

```
```mq4
```

```
#property indicator_chart_window
```

```
datetime[] datesSet1 = { D'2021.12.22', D'2021.09.23', D'2021.06.22', D'2021.03.21' };
```

```
datetime[] datesSet2 = { D'2022.02.04', D'2022.05.06', D'2022.08.18', D'2022.11.07' };
```

```
void OnInit()
```

```
{
 IndicatorShortName("Dates Indicator");
}
```

```
void OnCalculate(const int rates_total, const int prev_calculated, const datetime &time[], const double &open[], const double &high[],
```

```
const double &low[], const double &close[], const long &tick_volume[], const long &volume[], const int &spread[])
```

```
{
 for (int i = 0; i < ArraySize(datesSet1); i++)
 {
 int index = ArrayBsearch(time, datesSet1[i]);
```

```
 if (index >= 0)
```

```
 {
 // Draw horizontal line for the high
 ObjectCreate("HighLineSet1_" + i, OBJ_HLINE, 0, datesSet1[i], high[index]);
 ObjectSet("HighLineSet1_" + i, OBJPROP_COLOR, clrGreen);
 ObjectSet("HighLineSet1_" + i, OBJPROP_STYLE, STYLE_SOLID);
 ObjectSet("HighLineSet1_" + i, OBJPROP_WIDTH, 2);
```

```
 // Draw horizontal line for the low
```

```
 ObjectCreate("LowLineSet1_" + i, OBJ_HLINE, 0, datesSet1[i], low[index]);
 ObjectSet("LowLineSet1_" + i, OBJPROP_COLOR, clrGreen);
 ObjectSet("LowLineSet1_" + i, OBJPROP_STYLE, STYLE_SOLID);
 ObjectSet("LowLineSet1_" + i, OBJPROP_WIDTH, 2);
```

```
 // Draw vertical line
```

```
 ObjectCreate("VerticalLineSet1_" + i, OBJ_VLINE, 0, datesSet1[i], 0, low[index]);
 ObjectSet("VerticalLineSet1_" + i, OBJPROP_COLOR, clrGreen);
 ObjectSet("VerticalLineSet1_" + i, OBJPROP_STYLE, STYLE_SOLID);
 ObjectSet("VerticalLineSet1_" + i, OBJPROP_WIDTH, 2);
 }
 }
}
```

```
for (int i = 0; i < ArraySize(datesSet2); i++)
```

```
{
 int index = ArrayBsearch(time, datesSet2[i]);
```

```
 if (index >= 0)
```

```
 {
 // Draw horizontal line for the high
 ObjectCreate("HighLineSet2_" + i, OBJ_HLINE, 0, datesSet2[i], high[index]);
 ObjectSet("HighLineSet2_" + i, OBJPROP_COLOR, clrRed);
 ObjectSet("HighLineSet2_" + i, OBJPROP_STYLE, STYLE_DASH);
 ObjectSet("HighLineSet2_" + i, OBJPROP_WIDTH, 2);
```

```
 // Draw horizontal line for the low
```

```
 ObjectCreate("LowLineSet2_" + i, OBJ_HLINE, 0, datesSet2[i], low[index]);
 ObjectSet("LowLineSet2_" + i, OBJPROP_COLOR, clrRed);
 ObjectSet("LowLineSet2_" + i, OBJPROP_STYLE, STYLE_DASH);
 ObjectSet("LowLineSet2_" + i, OBJPROP_WIDTH, 2);
```

```
 // Draw vertical line
```

```
 ObjectCreate("VerticalLineSet2_" + i, OBJ_VLINE, 0, datesSet2[i], 0, low[index]);
 ObjectSet("VerticalLineSet2_" + i, OBJPROP_COLOR, clrRed);
 ObjectSet("VerticalLineSet2_" + i, OBJPROP_STYLE, STYLE_DASH);
 ObjectSet("VerticalLineSet2_" + i, OBJPROP_WIDTH, 2);
 }
}
```