

**SUBMITTED VIA CFTC PORTAL**

Secretary of the Commission  
Office of the Secretariat  
U.S. Commodity Futures Trading Commission  
Three Lafayette Centre  
1155 21st Street, N.W.  
Washington, D.C. 20581

Re: KalshiEX LLC. Weekly Notification of Rule Amendments Pursuant to Regulation 40.6(d)

Dear Madam or Sir,

Pursuant to Commodity Futures Trading Commission Regulation 40.6(d), the Exchange submits this weekly notification of the following rule amendments effective during the week of July 23, 2023 to July 29, 2023.

Rule changes relating to the following rules [ 538APPROVE, APPROVE, AUSHIGH, CHIHIGH, EURUSD, FEDDECISION, FRM, GAS, INX, MEASLES, MIAHIGH, NASDAQ100, NHIGH, TNOTE, TOPSONG, TSAW, USDJPY, WTIOIL ] and relating to the following products [ Will the President's approval rating be {{above/below/between}} {{percentage points}} on {{date}} according to FiveThirtyEight? , What will Joe Biden's approval rating be? , Will the high temperature in Austin be ? , What will the high temperature be in Chicago? , Will EUR/USD be {above/below/between} {count}? , Will the Federal Reserve do at ? , Will the 30-Yr FRM be above {interest rate}? , What will average gas prices be? , Will \$INX close on ? , Will there be more than measles cases in ? , Will the high temperature in Miami be ? , Will the Nasdaq-100 close ? , What will the high temperature be in Central Park? , What will the yield of the 10-year U.S. treasury note be? , Will be the #1 song on the Billboard Hot 100 for the week of ? , How many people will be screened by the TSA on average this week? , Will USD/JPY be {above/below/between} {count}? , Will the settle price of WTI crude oil futures be {{above/below/between}} {{price}} for {{date}}? ] were amended as noted in detail below:

- Changes made to ticker 538APPROVE (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will the President's approval rating be {{above/below/between}} {{percentage points}} on {{date}} according to FiveThirtyEight?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**538APPROVE-23AUG02-B39.5**

Date: August 02, 2023  
Above/Below/Between: between  
Percentage Points: 39.3-39.7  
Cap\_strike: 39.7  
Floor\_strike: 39.3

**538APPROVE-23AUG02-B40.0**

Date: August 02, 2023  
Above/Below/Between: between  
Percentage Points: 39.8-40.2  
Cap\_strike: 40.2  
Floor\_strike: 39.8

**538APPROVE-23AUG02-B40.5**

Date: August 02, 2023  
Above/Below/Between: between  
Percentage Points: 40.3-40.7  
Cap\_strike: 40.7  
Floor\_strike: 40.3

**538APPROVE-23AUG02-B41.0**

Date: August 02, 2023  
Above/Below/Between: between  
Percentage Points: 40.8-41.2  
Cap\_strike: 41.2  
Floor\_strike: 40.8

**538APPROVE-23AUG02-B41.5**

Date: August 02, 2023  
Above/Below/Between: between  
Percentage Points: 41.3-41.7  
Cap\_strike: 41.7  
Floor\_strike: 41.3

**538APPROVE-23AUG02-B42.0**

Date: August 02, 2023  
Above/Below/Between: between  
Percentage Points: 41.8-42.2  
Cap\_strike: 42.2  
Floor\_strike: 41.8

**538APPROVE-23AUG02-B42.5**

Date: August 02, 2023  
Above/Below/Between: between  
Percentage Points: 42.3-42.7  
Cap\_strike: 42.7  
Floor\_strike: 42.3

**538APPROVE-23AUG02-T39.3**

Date: August 02, 2023  
Above/Below/Between: below  
Percentage Points: 39.3  
Cap\_strike: 39.3  
Floor\_strike: n/a

**538APPROVE-23AUG02-T42.7**

Date: August 02, 2023  
Above/Below/Between: above  
Percentage Points: 42.7  
Cap\_strike: n/a  
Floor\_strike: 42.7

- Changes made to ticker APPROVE (Category: Economic/Demographic Measure - non-US Govt, Product Name: What will Joe Biden's approval rating be? ) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**APRPOTUS-23AUG04-B41.8**

Percentage Points: 41.7 and 41.9  
Above/below/between: between  
Date: August 04, 2023  
Cap\_strike: 41.9  
Floor\_strike: 41.7

**APRPOTUS-23AUG04-B42.1**

Percentage Points: 42.0 and 42.2  
Above/below/between: between  
Date: August 04, 2023  
Cap\_strike: 42.2  
Floor\_strike: 42.0

**APRPOTUS-23AUG04-B42.4**

Percentage Points: 42.3 and 42.5  
Above/below/between: between  
Date: August 04, 2023  
Cap\_strike: 42.5  
Floor\_strike: 42.3

**APRPOTUS-23AUG04-B42.7**

Percentage Points: 42.6 and 42.8  
Above/below/between: between  
Date: August 04, 2023  
Cap\_strike: 42.8  
Floor\_strike: 42.6

**APRPOTUS-23AUG04-B43.0**

Percentage Points: 42.9 and 43.1  
Above/below/between: between  
Date: August 04, 2023  
Cap\_strike: 43.1  
Floor\_strike: 42.9

**APRPOTUS-23AUG04-B43.3**

Percentage Points: 43.2 and 43.4  
Above/below/between: between  
Date: August 04, 2023  
Cap\_strike: 43.4  
Floor\_strike: 43.2

**APRPOTUS-23AUG04-B43.6**

Percentage Points: 43.5 and 43.7  
Above/below/between: between  
Date: August 04, 2023  
Cap\_strike: 43.7  
Floor\_strike: 43.5

**APRPOTUS-23AUG04-T41.7**

Percentage Points: 41.7  
Above/below/between: below  
Date: August 04, 2023  
Cap\_strike: NA  
Floor\_strike: NA

**APRPOTUS-23AUG04-T43.7**

Percentage Points: 43.7  
Above/below/between: above  
Date: August 04, 2023  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker AUSHIGH (Category: Weather/Climate, Product Name: Will the high temperature in Austin be ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**HIGHAUS-23JUL24-B101.5**

Date: July 24, 2023  
Degrees: 101-102  
Greater than/Less than/Between: between  
Cap\_strike: 102  
Floor\_strike: 101

**HIGHAUS-23JUL24-B103.5**

Date: July 24, 2023  
Degrees: 103-104  
Greater than/Less than/Between: between  
Cap\_strike: 104  
Floor\_strike: 103

**HIGHAUS-23JUL24-B97.5**

Date: July 24, 2023  
Degrees: 97-98  
Greater than/Less than/Between: between  
Cap\_strike: 98  
Floor\_strike: 97

**HIGHAUS-23JUL24-B99.5**

Date: July 24, 2023  
Degrees: 99-100  
Greater than/Less than/Between: between  
Cap\_strike: 100  
Floor\_strike: 99

**HIGHAUS-23JUL24-T104**

Date: July 24, 2023  
Degrees: 104  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL24-T97**

Date: July 24, 2023  
Degrees: 97  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL25-B100.5**

Date: July 25, 2023  
Degrees: 100-101  
Greater than/Less than/Between: between  
Cap\_strike: 101  
Floor\_strike: 100

**HIGHAUS-23JUL25-B102.5**

Date: July 25, 2023  
Degrees: 102-103  
Greater than/Less than/Between: between  
Cap\_strike: 103  
Floor\_strike: 102

**HIGHAUS-23JUL25-B96.5**

Date: July 25, 2023  
Degrees: 96-97  
Greater than/Less than/Between: between  
Cap\_strike: 97  
Floor\_strike: 96

**HIGHAUS-23JUL25-B98.5**

Date: July 25, 2023  
Degrees: 98-99

Greater than/Less than/Between: between  
Cap\_strike: 99  
Floor\_strike: 98

**HIGHAUS-23JUL25-T103**

Date: July 25, 2023  
Degrees: 103  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL25-T96**

Date: July 25, 2023  
Degrees: 96  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL26-B101.5**

Date: July 26, 2023  
Degrees: 101-102  
Greater than/Less than/Between: between  
Cap\_strike: 102  
Floor\_strike: 101

**HIGHAUS-23JUL26-B103.5**

Date: July 26, 2023  
Degrees: 103-104  
Greater than/Less than/Between: between  
Cap\_strike: 104  
Floor\_strike: 103

**HIGHAUS-23JUL26-B97.5**

Date: July 26, 2023  
Degrees: 97-98  
Greater than/Less than/Between: between  
Cap\_strike: 98  
Floor\_strike: 97

**HIGHAUS-23JUL26-B99.5**

Date: July 26, 2023  
Degrees: 99-100  
Greater than/Less than/Between: between  
Cap\_strike: 100  
Floor\_strike: 99

**HIGHAUS-23JUL26-T104**

Date: July 26, 2023  
Degrees: 104  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL26-T97**

Date: July 26, 2023  
Degrees: 97  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL27-B101.5**

Date: July 27, 2023  
Degrees: 101-102  
Greater than/Less than/Between: between  
Cap\_strike: 102  
Floor\_strike: 101

**HIGHAUS-23JUL27-B103.5**

Date: July 27, 2023  
Degrees: 103-104  
Greater than/Less than/Between: between  
Cap\_strike: 104  
Floor\_strike: 103

**HIGHAUS-23JUL27-B97.5**

Date: July 27, 2023  
Degrees: 97-98  
Greater than/Less than/Between: between  
Cap\_strike: 98  
Floor\_strike: 97

**HIGHAUS-23JUL27-B99.5**

Date: July 27, 2023  
Degrees: 99-100  
Greater than/Less than/Between: between  
Cap\_strike: 100  
Floor\_strike: 99

**HIGHAUS-23JUL27-T104**

Date: July 27, 2023  
Degrees: 104  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL27-T97**

Date: July 27, 2023  
Degrees: 97  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL28-B100.5**

Date: July 28, 2023  
Degrees: 100-101  
Greater than/Less than/Between: between  
Cap\_strike: 101  
Floor\_strike: 100

**HIGHAUS-23JUL28-B102.5**

Date: July 28, 2023  
Degrees: 102-103  
Greater than/Less than/Between: between  
Cap\_strike: 103  
Floor\_strike: 102

**HIGHAUS-23JUL28-B96.5**

Date: July 28, 2023  
Degrees: 96-97

Greater than/Less than/Between: between  
Cap\_strike: 97  
Floor\_strike: 96

**HIGHAUS-23JUL28-B98.5**

Date: July 28, 2023  
Degrees: 98-99  
Greater than/Less than/Between: between  
Cap\_strike: 99  
Floor\_strike: 98

**HIGHAUS-23JUL28-T103**

Date: July 28, 2023  
Degrees: 103  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL28-T96**

Date: July 28, 2023  
Degrees: 96  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL29-B100.5**

Date: July 29, 2023  
Degrees: 100-101  
Greater than/Less than/Between: between  
Cap\_strike: 101  
Floor\_strike: 100

**HIGHAUS-23JUL29-B102.5**

Date: July 29, 2023  
Degrees: 102-103  
Greater than/Less than/Between: between  
Cap\_strike: 103  
Floor\_strike: 102

**HIGHAUS-23JUL29-B96.5**

Date: July 29, 2023  
Degrees: 96-97  
Greater than/Less than/Between: between  
Cap\_strike: 97  
Floor\_strike: 96

**HIGHAUS-23JUL29-B98.5**

Date: July 29, 2023  
Degrees: 98-99  
Greater than/Less than/Between: between  
Cap\_strike: 99  
Floor\_strike: 98

**HIGHAUS-23JUL29-T103**

Date: July 29, 2023  
Degrees: 103  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL29-T96**

Date: July 29, 2023  
Degrees: 96  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL30-B101.5**

Date: July 30, 2023  
Degrees: 101-102  
Greater than/Less than/Between: between  
Cap\_strike: 102  
Floor\_strike: 101

**HIGHAUS-23JUL30-B103.5**

Date: July 30, 2023  
Degrees: 103-104  
Greater than/Less than/Between: between  
Cap\_strike: 104  
Floor\_strike: 103

**HIGHAUS-23JUL30-B105.5**

Date: July 30, 2023  
Degrees: 105-106  
Greater than/Less than/Between: between  
Cap\_strike: 106  
Floor\_strike: 105

**HIGHAUS-23JUL30-B99.5**

Date: July 30, 2023  
Degrees: 99-100  
Greater than/Less than/Between: between  
Cap\_strike: 100  
Floor\_strike: 99

**HIGHAUS-23JUL30-T106**

Date: July 30, 2023  
Degrees: 106  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL30-T99**

Date: July 30, 2023  
Degrees: 99  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker CHIHIGH (Category: Weather/Climate, Product Name: What will the high temperature be in Chicago?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**HIGHCHI-23JUL24-B84.5**

Date: July 24, 2023  
Degrees: 84-85  
Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84



**HIGHCHI-23JUL24-B86.5**

Date: July 24, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHCHI-23JUL24-B88.5**

Date: July 24, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHCHI-23JUL24-B90.5**

Date: July 24, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHCHI-23JUL24-T84**

Date: July 24, 2023  
Degrees: 84  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL24-T91**

Date: July 24, 2023  
Degrees: 91  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL25-B86.5**

Date: July 25, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHCHI-23JUL25-B88.5**

Date: July 25, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHCHI-23JUL25-B90.5**

Date: July 25, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHCHI-23JUL25-B92.5**

Date: July 25, 2023  
Degrees: 92-93

Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHCHI-23JUL25-T86**

Date: July 25, 2023  
Degrees: 86  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL25-T93**

Date: July 25, 2023  
Degrees: 93  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL26-B86.5**

Date: July 26, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHCHI-23JUL26-B88.5**

Date: July 26, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHCHI-23JUL26-B90.5**

Date: July 26, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHCHI-23JUL26-B92.5**

Date: July 26, 2023  
Degrees: 92-93  
Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHCHI-23JUL26-T86**

Date: July 26, 2023  
Degrees: 86  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL26-T93**

Date: July 26, 2023  
Degrees: 93  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL27-B84.5**

Date: July 27, 2023  
Degrees: 84-85  
Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84

**HIGHCHI-23JUL27-B86.5**

Date: July 27, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHCHI-23JUL27-B88.5**

Date: July 27, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHCHI-23JUL27-B90.5**

Date: July 27, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHCHI-23JUL27-T84**

Date: July 27, 2023  
Degrees: 84  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL27-T91**

Date: July 27, 2023  
Degrees: 91  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL28-B88.5**

Date: July 28, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHCHI-23JUL28-B90.5**

Date: July 28, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHCHI-23JUL28-B92.5**

Date: July 28, 2023  
Degrees: 92-93

Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHCHI-23JUL28-B94.5**

Date: July 28, 2023  
Degrees: 94-95  
Greater than/Less than/Between: between  
Cap\_strike: 95  
Floor\_strike: 94

**HIGHCHI-23JUL28-T88**

Date: July 28, 2023  
Degrees: 88  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL28-T95**

Date: July 28, 2023  
Degrees: 95  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL29-B78.5**

Date: July 29, 2023  
Degrees: 78-79  
Greater than/Less than/Between: between  
Cap\_strike: 79  
Floor\_strike: 78

**HIGHCHI-23JUL29-B80.5**

Date: July 29, 2023  
Degrees: 80-81  
Greater than/Less than/Between: between  
Cap\_strike: 81  
Floor\_strike: 80

**HIGHCHI-23JUL29-B82.5**

Date: July 29, 2023  
Degrees: 82-83  
Greater than/Less than/Between: between  
Cap\_strike: 83  
Floor\_strike: 82

**HIGHCHI-23JUL29-B84.5**

Date: July 29, 2023  
Degrees: 84-85  
Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84

**HIGHCHI-23JUL29-T78**

Date: July 29, 2023  
Degrees: 78  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL29-T85**

Date: July 29, 2023

Degrees: 85

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHCHI-23JUL30-B74.5**

Date: July 30, 2023

Degrees: 74-75

Greater than/Less than/Between: between

Cap\_strike: 75

Floor\_strike: 74

**HIGHCHI-23JUL30-B76.5**

Date: July 30, 2023

Degrees: 76-77

Greater than/Less than/Between: between

Cap\_strike: 77

Floor\_strike: 76

**HIGHCHI-23JUL30-B78.5**

Date: July 30, 2023

Degrees: 78-79

Greater than/Less than/Between: between

Cap\_strike: 79

Floor\_strike: 78

**HIGHCHI-23JUL30-B80.5**

Date: July 30, 2023

Degrees: 80-81

Greater than/Less than/Between: between

Cap\_strike: 81

Floor\_strike: 80

**HIGHCHI-23JUL30-T74**

Date: July 30, 2023

Degrees: 74

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHCHI-23JUL30-T81**

Date: July 30, 2023

Degrees: 81

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

- Changes made to ticker EURUSD (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will EUR/USD be {above/below/between} {count}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**EURUSD-23JUL2410-B1.109**

Count: 1.10800-1.10999

Date: July 24, 2023

Above/Below/Between: between

Cap\_strike: 1.10999

Floor\_strike: 1.10800

Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2410-B1.111**  
Count: 1.11000-1.11199  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11199  
Floor\_strike: 1.11000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2410-B1.113**  
Count: 1.11200-1.11399  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11399  
Floor\_strike: 1.11200  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2410-B1.115**  
Count: 1.11400-1.11599  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11599  
Floor\_strike: 1.11400  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2410-B1.117**  
Count: 1.11600-1.11799  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11799  
Floor\_strike: 1.11600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2410-T1.10800**  
Count: 1.10800  
Date: July 24, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2410-T1.11799**  
Count: 1.11799  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2418-B1.105**  
Count: 1.10400-1.10599

Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10599  
Floor\_strike: 1.10400  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2418-B1.107**

Count: 1.10600-1.10799  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10799  
Floor\_strike: 1.10600  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2418-B1.109**

Count: 1.10800-1.10999  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10999  
Floor\_strike: 1.10800  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2418-B1.111**

Count: 1.11000-1.11199  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11199  
Floor\_strike: 1.11000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2418-B1.113**

Count: 1.11200-1.11399  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11399  
Floor\_strike: 1.11200  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2418-T1.10400**

Count: 1.10400  
Date: July 24, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2418-T1.11399**

Count: 1.11399  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT

Expiration Time: 7 PM EDT

**EURUSD-23JUL2510-B1.103**

Count: 1.10200-1.10399

Date: July 25, 2023

Above/Below/Between: between

Cap\_strike: 1.10399

Floor\_strike: 1.10200

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2510-B1.105**

Count: 1.10400-1.10599

Date: July 25, 2023

Above/Below/Between: between

Cap\_strike: 1.10599

Floor\_strike: 1.10400

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2510-B1.107**

Count: 1.10600-1.10799

Date: July 25, 2023

Above/Below/Between: between

Cap\_strike: 1.10799

Floor\_strike: 1.10600

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2510-B1.109**

Count: 1.10800-1.10999

Date: July 25, 2023

Above/Below/Between: between

Cap\_strike: 1.10999

Floor\_strike: 1.10800

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2510-B1.111**

Count: 1.11000-1.11199

Date: July 25, 2023

Above/Below/Between: between

Cap\_strike: 1.11199

Floor\_strike: 1.11000

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2510-T1.10200**

Count: 1.10200

Date: July 25, 2023

Above/Below/Between: below

Cap\_strike: NA

Floor\_strike: NA

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2510-T1.11199**

Count: 1.11199

Date: July 25, 2023



Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2518-B1.099**  
Count: 1.09800-1.09999  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 1.09999  
Floor\_strike: 1.09800  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2518-B1.101**  
Count: 1.10000-1.10199  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10199  
Floor\_strike: 1.10000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2518-B1.103**  
Count: 1.10200-1.10399  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10399  
Floor\_strike: 1.10200  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2518-B1.105**  
Count: 1.10400-1.10599  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10599  
Floor\_strike: 1.10400  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2518-B1.107**  
Count: 1.10600-1.10799  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10799  
Floor\_strike: 1.10600  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2518-T1.09800**  
Count: 1.09800  
Date: July 25, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2518-T1.10799**

Count: 1.10799  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2610-B1.101**

Count: 1.10000-1.10199  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10199  
Floor\_strike: 1.10000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2610-B1.103**

Count: 1.10200-1.10399  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10399  
Floor\_strike: 1.10200  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2610-B1.105**

Count: 1.10400-1.10599  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10599  
Floor\_strike: 1.10400  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2610-B1.107**

Count: 1.10600-1.10799  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10799  
Floor\_strike: 1.10600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2610-B1.109**

Count: 1.10800-1.10999  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10999  
Floor\_strike: 1.10800  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2610-T1.10000**

Count: 1.10000  
Date: July 26, 2023  
Above/Below/Between: below  
Cap\_strike: NA

Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2610-T1.10999**

Count: 1.10999  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2618-B1.103**

Count: 1.10200-1.10399  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10399  
Floor\_strike: 1.10200  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2618-B1.105**

Count: 1.10400-1.10599  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10599  
Floor\_strike: 1.10400  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2618-B1.107**

Count: 1.10600-1.10799  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10799  
Floor\_strike: 1.10600  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2618-B1.109**

Count: 1.10800-1.10999  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10999  
Floor\_strike: 1.10800  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2618-B1.111**

Count: 1.11000-1.11199  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11199  
Floor\_strike: 1.11000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2618-T1.10200**

Count: 1.10200  
Date: July 26, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2618-T1.11199**

Count: 1.11199  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2710-B1.105**

Count: 1.10400-1.10599  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10599  
Floor\_strike: 1.10400  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2710-B1.107**

Count: 1.10600-1.10799  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10799  
Floor\_strike: 1.10600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2710-B1.109**

Count: 1.10800-1.10999  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10999  
Floor\_strike: 1.10800  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2710-B1.111**

Count: 1.11000-1.11199  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11199  
Floor\_strike: 1.11000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2710-B1.113**

Count: 1.11200-1.11399  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11399  
Floor\_strike: 1.11200

Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2710-T1.10400**

Count: 1.10400  
Date: July 27, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2710-T1.11399**

Count: 1.11399  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2718-B1.097**

Count: 1.09600-1.09799  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.09799  
Floor\_strike: 1.09600  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2718-B1.099**

Count: 1.09800-1.09999  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.09999  
Floor\_strike: 1.09800  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2718-B1.101**

Count: 1.10000-1.10199  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10199  
Floor\_strike: 1.10000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2718-B1.103**

Count: 1.10200-1.10399  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10399  
Floor\_strike: 1.10200  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2718-B1.105**

Count: 1.10400-1.10599

Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10599  
Floor\_strike: 1.10400  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2718-T1.09600**

Count: 1.09600  
Date: July 27, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2718-T1.10599**

Count: 1.10599  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2810-B1.093**

Count: 1.09200-1.09399  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 1.09399  
Floor\_strike: 1.09200  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2810-B1.095**

Count: 1.09400-1.09599  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 1.09599  
Floor\_strike: 1.09400  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2810-B1.097**

Count: 1.09600-1.09799  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 1.09799  
Floor\_strike: 1.09600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2810-B1.099**

Count: 1.09800-1.09999  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 1.09999  
Floor\_strike: 1.09800  
Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2810-B1.101**

Count: 1.10000-1.10199

Date: July 28, 2023

Above/Below/Between: between

Cap\_strike: 1.10199

Floor\_strike: 1.10000

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2810-T1.09200**

Count: 1.09200

Date: July 28, 2023

Above/Below/Between: below

Cap\_strike: NA

Floor\_strike: NA

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2810-T1.10199**

Count: 1.10199

Date: July 28, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSDH-23JUL2515-T1.09660**

Count: 1.09660

Date: July 25, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Time: 3 PM EDT

Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.09780**

Count: 1.09780

Date: July 25, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Time: 3 PM EDT

Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.09900**

Count: 1.09900

Date: July 25, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Time: 3 PM EDT

Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.10020**

Count: 1.10020

Date: July 25, 2023

Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.10140**

Count: 1.10140  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.10260**

Count: 1.10260  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.10380**

Count: 1.10380  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.10500**

Count: 1.10500  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.10620**

Count: 1.10620  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.10740**

Count: 1.10740  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT



**EURUSDH-23JUL2515-T1.10860**

Count: 1.10860  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.10980**

Count: 1.10980  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.11100**

Count: 1.11100  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.11220**

Count: 1.11220  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2515-T1.11340**

Count: 1.11340  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.09460**

Count: 1.09460  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.09580**

Count: 1.09580  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA

Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.09700**

Count: 1.09700  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.09820**

Count: 1.09820  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.09940**

Count: 1.09940  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.10060**

Count: 1.10060  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.10180**

Count: 1.10180  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.10300**

Count: 1.10300  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.10420**

Count: 1.10420  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.10540**

Count: 1.10540  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.10660**

Count: 1.10660  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.10780**

Count: 1.10780  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.10900**

Count: 1.10900  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.11020**

Count: 1.11020  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2615-T1.11140**

Count: 1.11140  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.09860**

Count: 1.09860  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.09980**

Count: 1.09980  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.10100**

Count: 1.10100  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.10220**

Count: 1.10220  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.10340**

Count: 1.10340  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.10460**

Count: 1.10460  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.10580**

Count: 1.10580

Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.10700**

Count: 1.10700  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.10820**

Count: 1.10820  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.10940**

Count: 1.10940  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.11060**

Count: 1.11060  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.11180**

Count: 1.11180  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.11300**

Count: 1.11300  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT

Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.11420**

Count: 1.11420  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2715-T1.11540**

Count: 1.11540  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.08660**

Count: 1.08660  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.08780**

Count: 1.08780  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.08900**

Count: 1.08900  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09020**

Count: 1.09020  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09140**

Count: 1.09140  
Date: July 28, 2023

Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09260**

Count: 1.09260  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09380**

Count: 1.09380  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09500**

Count: 1.09500  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09620**

Count: 1.09620  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09740**

Count: 1.09740  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09860**

Count: 1.09860  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.09980**

Count: 1.09980  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.10100**

Count: 1.10100  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.10220**

Count: 1.10220  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2815-T1.10340**

Count: 1.10340  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.09260**

Count: 1.09260  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.09380**

Count: 1.09380  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.09500**

Count: 1.09500  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA



Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.09620**

Count: 1.09620  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.09740**

Count: 1.09740  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.09860**

Count: 1.09860  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.09980**

Count: 1.09980  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.10100**

Count: 1.10100  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.10220**

Count: 1.10220  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.10340**

Count: 1.10340  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.10460**

Count: 1.10460  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.10580**

Count: 1.10580  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.10700**

Count: 1.10700  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.10820**

Count: 1.10820  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL3115-T1.10940**

Count: 1.10940  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

- Changes made to ticker FEDDECISION (Category: Political Decision, Product Name: Will the Federal Reserve do at ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**FEDDECISION-23SEP-C25**

Hike or Cut: Cut

Count: 25bps  
Meeting: September 20, 2023

**FEDDECISION-23SEP-C>25**

Hike or Cut: Cut  
Count: >25bps  
Meeting: September 20, 2023

**FEDDECISION-23SEP-H0**

Hike or Cut: Hike  
Count: 0bps  
Meeting: September 20, 2023

**FEDDECISION-23SEP-H25**

Hike or Cut: Hike  
Count: 25bps  
Meeting: September 20, 2023

**FEDDECISION-23SEP-H>25**

Hike or Cut: Hike  
Count: >25bps  
Meeting: September 20, 2023

- Changes made to ticker FRM (Category: Economic/Demographic Measure - US Govt, Product Name: Will the 30-Yr FRM be above {interest rate}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**FRM-23AUG03-T6.6**

Interest Rate: 6.6  
Date: August 03, 2023  
Expo\_Date: August 10, 2023

**FRM-23AUG03-T6.7**

Interest Rate: 6.7  
Date: August 03, 2023  
Expo\_Date: August 10, 2023

**FRM-23AUG03-T6.8**

Interest Rate: 6.8  
Date: August 03, 2023  
Expo\_Date: August 10, 2023

**FRM-23AUG03-T6.9**

Interest Rate: 6.9  
Date: August 03, 2023  
Expo\_Date: August 10, 2023

**FRM-23AUG03-T7.0**

Interest Rate: 7.0  
Date: August 03, 2023  
Expo\_Date: August 10, 2023

- Changes made to ticker GAS (Category: Economic/Demographic Measure - US Govt, Product Name: What will average gas prices be?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**GAS-23JUL31-T3.40**

Date: July 31, 2023  
Price: \$3.40

Expo\_date: August 14, 2023

**GAS-23JUL31-T3.45**

Date: July 31, 2023

Price: \$3.45

Expo\_date: August 14, 2023

**GAS-23JUL31-T3.50**

Date: July 31, 2023

Price: \$3.50

Expo\_date: August 14, 2023

**GAS-23JUL31-T3.55**

Date: July 31, 2023

Price: \$3.55

Expo\_date: August 14, 2023

**GAS-23JUL31-T3.60**

Date: July 31, 2023

Price: \$3.60

Expo\_date: August 14, 2023

**GAS-23JUL31-T3.65**

Date: July 31, 2023

Price: \$3.65

Expo\_date: August 14, 2023

**GAS-23JUL31-T3.70**

Date: July 31, 2023

Price: \$3.70

Expo\_date: August 14, 2023

- Changes made to ticker INX (Category: Commodity Price, Product Name: Will \$INX close on ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**INXD-23JUL25-B4462**

Value: 4450-4474.99

Date: July 25, 2023

Above/Below/Between: between

Cap\_strike: 4474.99

Floor\_strike: 4450

Preliminary Determination: No

Early EOD Value: 4567.54

**INXD-23JUL25-B4487**

Value: 4475-4499.99

Date: July 25, 2023

Above/Below/Between: between

Cap\_strike: 4499.99

Floor\_strike: 4475

Preliminary Determination: No

Early EOD Value: 4567.54

**INXD-23JUL25-B4512**

Value: 4500-4524.99

Date: July 25, 2023

Above/Below/Between: between

Cap\_strike: 4524.99

Floor\_strike: 4500

Preliminary Determination: No  
Early EOD Value: 4567.54

**INXD-23JUL25-B4537**

Value: 4525-4549.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXD-23JUL25-B4562**

Value: 4550-4574.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: Yes  
Early EOD Value: 4567.54

**INXD-23JUL25-B4587**

Value: 4575-4599.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXD-23JUL25-B4612**

Value: 4600-4624.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 4624.99  
Floor\_strike: 4600  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXD-23JUL25-B4637**

Value: 4625-4649.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 4649.99  
Floor\_strike: 4625  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXD-23JUL25-T4450**

Value: 4450  
Date: July 25, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXD-23JUL25-T4649.99**

Value: 4649.99

Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXD-23JUL26-B4462**

Value: 4450-4474.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 4474.99  
Floor\_strike: 4450  
Preliminary Determination: No  
Early EOD Value: 4566.95

**INXD-23JUL26-B4487**

Value: 4475-4499.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4475  
Preliminary Determination: No  
Early EOD Value: 4566.95

**INXD-23JUL26-B4512**

Value: 4500-4524.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500  
Preliminary Determination: No  
Early EOD Value: 4566.95

**INXD-23JUL26-B4537**

Value: 4525-4549.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: No  
Early EOD Value: 4566.95

**INXD-23JUL26-B4562**

Value: 4550-4574.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: Yes  
Early EOD Value: 4566.95

**INXD-23JUL26-B4587**

Value: 4575-4599.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575  
Preliminary Determination: No

Early EOD Value: 4566.95

**INXD-23JUL26-B4612**

Value: 4600-4624.99

Date: July 26, 2023

Above/Below/Between: between

Cap\_strike: 4624.99

Floor\_strike: 4600

Preliminary Determination: No

Early EOD Value: 4566.95

**INXD-23JUL26-B4637**

Value: 4625-4649.99

Date: July 26, 2023

Above/Below/Between: between

Cap\_strike: 4649.99

Floor\_strike: 4625

Preliminary Determination: No

Early EOD Value: 4566.95

**INXD-23JUL26-T4450**

Value: 4450

Date: July 26, 2023

Above/Below/Between: below

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: No

Early EOD Value: 4566.95

**INXD-23JUL26-T4649.99**

Value: 4649.99

Date: July 26, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: No

Early EOD Value: 4566.95

**INXD-23JUL27-B4462**

Value: 4450-4474.99

Date: July 27, 2023

Above/Below/Between: between

Cap\_strike: 4474.99

Floor\_strike: 4450

Preliminary Determination: No

Early EOD Value: 4537.43

**INXD-23JUL27-B4487**

Value: 4475-4499.99

Date: July 27, 2023

Above/Below/Between: between

Cap\_strike: 4499.99

Floor\_strike: 4475

Preliminary Determination: No

Early EOD Value: 4537.43

**INXD-23JUL27-B4512**

Value: 4500-4524.99

Date: July 27, 2023

Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXD-23JUL27-B4537**

Value: 4525-4549.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: Yes  
Early EOD Value: 4537.43

**INXD-23JUL27-B4562**

Value: 4550-4574.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXD-23JUL27-B4587**

Value: 4575-4599.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXD-23JUL27-B4612**

Value: 4600-4624.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 4624.99  
Floor\_strike: 4600  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXD-23JUL27-B4637**

Value: 4625-4649.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 4649.99  
Floor\_strike: 4625  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXD-23JUL27-T4450**

Value: 4450  
Date: July 27, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4537.43



**INXD-23JUL27-T4649.99**

Value: 4649.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXD-23JUL31-B4487**

Value: 4475-4499.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4475  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXD-23JUL31-B4512**

Value: 4500-4524.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXD-23JUL31-B4537**

Value: 4525-4549.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXD-23JUL31-B4562**

Value: 4550-4574.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXD-23JUL31-B4587**

Value: 4575-4599.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575  
Preliminary Determination: Yes  
Early EOD Value: 4589.14

**INXD-23JUL31-B4612**

Value: 4600-4624.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 4624.99

Floor\_strike: 4600  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXD-23JUL31-B4637**

Value: 4625-4649.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 4649.99  
Floor\_strike: 4625  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXD-23JUL31-B4662**

Value: 4650-4674.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 4674.99  
Floor\_strike: 4650  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXD-23JUL31-T4475**

Value: 4475  
Date: July 31, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXD-23JUL31-T4674.99**

Value: 4674.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXDU-23JUL25-T4424.99**

Value: 4424.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4449.99**

Value: 4449.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4474.99**

Value: 4474.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4499.99**

Value: 4499.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4524.99**

Value: 4524.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4549.99**

Value: 4549.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4574.99**

Value: 4574.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4599.99**

Value: 4599.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4624.99**

Value: 4624.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

Preliminary Determination: No  
Early EOD Value: 4567.54

**INXDU-23JUL25-T4649.99**

Value: 4649.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4567.54

**INXDU-23JUL26-T4424.99**

Value: 4424.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4449.99**

Value: 4449.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4474.99**

Value: 4474.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4499.99**

Value: 4499.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4524.99**

Value: 4524.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4549.99**

Value: 4549.99

Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4574.99**

Value: 4574.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4599.99**

Value: 4599.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4624.99**

Value: 4624.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4566.95

**INXDU-23JUL26-T4649.99**

Value: 4649.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4566.95

**INXDU-23JUL27-T4424.99**

Value: 4424.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4537.43

**INXDU-23JUL27-T4449.99**

Value: 4449.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

Early EOD Value: 4537.43

**INXDU-23JUL27-T4474.99**

Value: 4474.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4537.43

**INXDU-23JUL27-T4499.99**

Value: 4499.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4537.43

**INXDU-23JUL27-T4524.99**

Value: 4524.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4537.43

**INXDU-23JUL27-T4549.99**

Value: 4549.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXDU-23JUL27-T4574.99**

Value: 4574.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXDU-23JUL27-T4599.99**

Value: 4599.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXDU-23JUL27-T4624.99**

Value: 4624.99  
Date: July 27, 2023

Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXDU-23JUL27-T4649.99**

Value: 4649.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4537.43

**INXDU-23JUL28-T4399.99**

Value: 4399.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4424.99**

Value: 4424.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4449.99**

Value: 4449.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4474.99**

Value: 4474.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4499.99**

Value: 4499.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4524.99**

Value: 4524.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4549.99**

Value: 4549.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4574.99**

Value: 4574.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4599.99**

Value: 4599.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXDU-23JUL28-T4624.99**

Value: 4624.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXDU-23JUL31-T4449.99**

Value: 4449.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4474.99**

Value: 4474.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA



Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4499.99**

Value: 4499.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4524.99**

Value: 4524.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4549.99**

Value: 4549.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4574.99**

Value: 4574.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4599.99**

Value: 4599.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4624.99**

Value: 4624.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4649.99**

Value: 4649.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXDU-23JUL31-T4674.99**

Value: 4674.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4589.14

**INXW-23AUG04-B4437**

Value: 4425-4449.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4449.99  
Floor\_strike: 4425

**INXW-23AUG04-B4462**

Value: 4450-4474.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4474.99  
Floor\_strike: 4450

**INXW-23AUG04-B4487**

Value: 4475-4499.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4475

**INXW-23AUG04-B4512**

Value: 4500-4524.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500

**INXW-23AUG04-B4537**

Value: 4525-4549.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525

**INXW-23AUG04-B4562**

Value: 4550-4574.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550

**INXW-23AUG04-B4587**

Value: 4575-4599.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575

**INXW-23AUG04-B4612**

Value: 4600-4624.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4624.99  
Floor\_strike: 4600

**INXW-23AUG04-B4637**

Value: 4625-4649.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4649.99  
Floor\_strike: 4625

**INXW-23AUG04-B4662**

Value: 4650-4674.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4674.99  
Floor\_strike: 4650

**INXW-23AUG04-B4687**

Value: 4675-4699.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4699.99  
Floor\_strike: 4675

**INXW-23AUG04-B4712**

Value: 4700-4724.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4724.99  
Floor\_strike: 4700

**INXW-23AUG04-B4737**

Value: 4725-4749.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 4749.99  
Floor\_strike: 4725

**INXW-23AUG04-T4425**

Value: 4425  
Date: August 04, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA

**INXW-23AUG04-T4749.99**

Value: 4749.99  
Date: August 04, 2023  
Above/Below/Between: above  
Cap\_strike: NA

Floor\_strike: NA

- Changes made to ticker MEASLES (Category: Health/Science, Product Name: Will there be more than measles cases in ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**MEASLES-23-100**

Year: 2023

Count: 100

**MEASLES-23-200**

Year: 2023

Count: 200

**MEASLES-23-50**

Year: 2023

Count: 50

- Changes made to ticker MIAHIGH (Category: Weather/Climate, Product Name: Will the high temperature in Miami be ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**HIGHMIA-23JUL24-B91.5**

Date: July 24, 2023

Degrees: 91-92

Greater than/Less than/Between: between

Cap\_strike: 92

Floor\_strike: 91

**HIGHMIA-23JUL24-B93.5**

Date: July 24, 2023

Degrees: 93-94

Greater than/Less than/Between: between

Cap\_strike: 94

Floor\_strike: 93

**HIGHMIA-23JUL24-B95.5**

Date: July 24, 2023

Degrees: 95-96

Greater than/Less than/Between: between

Cap\_strike: 96

Floor\_strike: 95

**HIGHMIA-23JUL24-B97.5**

Date: July 24, 2023

Degrees: 97-98

Greater than/Less than/Between: between

Cap\_strike: 98

Floor\_strike: 97

**HIGHMIA-23JUL24-T91**

Date: July 24, 2023

Degrees: 91

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHMIA-23JUL24-T98**

Date: July 24, 2023

Degrees: 98

Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL25-B90.5**

Date: July 25, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHMIA-23JUL25-B92.5**

Date: July 25, 2023  
Degrees: 92-93  
Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHMIA-23JUL25-B94.5**

Date: July 25, 2023  
Degrees: 94-95  
Greater than/Less than/Between: between  
Cap\_strike: 95  
Floor\_strike: 94

**HIGHMIA-23JUL25-B96.5**

Date: July 25, 2023  
Degrees: 96-97  
Greater than/Less than/Between: between  
Cap\_strike: 97  
Floor\_strike: 96

**HIGHMIA-23JUL25-T90**

Date: July 25, 2023  
Degrees: 90  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL25-T97**

Date: July 25, 2023  
Degrees: 97  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL26-B88.5**

Date: July 26, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHMIA-23JUL26-B90.5**

Date: July 26, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHMIA-23JUL26-B92.5**

Date: July 26, 2023  
Degrees: 92-93  
Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHMIA-23JUL26-B94.5**

Date: July 26, 2023  
Degrees: 94-95  
Greater than/Less than/Between: between  
Cap\_strike: 95  
Floor\_strike: 94

**HIGHMIA-23JUL26-T88**

Date: July 26, 2023  
Degrees: 88  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL26-T95**

Date: July 26, 2023  
Degrees: 95  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL27-B86.5**

Date: July 27, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHMIA-23JUL27-B88.5**

Date: July 27, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHMIA-23JUL27-B90.5**

Date: July 27, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHMIA-23JUL27-B92.5**

Date: July 27, 2023  
Degrees: 92-93  
Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHMIA-23JUL27-T86**

Date: July 27, 2023  
Degrees: 86

Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL27-T93**

Date: July 27, 2023  
Degrees: 93  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL28-B85.5**

Date: July 28, 2023  
Degrees: 85-86  
Greater than/Less than/Between: between  
Cap\_strike: 86  
Floor\_strike: 85

**HIGHMIA-23JUL28-B87.5**

Date: July 28, 2023  
Degrees: 87-88  
Greater than/Less than/Between: between  
Cap\_strike: 88  
Floor\_strike: 87

**HIGHMIA-23JUL28-B89.5**

Date: July 28, 2023  
Degrees: 89-90  
Greater than/Less than/Between: between  
Cap\_strike: 90  
Floor\_strike: 89

**HIGHMIA-23JUL28-B91.5**

Date: July 28, 2023  
Degrees: 91-92  
Greater than/Less than/Between: between  
Cap\_strike: 92  
Floor\_strike: 91

**HIGHMIA-23JUL28-T85**

Date: July 28, 2023  
Degrees: 85  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL28-T92**

Date: July 28, 2023  
Degrees: 92  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL29-B87.5**

Date: July 29, 2023  
Degrees: 87-88  
Greater than/Less than/Between: between  
Cap\_strike: 88  
Floor\_strike: 87

**HIGHMIA-23JUL29-B89.5**

Date: July 29, 2023  
Degrees: 89-90  
Greater than/Less than/Between: between  
Cap\_strike: 90  
Floor\_strike: 89

**HIGHMIA-23JUL29-B91.5**

Date: July 29, 2023  
Degrees: 91-92  
Greater than/Less than/Between: between  
Cap\_strike: 92  
Floor\_strike: 91

**HIGHMIA-23JUL29-B93.5**

Date: July 29, 2023  
Degrees: 93-94  
Greater than/Less than/Between: between  
Cap\_strike: 94  
Floor\_strike: 93

**HIGHMIA-23JUL29-T87**

Date: July 29, 2023  
Degrees: 87  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL29-T94**

Date: July 29, 2023  
Degrees: 94  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL30-B87.5**

Date: July 30, 2023  
Degrees: 87-88  
Greater than/Less than/Between: between  
Cap\_strike: 88  
Floor\_strike: 87

**HIGHMIA-23JUL30-B89.5**

Date: July 30, 2023  
Degrees: 89-90  
Greater than/Less than/Between: between  
Cap\_strike: 90  
Floor\_strike: 89

**HIGHMIA-23JUL30-B91.5**

Date: July 30, 2023  
Degrees: 91-92  
Greater than/Less than/Between: between  
Cap\_strike: 92  
Floor\_strike: 91

**HIGHMIA-23JUL30-B93.5**

Date: July 30, 2023  
Degrees: 93-94



Greater than/Less than/Between: between  
Cap\_strike: 94  
Floor\_strike: 93

**HIGHMIA-23JUL30-T87**

Date: July 30, 2023  
Degrees: 87  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL30-T94**

Date: July 30, 2023  
Degrees: 94  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker NASDAQ100 (Category: Commodity Price, Product Name: Will the Nasdaq-100 close ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**NASDAQ100D-23JUL25-B15050**

Value: 15000 and 15099.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 15099.99  
Floor\_strike: 15000  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-B15150**

Value: 15100 and 15199.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 15199.99  
Floor\_strike: 15100  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-B15250**

Value: 15200 and 15299.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 15299.99  
Floor\_strike: 15200  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-B15350**

Value: 15300 and 15399.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 15399.99  
Floor\_strike: 15300  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-B15450**

Value: 15400 and 15499.99

Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-B15550**

Value: 15500 and 15599.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500  
Preliminary Determination: Yes  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-B15650**

Value: 15600 and 15699.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-B15750**

Value: 15700 and 15799.99  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99  
Floor\_strike: 15700  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-T15000**

Value: 15000  
Date: July 25, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL25-T15799.99**

Value: 15799.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15561.42

**NASDAQ100D-23JUL26-B15150**

Value: 15100 and 15199.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 15199.99  
Floor\_strike: 15100  
Preliminary Determination: No

Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-B15250**

Value: 15200 and 15299.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 15299.99  
Floor\_strike: 15200  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-B15350**

Value: 15300 and 15399.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 15399.99  
Floor\_strike: 15300  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-B15450**

Value: 15400 and 15499.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400  
Preliminary Determination: Yes  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-B15550**

Value: 15500 and 15599.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-B15650**

Value: 15600 and 15699.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-B15750**

Value: 15700 and 15799.99  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99  
Floor\_strike: 15700  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-B15850**

Value: 15800 and 15899.99  
Date: July 26, 2023

Above/Below/Between: between  
Cap\_strike: 15899.99  
Floor\_strike: 15800  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-T15100**

Value: 15100  
Date: July 26, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL26-T15899.99**

Value: 15899.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100D-23JUL27-B15150**

Value: 15100 and 15199.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 15199.99  
Floor\_strike: 15100  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-B15250**

Value: 15200 and 15299.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 15299.99  
Floor\_strike: 15200  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-B15350**

Value: 15300 and 15399.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 15399.99  
Floor\_strike: 15300  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-B15450**

Value: 15400 and 15499.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400  
Preliminary Determination: Yes  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-B15550**

Value: 15500 and 15599.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-B15650**

Value: 15600 and 15699.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-B15750**

Value: 15700 and 15799.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99  
Floor\_strike: 15700  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-B15850**

Value: 15800 and 15899.99  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 15899.99  
Floor\_strike: 15800  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-T15100**

Value: 15100  
Date: July 27, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL27-T15899.99**

Value: 15899.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15464.93

**NASDAQ100D-23JUL31-B15350**

Value: 15300 and 15399.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 15399.99

Floor\_strike: 15300  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-B15450**

Value: 15400 and 15499.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-B15550**

Value: 15500 and 15599.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-B15650**

Value: 15600 and 15699.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-B15750**

Value: 15700 and 15799.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99  
Floor\_strike: 15700  
Preliminary Determination: Yes  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-B15850**

Value: 15800 and 15899.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 15899.99  
Floor\_strike: 15800  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-B15950**

Value: 15900 and 15999.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 15999.99  
Floor\_strike: 15900  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-B16050**

Value: 16000 and 16099.99  
Date: July 31, 2023  
Above/Below/Between: between  
Cap\_strike: 16099.99  
Floor\_strike: 16000  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-T15300**

Value: 15300  
Date: July 31, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100D-23JUL31-T16099.99**

Value: 16099.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL25-T14899.99**

Value: 14899.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**NASDAQ100DU-23JUL25-T14999.99**

Value: 14999.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**NASDAQ100DU-23JUL25-T15099.99**

Value: 15099.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**NASDAQ100DU-23JUL25-T15199.99**

Value: 15199.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**NASDAQ100DU-23JUL25-T15299.99**

Value: 15299.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**NASDAQ100DU-23JUL25-T15399.99**

Value: 15399.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**NASDAQ100DU-23JUL25-T15499.99**

Value: 15499.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**NASDAQ100DU-23JUL25-T15599.99**

Value: 15599.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No

**NASDAQ100DU-23JUL25-T15699.99**

Value: 15699.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No

**NASDAQ100DU-23JUL25-T15799.99**

Value: 15799.99  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No

**NASDAQ100DU-23JUL26-T14999.99**

Value: 14999.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15099.99**

Value: 15099.99  
Date: July 26, 2023



Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15199.99**

Value: 15199.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15299.99**

Value: 15299.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15399.99**

Value: 15399.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15499.99**

Value: 15499.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15599.99**

Value: 15599.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15699.99**

Value: 15699.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15799.99**

Value: 15799.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL26-T15899.99**

Value: 15899.99  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15499.26

**NASDAQ100DU-23JUL27-T14999.99**

Value: 14999.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15099.99**

Value: 15099.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15199.99**

Value: 15199.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15299.99**

Value: 15299.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15399.99**

Value: 15399.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15499.99**

Value: 15499.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15599.99**

Value: 15599.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15699.99**

Value: 15699.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15799.99**

Value: 15799.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL27-T15899.99**

Value: 15899.99  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL28-T14899.99**

Value: 14899.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T14999.99**

Value: 14999.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T15099.99**

Value: 15099.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T15199.99**

Value: 15199.99  
Date: July 28, 2023  
Above/Below/Between: above

Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T15299.99**

Value: 15299.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T15399.99**

Value: 15399.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T15499.99**

Value: 15499.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T15599.99**

Value: 15599.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T15699.99**

Value: 15699.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL28-T15799.99**

Value: 15799.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100DU-23JUL31-T15199.99**

Value: 15199.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T15299.99**

Value: 15299.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T15399.99**

Value: 15399.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T15499.99**

Value: 15499.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T15599.99**

Value: 15599.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T15699.99**

Value: 15699.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T15799.99**

Value: 15799.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA

Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T15899.99**

Value: 15899.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T15999.99**

Value: 15999.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100DU-23JUL31-T16099.99**

Value: 16099.99  
Date: July 31, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15757.00

**NASDAQ100W-23AUG04-B15150**

Value: 15100 and 15199.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15199.99  
Floor\_strike: 15100

**NASDAQ100W-23AUG04-B15250**

Value: 15200 and 15299.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15299.99  
Floor\_strike: 15200

**NASDAQ100W-23AUG04-B15350**

Value: 15300 and 15399.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15399.99  
Floor\_strike: 15300

**NASDAQ100W-23AUG04-B15450**

Value: 15400 and 15499.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400

**NASDAQ100W-23AUG04-B15550**

Value: 15500 and 15599.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500

**NASDAQ100W-23AUG04-B15650**

Value: 15600 and 15699.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600

**NASDAQ100W-23AUG04-B15750**

Value: 15700 and 15799.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99  
Floor\_strike: 15700

**NASDAQ100W-23AUG04-B15850**

Value: 15800 and 15899.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15899.99  
Floor\_strike: 15800

**NASDAQ100W-23AUG04-B15950**

Value: 15900 and 15999.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 15999.99  
Floor\_strike: 15900

**NASDAQ100W-23AUG04-B16050**

Value: 16000 and 16099.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 16099.99  
Floor\_strike: 16000

**NASDAQ100W-23AUG04-B16150**

Value: 16100 and 16199.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 16199.99  
Floor\_strike: 16100

**NASDAQ100W-23AUG04-B16250**

Value: 16200 and 16299.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 16299.99  
Floor\_strike: 16200

**NASDAQ100W-23AUG04-B16350**

Value: 16300 and 16399.99  
Date: August 04, 2023  
Above/Below/Between: between  
Cap\_strike: 16399.99

Floor\_strike: 16300

**NASDAQ100W-23AUG04-T15100**

Value: 15100

Date: August 04, 2023

Above/Below/Between: below

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100W-23AUG04-T16399.99**

Value: 16399.99

Date: August 04, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

- Changes made to ticker NHIGH (Category: Weather/Climate, Product Name: What will the high temperature be in Central Park?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**HIGHNY-23JUL24-B81.5**

Date: July 24, 2023

Degrees: 81-82

Greater than/Less than/Between: between

Cap\_strike: 82

Floor\_strike: 81

**HIGHNY-23JUL24-B83.5**

Date: July 24, 2023

Degrees: 83-84

Greater than/Less than/Between: between

Cap\_strike: 84

Floor\_strike: 83

**HIGHNY-23JUL24-B85.5**

Date: July 24, 2023

Degrees: 85-86

Greater than/Less than/Between: between

Cap\_strike: 86

Floor\_strike: 85

**HIGHNY-23JUL24-B87.5**

Date: July 24, 2023

Degrees: 87-88

Greater than/Less than/Between: between

Cap\_strike: 88

Floor\_strike: 87

**HIGHNY-23JUL24-T81**

Date: July 24, 2023

Degrees: 81

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHNY-23JUL24-T88**

Date: July 24, 2023

Degrees: 88

Greater than/Less than/Between: greater than

Cap\_strike: NA



Floor\_strike: NA

**HIGHNY-23JUL25-B83.5**

Date: July 25, 2023

Degrees: 83-84

Greater than/Less than/Between: between

Cap\_strike: 84

Floor\_strike: 83

**HIGHNY-23JUL25-B85.5**

Date: July 25, 2023

Degrees: 85-86

Greater than/Less than/Between: between

Cap\_strike: 86

Floor\_strike: 85

**HIGHNY-23JUL25-B87.5**

Date: July 25, 2023

Degrees: 87-88

Greater than/Less than/Between: between

Cap\_strike: 88

Floor\_strike: 87

**HIGHNY-23JUL25-B89.5**

Date: July 25, 2023

Degrees: 89-90

Greater than/Less than/Between: between

Cap\_strike: 90

Floor\_strike: 89

**HIGHNY-23JUL25-T83**

Date: July 25, 2023

Degrees: 83

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHNY-23JUL25-T90**

Date: July 25, 2023

Degrees: 90

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHNY-23JUL26-B82.5**

Date: July 26, 2023

Degrees: 82-83

Greater than/Less than/Between: between

Cap\_strike: 83

Floor\_strike: 82

**HIGHNY-23JUL26-B84.5**

Date: July 26, 2023

Degrees: 84-85

Greater than/Less than/Between: between

Cap\_strike: 85

Floor\_strike: 84

**HIGHNY-23JUL26-B86.5**

Date: July 26, 2023

Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHNY-23JUL26-B88.5**

Date: July 26, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHNY-23JUL26-T82**

Date: July 26, 2023  
Degrees: 82  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL26-T89**

Date: July 26, 2023  
Degrees: 89  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL27-B93.5**

Date: July 27, 2023  
Degrees: 93-94  
Greater than/Less than/Between: between  
Cap\_strike: 94  
Floor\_strike: 93

**HIGHNY-23JUL27-B95.5**

Date: July 27, 2023  
Degrees: 95-96  
Greater than/Less than/Between: between  
Cap\_strike: 96  
Floor\_strike: 95

**HIGHNY-23JUL27-B97.5**

Date: July 27, 2023  
Degrees: 97-98  
Greater than/Less than/Between: between  
Cap\_strike: 98  
Floor\_strike: 97

**HIGHNY-23JUL27-B99.5**

Date: July 27, 2023  
Degrees: 99-100  
Greater than/Less than/Between: between  
Cap\_strike: 100  
Floor\_strike: 99

**HIGHNY-23JUL27-T100**

Date: July 27, 2023  
Degrees: 100  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL27-T93**

Date: July 27, 2023  
Degrees: 93  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL28-B90.5**

Date: July 28, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHNY-23JUL28-B92.5**

Date: July 28, 2023  
Degrees: 92-93  
Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHNY-23JUL28-B94.5**

Date: July 28, 2023  
Degrees: 94-95  
Greater than/Less than/Between: between  
Cap\_strike: 95  
Floor\_strike: 94

**HIGHNY-23JUL28-B96.5**

Date: July 28, 2023  
Degrees: 96-97  
Greater than/Less than/Between: between  
Cap\_strike: 97  
Floor\_strike: 96

**HIGHNY-23JUL28-T90**

Date: July 28, 2023  
Degrees: 90  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL28-T97**

Date: July 28, 2023  
Degrees: 97  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL29-B89.5**

Date: July 29, 2023  
Degrees: 89-90  
Greater than/Less than/Between: between  
Cap\_strike: 90  
Floor\_strike: 89

**HIGHNY-23JUL29-B91.5**

Date: July 29, 2023  
Degrees: 91-92

Greater than/Less than/Between: between  
Cap\_strike: 92  
Floor\_strike: 91

**HIGHNY-23JUL29-B93.5**

Date: July 29, 2023  
Degrees: 93-94  
Greater than/Less than/Between: between  
Cap\_strike: 94  
Floor\_strike: 93

**HIGHNY-23JUL29-B95.5**

Date: July 29, 2023  
Degrees: 95-96  
Greater than/Less than/Between: between  
Cap\_strike: 96  
Floor\_strike: 95

**HIGHNY-23JUL29-T89**

Date: July 29, 2023  
Degrees: 89  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL29-T96**

Date: July 29, 2023  
Degrees: 96  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL30-B80.5**

Date: July 30, 2023  
Degrees: 80-81  
Greater than/Less than/Between: between  
Cap\_strike: 81  
Floor\_strike: 80

**HIGHNY-23JUL30-B82.5**

Date: July 30, 2023  
Degrees: 82-83  
Greater than/Less than/Between: between  
Cap\_strike: 83  
Floor\_strike: 82

**HIGHNY-23JUL30-B84.5**

Date: July 30, 2023  
Degrees: 84-85  
Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84

**HIGHNY-23JUL30-B86.5**

Date: July 30, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHNY-23JUL30-T80**

Date: July 30, 2023

Degrees: 80

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHNY-23JUL30-T87**

Date: July 30, 2023

Degrees: 87

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

- Changes made to ticker TNOTE (Category: Economic/Demographic Measure - US Govt, Product Name: What will the yield of the 10-year U.S. treasury note be?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**TNOTED-23JUL25-B3.75**

Above/below/between: between

Date: Jul 25, 2023

Percent: 3.74-3.76

Cap\_strike: 3.76

Floor\_strike: 3.74

**TNOTED-23JUL25-B3.78**

Above/below/between: between

Date: Jul 25, 2023

Percent: 3.77-3.79

Cap\_strike: 3.79

Floor\_strike: 3.77

**TNOTED-23JUL25-B3.81**

Above/below/between: between

Date: Jul 25, 2023

Percent: 3.80-3.82

Cap\_strike: 3.82

Floor\_strike: 3.80

**TNOTED-23JUL25-B3.84**

Above/below/between: between

Date: Jul 25, 2023

Percent: 3.83-3.85

Cap\_strike: 3.85

Floor\_strike: 3.83

**TNOTED-23JUL25-B3.87**

Above/below/between: between

Date: Jul 25, 2023

Percent: 3.86-3.88

Cap\_strike: 3.88

Floor\_strike: 3.86

**TNOTED-23JUL25-B3.90**

Above/below/between: between

Date: Jul 25, 2023

Percent: 3.89-3.91

Cap\_strike: 3.91

Floor\_strike: 3.89

**TNOTED-23JUL25-B3.93**

Above/below/between: between  
Date: Jul 25, 2023  
Percent: 3.92-3.94  
Cap\_strike: 3.94  
Floor\_strike: 3.92

**TNOTED-23JUL25-B3.96**

Above/below/between: between  
Date: Jul 25, 2023  
Percent: 3.95-3.97  
Cap\_strike: 3.97  
Floor\_strike: 3.95

**TNOTED-23JUL25-B3.99**

Above/below/between: between  
Date: Jul 25, 2023  
Percent: 3.98-4.00  
Cap\_strike: 4.00  
Floor\_strike: 3.98

**TNOTED-23JUL25-T3.74**

Above/below/between: below  
Date: Jul 25, 2023  
Percent: 3.74  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL25-T4.00**

Above/below/between: above  
Date: Jul 25, 2023  
Percent: 4.00  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL26-B3.80**

Above/below/between: between  
Date: Jul 26, 2023  
Percent: 3.79-3.81  
Cap\_strike: 3.81  
Floor\_strike: 3.79

**TNOTED-23JUL26-B3.83**

Above/below/between: between  
Date: Jul 26, 2023  
Percent: 3.82-3.84  
Cap\_strike: 3.84  
Floor\_strike: 3.82

**TNOTED-23JUL26-B3.86**

Above/below/between: between  
Date: Jul 26, 2023  
Percent: 3.85-3.87  
Cap\_strike: 3.87  
Floor\_strike: 3.85

**TNOTED-23JUL26-B3.89**

Above/below/between: between  
Date: Jul 26, 2023

Percent: 3.88-3.90  
Cap\_strike: 3.90  
Floor\_strike: 3.88

**TNOTED-23JUL26-B3.92**

Above/below/between: between  
Date: Jul 26, 2023  
Percent: 3.91-3.93  
Cap\_strike: 3.93  
Floor\_strike: 3.91

**TNOTED-23JUL26-B3.95**

Above/below/between: between  
Date: Jul 26, 2023  
Percent: 3.94-3.96  
Cap\_strike: 3.96  
Floor\_strike: 3.94

**TNOTED-23JUL26-B3.98**

Above/below/between: between  
Date: Jul 26, 2023  
Percent: 3.97-3.99  
Cap\_strike: 3.99  
Floor\_strike: 3.97

**TNOTED-23JUL26-B4.01**

Above/below/between: between  
Date: Jul 26, 2023  
Percent: 4.00-4.02  
Cap\_strike: 4.02  
Floor\_strike: 4.00

**TNOTED-23JUL26-B4.04**

Above/below/between: between  
Date: Jul 26, 2023  
Percent: 4.03-4.05  
Cap\_strike: 4.05  
Floor\_strike: 4.03

**TNOTED-23JUL26-T3.79**

Above/below/between: below  
Date: Jul 26, 2023  
Percent: 3.79  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL26-T4.05**

Above/below/between: above  
Date: Jul 26, 2023  
Percent: 4.05  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL27-B3.75**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.74-3.76  
Cap\_strike: 3.76  
Floor\_strike: 3.74

**TNOTED-23JUL27-B3.78**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.77-3.79  
Cap\_strike: 3.79  
Floor\_strike: 3.77

**TNOTED-23JUL27-B3.81**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.80-3.82  
Cap\_strike: 3.82  
Floor\_strike: 3.80

**TNOTED-23JUL27-B3.84**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.83-3.85  
Cap\_strike: 3.85  
Floor\_strike: 3.83

**TNOTED-23JUL27-B3.87**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.86-3.88  
Cap\_strike: 3.88  
Floor\_strike: 3.86

**TNOTED-23JUL27-B3.90**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.89-3.91  
Cap\_strike: 3.91  
Floor\_strike: 3.89

**TNOTED-23JUL27-B3.93**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.92-3.94  
Cap\_strike: 3.94  
Floor\_strike: 3.92

**TNOTED-23JUL27-B3.96**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.95-3.97  
Cap\_strike: 3.97  
Floor\_strike: 3.95

**TNOTED-23JUL27-B3.99**

Above/below/between: between  
Date: Jul 27, 2023  
Percent: 3.98-4.00  
Cap\_strike: 4.00  
Floor\_strike: 3.98

**TNOTED-23JUL27-T3.74**

Above/below/between: below  
Date: Jul 27, 2023



Percent: 3.74  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL27-T4.00**  
Above/below/between: above  
Date: Jul 27, 2023  
Percent: 4.00  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL31-B3.85**  
Above/below/between: between  
Date: Jul 31, 2023  
Percent: 3.84-3.86  
Cap\_strike: 3.86  
Floor\_strike: 3.84

**TNOTED-23JUL31-B3.88**  
Above/below/between: between  
Date: Jul 31, 2023  
Percent: 3.87-3.89  
Cap\_strike: 3.89  
Floor\_strike: 3.87

**TNOTED-23JUL31-B3.91**  
Above/below/between: between  
Date: Jul 31, 2023  
Percent: 3.90-3.92  
Cap\_strike: 3.92  
Floor\_strike: 3.90

**TNOTED-23JUL31-B3.94**  
Above/below/between: between  
Date: Jul 31, 2023  
Percent: 3.93-3.95  
Cap\_strike: 3.95  
Floor\_strike: 3.93

**TNOTED-23JUL31-B3.97**  
Above/below/between: between  
Date: Jul 31, 2023  
Percent: 3.96-3.98  
Cap\_strike: 3.98  
Floor\_strike: 3.96

**TNOTED-23JUL31-B4.00**  
Above/below/between: between  
Date: Jul 31, 2023  
Percent: 3.99-4.01  
Cap\_strike: 4.01  
Floor\_strike: 3.99

**TNOTED-23JUL31-B4.03**  
Above/below/between: between  
Date: Jul 31, 2023  
Percent: 4.02-4.04  
Cap\_strike: 4.04  
Floor\_strike: 4.02

**TNOTED-23JUL31-B4.06**

Above/below/between: between  
Date: Jul 31, 2023  
Percent: 4.05-4.07  
Cap\_strike: 4.07  
Floor\_strike: 4.05

**TNOTED-23JUL31-B4.09**

Above/below/between: between  
Date: Jul 31, 2023  
Percent: 4.08-4.10  
Cap\_strike: 4.10  
Floor\_strike: 4.08

**TNOTED-23JUL31-T3.84**

Above/below/between: below  
Date: Jul 31, 2023  
Percent: 3.84  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL31-T4.10**

Above/below/between: above  
Date: Jul 31, 2023  
Percent: 4.10  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTEW-23AUG04-B3.79**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 3.78-3.80  
Cap\_strike: 3.80  
Floor\_strike: 3.78

**TNOTEW-23AUG04-B3.82**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 3.81-3.83  
Cap\_strike: 3.83  
Floor\_strike: 3.81

**TNOTEW-23AUG04-B3.85**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 3.84-3.86  
Cap\_strike: 3.86  
Floor\_strike: 3.84

**TNOTEW-23AUG04-B3.88**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 3.87-3.89  
Cap\_strike: 3.89  
Floor\_strike: 3.87

**TNOTEW-23AUG04-B3.91**

Above/below/between: between  
Date: Aug 4, 2023

Percent: 3.90-3.92  
Cap\_strike: 3.92  
Floor\_strike: 3.90

**TNOTEW-23AUG04-B3.94**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 3.93-3.95  
Cap\_strike: 3.95  
Floor\_strike: 3.93

**TNOTEW-23AUG04-B3.97**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 3.96-3.98  
Cap\_strike: 3.98  
Floor\_strike: 3.96

**TNOTEW-23AUG04-B4.00**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 3.99-4.01  
Cap\_strike: 4.01  
Floor\_strike: 3.99

**TNOTEW-23AUG04-B4.03**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 4.02-4.04  
Cap\_strike: 4.04  
Floor\_strike: 4.02

**TNOTEW-23AUG04-B4.06**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 4.05-4.07  
Cap\_strike: 4.07  
Floor\_strike: 4.05

**TNOTEW-23AUG04-B4.09**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 4.08-4.10  
Cap\_strike: 4.10  
Floor\_strike: 4.08

**TNOTEW-23AUG04-B4.12**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 4.11-4.13  
Cap\_strike: 4.13  
Floor\_strike: 4.11

**TNOTEW-23AUG04-B4.15**

Above/below/between: between  
Date: Aug 4, 2023  
Percent: 4.14-4.16  
Cap\_strike: 4.16  
Floor\_strike: 4.14

**TNOTEW-23AUG04-T3.78**

Above/below/between: below  
Date: Aug 4, 2023  
Percent: 3.78  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTEW-23AUG04-T4.16**

Above/below/between: above  
Date: Aug 4, 2023  
Percent: 4.16  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker TOPSONG (Category: Entertainment/Popular Culture, Product Name: Will be the #1 song on the Billboard Hot 100 for the week of ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**TOPSONG-23AUG5-FC**

Date: August 5, 2023  
Song: Fast Car by Luke Combs

**TOPSONG-23AUG5-KP**

Date: August 5, 2023  
Song: K-pop by Travis Scott

**TOPSONG-23AUG5-LN**

Date: August 5, 2023  
Song: Last Night by Morgan Wallen

**TOPSONG-23AUG5-S**

Date: August 5, 2023  
Song: Seven by Jung Kook

**TOPSONG-23AUG5-TTIAST**

Date: August 5, 2023  
Song: Try That In A Small Town by Jason Aldean

- Changes made to ticker TSAW (Category: Transportation, Product Name: How many people will be screened by the TSA on average this week?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**TSAW-23JUL30-A2.10**

Date: July 30, 2023  
Count: 2.1 million

**TSAW-23JUL30-A2.20**

Date: July 30, 2023  
Count: 2.2 million

**TSAW-23JUL30-A2.30**

Date: July 30, 2023  
Count: 2.3 million

**TSAW-23JUL30-A2.40**

Date: July 30, 2023  
Count: 2.4 million

**TSAW-23JUL30-A2.50**

Date: July 30, 2023  
Count: 2.5 million

**TSAW-23JUL30-A2.60**

Date: July 30, 2023  
Count: 2.6 million

- Changes made to ticker USDJPY (Category: Economic/Demographic Measure - non-US Govt, Product Name: Will USD/JPY be {above/below/between} {count}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**USDJPY-23JUL2410-B141.125**

Count: 141.000-141.249  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 141.249  
Floor\_strike: 141.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2410-B141.375**

Count: 141.250-141.499  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 141.499  
Floor\_strike: 141.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2410-B141.625**

Count: 141.500-141.749  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 141.749  
Floor\_strike: 141.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2410-B141.875**

Count: 141.750-141.999  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 141.999  
Floor\_strike: 141.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2410-B142.125**

Count: 142.000-142.249  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 142.249  
Floor\_strike: 142.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2410-T141.000**

Count: 141.000  
Date: July 24, 2023

Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2410-T142.249**

Count: 142.249  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2418-B140.625**

Count: 140.500-140.749  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 140.749  
Floor\_strike: 140.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2418-B140.875**

Count: 140.750-140.999  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 140.999  
Floor\_strike: 140.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2418-B141.125**

Count: 141.000-141.249  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 141.249  
Floor\_strike: 141.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2418-B141.375**

Count: 141.250-141.499  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 141.499  
Floor\_strike: 141.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2418-B141.625**

Count: 141.500-141.749  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 141.749  
Floor\_strike: 141.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2418-T140.500**

Count: 140.500  
Date: July 24, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2418-T141.749**

Count: 141.749  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2510-B140.875**

Count: 140.750-140.999  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 140.999  
Floor\_strike: 140.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2510-B141.125**

Count: 141.000-141.249  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 141.249  
Floor\_strike: 141.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2510-B141.375**

Count: 141.250-141.499  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 141.499  
Floor\_strike: 141.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2510-B141.625**

Count: 141.500-141.749  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 141.749  
Floor\_strike: 141.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2510-B141.875**

Count: 141.750-141.999  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 141.999

Floor\_strike: 141.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2510-T140.750**

Count: 140.750  
Date: July 25, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2510-T141.999**

Count: 141.999  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2518-B140.875**

Count: 140.750-140.999  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 140.999  
Floor\_strike: 140.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2518-B141.125**

Count: 141.000-141.249  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 141.249  
Floor\_strike: 141.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2518-B141.375**

Count: 141.250-141.499  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 141.499  
Floor\_strike: 141.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2518-B141.625**

Count: 141.500-141.749  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 141.749  
Floor\_strike: 141.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2518-B141.875**



Count: 141.750-141.999  
Date: July 25, 2023  
Above/Below/Between: between  
Cap\_strike: 141.999  
Floor\_strike: 141.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2518-T140.750**

Count: 140.750  
Date: July 25, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2518-T141.999**

Count: 141.999  
Date: July 25, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2610-B140.375**

Count: 140.250-140.499  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 140.499  
Floor\_strike: 140.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2610-B140.625**

Count: 140.500-140.749  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 140.749  
Floor\_strike: 140.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2610-B140.875**

Count: 140.750-140.999  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 140.999  
Floor\_strike: 140.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2610-B141.125**

Count: 141.000-141.249  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 141.249  
Floor\_strike: 141.000

Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2610-B141.375**

Count: 141.250-141.499  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 141.499  
Floor\_strike: 141.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2610-T140.250**

Count: 140.250  
Date: July 26, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2610-T141.499**

Count: 141.499  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2618-B139.875**

Count: 139.750-139.999  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 139.999  
Floor\_strike: 139.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2618-B140.125**

Count: 140.000-140.249  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 140.249  
Floor\_strike: 140.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2618-B140.375**

Count: 140.250-140.499  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 140.499  
Floor\_strike: 140.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2618-B140.625**

Count: 140.500-140.749

Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 140.749  
Floor\_strike: 140.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2618-B140.875**

Count: 140.750-140.999  
Date: July 26, 2023  
Above/Below/Between: between  
Cap\_strike: 140.999  
Floor\_strike: 140.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2618-T139.750**

Count: 139.750  
Date: July 26, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2618-T140.999**

Count: 140.999  
Date: July 26, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2710-B139.625**

Count: 139.500-139.749  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 139.749  
Floor\_strike: 139.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2710-B139.875**

Count: 139.750-139.999  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 139.999  
Floor\_strike: 139.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2710-B140.125**

Count: 140.000-140.249  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 140.249  
Floor\_strike: 140.000  
Time: 10 AM EDT

Expiration Time: 11 AM EDT

**USDJPY-23JUL2710-B140.375**

Count: 140.250-140.499

Date: July 27, 2023

Above/Below/Between: between

Cap\_strike: 140.499

Floor\_strike: 140.250

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**USDJPY-23JUL2710-B140.625**

Count: 140.500-140.749

Date: July 27, 2023

Above/Below/Between: between

Cap\_strike: 140.749

Floor\_strike: 140.500

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**USDJPY-23JUL2710-T139.500**

Count: 139.500

Date: July 27, 2023

Above/Below/Between: below

Cap\_strike: NA

Floor\_strike: NA

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**USDJPY-23JUL2710-T140.749**

Count: 140.749

Date: July 27, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**USDJPY-23JUL2718-B140.125**

Count: 140.000-140.249

Date: July 27, 2023

Above/Below/Between: between

Cap\_strike: 140.249

Floor\_strike: 140.000

Time: 6 PM EDT

Expiration Time: 7 PM EDT

**USDJPY-23JUL2718-B140.375**

Count: 140.250-140.499

Date: July 27, 2023

Above/Below/Between: between

Cap\_strike: 140.499

Floor\_strike: 140.250

Time: 6 PM EDT

Expiration Time: 7 PM EDT

**USDJPY-23JUL2718-B140.625**

Count: 140.500-140.749

Date: July 27, 2023

Above/Below/Between: between  
Cap\_strike: 140.749  
Floor\_strike: 140.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2718-B140.875**

Count: 140.750-140.999  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 140.999  
Floor\_strike: 140.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2718-B141.125**

Count: 141.000-141.249  
Date: July 27, 2023  
Above/Below/Between: between  
Cap\_strike: 141.249  
Floor\_strike: 141.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2718-T140.000**

Count: 140.000  
Date: July 27, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2718-T141.249**

Count: 141.249  
Date: July 27, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2810-B138.875**

Count: 138.750-138.999  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 138.999  
Floor\_strike: 138.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2810-B139.125**

Count: 139.000-139.249  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 139.249  
Floor\_strike: 139.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2810-B139.375**

Count: 139.250-139.499  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 139.499  
Floor\_strike: 139.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2810-B139.625**

Count: 139.500-139.749  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 139.749  
Floor\_strike: 139.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2810-B139.875**

Count: 139.750-139.999  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 139.999  
Floor\_strike: 139.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2810-T138.750**

Count: 138.750  
Date: July 28, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2810-T139.999**

Count: 139.999  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

- Changes made to ticker WTIOIL (Category: Commodity Price, Product Name: Will the settle price of WTI crude oil futures be {{above/below/between}} {{price}} for {{date}}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**WTI-23JUL25-B74.5**

Date: July 25, 2023  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-23JUL25-B75.5**

Date: July 25, 2023

Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-23JUL25-B76.5**

Date: July 25, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-23JUL25-B77.5**

Date: July 25, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-23JUL25-B78.5**

Date: July 25, 2023  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-23JUL25-B79.5**

Date: July 25, 2023  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTI-23JUL25-B80.5**

Date: July 25, 2023  
Above/Below/Between: between  
Price: \$80 and 80.99  
Cap\_strike: 80.99  
Floor\_strike: 80

**WTI-23JUL25-B81.5**

Date: July 25, 2023  
Above/Below/Between: between  
Price: \$81 and 81.99  
Cap\_strike: 81.99  
Floor\_strike: 81

**WTI-23JUL25-T74**

Date: July 25, 2023  
Above/Below/Between: below  
Price: \$74  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL25-T81.99**

Date: July 25, 2023  
Above/Below/Between: above  
Price: \$81.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL26-B75.5**

Date: July 26, 2023  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-23JUL26-B76.5**

Date: July 26, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-23JUL26-B77.5**

Date: July 26, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-23JUL26-B78.5**

Date: July 26, 2023  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-23JUL26-B79.5**

Date: July 26, 2023  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTI-23JUL26-B80.5**

Date: July 26, 2023  
Above/Below/Between: between  
Price: \$80 and 80.99  
Cap\_strike: 80.99  
Floor\_strike: 80

**WTI-23JUL26-B81.5**

Date: July 26, 2023  
Above/Below/Between: between  
Price: \$81 and 81.99  
Cap\_strike: 81.99  
Floor\_strike: 81

**WTI-23JUL26-B82.5**

Date: July 26, 2023  
Above/Below/Between: between  
Price: \$82 and 82.99  
Cap\_strike: 82.99  
Floor\_strike: 82

**WTI-23JUL26-T75**

Date: July 26, 2023  
Above/Below/Between: below



Price: \$75  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL26-T82.99**

Date: July 26, 2023  
Above/Below/Between: above  
Price: \$82.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL27-B74.5**

Date: July 27, 2023  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-23JUL27-B75.5**

Date: July 27, 2023  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-23JUL27-B76.5**

Date: July 27, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-23JUL27-B77.5**

Date: July 27, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-23JUL27-B78.5**

Date: July 27, 2023  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-23JUL27-B79.5**

Date: July 27, 2023  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTI-23JUL27-B80.5**

Date: July 27, 2023  
Above/Below/Between: between  
Price: \$80 and 80.99  
Cap\_strike: 80.99  
Floor\_strike: 80

**WTI-23JUL27-B81.5**

Date: July 27, 2023  
Above/Below/Between: between  
Price: \$81 and 81.99  
Cap\_strike: 81.99  
Floor\_strike: 81

**WTI-23JUL27-T74**

Date: July 27, 2023  
Above/Below/Between: below  
Price: \$74  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL27-T81.99**

Date: July 27, 2023  
Above/Below/Between: above  
Price: \$81.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL31-B76.5**

Date: July 31, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-23JUL31-B77.5**

Date: July 31, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-23JUL31-B78.5**

Date: July 31, 2023  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-23JUL31-B79.5**

Date: July 31, 2023  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTI-23JUL31-B80.5**

Date: July 31, 2023  
Above/Below/Between: between  
Price: \$80 and 80.99  
Cap\_strike: 80.99  
Floor\_strike: 80

**WTI-23JUL31-B81.5**

Date: July 31, 2023  
Above/Below/Between: between

Price: \$81 and 81.99  
Cap\_strike: 81.99  
Floor\_strike: 81

**WTI-23JUL31-B82.5**

Date: July 31, 2023  
Above/Below/Between: between  
Price: \$82 and 82.99  
Cap\_strike: 82.99  
Floor\_strike: 82

**WTI-23JUL31-B83.5**

Date: July 31, 2023  
Above/Below/Between: between  
Price: \$83 and 83.99  
Cap\_strike: 83.99  
Floor\_strike: 83

**WTI-23JUL31-T76**

Date: July 31, 2023  
Above/Below/Between: below  
Price: \$76  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL31-T83.99**

Date: July 31, 2023  
Above/Below/Between: above  
Price: \$83.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTIW-23AUG04-B74.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTIW-23AUG04-B75.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTIW-23AUG04-B76.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTIW-23AUG04-B77.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTIW-23AUG04-B78.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTIW-23AUG04-B79.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTIW-23AUG04-B80.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$80 and 80.99  
Cap\_strike: 80.99  
Floor\_strike: 80

**WTIW-23AUG04-B81.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$81 and 81.99  
Cap\_strike: 81.99  
Floor\_strike: 81

**WTIW-23AUG04-B82.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$82 and 82.99  
Cap\_strike: 82.99  
Floor\_strike: 82

**WTIW-23AUG04-B83.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$83 and 83.99  
Cap\_strike: 83.99  
Floor\_strike: 83

**WTIW-23AUG04-B84.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$84 and 84.99  
Cap\_strike: 84.99  
Floor\_strike: 84

**WTIW-23AUG04-B85.5**

Date: August 04, 2023  
Above/Below/Between: between  
Price: \$85 and 85.99  
Cap\_strike: 85.99  
Floor\_strike: 85

**WTIW-23AUG04-B86.5**

Date: August 04, 2023  
Above/Below/Between: between

Price: \$86 and 86.99  
Cap\_strike: 86.99  
Floor\_strike: 86

**WTIW-23AUG04-T74**

Date: August 04, 2023  
Above/Below/Between: below  
Price: \$74  
Cap\_strike: NA  
Floor\_strike: NA

**WTIW-23AUG04-T86.99**

Date: August 04, 2023  
Above/Below/Between: above  
Price: \$86.99  
Cap\_strike: NA  
Floor\_strike: NA

If you have any questions, please do not hesitate to contact me.

Sincerely,

Elie Mishory  
Chief Regulatory Officer  
KalshiEX LLC  
emishory@kalshi.com