K Ripple / US Dollar RealPrice Index*
149	XRP200K	Cboe 200K Ripple / US Dollar RealPrice Index*
150	XRP25KRP	Cboe 25K Ripple / US Dollar RealPrice Index*
151	XRP50KRP	Cboe 50K Ripple / US Dollar RealPrice Index*
152	XRP5KRP	Cboe 5000 Ripple / US Dollar RealPrice Index*
153	XTZ100RP	Cboe 100 Tezos / US Dollar RealPrice Index*
154	XTZ200RP	Cboe 200 Tezos / US Dollar RealPrice Index*
155	XTZ50RP	Cboe 50 Tezos / US Dollar RealPrice Index*
156	XTZ5KRP	Cboe 5000 Tezos / US Dollar RealPrice Index*
157	XTZ75RP	Cboe 75 Tezos / US Dollar RealPrice Index*
158	ZEC100RP	Cboe 100 Zcash/US Dollar RealPrice Index*
159	ZEC10RP	Cboe 10 Zcash/US Dollar RealPrice Index*
160	ZEC2020RP	Cboe 20 Zcash/US Dollar RealPrice Index*
161	ZEC50RP	Cboe 50 Zcash/US Dollar RealPrice Index*
162	ZEC5RP	Cboe 5 Zcash/US Dollar RealPrice Index*
163	ZRX10KRP	Cboe 10K 0x / US Dollar RealPrice Index*
164	ZRX1KRP	Cboe 1000 0x / US Dollar RealPrice Index*
165	ZRX200K	Cboe 200K 0x / US Dollar RealPrice Index*
166	ZRX3KRP	Cboe 3000 0x / US Dollar RealPrice Index*

*Please Note: The dissemination schedule for these Index values will be from Sunday beginning at 16:00:00 CST to Friday ending at 19:00:00 CST.

INAV Channel

1	AGQIV	PROSHARES ULTRA SILVER ETF
2	ANEWIV	PROSHARES MSCI TRANSFORMATIONAL CHANGES ETF
3	APRTIV	AllianzIM U.S. Large Cap Buffer10 Apr ETF Intraday Indicative Value
4	APRWIV	AllianzIM U.S. Large Cap Buffer20 Apr ETF Intraday Indicative Value
5	APRZIV	TrueShares Structured Outcome (April) ETF Intraday Indicative Value
6	AUGZIV	TrueShares Structured Outcome (August) ETF Intraday Indicative Value
7	BIBIV	PROSHARES ULTRA NASDAQ BIOTECHNOLOGY ETF
8	BISIV	PROSHARES ULTRASHORT NASDAQ BIOTECHNOLOGY ETF
9	BITIIV	ProShares Short Bitcoin Strategy ETF
10	BITOIV	ProShares Bitcoin Strategy ETF
11	BOILIV	PROSHARES ULTRA BLOOMBERG NATURAL GAS ETF
12	BZQIV	PROSHARES ULTRASHORT MSCI BRAZIL CAPPED ETF
13	CLIXIV	PROSHARES LONG ONLINE/SHORT STORES ETF
14	CSMIV	PROSHARES LARGE CAP CORE PLUS ETF
15	CTEXIV	PROSHARES S&P KENSHO CLEANTECH ETF
16	DATIV	PROSHARES BIG DATA REFINERS ETF
17	DAUGIV	FT Cboe Vest U.S. Equity Deep Buffer ETF August Intraday Indicative Value
18	DDMIV	PROSHARES ULTRA DOW30 ETF
19	DECTIV	AllianzIM U.S. Large Cap Buffer10 Dec ETF Intraday Indicative Value
20	DECWIV	AllianzIM U.S. Large Cap Buffer20 Dec ETF Intraday Indicative Value
21	DECZIV	TrueShares Structured Outcome (December) ETF Intraday Indicative Value
22	DEFBIV	FT Cboe Vest U.S. Equity Deep Buffer ETF February Intraday Indicative Value
23	DGLDIV	VelocityShares 3x Inverse Gold ETN Intraday Indicative Value
24	DIGIV	PROSHARES ULTRA OIL & GAS ETF
25	DJULIV	FT Cboe Vest U.S. Equity Deep Buffer ETF July Intraday Indicative Value
26	DJUNIV	FT Cboe Vest U.S. Equity Deep Buffer ETF June Intraday Indicative Value
27	DMAYIV	FT Cboe Vest U.S. Equity Deep Buffer ETF May Intraday Indicative Value
28	DNOVIV	FT Cboe Vest U.S. Equity Deep Buffer ETF November Intraday Indicative Value
29	DOCTIV	FT Cboe Vest U.S. Equity Deep Buffer ETF October Intraday Indicative Value
30	DOGIV	PROSHARES SHORT DOW30 ETF
31	DSEPIV	FT Cboe Vest U.S. Equity Deep Buffer ETF September Intraday Indicative Value
32	DSLIV	VelocityShares 3x Inverse Silver ETN Intraday Indicative Value
33	DUGIV	PROSHARES ULTRASHORT OIL & GAS ETF
34	DVNDIV	Touchstone Dividend Select ETF
35	DWAWIV	AdvisorSHares TR Dorsey Wright FSM ETF (DWAU)
36	DWEQIV	AdvisorShares TR Dorsey Wright Alpha ETF (DWEQ)
37	DWUSIV	AdvisorShares TR Dorsey Wright FSM U ETF (DWUS)
38	DXDIV	PROSHARES ULTRASHORT DOW30 ETF
39	EETIV	PROSHARES ULTRA MSCI EMERGING MARKETS ETF
40	EEVIV	PROSHARES ULTRASHORT MSCI EMERGING MARKETS ETF
41	EFADIV	PROSHARES MSCI EAFE DIVIDEND GROWERS ETF
42	EFOIV	PROSHARES ULTRA MSCI EAFE ETF
43	EFUIV	PROSHARES ULTRASHORT MSCI EAFE ETF
44	EFZIV	PROSHARES SHORT MSCI EAFE ETF
45	EMDVIV	PROSHARES MSCI EM DIVIDEND GROWERS ETF
46	EMTYIV	PROSHARES DECLINE OF THE RETAIL STORE ETF
47	EPVIV	PROSHARES ULTRASHORT FTSE EUROPE ETF
48	EQRRIV	PROSHARES EQUITIES FOR RISING RATES ETF
49	EUDVIV	PROSHARES MSCI EUROPE DIVIDEND GROWERS ETF
50	EUMIV	PROSHARES SHORT MSCI EMERGING MARKETS ETF
51	EUOIV	PROSHARES ULTRASHORT EURO ETF
52	EWVIV	PROSHARES ULTRASHORT MSCI JAPAN ETF
53	EZJIV	PROSHARES ULTRA MSCI JAPAN ETF
54	FAUGIV	FT Cboe Vest U.S. Equity Buffer ETF August Intraday Indicative Value
55	FEBTIV	AllianzIM U.S. Large Cap Buffer10 Feb ETF Intraday Indicative Value
56	FEBWIV	AllianzIM U.S. Large Cap Buffer20 Feb ETF Intraday Indicative Value
57	FEBZIV	TrueShares Structured Outcome (February) ETF Intraday Indicative Value
58	FFEBIV	FT Cboe Vest U.S. Equity Buffer ETF February Intraday Indicative Value
59	FGLDIV	Franklin Responsibly Sourced Gold ETF
60	FJULIV	FT Cboe Vest U.S. Equity Buffer ETF July Intraday Indicative Value
61	FJUNIV	FT Cboe Vest U.S. Equity Buffer ETF June Intraday Indicative Value
62	FMAYIV	FT Cboe Vest U.S. Equity Buffer ETF May Intraday Indicative Value
63	FNOVIV	FT Cboe Vest U.S. Equity Buffer ETF November Intraday Indicative Value

Continued

64	FOCTIV	FT Cboe Vest U.S. Equity Buffer ETF October Intraday Indicative Value
65	FSEPIV	FT Cboe Vest U.S. Equity Buffer ETF September Intraday Indicative Value
66	FXPIV	PROSHARES ULTRASHORT FTSE CHINA 50 ETF
67	GLLIV	PROSHARES ULTRASHORT GOLD ETF
68	HDGEIV	AdvisorShares Trust Ranger Equity Bear (HDGE)
69	HDGIV	PROSHARES HEDGE REPLICATION ETF
70	HEGDIV	Swan Hedged Equity US Large Cap ETF Intraday Indicative Value
71	HYGWIV	iShares HY Corp Bond BuyWrite Strategy ETF Intraday Indicative Value
72	HYHGIV	PROSHARES HIGH YIELD-INTEREST RATE HEDGED ETF
73	IGHGIV	PROSHARES INV GRADE-INTEREST RATE HEDGED
74	INOIV	Proshares TR S&P Global Core Battery
75	JANTIV	AllianzIM U.S. Large Cap Buffer10 Jan ETF Intraday Indicative Value
76	JANWIV	AllianzIM U.S. Large Cap Buffer20 Jan ETF Intraday Indicative Value
77	JANZIV	TrueShares Structured Outcome (January) ETF Intraday Indicative Value
78	JULTIV	AllianzIM U.S. Large Cap Buffer10 Jul ETF Intraday Indicative Value
79	JULWIV	AllianzIM U.S. Large Cap Buffer20 Jul ETF Intraday Indicative Value
80	JULZIV	TrueShares Structured Outcome (July) ETF Intraday Indicative Value
81	JUNTIV	AllianzIM U.S. Large Cap Buffer10 Jun ETF Intraday Indicative Value
82	JUNWIV	AllianzIM U.S. Large Cap Buffer20 Jun ETF Intraday Indicative Value
83	JUNZIV	TrueShares Structured Outcome (June) ETF Intraday Indicative Value
84	KOLDIV	PROSHARES ULTRASHORT BBG NATURAL GAS ETF
85	LCFIV	Touchstone US Large Cap Focused ETF
86	LQDWIV	iShares IG Corp Bond BuyWrite Strategy ETF Intraday Indicative Value
87	LTLIV	PROSHARES ULTRA TELECOMMUNICATIONS ETF
88	MAKXIV	PROSHARES S&P KENSHO SMART FACTORIES ETF
89	MARTIV	AllianzIM U.S. Large Cap Buffer10 ETF Intraday Indicative Value
90	MARWIV	AllianzIM U.S. Large Cap Buffer20 ETF Intraday Indicative Value
91	MARZIV	TrueShares Structured Outcome (March) ETF Intraday Indicative Value
92	MAYTIV	AllianzIM U.S. Large Cap Buffer10 May ETF
93	MAYWIV	AllianzIM U.S. Large Cap Buffer20 May ETF
94	MAYZIV	TrueShares Structured Outcome (May) ETF Intraday Indicative Value
95	MNV	Invesco S&P 500 BuyWrite ETF-INAV
96	MRGRIV	PROSHARES MERGER ETF
97	MVVIV	PROSHARES ULTRA MIDCAP400 ETF
98	MYIV	PROSHARES SHORT MIDCAP400 ETF
99	MZZIV	PROSHARES ULTRASHORT MIDCAP400 ETF
100	NOBLIV	PROSHARES S&P 500 DIVIDEND ARISTOCRATS ETF
101	NOVZIV	TrueShares Structured Outcome (November) ETF Intraday Indicative Value
102	NVBTIV	AllianzIM U.S. Large Cap Buffer10 Nov ETF Intraday Indicative Value
103	NVBWIV	AllianzIM U.S. Large Cap Buffer20 Nov ETF Intraday Indicative Value
104	OCTTIV	AllianzIM U.S. Large Cap Buffer10 Oct ETF Intraday Indicative Value
105	OCTWIV	AllianzIM U.S. Large Cap Buffer20 Oct ETF Intraday Indicative Value
106	OCTZIV	TrueShares Structured Outcome (October) ETF Intraday Indicative Value
107	OILKIV	PROSHARES K-1 FREE CRUDE OIL STRATEGY ETF
108	ONDIV	PROSHARES ON-DEMAND ETF
109	PEXIV	PROSHARES GLOBAL LISTED PRIVATE EQUITY ETF
110	PSCJIV	Pacer Swan SOS Conservative (July) ETF Intraday Indicative Value
111	PSCQIV	Pacer Swan SOS Conservative (October) ETF Intraday Indicative Value
112	PSCWIV	Pacer Swan SOS Conservative (April) ETF Intraday Indicative Value
113	PSCXIV	Pacer Swan SOS Conservative (December) ETF Intraday Indicative Value
114	PSFDIV	Pacer Swan SOS Flex (December) ETF Intraday Indicative Value
115	PSFFIV	Pacer Swan SOS Fund of Funds ETF Intraday Indicative Value
116	PSFJIV	Pacer Swan SOS Flex (July) ETF Intraday Indicative Value
117	PSFMIV	Pacer Swan SOS Flex (April) ETF Intraday Indicative Value
118	PSFOIV	Pacer Swan SOS Flex (October) ETF Intraday Indicative Value
119	PSMDIV	Pacer Swan SOS Moderate (December) ETF Intraday Indicative Value
120	PSMJIV	Pacer Swan SOS Moderate (July) ETF Intraday Indicative Value
121	PSMOIV	Pacer Swan SOS Moderate (October) ETF Intraday Indicative Value
122	PSMRIV	Pacer Swan SOS Moderate (April) ETF Intraday Indicative Value
123	PSQIV	PROSHARES SHORT QQQ ETF
124	PSTIV	PROSHARES ULTRASHORT 7-10 YEAR TREASURY ETF
125	QIDIV	PROSHARES ULTRASHORT QQQ ETF
126	QLDIV	PROSHARES ULTRA QQQ ETF

Continued

127	QQQAIV	PROSHARES NAS-100 DORSEY WRIGHT MOMENTUM
128	QYLIV	Global X Nasdaq 100 Covered Call & Growth ETF Intraday Indicative Value
129	REGLIV	PROSHARES S&P MCAP 400 DIVIDEND ARISTOCRATS
130	REKIV	PROSHARES SHORT REAL ESTATE ETF
131	REWIV	PROSHARES ULTRASHORT TECHNOLOGY ETF
132	RINFIV	ProShares Inflation Expectations ETF
133	ROMIV	PROSHARES ULTRA TECHNOLOGY ETF
134	RWMIV	PROSHARES SHORT RUSSELL2000 ETF
135	RXDIV	PROSHARES ULTRASHORT HEALTH CARE ETF
136	RXLIV	PROSHARES ULTRA HEALTH CARE ETF
137	SAAIV	PROSHARES ULTRA SMALLCAP600 ETF
138	SBBIV	PROSHARES SHORT SMALLCAP600 ETF
139	SCCIV	PROSHARES ULTRASHORT CONSUMER SERVICES ETF
140	SCOIV	PROSHARES ULTRASHORT BLOOMBERG CRUDE OIL ETF
141	SDDIV	PROSHARES ULTRASHORT SMALLCAP600 ETF
142	SDOWIV	PROSHARES ULTRAPRO SHORT DOW30 ETF
143	SDPIV	PROSHARES ULTRASHORT UTILITIES ETF
144	SDSIV	PROSHARES ULTRASHORT S&P500 ETF
145	SEFIV	PROSHARES SHORT FINANCIALS ETF
146	SEPZIV	TrueShares Structured Outcome (September) ETF Intraday Indicative Value
147	SHIV	PROSHARES SHORT S&P500
148	SIJIV	PROSHARES ULTRASHORT INDUSTRIALS ETF
149	SIOIV	Touchstone Strategic Income Opportunities ETF
150	SIXJIV	AllianzIM U.S. Large Cap 6 Month Buffer10 Jan/Jul ETF Intraday Indicative Value
151	SIXOIV	AllianzIM U.S. Large Cap 6 Month Buffer10 Apr/Oct ETF Intraday Indicative Value
152	SJBIV	PROSHARES SHORT HIGH YIELD ETF
153	SKFIV	PROSHARES ULTRASHORT FINANCIALS ETF
154	SKYUIV	PROSHARES ULTRA NASDAQ CLOUD COMPUTING ETF
155	SMDDIV	PROSHARES ULTRAPRO SHORT MIDCAP400 ETF
156	SMDVIV	PROSHARES RUSSELL 2000 DIVIDEND GROWERS ETF
157	SMNIV	PROSHARES ULTRASHORT BASIC MATERIALS ETF
158	SPXBIV	PROSHARES S&P 500 BOND ETF
159	SPXEIV	PROSHARES S&P 500 EX-ENERGY ETF
160	SPXNIV	PROSHARES S&P 500 EX-FINANCIALS ETF
161	SPXTIV	PROSHARES S&P 500 EX-TECHNOLOGY ETF
162	SPXUIV	PROSHARES ULTRAPRO SHORT SP500 ETF
163	SPXVIV	PROSHARES S&P 500 EX-HEALTH CARE ETF
164	SQQQIV	PROSHARES ULTRAPRO SHORT QQQ ETF
165	SRSIV	PROSHARES ULTRASHORT REAL ESTATE ETF
166	SRTYIV	PROSHARES ULTRAPRO SHORT RUSSELL2000 ETF
167	SSGIV	PROSHARES ULTRASHORT SEMICONDUCTORS ETF
168	SSOIV	PROSHARES ULTRA S&P500 ETF
169	SUPLIV	PROSHARES SUPPLY CHAIN LOGISTICS ETF
170	SVIXIV	1x Short VIX Futures ETF Intraday Indicative Value
171	SVXYIV	ProShares Short VIX Short-Term Futures ETF
172	SZKIV	PROSHARES ULTRASHORT CONSUMER GOODS ETF
173	TBFIV	PROSHARES SHORT 20+ YEAR TREASURY ETF
174	TBTIV	PROSHARES ULTRASHORT BARCLAYS 20+YR TR
175	TBXIV	PROSHARES SHORT 7-10 YEAR TREASURY ETF
176	TDVIV	PROSHARES S&P TECHNOLOGY DIV ARISTOCRATS
177	TINTIV	PROSHARES SMART MATERIALS ETF
178	TINYIV	PROSHARES NANOTECHNOLOGY ETF
179	TLTWIV	iShares 20+ Year Treasury Bond BuyWrite Strategy ETF Intraday Indicative Value
180	TMDVIV	PROSHARES RUSSELL US DIVIDEND GROWERS ETF
181	TOLZIV	PROSHARES DJ BROOKFIELD GLOBAL INFRASTRUCTURE ETF
182	TQQQIV	PROSHARES ULTRAPRO QQQ ETF
183	TSMEHOLIV	Thrivent Small-Mid Cap ESG ETF – Holdings Basket
184	TSMEIV	Thrivent Small-Mid Cap ESG ETF
185	TTTIV	PROSHARES ULTRAPRO SHORT 20Y PLUS TREASURY
186	TUSIV	Touchstone Ultra Short Income ETF
187	TVIXIV	VelocityShares Daily 2x VIX Short-Term ETN Intraday Indicative Value
188	TWMIV	PROSHARES ULTRASHORT RUSSELL2000 ETF
189	UBRIV	PROSHARES ULTRA MSCI BRAZIL CAPPED ETF

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190	UBTIV	PROSHARES ULTRA 20+ YEAR TREASURY ETF
191	UCCIV	PROSHARES ULTRA CONSUMER SERVICES ETF
192	UCOIV	PROSHARES ULTRA BLOOMBERG CRUDE OIL ETF
193	UCYBIV	PROSHARES ULTRA NASDAQ CYBERSECURITY ETF
194	UDOWIV	PROSHARES ULTRAPRO DOW30 ETF
195	UGAZIV	VelocityShares 3x Long Natural Gas ETN Intraday Indicative Value
196	UGEIV	PROSHARES ULTRA CONSUMER GOODS ETF
197	UGLDIV	VelocityShares 3x Long Gold ETN Intraday Indicative Value
198	UGLIV	PROSHARES ULTRA GOLD ETF
199	UJBIV	PROSHARES ULTRA HIGH YIELD ETF
200	ULEIV	PROSHARES ULTRA EURO ETF
201	UMDDIV	PROSHARES ULTRAPRO MIDCAP400
202	UPROIV	PROSHARES ULTRAPRO S&P500 ETF
203	UPVIV	PROSHARES ULTRA FTSE EUROPE ETF
204	UPWIV	PROSHARES ULTRA UTILITIES ETF
205	UREIV	PROSHARES ULTRA REAL ESTATE ETF
206	URTYIV	PROSHARES ULTRAPRO RUSSELL2000 ETF
207	USDIV	PROSHARES ULTRA SEMICONDUCTORS
208	USLVIV	VelocityShares 3x Long Silver ETN Intraday Indicative Value
209	USTIV	ProShares Ultra 7-10 Year Treasury
210	UVIXIV	2x Long VIX Futures ETF January Intraday Indicative Value
211	UVXYIV	ProShares Ultra VIX Short-Term Futures ETF
212	UWMIV	PROSHARES ULTRA RUSSELL2000 ETF
213	UXIIV	PROSHARES ULTRA INDUSTRIALS ETF
214	UYGIV	PROSHARES ULTRA FINANCIALS ETF
215	UYMIV	PROSHARES ULTRA BASIC MATERIALS ETF
216	VERSIV	PROSHARES METAVERSE ETF
217	VIIXIV	VelocityShares 2x VIX Short-Term ETN Intraday Indicative Value
218	VIXMIV	ProShares VIX Mid-Term Futures ETF
219	VIXYIV	ProShares VIX Short-Term Futures ETF
220	XCLRIV	Global X S&P 500 Collar 95-110 ETF Intraday Indicative Value
221	XPPIV	PROSHARES ULTRA FTSE CHINA 50 ETF
222	XRMIIV	Global X S&P 500 Risk Managed Income ETF Intraday Indicative Value
223	XTRIV	Global X S&P 500 Tail Risk ETF Intraday Indicative Value
224	XYLGIV	Global X S&P 500 Covered Call & Growth ETF Intraday Indicative Value
225	YCLIV	PROSHARES ULTRA YEN ETF
226	YCSIV	PROSHARES ULTRASHORT YEN ETF
227	YXIIV	PROSHARES SHORT FTSE CHINA 50 ETF
228	ZIVBIV	-1x Short VIX Mid-Term Futures Strategy ETF Intraday Indicative Value
229	ZIVIV	VelocityShares Daily Inverse VIX Medium-Term ETN Intraday Indicative Value
230	ZSLIV	PROSHARES ULTRASHORT SILVER ETF

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)
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)

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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)