```
sizeX = 2
sizeY = 3
deltaX = 100.0
deltaY = 50.0

grid = RegularGridCoverage(sizeX, sizeY, deltaX, deltaY)
grid.IsTimeDependent = True

grid[DateTime(2000, 1, 1)] = (1.0, 1.0, 1.0, 0.1, 1.0, 1.0)
grid[DateTime(2000, 1, 2)] = (1.0, 1.0, 1.0, 0.2, 1.0, 1.0)
grid[DateTime(2000, 1, 3)] = (1.0, 1.0, 1.0, 0.1, 1.0, 1.0)

time = DateTime(2000, 1, 2)
x = 100.0
y = 50.0

# evaluate and print grid value
print grid[time, x, y]

> 0.2
```