RM Weather Control

Below is the information on using RM Weather control.

Command	Required	Explanation
.GetWeather	Yes	This command is used to capture all the weather information from the internet.
.Image	No	This is the image used in association with the current weather conditions.
.Temp	No	This will grab the Temperature for display.
.Current	No	This is user to get the current condition. *(Partly Cloudy, Clear, Etc…)*
.FeelsLike	No	Displays what the temperature feels like not the actual temp.
.UVIndex	No	Displays the UV Index.
.Wind	No	Displays the current wind conditions.
.Humidity	No	Displays the Humidity
.Barometer	No	Displays the Barometric Pressure
.CityName	No	Displays the City, State, and Zip code
.DewPoint	No	Displays the Dew Point
. Visibility	No	Displays the Visibility
.Report	No	Displays the area, time and date that the weather was last updated.

RM Weather Control Source Code

In Visual Basic create a new User Control. Then add the following code and compile it with the name **"rmwx.ocx"** or whatever you prefer.

```
Private Type cWx
cCityName As String
cCurrent As String
cTemp As String
cFeelsLike As String
cReport As String
cWind As String
cDewPoint As String
cUVIndex As String
cHumidity As String
cVisibality As String
cBarometer As String
cImageURL As String
cImage As String
End Type

Private cWx As cWx

Public Sub GetWeather(sZip As String)
Dim sStart, sEnd, sEnd1
Dim sTmp

DoEvents
sTmp = Inet1.OpenURL("http://www.weather.com/weather/local/" & sZip & ".htm")

On Error Resume Next
sStart = InStr(sTmp, "<!-- Insert City Name and Zip Code -->")
sEnd = InStrRev(sTmp, "<B>", Int(sStart)) + 3
cWx.cCityName = Right(Mid(sTmp, sEnd, sStart - sEnd), Len(Mid(sTmp, sEnd, sStart - sEnd)) - 1)

sStart = InStr(sStart, sTmp, "<!-- insert reported by and last updated info -->") + 49
sStart = InStr(sStart, sTmp, "reported")
sEnd1 = InStr(sStart, sTmp, "DT)") + 3
cWx.cReport = "as " & Replace(Mid(sTmp, sStart, sEnd1 - sStart), " ", " ")

sStart = InStr(Int(sEnd1), sTmp, "<!-- insert wx icon --><img src=") + 33
sEnd = InStr(sStart, sTmp, "width") - 2
cWx.cImageURL = Mid(sTmp, sStart, sEnd - sStart)

sStart = InStr(Int(sEnd1), sTmp, "http://image.weather.com/web/common/wxicons/52/") + 47
sEnd = InStr(sStart, sTmp, "width") - 6
cWx.cImage = Mid(sTmp, sStart, sEnd - sStart)

sStart = InStr(Int(sEnd), sTmp, "<!-- insert forecast text -->") + 29
sEnd = InStr(sStart, sTmp, "</td>")
cWx.cCurrent = Mid(sTmp, sStart, sEnd - sStart)

sStart = InStr(Int(sEnd), sTmp, "<!-- insert current temp -->") + 28
sEnd = InStr(sStart, sTmp, "</B>")
cWx.cTemp = Mid(sTmp, sStart, sEnd - sStart)
```

```
sStart = InStr(Int(sEnd), sTmp, "<!-- insert feels like temp -->") + 31
sEnd = InStr(sStart, sTmp, "</font>")
cWx.cFeelsLike = Mid(sTmp, sStart, sEnd - sStart)

sStart = InStr(Int(sEnd), sTmp, "<!-- insert UV number -->") + 25
sEnd = InStr(sStart, sTmp, "</td>")
cWx.cUVIndex = Replace(Mid(sTmp, sStart, sEnd - sStart), " ", " ")

sStart = InStr(Int(sEnd), sTmp, "<!-- insert wind information -->") + 32
sEnd = InStr(sStart, sTmp, "</td>")
cWx.cWind = Replace(Mid(sTmp, sStart, sEnd - sStart), " ", " ")

sStart = InStr(Int(sEnd), sTmp, "<!-- insert dew point -->") + 25
sEnd = InStr(sStart, sTmp, "</td>")
cWx.cDewPoint = Replace(Mid(sTmp, sStart, sEnd - sStart), " ", " ")

sStart = InStr(Int(sEnd), sTmp, "<!-- insert humidity -->") + 24
sEnd = InStr(sStart, sTmp, "</td>")
cWx.cHumidity = Replace(Mid(sTmp, sStart, sEnd - sStart), " ", " ")

sStart = InStr(Int(sEnd), sTmp, "<!-- insert visibility -->") + 26
sEnd = InStr(sStart, sTmp, "</td>")
cWx.cVisibality = Replace(Mid(sTmp, sStart, sEnd - sStart), " ", " ")

sStart = InStr(Int(sEnd), sTmp, "<!-- insert barometer information -->") + 37
sEnd = InStr(sStart, sTmp, "</td>")
cWx.cBarometer = Replace(Mid(sTmp, sStart, sEnd - sStart), " ", " ")
Unload Form2

End Sub
Function CityName() As String
CityName = cWx.cCityName
End Function
Function Report() As String
Report = cWx.cReport
End Function
'This is for later use
Private Function ImageURL() As String
ImageURL = cWx.cImageURL
End Function
Function Image() As String
Image = cWx.cImage
End Function
Function Current() As String
Current = cWx.cCurrent
End Function
Function Temp() As String
Temp = cWx.cTemp & " " & Chr(176) & "F"
End Function
Function FeelsLike() As String
FeelsLike = Replace(cWx.cFeelsLike, " &deg;", " " & Chr(176))
End Function
Function UVIndex() As String
UVIndex = cWx.cUVIndex
End Function
```

```
Function Wind() As String
Wind = cWx.cWind
End Function
Function DewPoint() As String
DewPoint = Replace(cWx.cDewPoint, "&deg;", Chr(176))
End Function
Function Humidity() As String
Humidity = cWx.cHumidity
End Function
Function Visibility() As String
Visibility = cWx.cVisibality
End Function
Function Barometer() As String
Barometer = cWx.cBarometer
End Function
Private Sub UserControl_Initialize()
UserControl.Picture = LoadPicture(App.Path & "\rmwx.bmp")
End Sub
Private Sub UserControl_Resize()
With UserControl
.Height = "495"
.Width = "495"
End With
End Sub
```

RM Weather Control Basic Usage

Ok we will assume that the Visual Basic control is called **“RMWx”**

```
Private Sub Form1_Load()
    RMWx1.GetWeather “90210”
    Form1.Pic1.Picture = LoadPicture(App.Path & "\images\" & RMWx1.Image & ".gif")
    Form1.Text7 = RMWx1.Temp
    Form1.Text8 = RMWx1.Current
    Form1.Text6 = RMWx1.FeelsLike
    Form1.Text1 = RMWx1.UVIndex
    Form1.Text2 = RMWx1.Wind
    Form1.Text3 = RMWx1.Humidity
    Form1.Text4 = RMWx1.Barometer
    Form1.Text10 = RMWx1.CityName
    Form1.Text5 = RMWx1.DewPoint
    Form1.Text11 = RMWx1.Visibility
End Sub
```