



S-Trader





PSAR | Parabolic Stop And Reverse

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Description

Developed by Welles Wilder, the Parabolic SAR refers to a price-and-time-based trading system. Wilder called this the "Parabolic Time/Price System." SAR stands for "stop and reverse," which is the actual indicator used in the system. SAR trails price as the trend extends over time. The indicator is below prices when prices are rising and above prices when prices are falling. In this regard, the indicator stops and reverses when the price trend reverses and breaks above or below the indicator.

Formula

N/A

Parameters

Min AF	Any number
Max AF	Any number

Output value(s)

There is one output value resulting from the formula, the Parabolic SAR.

Plot

Special plot: The plot is an overlay inside the price series panel.



Quant Script™ Syntax

Short Form	<i>PSAR</i> (Min AF, Max AF)
Long Form	<i>ParabolicSAR</i> (Min AF, Max AF)

Dialogs

Chart Study Dialog

Parabolic Stop & Reverse [X]

Indicator Parameters

Symbol: USDCAD.FXCM

Min AF: 0.02000

Max AF: 0.20000

Series Configuration

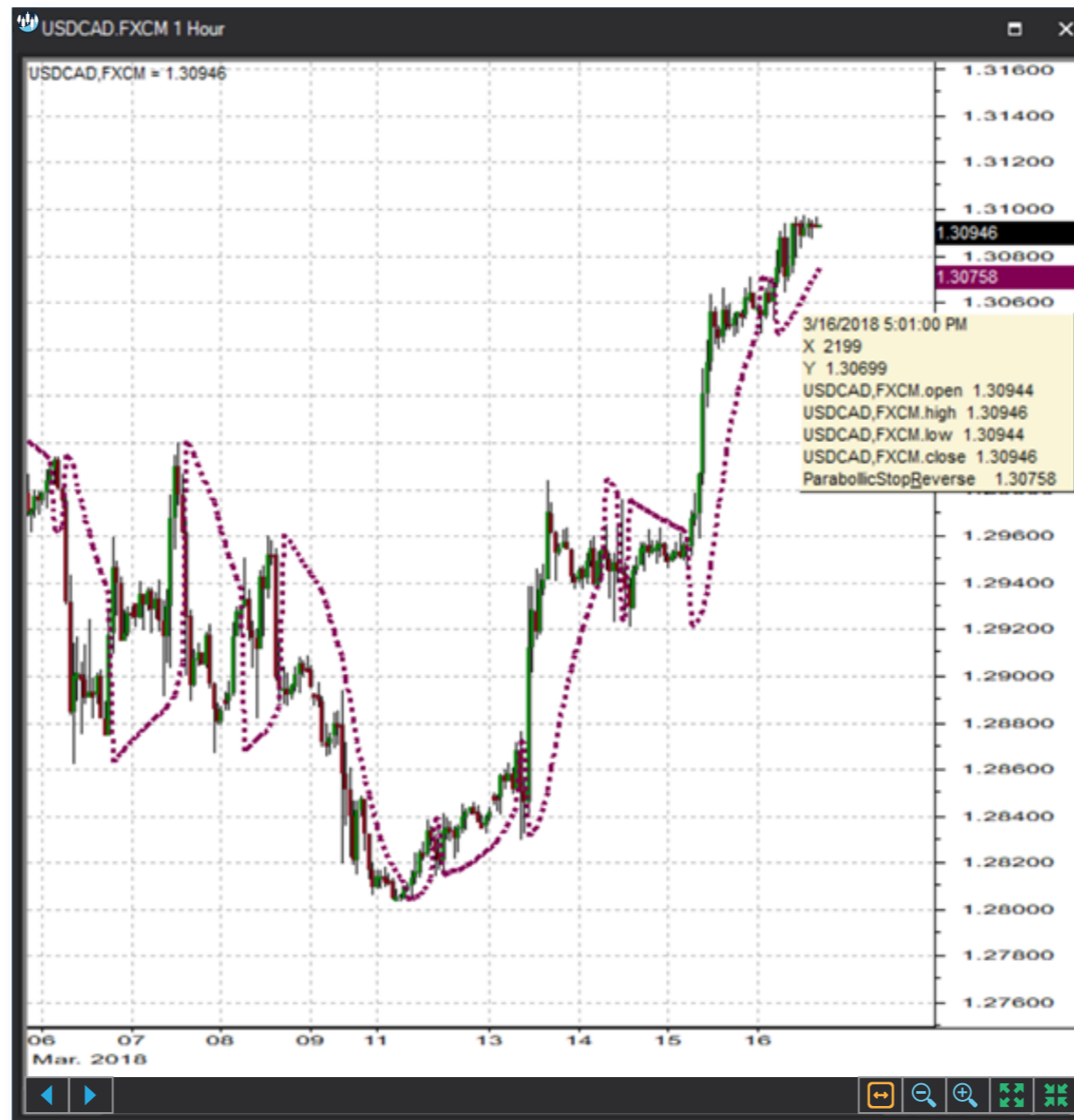
Main: Line | Dot: | 3 | [Color Selection]

Save as Default Setting

[Add] [Cancel]



Sample Chart With Study





Quant Script™ Wizard Study Dialog

The image shows two overlapping dialog boxes in the S-Trader desktop platform. The 'Custom Study Wizard' dialog is on the left, and the 'Add Variable' dialog is on the right.

Custom Study Wizard

- Save To Group: Default
- Custom Study Name: [Empty text box]
- Password: [Empty text box]
- Result: Line, Solid, 2, [Color swatches]
- Reverse_Result: Line, Solid, 2, [Color swatches]
- Buttons: Add To New Panel (checked), Add New Variable, Edit Selected Variable
- Table:

Name	Description
------	-------------
- Buttons: OK, Cancel

Add Variable

- Name: [Empty text box]
- Description: [Empty text box]
- Variable List:
 - MACDSTrader
 - MACDSTraderHistogram
 - MACDSTraderSignal
 - MACDSTS
 - MACDStudy
 - MO
 - MomentumOscillator
 - ParabolicSAR
 - PercentagePriceOscillator
 - PercentagePriceOscillatorHistogram
 - PercentagePriceOscillatorSignal
 - PerformanceIndex
 - PFI
 - PGO
 - PNO
 - PPO
 - PPOH
 - PPOS
- Parameters:
 - Min AF: 0.02
 - Max AF: 0.20
- Button: Create Script Line
- Preview: ParabolicSAR(0.02, 0.20)
- Buttons: OK, Cancel



Quant Script™ Study Dialog

Custom Study Editor [X]

Save To Group: 3_OSCILLATORS_PRICE [A] 14.00

Custom Study Name: PSAR

Password: [Empty]

Result: Line [Solid] 2 [Color: Teal]

Reverse_Result: Line [Solid] 2 [Color: Purple]

Formula: `SET RESULT = PSAR(0.20, 20.00)`
`SET REVERSE_RESULT = ParabolicSAR(0.20, 20.00)` [Add To New Panel]

[OK] [Cancel]