

Windward Equations Operators Reference

Here is the complete list of Windward equation operators.

Valid operands for these operators are:

- numbers
- [Boolean](#) values
- variable references (e.g. "\${VariableName}") whose values are numbers or Boolean values
- Windward functions that return a number or Boolean value
- other equations that return a number or Boolean value

When an equation is evaluated, the value of a variable is substituted for its reference.

 The logical operators expecting a Boolean value treat NULL as *false*.

Operator	Description
(	Open parenthesis
)	Close parenthesis
,	Comma
*	Multiplication
/	Division
div	Division
%	Modulus - divide the left-hand operand by the right-hand operand and return the remainder
mod	Modulus - divide the left-hand operand by the right-hand operand and return the remainder
+	Addition
-	Subtraction
=	Assignment

Operator	Description
==	Comparison - if the two operands are equal return <i>true</i> ; else return <i>false</i>
eq	Equal
!=	Not equal - return <i>true</i> if the operands are not equal; else return <i>false</i>
ne	Not equal - return <i>true</i> if the operands are not equal; else return <i>false</i>
<	Less than - return <i>true</i> if the left-hand operand is less than the right-hand operand; else return <i>false</i>
lt	Less than - return <i>true</i> if the left-hand operand is less than the right-hand operand; else return <i>false</i>
>	Greater than - return <i>true</i> if the left-hand operand is greater than the right-hand operand; else return <i>false</i>
gt	Greater than - return <i>true</i> if the left-hand operand is greater than the right-hand operand; else return <i>false</i>
<=	Less than or equal to - return <i>true</i> if the left-hand operand is less than or equal to the right-hand operand; else return <i>false</i>
le	Less than or equal to - return <i>true</i> if the left-hand operand is less than or equal to the right-hand operand; else return <i>false</i>
>=	Greater than or equal to - return <i>true</i> if the left-hand operand is greater than or equal to the right-hand operand; else return <i>false</i>
ge	Greater than or equal to - return <i>true</i> if the left-hand operand is greater than or equal to the right-hand operand; else return <i>false</i>
&&	Logical AND - return <i>true</i> if both operands are <i>true</i> , else return <i>false</i>
and	Logical AND - return <i>true</i> if both operands are <i>true</i> , else return <i>false</i>
	Logical OR - return <i>true</i> if either or both operands are <i>true</i> , else return <i>false</i>
or	Logical OR - return <i>true</i> if either or both operands are <i>true</i> , else return <i>false</i>
!	Logical NOT - return <i>true</i> if the operand is <i>false</i> ; else return <i>false</i>
not	Logical NOT - return <i>true</i> if the operand is <i>false</i> ; else return <i>false</i>