

**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 16, 2023 to July 22, 2023.

Rule changes relating to the following rules [ 538APPROVE, APPROVE, ARCTICICE, AUSHIGH, CHIHIGH, EURUSD, FRM, GAS, INX, MIAHIGH, NASDAQ100, NHIGH, SAG, TNOTE, TOPSONG, TSAW, USDJPY, USDRUBMINMAX, USDTWDMINMAX, WGA, 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? , What will the extent of Arctic sea ice be in ? , 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 30-Yr FRM be above {interest rate}? , What will average gas prices be? , Will \$INX close on ? , Will the high temperature in Miami be ? , Will the Nasdaq-100 close ? , What will the high temperature be in Central Park? , Will the SAG strike end by {{date}}? , 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 USD/RUB be by ? , Will USD/TWD be {{above/below}} {{count}} by {{date}}? , Will the WGA strike end by ? , 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-23JUL26-B39.7**

Date: July 26, 2023  
Above/Below/Between: between  
Percentage Points: 39.5-39.9  
Cap\_strike: 39.9  
Floor\_strike: 39.5

**538APPROVE-23JUL26-B40.2**

Date: July 26, 2023  
Above/Below/Between: between  
Percentage Points: 40.0-40.4  
Cap\_strike: 40.4  
Floor\_strike: 40.0

**538APPROVE-23JUL26-B40.7**

Date: July 26, 2023  
Above/Below/Between: between  
Percentage Points: 40.5-40.9

Cap\_strike: 40.9  
Floor\_strike: 40.5

**538APPROVE-23JUL26-B41.2**

Date: July 26, 2023  
Above/Below/Between: between  
Percentage Points: 41.0-41.4  
Cap\_strike: 41.4  
Floor\_strike: 41.0

**538APPROVE-23JUL26-B41.7**

Date: July 26, 2023  
Above/Below/Between: between  
Percentage Points: 41.5-41.9  
Cap\_strike: 41.9  
Floor\_strike: 41.5

**538APPROVE-23JUL26-B42.2**

Date: July 26, 2023  
Above/Below/Between: between  
Percentage Points: 42.0-42.4  
Cap\_strike: 42.4  
Floor\_strike: 42.0

**538APPROVE-23JUL26-B42.7**

Date: July 26, 2023  
Above/Below/Between: between  
Percentage Points: 42.5-42.9  
Cap\_strike: 42.9  
Floor\_strike: 42.5

**538APPROVE-23JUL26-T39.5**

Date: July 26, 2023  
Above/Below/Between: below  
Percentage Points: 39.5  
Cap\_strike: 39.5  
Floor\_strike: n/a

**538APPROVE-23JUL26-T42.9**

Date: July 26, 2023  
Above/Below/Between: above  
Percentage Points: 42.9  
Cap\_strike: n/a  
Floor\_strike: 42.9

- 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-23JUL28-B40.8**

Percentage Points: 40.7 and 40.9  
Above/below/between: between  
Date: July 28, 2023  
Cap\_strike: 40.9  
Floor\_strike: 40.7

**APRPOTUS-23JUL28-B41.1**

Percentage Points: 41.0 and 41.2  
Above/below/between: between

Date: July 28, 2023  
Cap\_strike: 41.2  
Floor\_strike: 41.0

**APRPOTUS-23JUL28-B41.4**  
Percentage Points: 41.3 and 41.5  
Above/below/between: between  
Date: July 28, 2023  
Cap\_strike: 41.5  
Floor\_strike: 41.3

**APRPOTUS-23JUL28-B41.7**  
Percentage Points: 41.6 and 41.8  
Above/below/between: between  
Date: July 28, 2023  
Cap\_strike: 41.8  
Floor\_strike: 41.6

**APRPOTUS-23JUL28-B42.0**  
Percentage Points: 41.9 and 42.1  
Above/below/between: between  
Date: July 28, 2023  
Cap\_strike: 42.1  
Floor\_strike: 41.9

**APRPOTUS-23JUL28-B42.3**  
Percentage Points: 42.2 and 42.4  
Above/below/between: between  
Date: July 28, 2023  
Cap\_strike: 42.4  
Floor\_strike: 42.2

**APRPOTUS-23JUL28-B42.6**  
Percentage Points: 42.5 and 42.7  
Above/below/between: between  
Date: July 28, 2023  
Cap\_strike: 42.7  
Floor\_strike: 42.5

**APRPOTUS-23JUL28-T40.7**  
Percentage Points: 40.7  
Above/below/between: below  
Date: July 28, 2023  
Cap\_strike: NA  
Floor\_strike: NA

**APRPOTUS-23JUL28-T42.7**  
Percentage Points: 42.7  
Above/below/between: above  
Date: July 28, 2023  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker ARCTICICE (Category: Weather/Climate, Product Name: What will the extent of Arctic sea ice be in ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**ARCTICICEMIN-23OCT01-T3.8**  
Period: between February 17, 2023 and October 01, 2023  
Number: 3.8 million square kilometers

Above/Below: Below  
Expo\_date: October 15, 2023

**ARCTICICEMIN-23OCT01-T4.0**

Period: between February 17, 2023 and October 01, 2023  
Number: 4.0 million square kilometers  
Above/Below: Below  
Expo\_date: October 15, 2023

**ARCTICICEMIN-23OCT01-T4.2**

Period: between February 17, 2023 and October 01, 2023  
Number: 4.2 million square kilometers  
Above/Below: Below  
Expo\_date: October 15, 2023

- 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-23JUL17-B100.5**

Date: July 17, 2023  
Degrees: 100-101  
Greater than/Less than/Between: between  
Cap\_strike: 101  
Floor\_strike: 100

**HIGHAUS-23JUL17-B102.5**

Date: July 17, 2023  
Degrees: 102-103  
Greater than/Less than/Between: between  
Cap\_strike: 103  
Floor\_strike: 102

**HIGHAUS-23JUL17-B104.5**

Date: July 17, 2023  
Degrees: 104-105  
Greater than/Less than/Between: between  
Cap\_strike: 105  
Floor\_strike: 104

**HIGHAUS-23JUL17-B106.5**

Date: July 17, 2023  
Degrees: 106-107  
Greater than/Less than/Between: between  
Cap\_strike: 107  
Floor\_strike: 106

**HIGHAUS-23JUL17-T100**

Date: July 17, 2023  
Degrees: 100  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL17-T107**

Date: July 17, 2023  
Degrees: 107  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL18-B102.5**

Date: July 18, 2023  
Degrees: 102-103  
Greater than/Less than/Between: between  
Cap\_strike: 103  
Floor\_strike: 102

**HIGHAUS-23JUL18-B104.5**

Date: July 18, 2023  
Degrees: 104-105  
Greater than/Less than/Between: between  
Cap\_strike: 105  
Floor\_strike: 104

**HIGHAUS-23JUL18-B106.5**

Date: July 18, 2023  
Degrees: 106-107  
Greater than/Less than/Between: between  
Cap\_strike: 107  
Floor\_strike: 106

**HIGHAUS-23JUL18-B108.5**

Date: July 18, 2023  
Degrees: 108-109  
Greater than/Less than/Between: between  
Cap\_strike: 109  
Floor\_strike: 108

**HIGHAUS-23JUL18-T102**

Date: July 18, 2023  
Degrees: 102  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL18-T109**

Date: July 18, 2023  
Degrees: 109  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL19-B101.5**

Date: July 19, 2023  
Degrees: 101-102  
Greater than/Less than/Between: between  
Cap\_strike: 102  
Floor\_strike: 101

**HIGHAUS-23JUL19-B103.5**

Date: July 19, 2023  
Degrees: 103-104  
Greater than/Less than/Between: between  
Cap\_strike: 104  
Floor\_strike: 103

**HIGHAUS-23JUL19-B105.5**

Date: July 19, 2023  
Degrees: 105-106

Greater than/Less than/Between: between  
Cap\_strike: 106  
Floor\_strike: 105

**HIGHAUS-23JUL19-B99.5**

Date: July 19, 2023  
Degrees: 99-100  
Greater than/Less than/Between: between  
Cap\_strike: 100  
Floor\_strike: 99

**HIGHAUS-23JUL19-T106**

Date: July 19, 2023  
Degrees: 106  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL19-T99**

Date: July 19, 2023  
Degrees: 99  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL20-B101.5**

Date: July 20, 2023  
Degrees: 101-102  
Greater than/Less than/Between: between  
Cap\_strike: 102  
Floor\_strike: 101

**HIGHAUS-23JUL20-B103.5**

Date: July 20, 2023  
Degrees: 103-104  
Greater than/Less than/Between: between  
Cap\_strike: 104  
Floor\_strike: 103

**HIGHAUS-23JUL20-B105.5**

Date: July 20, 2023  
Degrees: 105-106  
Greater than/Less than/Between: between  
Cap\_strike: 106  
Floor\_strike: 105

**HIGHAUS-23JUL20-B99.5**

Date: July 20, 2023  
Degrees: 99-100  
Greater than/Less than/Between: between  
Cap\_strike: 100  
Floor\_strike: 99

**HIGHAUS-23JUL20-T106**

Date: July 20, 2023  
Degrees: 106  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL20-T99**

Date: July 20, 2023  
Degrees: 99  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL21-B100.5**

Date: July 21, 2023  
Degrees: 100-101  
Greater than/Less than/Between: between  
Cap\_strike: 101  
Floor\_strike: 100

**HIGHAUS-23JUL21-B102.5**

Date: July 21, 2023  
Degrees: 102-103  
Greater than/Less than/Between: between  
Cap\_strike: 103  
Floor\_strike: 102

**HIGHAUS-23JUL21-B104.5**

Date: July 21, 2023  
Degrees: 104-105  
Greater than/Less than/Between: between  
Cap\_strike: 105  
Floor\_strike: 104

**HIGHAUS-23JUL21-B98.5**

Date: July 21, 2023  
Degrees: 98-99  
Greater than/Less than/Between: between  
Cap\_strike: 99  
Floor\_strike: 98

**HIGHAUS-23JUL21-T105**

Date: July 21, 2023  
Degrees: 105  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL21-T98**

Date: July 21, 2023  
Degrees: 98  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL22-B101.5**

Date: July 22, 2023  
Degrees: 101-102  
Greater than/Less than/Between: between  
Cap\_strike: 102  
Floor\_strike: 101

**HIGHAUS-23JUL22-B103.5**

Date: July 22, 2023  
Degrees: 103-104

Greater than/Less than/Between: between  
Cap\_strike: 104  
Floor\_strike: 103

**HIGHAUS-23JUL22-B105.5**

Date: July 22, 2023  
Degrees: 105-106  
Greater than/Less than/Between: between  
Cap\_strike: 106  
Floor\_strike: 105

**HIGHAUS-23JUL22-B99.5**

Date: July 22, 2023  
Degrees: 99-100  
Greater than/Less than/Between: between  
Cap\_strike: 100  
Floor\_strike: 99

**HIGHAUS-23JUL22-T106**

Date: July 22, 2023  
Degrees: 106  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL22-T99**

Date: July 22, 2023  
Degrees: 99  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL23-B100.5**

Date: July 23, 2023  
Degrees: 100-101  
Greater than/Less than/Between: between  
Cap\_strike: 101  
Floor\_strike: 100

**HIGHAUS-23JUL23-B102.5**

Date: July 23, 2023  
Degrees: 102-103  
Greater than/Less than/Between: between  
Cap\_strike: 103  
Floor\_strike: 102

**HIGHAUS-23JUL23-B104.5**

Date: July 23, 2023  
Degrees: 104-105  
Greater than/Less than/Between: between  
Cap\_strike: 105  
Floor\_strike: 104

**HIGHAUS-23JUL23-B98.5**

Date: July 23, 2023  
Degrees: 98-99  
Greater than/Less than/Between: between  
Cap\_strike: 99  
Floor\_strike: 98



**HIGHAUS-23JUL23-T105**

Date: July 23, 2023  
Degrees: 105  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHAUS-23JUL23-T98**

Date: July 23, 2023  
Degrees: 98  
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-23JUL17-B75.5**

Date: July 17, 2023  
Degrees: 75-76  
Greater than/Less than/Between: between  
Cap\_strike: 76  
Floor\_strike: 75

**HIGHCHI-23JUL17-B77.5**

Date: July 17, 2023  
Degrees: 77-78  
Greater than/Less than/Between: between  
Cap\_strike: 78  
Floor\_strike: 77

**HIGHCHI-23JUL17-B79.5**

Date: July 17, 2023  
Degrees: 79-80  
Greater than/Less than/Between: between  
Cap\_strike: 80  
Floor\_strike: 79

**HIGHCHI-23JUL17-B81.5**

Date: July 17, 2023  
Degrees: 81-82  
Greater than/Less than/Between: between  
Cap\_strike: 82  
Floor\_strike: 81

**HIGHCHI-23JUL17-T75**

Date: July 17, 2023  
Degrees: 75  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL17-T82**

Date: July 17, 2023  
Degrees: 82  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL18-B77.5**

Date: July 18, 2023  
Degrees: 77-78  
Greater than/Less than/Between: between  
Cap\_strike: 78  
Floor\_strike: 77

**HIGHCHI-23JUL18-B79.5**

Date: July 18, 2023  
Degrees: 79-80  
Greater than/Less than/Between: between  
Cap\_strike: 80  
Floor\_strike: 79

**HIGHCHI-23JUL18-B81.5**

Date: July 18, 2023  
Degrees: 81-82  
Greater than/Less than/Between: between  
Cap\_strike: 82  
Floor\_strike: 81

**HIGHCHI-23JUL18-B83.5**

Date: July 18, 2023  
Degrees: 83-84  
Greater than/Less than/Between: between  
Cap\_strike: 84  
Floor\_strike: 83

**HIGHCHI-23JUL18-T77**

Date: July 18, 2023  
Degrees: 77  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL18-T84**

Date: July 18, 2023  
Degrees: 84  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL19-B83.5**

Date: July 19, 2023  
Degrees: 83-84  
Greater than/Less than/Between: between  
Cap\_strike: 84  
Floor\_strike: 83

**HIGHCHI-23JUL19-B85.5**

Date: July 19, 2023  
Degrees: 85-86  
Greater than/Less than/Between: between  
Cap\_strike: 86  
Floor\_strike: 85

**HIGHCHI-23JUL19-B87.5**

Date: July 19, 2023  
Degrees: 87-88

Greater than/Less than/Between: between  
Cap\_strike: 88  
Floor\_strike: 87

**HIGHCHI-23JUL19-B89.5**

Date: July 19, 2023  
Degrees: 89-90  
Greater than/Less than/Between: between  
Cap\_strike: 90  
Floor\_strike: 89

**HIGHCHI-23JUL19-T83**

Date: July 19, 2023  
Degrees: 83  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL19-T90**

Date: July 19, 2023  
Degrees: 90  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL20-B82.5**

Date: July 20, 2023  
Degrees: 82-83  
Greater than/Less than/Between: between  
Cap\_strike: 83  
Floor\_strike: 82

**HIGHCHI-23JUL20-B84.5**

Date: July 20, 2023  
Degrees: 84-85  
Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84

**HIGHCHI-23JUL20-B86.5**

Date: July 20, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHCHI-23JUL20-B88.5**

Date: July 20, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHCHI-23JUL20-T82**

Date: July 20, 2023  
Degrees: 82  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL20-T89**

Date: July 20, 2023

Degrees: 89

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHCHI-23JUL21-B77.5**

Date: July 21, 2023

Degrees: 77-78

Greater than/Less than/Between: between

Cap\_strike: 78

Floor\_strike: 77

**HIGHCHI-23JUL21-B79.5**

Date: July 21, 2023

Degrees: 79-80

Greater than/Less than/Between: between

Cap\_strike: 80

Floor\_strike: 79

**HIGHCHI-23JUL21-B81.5**

Date: July 21, 2023

Degrees: 81-82

Greater than/Less than/Between: between

Cap\_strike: 82

Floor\_strike: 81

**HIGHCHI-23JUL21-B83.5**

Date: July 21, 2023

Degrees: 83-84

Greater than/Less than/Between: between

Cap\_strike: 84

Floor\_strike: 83

**HIGHCHI-23JUL21-T77**

Date: July 21, 2023

Degrees: 77

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHCHI-23JUL21-T84**

Date: July 21, 2023

Degrees: 84

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHCHI-23JUL22-B79.5**

Date: July 22, 2023

Degrees: 79-80

Greater than/Less than/Between: between

Cap\_strike: 80

Floor\_strike: 79

**HIGHCHI-23JUL22-B81.5**

Date: July 22, 2023

Degrees: 81-82

Greater than/Less than/Between: between  
Cap\_strike: 82  
Floor\_strike: 81

**HIGHCHI-23JUL22-B83.5**

Date: July 22, 2023  
Degrees: 83-84  
Greater than/Less than/Between: between  
Cap\_strike: 84  
Floor\_strike: 83

**HIGHCHI-23JUL22-B85.5**

Date: July 22, 2023  
Degrees: 85-86  
Greater than/Less than/Between: between  
Cap\_strike: 86  
Floor\_strike: 85

**HIGHCHI-23JUL22-T79**

Date: July 22, 2023  
Degrees: 79  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL22-T86**

Date: July 22, 2023  
Degrees: 86  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHCHI-23JUL23-B80.5**

Date: July 23, 2023  
Degrees: 80-81  
Greater than/Less than/Between: between  
Cap\_strike: 81  
Floor\_strike: 80

**HIGHCHI-23JUL23-B82.5**

Date: July 23, 2023  
Degrees: 82-83  
Greater than/Less than/Between: between  
Cap\_strike: 83  
Floor\_strike: 82

**HIGHCHI-23JUL23-B84.5**

Date: July 23, 2023  
Degrees: 84-85  
Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84

**HIGHCHI-23JUL23-B86.5**

Date: July 23, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHCHI-23JUL23-T80**

Date: July 23, 2023

Degrees: 80

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHCHI-23JUL23-T87**

Date: July 23, 2023

Degrees: 87

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-23JUL1710-B1.119**

Count: 1.11800-1.11999

Date: July 17, 2023

Above/Below/Between: between

Cap\_strike: 1.11999

Floor\_strike: 1.11800

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL1710-B1.121**

Count: 1.12000-1.12199

Date: July 17, 2023

Above/Below/Between: between

Cap\_strike: 1.12199

Floor\_strike: 1.12000

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL1710-B1.123**

Count: 1.12200-1.12399

Date: July 17, 2023

Above/Below/Between: between

Cap\_strike: 1.12399

Floor\_strike: 1.12200

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL1710-B1.125**

Count: 1.12400-1.12599

Date: July 17, 2023

Above/Below/Between: between

Cap\_strike: 1.12599

Floor\_strike: 1.12400

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL1710-B1.127**

Count: 1.12600-1.12799

Date: July 17, 2023

Above/Below/Between: between

Cap\_strike: 1.12799  
Floor\_strike: 1.12600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1710-T1.11800**

Count: 1.11800  
Date: July 17, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1710-T1.12799**

Count: 1.12799  
Date: July 17, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1718-B1.117**

Count: 1.11600-1.11799  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11799  
Floor\_strike: 1.11600  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1718-B1.119**

Count: 1.11800-1.11999  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11999  
Floor\_strike: 1.11800  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1718-B1.121**

Count: 1.12000-1.12199  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12199  
Floor\_strike: 1.12000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1718-B1.123**

Count: 1.12200-1.12399  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12399  
Floor\_strike: 1.12200  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1718-B1.125**

Count: 1.12400-1.12599  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12599  
Floor\_strike: 1.12400  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1718-T1.11600**

Count: 1.11600  
Date: July 17, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1718-T1.12599**

Count: 1.12599  
Date: July 17, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1810-B1.119**

Count: 1.11800-1.11999  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11999  
Floor\_strike: 1.11800  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1810-B1.121**

Count: 1.12000-1.12199  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12199  
Floor\_strike: 1.12000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1810-B1.123**

Count: 1.12200-1.12399  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12399  
Floor\_strike: 1.12200  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1810-B1.125**

Count: 1.12400-1.12599  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12599



Floor\_strike: 1.12400  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1810-B1.127**

Count: 1.12600-1.12799  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12799  
Floor\_strike: 1.12600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1810-T1.11800**

Count: 1.11800  
Date: July 18, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1810-T1.12799**

Count: 1.12799  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1818-B1.119**

Count: 1.11800-1.11999  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11999  
Floor\_strike: 1.11800  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1818-B1.121**

Count: 1.12000-1.12199  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12199  
Floor\_strike: 1.12000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1818-B1.123**

Count: 1.12200-1.12399  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12399  
Floor\_strike: 1.12200  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1818-B1.125**

Count: 1.12400-1.12599  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12599  
Floor\_strike: 1.12400  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1818-B1.127**

Count: 1.12600-1.12799  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12799  
Floor\_strike: 1.12600  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1818-T1.11800**

Count: 1.11800  
Date: July 18, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1818-T1.12799**

Count: 1.12799  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1910-B1.119**

Count: 1.11800-1.11999  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11999  
Floor\_strike: 1.11800  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1910-B1.121**

Count: 1.12000-1.12199  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12199  
Floor\_strike: 1.12000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1910-B1.123**

Count: 1.12200-1.12399  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12399  
Floor\_strike: 1.12200

Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1910-B1.125**

Count: 1.12400-1.12599  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12599  
Floor\_strike: 1.12400  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1910-B1.127**

Count: 1.12600-1.12799  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12799  
Floor\_strike: 1.12600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1910-T1.11800**

Count: 1.11800  
Date: July 19, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1910-T1.12799**

Count: 1.12799  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL1918-B1.119**

Count: 1.11800-1.11999  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11999  
Floor\_strike: 1.11800  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1918-B1.121**

Count: 1.12000-1.12199  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12199  
Floor\_strike: 1.12000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1918-B1.123**

Count: 1.12200-1.12399

Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12399  
Floor\_strike: 1.12200  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1918-B1.125**

Count: 1.12400-1.12599  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12599  
Floor\_strike: 1.12400  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1918-B1.127**

Count: 1.12600-1.12799  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12799  
Floor\_strike: 1.12600  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1918-T1.11800**

Count: 1.11800  
Date: July 19, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL1918-T1.12799**

Count: 1.12799  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2010-B1.117**

Count: 1.11600-1.11799  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11799  
Floor\_strike: 1.11600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2010-B1.119**

Count: 1.11800-1.11999  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11999  
Floor\_strike: 1.11800  
Time: 10 AM EDT

Expiration Time: 11 AM EDT

**EURUSD-23JUL2010-B1.121**

Count: 1.12000-1.12199  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12199  
Floor\_strike: 1.12000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2010-B1.123**

Count: 1.12200-1.12399  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12399  
Floor\_strike: 1.12200  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2010-B1.125**

Count: 1.12400-1.12599  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12599  
Floor\_strike: 1.12400  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2010-T1.11600**

Count: 1.11600  
Date: July 20, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2010-T1.12599**

Count: 1.12599  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2018-B1.113**

Count: 1.11200-1.11399  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11399  
Floor\_strike: 1.11200  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2018-B1.115**

Count: 1.11400-1.11599  
Date: July 20, 2023

Above/Below/Between: between  
Cap\_strike: 1.11599  
Floor\_strike: 1.11400  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2018-B1.117**  
Count: 1.11600-1.11799  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11799  
Floor\_strike: 1.11600  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2018-B1.119**  
Count: 1.11800-1.11999  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11999  
Floor\_strike: 1.11800  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2018-B1.121**  
Count: 1.12000-1.12199  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 1.12199  
Floor\_strike: 1.12000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2018-T1.11200**  
Count: 1.11200  
Date: July 20, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2018-T1.12199**  
Count: 1.12199  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**EURUSD-23JUL2110-B1.109**  
Count: 1.10800-1.10999  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 1.10999  
Floor\_strike: 1.10800  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2110-B1.111**

Count: 1.11000-1.11199  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11199  
Floor\_strike: 1.11000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2110-B1.113**

Count: 1.11200-1.11399  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11399  
Floor\_strike: 1.11200  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2110-B1.115**

Count: 1.11400-1.11599  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11599  
Floor\_strike: 1.11400  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2110-B1.117**

Count: 1.11600-1.11799  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 1.11799  
Floor\_strike: 1.11600  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2110-T1.10800**

Count: 1.10800  
Date: July 21, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSD-23JUL2110-T1.11799**

Count: 1.11799  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**EURUSDH-23JUL1815-T1.11460**

Count: 1.11460  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA

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

**EURUSDH-23JUL1815-T1.11580**

Count: 1.11580  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.11700**

Count: 1.11700  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.11820**

Count: 1.11820  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.11940**

Count: 1.11940  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.12060**

Count: 1.12060  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.12180**

Count: 1.12180  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.12300**



Count: 1.12300  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.12420**

Count: 1.12420  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.12540**

Count: 1.12540  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.12660**

Count: 1.12660  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.12780**

Count: 1.12780  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.12900**

Count: 1.12900  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.13020**

Count: 1.13020  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1815-T1.13140**

Count: 1.13140  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.11260**

Count: 1.11260  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.11380**

Count: 1.11380  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.11500**

Count: 1.11500  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.11620**

Count: 1.11620  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.11740**

Count: 1.11740  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.11860**

Count: 1.11860

Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.11980**

Count: 1.11980  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.12100**

Count: 1.12100  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.12220**

Count: 1.12220  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.12340**

Count: 1.12340  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.12460**

Count: 1.12460  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.12580**

Count: 1.12580  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT

Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.12700**

Count: 1.12700  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.12820**

Count: 1.12820  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL1915-T1.12940**

Count: 1.12940  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.11060**

Count: 1.11060  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.11180**

Count: 1.11180  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.11300**

Count: 1.11300  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.11420**

Count: 1.11420  
Date: July 20, 2023

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

**EURUSDH-23JUL2015-T1.11540**

Count: 1.11540  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.11660**

Count: 1.11660  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.11780**

Count: 1.11780  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.11900**

Count: 1.11900  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.12020**

Count: 1.12020  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.12140**

Count: 1.12140  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.12260**

Count: 1.12260  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.12380**

Count: 1.12380  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.12500**

Count: 1.12500  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.12620**

Count: 1.12620  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2015-T1.12740**

Count: 1.12740  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.10260**

Count: 1.10260  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.10380**

Count: 1.10380  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA

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

**EURUSDH-23JUL2115-T1.10500**

Count: 1.10500  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.10620**

Count: 1.10620  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.10740**

Count: 1.10740  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.10860**

Count: 1.10860  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.10980**

Count: 1.10980  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.11100**

Count: 1.11100  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.11220**

Count: 1.11220  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.11340**

Count: 1.11340  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.11460**

Count: 1.11460  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.11580**

Count: 1.11580  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.11700**

Count: 1.11700  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.11820**

Count: 1.11820  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2115-T1.11940**

Count: 1.11940  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA



Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.10260**

Count: 1.10260  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.10380**

Count: 1.10380  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.10500**

Count: 1.10500  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.10620**

Count: 1.10620  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.10740**

Count: 1.10740  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.10860**

Count: 1.10860  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.10980**

Count: 1.10980

Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.11100**

Count: 1.11100  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.11220**

Count: 1.11220  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.11340**

Count: 1.11340  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.11460**

Count: 1.11460  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.11580**

Count: 1.11580  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.11700**

Count: 1.11700  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT

Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.11820**

Count: 1.11820  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

**EURUSDH-23JUL2415-T1.11940**

Count: 1.11940  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 3 PM EDT  
Expiration Time: 4 PM EDT

- 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-23JUL27-T6.5**

Interest Rate: 6.5  
Date: July 27, 2023  
Expo\_Date: August 03, 2023

**FRM-23JUL27-T6.6**

Interest Rate: 6.6  
Date: July 27, 2023  
Expo\_Date: August 03, 2023

**FRM-23JUL27-T6.7**

Interest Rate: 6.7  
Date: July 27, 2023  
Expo\_Date: August 03, 2023

**FRM-23JUL27-T6.8**

Interest Rate: 6.8  
Date: July 27, 2023  
Expo\_Date: August 03, 2023

**FRM-23JUL27-T6.9**

Interest Rate: 6.9  
Date: July 27, 2023  
Expo\_Date: August 03, 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-23JUL24-T3.35**

Date: July 24, 2023  
Price: \$3.35  
Expo\_date: August 07, 2023

**GAS-23JUL24-T3.40**

Date: July 24, 2023  
Price: \$3.40  
Expo\_date: August 07, 2023

**GAS-23JUL24-T3.45**

Date: July 24, 2023  
Price: \$3.45  
Expo\_date: August 07, 2023

**GAS-23JUL24-T3.50**

Date: July 24, 2023  
Price: \$3.50  
Expo\_date: August 07, 2023

**GAS-23JUL24-T3.55**

Date: July 24, 2023  
Price: \$3.55  
Expo\_date: August 07, 2023

**GAS-23JUL24-T3.60**

Date: July 24, 2023  
Price: \$3.60  
Expo\_date: August 07, 2023

**GAS-23JUL24-T3.65**

Date: July 24, 2023  
Price: \$3.65  
Expo\_date: August 07, 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-23JUL18-B4437**

Value: 4425-4449.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 4449.99  
Floor\_strike: 4425  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL18-B4462**

Value: 4450-4474.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 4474.99  
Floor\_strike: 4450  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL18-B4487**

Value: 4475-4499.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4475  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL18-B4512**

Value: 4500-4524.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL18-B4537**

Value: 4525-4549.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL18-B4562**

Value: 4550-4574.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: Yes  
Early EOD Value: 4555.10

**INXD-23JUL18-B4587**

Value: 4575-4599.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL18-B4612**

Value: 4600-4624.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 4624.99  
Floor\_strike: 4600  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL18-T4425**

Value: 4425  
Date: July 18, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL18-T4624.99**

Value: 4624.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA

Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXD-23JUL19-B4462**

Value: 4450-4474.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 4474.99  
Floor\_strike: 4450  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL19-B4487**

Value: 4475-4499.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4475  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL19-B4512**

Value: 4500-4524.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL19-B4537**

Value: 4525-4549.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL19-B4562**

Value: 4550-4574.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: Yes  
Early EOD Value: 4565.69

**INXD-23JUL19-B4587**

Value: 4575-4599.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL19-B4612**

Value: 4600-4624.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 4624.99  
Floor\_strike: 4600  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL19-B4637**

Value: 4625-4649.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 4649.99  
Floor\_strike: 4625  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL19-T4450**

Value: 4450  
Date: July 19, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL19-T4649.99**

Value: 4649.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXD-23JUL20-B4462**

Value: 4450-4474.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 4474.99  
Floor\_strike: 4450  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL20-B4487**

Value: 4475-4499.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4475  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL20-B4512**

Value: 4500-4524.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500

Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL20-B4537**

Value: 4525-4549.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: Yes  
Early EOD Value: 4534.80

**INXD-23JUL20-B4562**

Value: 4550-4574.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL20-B4587**

Value: 4575-4599.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL20-B4612**

Value: 4600-4624.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 4624.99  
Floor\_strike: 4600  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL20-B4637**

Value: 4625-4649.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 4649.99  
Floor\_strike: 4625  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL20-T4450**

Value: 4450  
Date: July 20, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL20-T4649.99**

Value: 4649.99



Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXD-23JUL24-B4437**

Value: 4425-4449.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 4449.99  
Floor\_strike: 4425  
Preliminary Determination: No  
Early EOD Value: 4554.67

**INXD-23JUL24-B4462**

Value: 4450-4474.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 4474.99  
Floor\_strike: 4450  
Preliminary Determination: No  
Early EOD Value: 4554.67

**INXD-23JUL24-B4487**

Value: 4475-4499.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4475  
Preliminary Determination: No  
Early EOD Value: 4554.67

**INXD-23JUL24-B4512**

Value: 4500-4524.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500  
Preliminary Determination: No  
Early EOD Value: 4554.67

**INXD-23JUL24-B4537**

Value: 4525-4549.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: No  
Early EOD Value: 4554.67

**INXD-23JUL24-B4562**

Value: 4550-4574.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: Yes

Early EOD Value: 4554.67

**INXD-23JUL24-B4587**

Value: 4575-4599.99

Date: July 24, 2023

Above/Below/Between: between

Cap\_strike: 4599.99

Floor\_strike: 4575

Preliminary Determination: No

Early EOD Value: 4554.67

**INXD-23JUL24-B4612**

Value: 4600-4624.99

Date: July 24, 2023

Above/Below/Between: between

Cap\_strike: 4624.99

Floor\_strike: 4600

Preliminary Determination: No

Early EOD Value: 4554.67

**INXD-23JUL24-T4425**

Value: 4425

Date: July 24, 2023

Above/Below/Between: below

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: No

Early EOD Value: 4554.67

**INXD-23JUL24-T4624.99**

Value: 4624.99

Date: July 24, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: No

Early EOD Value: 4554.67

**INXDU-23JUL18-T4399.99**

Value: 4399.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: Yes

Early EOD Value: 4555.10

**INXDU-23JUL18-T4424.99**

Value: 4424.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: Yes

Early EOD Value: 4555.10

**INXDU-23JUL18-T4449.99**

Value: 4449.99

Date: July 18, 2023

Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4555.10

**INXDU-23JUL18-T4474.99**

Value: 4474.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4555.10

**INXDU-23JUL18-T4499.99**

Value: 4499.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4555.10

**INXDU-23JUL18-T4524.99**

Value: 4524.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4555.10

**INXDU-23JUL18-T4549.99**

Value: 4549.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4555.10

**INXDU-23JUL18-T4574.99**

Value: 4574.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXDU-23JUL18-T4599.99**

Value: 4599.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXDU-23JUL18-T4624.99**

Value: 4624.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4555.10

**INXDU-23JUL19-T4424.99**

Value: 4424.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4449.99**

Value: 4449.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4474.99**

Value: 4474.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4499.99**

Value: 4499.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4524.99**

Value: 4524.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4549.99**

Value: 4549.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA

Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4574.99**

Value: 4574.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4599.99**

Value: 4599.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4624.99**

Value: 4624.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXDU-23JUL19-T4649.99**

Value: 4649.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4565.69

**INXDU-23JUL20-T4424.99**

Value: 4424.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4449.99**

Value: 4449.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4474.99**

Value: 4474.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4499.99**

Value: 4499.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4524.99**

Value: 4524.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4549.99**

Value: 4549.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4574.99**

Value: 4574.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4599.99**

Value: 4599.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4624.99**

Value: 4624.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

Preliminary Determination: No  
Early EOD Value: 4534.80

**INXDU-23JUL20-T4649.99**

Value: 4649.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4534.80

**INXDU-23JUL21-T4399.99**

Value: 4399.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4424.99**

Value: 4424.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4449.99**

Value: 4449.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4474.99**

Value: 4474.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4499.99**

Value: 4499.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4524.99**

Value: 4524.99

Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4549.99**

Value: 4549.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4574.99**

Value: 4574.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4599.99**

Value: 4599.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4536.32

**INXDU-23JUL21-T4624.99**

Value: 4624.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4536.32

**INXDU-23JUL24-T4399.99**

Value: 4399.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**INXDU-23JUL24-T4424.99**

Value: 4424.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes



**INXDU-23JUL24-T4449.99**  
Value: 4449.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**INXDU-23JUL24-T4474.99**  
Value: 4474.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**INXDU-23JUL24-T4499.99**  
Value: 4499.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**INXDU-23JUL24-T4524.99**  
Value: 4524.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**INXDU-23JUL24-T4549.99**  
Value: 4549.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes

**INXDU-23JUL24-T4574.99**  
Value: 4574.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No

**INXDU-23JUL24-T4599.99**  
Value: 4599.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No

**INXDU-23JUL24-T4624.99**  
Value: 4624.99  
Date: July 24, 2023

Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No

**INXW-23JUL28-B4387**

Value: 4375-4399.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4399.99  
Floor\_strike: 4375  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4412**

Value: 4400-4424.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4424.99  
Floor\_strike: 4400  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4437**

Value: 4425-4449.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4449.99  
Floor\_strike: 4425  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4462**

Value: 4450-4474.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4474.99  
Floor\_strike: 4450  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4487**

Value: 4475-4499.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4499.99  
Floor\_strike: 4475  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4512**

Value: 4500-4524.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4524.99  
Floor\_strike: 4500  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4537**

Value: 4525-4549.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4549.99  
Floor\_strike: 4525  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4562**

Value: 4550-4574.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4574.99  
Floor\_strike: 4550  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4587**

Value: 4575-4599.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4599.99  
Floor\_strike: 4575  
Preliminary Determination: Yes  
Early EOD Value: 4582.17

**INXW-23JUL28-B4612**

Value: 4600-4624.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4624.99  
Floor\_strike: 4600  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4637**

Value: 4625-4649.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4649.99  
Floor\_strike: 4625  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4662**

Value: 4650-4674.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4674.99  
Floor\_strike: 4650  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-B4687**

Value: 4675-4699.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 4699.99

Floor\_strike: 4675  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-T4375**

Value: 4375  
Date: July 28, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4582.17

**INXW-23JUL28-T4699.99**

Value: 4699.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 4582.17

- 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-23JUL17-B88.5**

Date: July 17, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHMIA-23JUL17-B90.5**

Date: July 17, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHMIA-23JUL17-B92.5**

Date: July 17, 2023  
Degrees: 92-93  
Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHMIA-23JUL17-B94.5**

Date: July 17, 2023  
Degrees: 94-95  
Greater than/Less than/Between: between  
Cap\_strike: 95  
Floor\_strike: 94

**HIGHMIA-23JUL17-T88**

Date: July 17, 2023  
Degrees: 88  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL17-T95**

Date: July 17, 2023

Degrees: 95

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHMIA-23JUL18-B87.5**

Date: July 18, 2023

Degrees: 87-88

Greater than/Less than/Between: between

Cap\_strike: 88

Floor\_strike: 87

**HIGHMIA-23JUL18-B89.5**

Date: July 18, 2023

Degrees: 89-90

Greater than/Less than/Between: between

Cap\_strike: 90

Floor\_strike: 89

**HIGHMIA-23JUL18-B91.5**

Date: July 18, 2023

Degrees: 91-92

Greater than/Less than/Between: between

Cap\_strike: 92

Floor\_strike: 91

**HIGHMIA-23JUL18-B93.5**

Date: July 18, 2023

Degrees: 93-94

Greater than/Less than/Between: between

Cap\_strike: 94

Floor\_strike: 93

**HIGHMIA-23JUL18-T87**

Date: July 18, 2023

Degrees: 87

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHMIA-23JUL18-T94**

Date: July 18, 2023

Degrees: 94

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHMIA-23JUL19-B87.5**

Date: July 19, 2023

Degrees: 87-88

Greater than/Less than/Between: between

Cap\_strike: 88

Floor\_strike: 87

**HIGHMIA-23JUL19-B89.5**

Date: July 19, 2023

Degrees: 89-90

Greater than/Less than/Between: between  
Cap\_strike: 90  
Floor\_strike: 89

**HIGHMIA-23JUL19-B91.5**

Date: July 19, 2023  
Degrees: 91-92  
Greater than/Less than/Between: between  
Cap\_strike: 92  
Floor\_strike: 91

**HIGHMIA-23JUL19-B93.5**

Date: July 19, 2023  
Degrees: 93-94  
Greater than/Less than/Between: between  
Cap\_strike: 94  
Floor\_strike: 93

**HIGHMIA-23JUL19-T87**

Date: July 19, 2023  
Degrees: 87  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL19-T94**

Date: July 19, 2023  
Degrees: 94  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL20-B88.5**

Date: July 20, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHMIA-23JUL20-B90.5**

Date: July 20, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHMIA-23JUL20-B92.5**

Date: July 20, 2023  
Degrees: 92-93  
Greater than/Less than/Between: between  
Cap\_strike: 93  
Floor\_strike: 92

**HIGHMIA-23JUL20-B94.5**

Date: July 20, 2023  
Degrees: 94-95  
Greater than/Less than/Between: between  
Cap\_strike: 95  
Floor\_strike: 94

**HIGHMIA-23JUL20-T88**

Date: July 20, 2023

Degrees: 88

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHMIA-23JUL20-T95**

Date: July 20, 2023

Degrees: 95

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHMIA-23JUL21-B89.5**

Date: July 21, 2023

Degrees: 89-90

Greater than/Less than/Between: between

Cap\_strike: 90

Floor\_strike: 89

**HIGHMIA-23JUL21-B91.5**

Date: July 21, 2023

Degrees: 91-92

Greater than/Less than/Between: between

Cap\_strike: 92

Floor\_strike: 91

**HIGHMIA-23JUL21-B93.5**

Date: July 21, 2023

Degrees: 93-94

Greater than/Less than/Between: between

Cap\_strike: 94

Floor\_strike: 93

**HIGHMIA-23JUL21-B95.5**

Date: July 21, 2023

Degrees: 95-96

Greater than/Less than/Between: between

Cap\_strike: 96

Floor\_strike: 95

**HIGHMIA-23JUL21-T89**

Date: July 21, 2023

Degrees: 89

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHMIA-23JUL21-T96**

Date: July 21, 2023

Degrees: 96

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHMIA-23JUL22-B91.5**

Date: July 22, 2023

Degrees: 91-92

Greater than/Less than/Between: between  
Cap\_strike: 92  
Floor\_strike: 91

**HIGHMIA-23JUL22-B93.5**

Date: July 22, 2023  
Degrees: 93-94  
Greater than/Less than/Between: between  
Cap\_strike: 94  
Floor\_strike: 93

**HIGHMIA-23JUL22-B95.5**

Date: July 22, 2023  
Degrees: 95-96  
Greater than/Less than/Between: between  
Cap\_strike: 96  
Floor\_strike: 95

**HIGHMIA-23JUL22-B97.5**

Date: July 22, 2023  
Degrees: 97-98  
Greater than/Less than/Between: between  
Cap\_strike: 98  
Floor\_strike: 97

**HIGHMIA-23JUL22-T91**

Date: July 22, 2023  
Degrees: 91  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL22-T98**

Date: July 22, 2023  
Degrees: 98  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL23-B91.5**

Date: July 23, 2023  
Degrees: 91-92  
Greater than/Less than/Between: between  
Cap\_strike: 92  
Floor\_strike: 91

**HIGHMIA-23JUL23-B93.5**

Date: July 23, 2023  
Degrees: 93-94  
Greater than/Less than/Between: between  
Cap\_strike: 94  
Floor\_strike: 93

**HIGHMIA-23JUL23-B95.5**

Date: July 23, 2023  
Degrees: 95-96  
Greater than/Less than/Between: between  
Cap\_strike: 96  
Floor\_strike: 95



**HIGHMIA-23JUL23-B97.5**

Date: July 23, 2023  
Degrees: 97-98  
Greater than/Less than/Between: between  
Cap\_strike: 98  
Floor\_strike: 97

**HIGHMIA-23JUL23-T91**

Date: July 23, 2023  
Degrees: 91  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHMIA-23JUL23-T98**

Date: July 23, 2023  
Degrees: 98  
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-23JUL18-B15350**

Value: 15300 and 15399.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 15399.99  
Floor\_strike: 15300  
Preliminary Determination: No  
Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-B15450**

Value: 15400 and 15499.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400  
Preliminary Determination: No  
Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-B15550**

Value: 15500 and 15599.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500  
Preliminary Determination: No  
Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-B15650**

Value: 15600 and 15699.99  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600  
Preliminary Determination: No

Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-B15750**

Value: 15700 and 15799.99

Date: July 18, 2023

Above/Below/Between: between

Cap\_strike: 15799.99

Floor\_strike: 15700

Preliminary Determination: No

Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-B15850**

Value: 15800 and 15899.99

Date: July 18, 2023

Above/Below/Between: between

Cap\_strike: 15899.99

Floor\_strike: 15800

Preliminary Determination: Yes

Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-B15950**

Value: 15900 and 15999.99

Date: July 18, 2023

Above/Below/Between: between

Cap\_strike: 15999.99

Floor\_strike: 15900

Preliminary Determination: No

Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-B16050**

Value: 16000 and 16099.99

Date: July 18, 2023

Above/Below/Between: between

Cap\_strike: 16099.99

Floor\_strike: 16000

Preliminary Determination: No

Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-T15300**

Value: 15300

Date: July 18, 2023

Above/Below/Between: below

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: No

Early EOD Value: 15841.35

**NASDAQ100D-23JUL18-T16099.99**

Value: 16099.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: No

Early EOD Value: 15841.35

**NASDAQ100D-23JUL19-B15450**

Value: 15400 and 15499.99

Date: July 19, 2023

Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-B15550**

Value: 15500 and 15599.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-B15650**

Value: 15600 and 15699.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-B15750**

Value: 15700 and 15799.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99  
Floor\_strike: 15700  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-B15850**

Value: 15800 and 15899.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 15899.99  
Floor\_strike: 15800  
Preliminary Determination: Yes  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-B15950**

Value: 15900 and 15999.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 15999.99  
Floor\_strike: 15900  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-B16050**

Value: 16000 and 16099.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 16099.99  
Floor\_strike: 16000  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-B16150**

Value: 16100 and 16199.99  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 16199.99  
Floor\_strike: 16100  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-T15400**

Value: 15400  
Date: July 19, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL19-T16199.99**

Value: 16199.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15826.35

**NASDAQ100D-23JUL20-B15450**

Value: 15400 and 15499.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400  
Preliminary Determination: Yes  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-B15550**

Value: 15500 and 15599.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-B15650**

Value: 15600 and 15699.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-B15750**

Value: 15700 and 15799.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99

Floor\_strike: 15700  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-B15850**

Value: 15800 and 15899.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 15899.99  
Floor\_strike: 15800  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-B15950**

Value: 15900 and 15999.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 15999.99  
Floor\_strike: 15900  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-B16050**

Value: 16000 and 16099.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 16099.99  
Floor\_strike: 16000  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-B16150**

Value: 16100 and 16199.99  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 16199.99  
Floor\_strike: 16100  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-T15400**

Value: 15400  
Date: July 20, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL20-T16199.99**

Value: 16199.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100D-23JUL24-B15050**

Value: 15000 and 15099.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 15099.99  
Floor\_strike: 15000

**NASDAQ100D-23JUL24-B15150**

Value: 15100 and 15199.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 15199.99  
Floor\_strike: 15100

**NASDAQ100D-23JUL24-B15250**

Value: 15200 and 15299.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 15299.99  
Floor\_strike: 15200

**NASDAQ100D-23JUL24-B15350**

Value: 15300 and 15399.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 15399.99  
Floor\_strike: 15300

**NASDAQ100D-23JUL24-B15450**

Value: 15400 and 15499.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400

**NASDAQ100D-23JUL24-B15550**

Value: 15500 and 15599.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500

**NASDAQ100D-23JUL24-B15650**

Value: 15600 and 15699.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600

**NASDAQ100D-23JUL24-B15750**

Value: 15700 and 15799.99  
Date: July 24, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99  
Floor\_strike: 15700

**NASDAQ100D-23JUL24-T15000**

Value: 15000  
Date: July 24, 2023  
Above/Below/Between: below  
Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100D-23JUL24-T15799.99**

Value: 15799.99

Date: July 24, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100DU-23JUL18-T15199.99**

Value: 15199.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: Yes

Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T15299.99**

Value: 15299.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: Yes

Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T15399.99**

Value: 15399.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: Yes

Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T15499.99**

Value: 15499.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: Yes

Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T15599.99**

Value: 15599.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: Yes

Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T15699.99**

Value: 15699.99

Date: July 18, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T15799.99**

Value: 15799.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T15899.99**

Value: 15899.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T15999.99**

Value: 15999.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15841.35

**NASDAQ100DU-23JUL18-T16099.99**

Value: 16099.99  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15841.35

**NASDAQ100DU-23JUL19-T15299.99**

Value: 15299.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL19-T15399.99**

Value: 15399.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL19-T15499.99**

Value: 15499.99  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA



Floor\_strike: NA

**NASDAQ100DU-23JUL19-T15599.99**

Value: 15599.99

Date: July 19, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100DU-23JUL19-T15699.99**

Value: 15699.99

Date: July 19, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100DU-23JUL19-T15799.99**

Value: 15799.99

Date: July 19, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100DU-23JUL19-T15899.99**

Value: 15899.99

Date: July 19, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100DU-23JUL19-T15999.99**

Value: 15999.99

Date: July 19, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100DU-23JUL19-T16099.99**

Value: 16099.99

Date: July 19, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100DU-23JUL19-T16199.99**

Value: 16199.99

Date: July 19, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

**NASDAQ100DU-23JUL20-T15299.99**

Value: 15299.99

Date: July 20, 2023

Above/Below/Between: above

Cap\_strike: NA

Floor\_strike: NA

Preliminary Determination: Yes

Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T15399.99**

Value: 15399.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T15499.99**

Value: 15499.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T15599.99**

Value: 15599.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T15699.99**

Value: 15699.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T15799.99**

Value: 15799.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T15899.99**

Value: 15899.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T15999.99**

Value: 15999.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA

Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T16099.99**

Value: 16099.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL20-T16199.99**

Value: 16199.99  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15466.09

**NASDAQ100DU-23JUL21-T14899.99**

Value: 14899.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T14999.99**

Value: 14999.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T15099.99**

Value: 15099.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T15199.99**

Value: 15199.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T15299.99**

Value: 15299.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T15399.99**

Value: 15399.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: Yes  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T15499.99**

Value: 15499.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T15599.99**

Value: 15599.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T15699.99**

Value: 15699.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL21-T15799.99**

Value: 15799.99  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15425.67

**NASDAQ100DU-23JUL24-T14899.99**

Value: 14899.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T14999.99**

Value: 14999.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T15099.99**

Value: 15099.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T15199.99**

Value: 15199.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T15299.99**

Value: 15299.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T15399.99**

Value: 15399.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T15499.99**

Value: 15499.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T15599.99**

Value: 15599.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T15699.99**

Value: 15699.99  
Date: July 24, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100DU-23JUL24-T15799.99**

Value: 15799.99  
Date: July 24, 2023

Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA

**NASDAQ100W-23JUL28-B14850**

Value: 14800 and 14899.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 14899.99  
Floor\_strike: 14800  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B14950**

Value: 14900 and 14999.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 14999.99  
Floor\_strike: 14900  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15050**

Value: 15000 and 15099.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15099.99  
Floor\_strike: 15000  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15150**

Value: 15100 and 15199.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15199.99  
Floor\_strike: 15100  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15250**

Value: 15200 and 15299.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15299.99  
Floor\_strike: 15200  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15350**

Value: 15300 and 15399.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15399.99  
Floor\_strike: 15300  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15450**

Value: 15400 and 15499.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15499.99  
Floor\_strike: 15400  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15550**

Value: 15500 and 15599.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15599.99  
Floor\_strike: 15500  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15650**

Value: 15600 and 15699.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15699.99  
Floor\_strike: 15600  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15750**

Value: 15700 and 15799.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15799.99  
Floor\_strike: 15700  
Preliminary Determination: Yes  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15850**

Value: 15800 and 15899.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15899.99  
Floor\_strike: 15800  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B15950**

Value: 15900 and 15999.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 15999.99  
Floor\_strike: 15900  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-B16050**

Value: 16000 and 16099.99  
Date: July 28, 2023  
Above/Below/Between: between  
Cap\_strike: 16099.99  
Floor\_strike: 16000

Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-T14800**

Value: 14800  
Date: July 28, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15750.93

**NASDAQ100W-23JUL28-T16099.99**

Value: 16099.99  
Date: July 28, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Preliminary Determination: No  
Early EOD Value: 15750.93

- 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-23JUL17-B85.5**

Date: July 17, 2023  
Degrees: 85-86  
Greater than/Less than/Between: between  
Cap\_strike: 86  
Floor\_strike: 85

**HIGHNY-23JUL17-B87.5**

Date: July 17, 2023  
Degrees: 87-88  
Greater than/Less than/Between: between  
Cap\_strike: 88  
Floor\_strike: 87

**HIGHNY-23JUL17-B89.5**

Date: July 17, 2023  
Degrees: 89-90  
Greater than/Less than/Between: between  
Cap\_strike: 90  
Floor\_strike: 89

**HIGHNY-23JUL17-B91.5**

Date: July 17, 2023  
Degrees: 91-92  
Greater than/Less than/Between: between  
Cap\_strike: 92  
Floor\_strike: 91

**HIGHNY-23JUL17-T85**

Date: July 17, 2023  
Degrees: 85  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA



**HIGHNY-23JUL17-T92**

Date: July 17, 2023  
Degrees: 92  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL18-B84.5**

Date: July 18, 2023  
Degrees: 84-85  
Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84

**HIGHNY-23JUL18-B86.5**

Date: July 18, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHNY-23JUL18-B88.5**

Date: July 18, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHNY-23JUL18-B90.5**

Date: July 18, 2023  
Degrees: 90-91  
Greater than/Less than/Between: between  
Cap\_strike: 91  
Floor\_strike: 90

**HIGHNY-23JUL18-T84**

Date: July 18, 2023  
Degrees: 84  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL18-T91**

Date: July 18, 2023  
Degrees: 91  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL19-B82.5**

Date: July 19, 2023  
Degrees: 82-83  
Greater than/Less than/Between: between  
Cap\_strike: 83  
Floor\_strike: 82

**HIGHNY-23JUL19-B84.5**

Date: July 19, 2023  
Degrees: 84-85

Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84

**HIGHNY-23JUL19-B86.5**

Date: July 19, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHNY-23JUL19-B88.5**

Date: July 19, 2023  
Degrees: 88-89  
Greater than/Less than/Between: between  
Cap\_strike: 89  
Floor\_strike: 88

**HIGHNY-23JUL19-T82**

Date: July 19, 2023  
Degrees: 82  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL19-T89**

Date: July 19, 2023  
Degrees: 89  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL20-B81.5**

Date: July 20, 2023  
Degrees: 81-82  
Greater than/Less than/Between: between  
Cap\_strike: 82  
Floor\_strike: 81

**HIGHNY-23JUL20-B83.5**

Date: July 20, 2023  
Degrees: 83-84  
Greater than/Less than/Between: between  
Cap\_strike: 84  
Floor\_strike: 83

**HIGHNY-23JUL20-B85.5**

Date: July 20, 2023  
Degrees: 85-86  
Greater than/Less than/Between: between  
Cap\_strike: 86  
Floor\_strike: 85

**HIGHNY-23JUL20-B87.5**

Date: July 20, 2023  
Degrees: 87-88  
Greater than/Less than/Between: between  
Cap\_strike: 88  
Floor\_strike: 87

**HIGHNY-23JUL20-T81**

Date: July 20, 2023

Degrees: 81

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHNY-23JUL20-T88**

Date: July 20, 2023

Degrees: 88

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHNY-23JUL21-B77.5**

Date: July 21, 2023

Degrees: 77-78

Greater than/Less than/Between: between

Cap\_strike: 78

Floor\_strike: 77

**HIGHNY-23JUL21-B79.5**

Date: July 21, 2023

Degrees: 79-80

Greater than/Less than/Between: between

Cap\_strike: 80

Floor\_strike: 79

**HIGHNY-23JUL21-B81.5**

Date: July 21, 2023

Degrees: 81-82

Greater than/Less than/Between: between

Cap\_strike: 82

Floor\_strike: 81

**HIGHNY-23JUL21-B83.5**

Date: July 21, 2023

Degrees: 83-84

Greater than/Less than/Between: between

Cap\_strike: 84

Floor\_strike: 83

**HIGHNY-23JUL21-T77**

Date: July 21, 2023

Degrees: 77

Greater than/Less than/Between: less than

Cap\_strike: NA

Floor\_strike: NA

**HIGHNY-23JUL21-T84**

Date: July 21, 2023

Degrees: 84

Greater than/Less than/Between: greater than

Cap\_strike: NA

Floor\_strike: NA

**HIGHNY-23JUL22-B80.5**

Date: July 22, 2023

Degrees: 80-81

Greater than/Less than/Between: between  
Cap\_strike: 81  
Floor\_strike: 80

**HIGHNY-23JUL22-B82.5**

Date: July 22, 2023  
Degrees: 82-83  
Greater than/Less than/Between: between  
Cap\_strike: 83  
Floor\_strike: 82

**HIGHNY-23JUL22-B84.5**

Date: July 22, 2023  
Degrees: 84-85  
Greater than/Less than/Between: between  
Cap\_strike: 85  
Floor\_strike: 84

**HIGHNY-23JUL22-B86.5**

Date: July 22, 2023  
Degrees: 86-87  
Greater than/Less than/Between: between  
Cap\_strike: 87  
Floor\_strike: 86

**HIGHNY-23JUL22-T80**

Date: July 22, 2023  
Degrees: 80  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL22-T87**

Date: July 22, 2023  
Degrees: 87  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL23-B83.5**

Date: July 23, 2023  
Degrees: 83-84  
Greater than/Less than/Between: between  
Cap\_strike: 84  
Floor\_strike: 83

**HIGHNY-23JUL23-B85.5**

Date: July 23, 2023  
Degrees: 85-86  
Greater than/Less than/Between: between  
Cap\_strike: 86  
Floor\_strike: 85

**HIGHNY-23JUL23-B87.5**

Date: July 23, 2023  
Degrees: 87-88  
Greater than/Less than/Between: between  
Cap\_strike: 88  
Floor\_strike: 87

**HIGHNY-23JUL23-B89.5**

Date: July 23, 2023  
Degrees: 89-90  
Greater than/Less than/Between: between  
Cap\_strike: 90  
Floor\_strike: 89

**HIGHNY-23JUL23-T83**

Date: July 23, 2023  
Degrees: 83  
Greater than/Less than/Between: less than  
Cap\_strike: NA  
Floor\_strike: NA

**HIGHNY-23JUL23-T90**

Date: July 23, 2023  
Degrees: 90  
Greater than/Less than/Between: greater than  
Cap\_strike: NA  
Floor\_strike: NA

- Changes made to ticker SAG (Category: Entertainment/Popular Culture, Product Name: Will the SAG strike end by {{date}}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**SAG-23AUG31**

Date: August 31, 2023

**SAG-23DEC1**

Date: December 1, 2023

**SAG-23JUL31**

Date: July 31, 2023

**SAG-23OCT31**

Date: October 31, 2023

**SAG-23SEP30**

Date: September 30, 2023

**SAG-24FEB1**

Date: February 1, 2024

**SAG-24JAN1**

Date: January 1, 2024

**SAG-24MAR1**

Date: March 1, 2024

- 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-23JUL18-B3.70**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.69-3.71  
Cap\_strike: 3.71  
Floor\_strike: 3.69

**TNOTED-23JUL18-B3.73**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.72-3.74  
Cap\_strike: 3.74  
Floor\_strike: 3.72

**TNOTED-23JUL18-B3.76**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.75-3.77  
Cap\_strike: 3.77  
Floor\_strike: 3.75

**TNOTED-23JUL18-B3.79**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.78-3.80  
Cap\_strike: 3.80  
Floor\_strike: 3.78

**TNOTED-23JUL18-B3.82**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.81-3.83  
Cap\_strike: 3.83  
Floor\_strike: 3.81

**TNOTED-23JUL18-B3.85**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.84-3.86  
Cap\_strike: 3.86  
Floor\_strike: 3.84

**TNOTED-23JUL18-B3.88**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.87-3.89  
Cap\_strike: 3.89  
Floor\_strike: 3.87

**TNOTED-23JUL18-B3.91**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.90-3.92  
Cap\_strike: 3.92  
Floor\_strike: 3.90

**TNOTED-23JUL18-B3.94**

Above/below/between: between  
Date: Jul 18, 2023  
Percent: 3.93-3.95  
Cap\_strike: 3.95  
Floor\_strike: 3.93

**TNOTED-23JUL18-T3.69**

Above/below/between: below  
Date: Jul 18, 2023

Percent: 3.69  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL18-T3.95**  
Above/below/between: above  
Date: Jul 18, 2023  
Percent: 3.95  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL19-B3.69**  
Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.68-3.70  
Cap\_strike: 3.70  
Floor\_strike: 3.68

**TNOTED-23JUL19-B3.72**  
Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.71-3.73  
Cap\_strike: 3.73  
Floor\_strike: 3.71

**TNOTED-23JUL19-B3.75**  
Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.74-3.76  
Cap\_strike: 3.76  
Floor\_strike: 3.74

**TNOTED-23JUL19-B3.78**  
Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.77-3.79  
Cap\_strike: 3.79  
Floor\_strike: 3.77

**TNOTED-23JUL19-B3.81**  
Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.80-3.82  
Cap\_strike: 3.82  
Floor\_strike: 3.80

**TNOTED-23JUL19-B3.84**  
Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.83-3.85  
Cap\_strike: 3.85  
Floor\_strike: 3.83

**TNOTED-23JUL19-B3.87**  
Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.86-3.88  
Cap\_strike: 3.88  
Floor\_strike: 3.86

**TNOTED-23JUL19-B3.90**

Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.89-3.91  
Cap\_strike: 3.91  
Floor\_strike: 3.89

**TNOTED-23JUL19-B3.93**

Above/below/between: between  
Date: Jul 19, 2023  
Percent: 3.92-3.94  
Cap\_strike: 3.94  
Floor\_strike: 3.92

**TNOTED-23JUL19-T3.68**

Above/below/between: below  
Date: Jul 19, 2023  
Percent: 3.68  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL19-T3.94**

Above/below/between: above  
Date: Jul 19, 2023  
Percent: 3.94  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL20-B3.64**

Above/below/between: between  
Date: Jul 20, 2023  
Percent: 3.63-3.65  
Cap\_strike: 3.65  
Floor\_strike: 3.63

**TNOTED-23JUL20-B3.67**

Above/below/between: between  
Date: Jul 20, 2023  
Percent: 3.66-3.68  
Cap\_strike: 3.68  
Floor\_strike: 3.66

**TNOTED-23JUL20-B3.70**

Above/below/between: between  
Date: Jul 20, 2023  
Percent: 3.69-3.71  
Cap\_strike: 3.71  
Floor\_strike: 3.69

**TNOTED-23JUL20-B3.73**

Above/below/between: between  
Date: Jul 20, 2023  
Percent: 3.72-3.74  
Cap\_strike: 3.74  
Floor\_strike: 3.72

**TNOTED-23JUL20-B3.76**

Above/below/between: between  
Date: Jul 20, 2023



Percent: 3.75-3.77  
Cap\_strike: 3.77  
Floor\_strike: 3.75

**TNOTED-23JUL20-B3.79**

Above/below/between: between  
Date: Jul 20, 2023  
Percent: 3.78-3.80  
Cap\_strike: 3.80  
Floor\_strike: 3.78

**TNOTED-23JUL20-B3.82**

Above/below/between: between  
Date: Jul 20, 2023  
Percent: 3.81-3.83  
Cap\_strike: 3.83  
Floor\_strike: 3.81

**TNOTED-23JUL20-B3.85**

Above/below/between: between  
Date: Jul 20, 2023  
Percent: 3.84-3.86  
Cap\_strike: 3.86  
Floor\_strike: 3.84

**TNOTED-23JUL20-B3.88**

Above/below/between: between  
Date: Jul 20, 2023  
Percent: 3.87-3.89  
Cap\_strike: 3.89  
Floor\_strike: 3.87

**TNOTED-23JUL20-T3.63**

Above/below/between: below  
Date: Jul 20, 2023  
Percent: 3.63  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL20-T3.89**

Above/below/between: above  
Date: Jul 20, 2023  
Percent: 3.89  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL24-B3.73**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.72-3.74  
Cap\_strike: 3.74  
Floor\_strike: 3.72

**TNOTED-23JUL24-B3.76**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.75-3.77  
Cap\_strike: 3.77  
Floor\_strike: 3.75

**TNOTED-23JUL24-B3.79**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.78-3.80  
Cap\_strike: 3.80  
Floor\_strike: 3.78

**TNOTED-23JUL24-B3.82**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.81-3.83  
Cap\_strike: 3.83  
Floor\_strike: 3.81

**TNOTED-23JUL24-B3.85**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.84-3.86  
Cap\_strike: 3.86  
Floor\_strike: 3.84

**TNOTED-23JUL24-B3.88**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.87-3.89  
Cap\_strike: 3.89  
Floor\_strike: 3.87

**TNOTED-23JUL24-B3.91**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.90-3.92  
Cap\_strike: 3.92  
Floor\_strike: 3.90

**TNOTED-23JUL24-B3.94**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.93-3.95  
Cap\_strike: 3.95  
Floor\_strike: 3.93

**TNOTED-23JUL24-B3.97**

Above/below/between: between  
Date: Jul 24, 2023  
Percent: 3.96-3.98  
Cap\_strike: 3.98  
Floor\_strike: 3.96

**TNOTED-23JUL24-T3.72**

Above/below/between: below  
Date: Jul 24, 2023  
Percent: 3.72  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTED-23JUL24-T3.98**

Above/below/between: above  
Date: Jul 24, 2023

Percent: 3.98  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTEW-23JUL28-B3.67**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.66-3.68  
Cap\_strike: 3.68  
Floor\_strike: 3.66

**TNOTEW-23JUL28-B3.70**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.69-3.71  
Cap\_strike: 3.71  
Floor\_strike: 3.69

**TNOTEW-23JUL28-B3.73**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.72-3.74  
Cap\_strike: 3.74  
Floor\_strike: 3.72

**TNOTEW-23JUL28-B3.76**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.75-3.77  
Cap\_strike: 3.77  
Floor\_strike: 3.75

**TNOTEW-23JUL28-B3.79**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.78-3.80  
Cap\_strike: 3.80  
Floor\_strike: 3.78

**TNOTEW-23JUL28-B3.82**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.81-3.83  
Cap\_strike: 3.83  
Floor\_strike: 3.81

**TNOTEW-23JUL28-B3.85**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.84-3.86  
Cap\_strike: 3.86  
Floor\_strike: 3.84

**TNOTEW-23JUL28-B3.88**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.87-3.89  
Cap\_strike: 3.89  
Floor\_strike: 3.87

**TNOTEW-23JUL28-B3.91**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.90-3.92  
Cap\_strike: 3.92  
Floor\_strike: 3.90

**TNOTEW-23JUL28-B3.94**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.93-3.95  
Cap\_strike: 3.95  
Floor\_strike: 3.93

**TNOTEW-23JUL28-B3.97**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.96-3.98  
Cap\_strike: 3.98  
Floor\_strike: 3.96

**TNOTEW-23JUL28-B4.00**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 3.99-4.01  
Cap\_strike: 4.01  
Floor\_strike: 3.99

**TNOTEW-23JUL28-B4.03**

Above/below/between: between  
Date: Jul 28, 2023  
Percent: 4.02-4.04  
Cap\_strike: 4.04  
Floor\_strike: 4.02

**TNOTEW-23JUL28-T3.66**

Above/below/between: below  
Date: Jul 28, 2023  
Percent: 3.66  
Cap\_strike: NA  
Floor\_strike: NA

**TNOTEW-23JUL28-T4.04**

Above/below/between: above  
Date: Jul 28, 2023  
Percent: 4.04  
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-23JUL29-FC**

Date: July 29, 2023  
Song: Fast Car by Luke Combs

**TOPSONG-23JUL29-LN**

Date: July 29, 2023

Song: Last Night by Morgan Wallen

**TOPSONG-23JUL29-V**

Date: July 29, 2023

Song: Vampire by Olivia Rodrigo

- 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-23JUL23-A2.10**

Date: July 23, 2023

Count: 2.1 million

**TSAW-23JUL23-A2.20**

Date: July 23, 2023

Count: 2.2 million

**TSAW-23JUL23-A2.30**

Date: July 23, 2023

Count: 2.3 million

**TSAW-23JUL23-A2.40**

Date: July 23, 2023

Count: 2.4 million

**TSAW-23JUL23-A2.50**

Date: July 23, 2023

Count: 2.5 million

**TSAW-23JUL23-A2.60**

Date: July 23, 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-23JUL1710-B138.125**

Count: 138.000-138.249

Date: July 17, 2023

Above/Below/Between: between

Cap\_strike: 138.249

Floor\_strike: 138.000

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**USDJPY-23JUL1710-B138.375**

Count: 138.250-138.499

Date: July 17, 2023

Above/Below/Between: between

Cap\_strike: 138.499

Floor\_strike: 138.250

Time: 10 AM EDT

Expiration Time: 11 AM EDT

**USDJPY-23JUL1710-B138.625**

Count: 138.500-138.749

Date: July 17, 2023

Above/Below/Between: between  
Cap\_strike: 138.749  
Floor\_strike: 138.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1710-B138.875**

Count: 138.750-138.999  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 138.999  
Floor\_strike: 138.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1710-B139.125**

Count: 139.000-139.249  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 139.249  
Floor\_strike: 139.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1710-T138.000**

Count: 138.000  
Date: July 17, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1710-T139.249**

Count: 139.249  
Date: July 17, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1718-B138.875**

Count: 138.750-138.999  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 138.999  
Floor\_strike: 138.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1718-B139.125**

Count: 139.000-139.249  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 139.249  
Floor\_strike: 139.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1718-B139.375**

Count: 139.250-139.499  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 139.499  
Floor\_strike: 139.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1718-B139.625**

Count: 139.500-139.749  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 139.749  
Floor\_strike: 139.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1718-B139.875**

Count: 139.750-139.999  
Date: July 17, 2023  
Above/Below/Between: between  
Cap\_strike: 139.999  
Floor\_strike: 139.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1718-T138.750**

Count: 138.750  
Date: July 17, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1718-T139.999**

Count: 139.999  
Date: July 17, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1810-B138.125**

Count: 138.000-138.249  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 138.249  
Floor\_strike: 138.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1810-B138.375**

Count: 138.250-138.499  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 138.499

Floor\_strike: 138.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1810-B138.625**

Count: 138.500-138.749  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 138.749  
Floor\_strike: 138.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1810-B138.875**

Count: 138.750-138.999  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 138.999  
Floor\_strike: 138.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1810-B139.125**

Count: 139.000-139.249  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 139.249  
Floor\_strike: 139.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1810-T138.000**

Count: 138.000  
Date: July 18, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1810-T139.249**

Count: 139.249  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1818-B137.375**

Count: 137.250-137.499  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 137.499  
Floor\_strike: 137.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1818-B137.625**



Count: 137.500-137.749  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 137.749  
Floor\_strike: 137.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1818-B137.875**

Count: 137.750-137.999  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 137.999  
Floor\_strike: 137.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1818-B138.125**

Count: 138.000-138.249  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 138.249  
Floor\_strike: 138.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1818-B138.375**

Count: 138.250-138.499  
Date: July 18, 2023  
Above/Below/Between: between  
Cap\_strike: 138.499  
Floor\_strike: 138.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1818-T137.250**

Count: 137.250  
Date: July 18, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1818-T138.499**

Count: 138.499  
Date: July 18, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1910-B138.375**

Count: 138.250-138.499  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 138.499  
Floor\_strike: 138.250

Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1910-B138.625**

Count: 138.500-138.749  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 138.749  
Floor\_strike: 138.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1910-B138.875**

Count: 138.750-138.999  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 138.999  
Floor\_strike: 138.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1910-B139.125**

Count: 139.000-139.249  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 139.249  
Floor\_strike: 139.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1910-B139.375**

Count: 139.250-139.499  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 139.499  
Floor\_strike: 139.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1910-T138.250**

Count: 138.250  
Date: July 19, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1910-T139.499**

Count: 139.499  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL1918-B139.125**

Count: 139.000-139.249

Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 139.249  
Floor\_strike: 139.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1918-B139.375**

Count: 139.250-139.499  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 139.499  
Floor\_strike: 139.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1918-B139.625**

Count: 139.500-139.749  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 139.749  
Floor\_strike: 139.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1918-B139.875**

Count: 139.750-139.999  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 139.999  
Floor\_strike: 139.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1918-B140.125**

Count: 140.000-140.249  
Date: July 19, 2023  
Above/Below/Between: between  
Cap\_strike: 140.249  
Floor\_strike: 140.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1918-T139.000**

Count: 139.000  
Date: July 19, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL1918-T140.249**

Count: 140.249  
Date: July 19, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT

Expiration Time: 7 PM EDT

**USDJPY-23JUL2010-B139.125**

Count: 139.000-139.249  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 139.249  
Floor\_strike: 139.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2010-B139.375**

Count: 139.250-139.499  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 139.499  
Floor\_strike: 139.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2010-B139.625**

Count: 139.500-139.749  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 139.749  
Floor\_strike: 139.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2010-B139.875**

Count: 139.750-139.999  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 139.999  
Floor\_strike: 139.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2010-B140.125**

Count: 140.000-140.249  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 140.249  
Floor\_strike: 140.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2010-T139.000**

Count: 139.000  
Date: July 20, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2010-T140.249**

Count: 140.249  
Date: July 20, 2023

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

**USDJPY-23JUL2018-B139.375**

Count: 139.250-139.499  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 139.499  
Floor\_strike: 139.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2018-B139.625**

Count: 139.500-139.749  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 139.749  
Floor\_strike: 139.500  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2018-B139.875**

Count: 139.750-139.999  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 139.999  
Floor\_strike: 139.750  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2018-B140.125**

Count: 140.000-140.249  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 140.249  
Floor\_strike: 140.000  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2018-B140.375**

Count: 140.250-140.499  
Date: July 20, 2023  
Above/Below/Between: between  
Cap\_strike: 140.499  
Floor\_strike: 140.250  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2018-T139.250**

Count: 139.250  
Date: July 20, 2023  
Above/Below/Between: below  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2018-T140.499**

Count: 140.499  
Date: July 20, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 6 PM EDT  
Expiration Time: 7 PM EDT

**USDJPY-23JUL2110-B139.625**

Count: 139.500-139.749  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 139.749  
Floor\_strike: 139.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2110-B139.875**

Count: 139.750-139.999  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 139.999  
Floor\_strike: 139.750  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2110-B140.125**

Count: 140.000-140.249  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 140.249  
Floor\_strike: 140.000  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2110-B140.375**

Count: 140.250-140.499  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 140.499  
Floor\_strike: 140.250  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2110-B140.625**

Count: 140.500-140.749  
Date: July 21, 2023  
Above/Below/Between: between  
Cap\_strike: 140.749  
Floor\_strike: 140.500  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

**USDJPY-23JUL2110-T139.500**

Count: 139.500  
Date: July 21, 2023  
Above/Below/Between: below  
Cap\_strike: NA

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

**USDJPY-23JUL2110-T140.749**

Count: 140.749  
Date: July 21, 2023  
Above/Below/Between: above  
Cap\_strike: NA  
Floor\_strike: NA  
Time: 10 AM EDT  
Expiration Time: 11 AM EDT

- Changes made to ticker USDRUBMINMAX (Category: Commodity Price, Product Name: Will USD/RUB be by ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**USDRUBMAX-23DEC31-T100**

Above/Below: above  
Count: 100  
Date: Dec 31, 2023

**USDRUBMAX-23DEC31-T105**

Above/Below: above  
Count: 105  
Date: Dec 31, 2023

**USDRUBMAX-23DEC31-T110**

Above/Below: above  
Count: 110  
Date: Dec 31, 2023

**USDRUBMAX-23DEC31-T130**

Above/Below: above  
Count: 130  
Date: Dec 31, 2023

**USDRUBMAX-23DEC31-T95**

Above/Below: above  
Count: 95  
Date: Dec 31, 2023

- Changes made to ticker USDTWDMINMAX (Category: Commodity Price, Product Name: Will USD/TWD be {{above/below}} {{count}} by {{date}}?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**USDTWDMAX-24DEC31-T40**

Above/Below: above  
Count: 40  
Date: Dec 31, 2024

**USDTWDMAX-24DEC31-T50**

Above/Below: above  
Count: 50  
Date: Dec 31, 2024

**USDTWDMAX-24DEC31-T60**

Above/Below: above  
Count: 60

Date: Dec 31, 2024

- Changes made to ticker WGA (Category: Entertainment/Popular Culture, Product Name: Will the WGA strike end by ?) to update the strike price and contract duration in conformity with the contract's established listing cycle. The changes are:

**WGA-24FEB1**

Date: February 1, 2024

**WGA-24JAN1**

Date: January 1, 2024

**WGA-24MAR1**

Date: March 1, 2024

- 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-23JUL18-B70.5**

Date: July 18, 2023

Above/Below/Between: between

Price: \$70 and 70.99

Cap\_strike: 70.99

Floor\_strike: 70

**WTI-23JUL18-B71.5**

Date: July 18, 2023

Above/Below/Between: between

Price: \$71 and 71.99

Cap\_strike: 71.99

Floor\_strike: 71

**WTI-23JUL18-B72.5**

Date: July 18, 2023

Above/Below/Between: between

Price: \$72 and 72.99

Cap\_strike: 72.99

Floor\_strike: 72

**WTI-23JUL18-B73.5**

Date: July 18, 2023

Above/Below/Between: between

Price: \$73 and 73.99

Cap\_strike: 73.99

Floor\_strike: 73

**WTI-23JUL18-B74.5**

Date: July 18, 2023

Above/Below/Between: between

Price: \$74 and 74.99

Cap\_strike: 74.99

Floor\_strike: 74

**WTI-23JUL18-B75.5**

Date: July 18, 2023

Above/Below/Between: between

Price: \$75 and 75.99

Cap\_strike: 75.99



Floor\_strike: 75

**WTI-23JUL18-B76.5**

Date: July 18, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-23JUL18-B77.5**

Date: July 18, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-23JUL18-T70**

Date: July 18, 2023  
Above/Below/Between: below  
Price: \$70  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL18-T77.99**

Date: July 18, 2023  
Above/Below/Between: above  
Price: \$77.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL19-B71.5**

Date: July 19, 2023  
Above/Below/Between: between  
Price: \$71 and 71.99  
Cap\_strike: 71.99  
Floor\_strike: 71

**WTI-23JUL19-B72.5**

Date: July 19, 2023  
Above/Below/Between: between  
Price: \$72 and 72.99  
Cap\_strike: 72.99  
Floor\_strike: 72

**WTI-23JUL19-B73.5**

Date: July 19, 2023  
Above/Below/Between: between  
Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTI-23JUL19-B74.5**

Date: July 19, 2023  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-23JUL19-B75.5**

Date: July 19, 2023

Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-23JUL19-B76.5**

Date: July 19, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-23JUL19-B77.5**

Date: July 19, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-23JUL19-B78.5**

Date: July 19, 2023  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-23JUL19-T71**

Date: July 19, 2023  
Above/Below/Between: below  
Price: \$71  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL19-T78.99**

Date: July 19, 2023  
Above/Below/Between: above  
Price: \$78.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL20-B71.5**

Date: July 20, 2023  
Above/Below/Between: between  
Price: \$71 and 71.99  
Cap\_strike: 71.99  
Floor\_strike: 71

**WTI-23JUL20-B72.5**

Date: July 20, 2023  
Above/Below/Between: between  
Price: \$72 and 72.99  
Cap\_strike: 72.99  
Floor\_strike: 72

**WTI-23JUL20-B73.5**

Date: July 20, 2023  
Above/Below/Between: between  
Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTI-23JUL20-B74.5**

Date: July 20, 2023  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-23JUL20-B75.5**

Date: July 20, 2023  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-23JUL20-B76.5**

Date: July 20, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-23JUL20-B77.5**

Date: July 20, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-23JUL20-B78.5**

Date: July 20, 2023  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-23JUL20-T71**

Date: July 20, 2023  
Above/Below/Between: below  
Price: \$71  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL20-T78.99**

Date: July 20, 2023  
Above/Below/Between: above  
Price: \$78.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL24-B72.5**

Date: July 24, 2023  
Above/Below/Between: between  
Price: \$72 and 72.99  
Cap\_strike: 72.99  
Floor\_strike: 72

**WTI-23JUL24-B73.5**

Date: July 24, 2023  
Above/Below/Between: between

Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTI-23JUL24-B74.5**

Date: July 24, 2023  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTI-23JUL24-B75.5**

Date: July 24, 2023  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTI-23JUL24-B76.5**

Date: July 24, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTI-23JUL24-B77.5**

Date: July 24, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTI-23JUL24-B78.5**

Date: July 24, 2023  
Above/Below/Between: between  
Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTI-23JUL24-B79.5**

Date: July 24, 2023  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTI-23JUL24-T72**

Date: July 24, 2023  
Above/Below/Between: below  
Price: \$72  
Cap\_strike: NA  
Floor\_strike: NA

**WTI-23JUL24-T79.99**

Date: July 24, 2023  
Above/Below/Between: above  
Price: \$79.99  
Cap\_strike: NA  
Floor\_strike: NA

**WTIW-23JUL28-B70.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$70 and 70.99  
Cap\_strike: 70.99  
Floor\_strike: 70

**WTIW-23JUL28-B71.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$71 and 71.99  
Cap\_strike: 71.99  
Floor\_strike: 71

**WTIW-23JUL28-B72.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$72 and 72.99  
Cap\_strike: 72.99  
Floor\_strike: 72

**WTIW-23JUL28-B73.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$73 and 73.99  
Cap\_strike: 73.99  
Floor\_strike: 73

**WTIW-23JUL28-B74.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$74 and 74.99  
Cap\_strike: 74.99  
Floor\_strike: 74

**WTIW-23JUL28-B75.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$75 and 75.99  
Cap\_strike: 75.99  
Floor\_strike: 75

**WTIW-23JUL28-B76.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$76 and 76.99  
Cap\_strike: 76.99  
Floor\_strike: 76

**WTIW-23JUL28-B77.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$77 and 77.99  
Cap\_strike: 77.99  
Floor\_strike: 77

**WTIW-23JUL28-B78.5**

Date: July 28, 2023  
Above/Below/Between: between

Price: \$78 and 78.99  
Cap\_strike: 78.99  
Floor\_strike: 78

**WTIW-23JUL28-B79.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$79 and 79.99  
Cap\_strike: 79.99  
Floor\_strike: 79

**WTIW-23JUL28-B80.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$80 and 80.99  
Cap\_strike: 80.99  
Floor\_strike: 80

**WTIW-23JUL28-B81.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$81 and 81.99  
Cap\_strike: 81.99  
Floor\_strike: 81

**WTIW-23JUL28-B82.5**

Date: July 28, 2023  
Above/Below/Between: between  
Price: \$82 and 82.99  
Cap\_strike: 82.99  
Floor\_strike: 82

**WTIW-23JUL28-T70**

Date: July 28, 2023  
Above/Below/Between: below  
Price: \$70  
Cap\_strike: NA  
Floor\_strike: NA

**WTIW-23JUL28-T82.99**

Date: July 28, 2023  
Above/Below/Between: above  
Price: \$82.99  
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