

Affichage du code source :

```
'-----  
'  
' commande la station meteo par com1  
' 9600 bauds pas partite un bit stop  
' ecrit en vb6 sur w2k  
'-----  
  
Dim chaine_lue As String  
Dim valeur As Integer  
Dim resultat As Integer  
Dim x, y As Integer  
  
'-----  
  
'configure et ouvre com1 si pas deja fait  
Private Sub Command1_Click()  
    opencom1  
End Sub  
  
'-----  
  
Private Sub Command12_Click()  
    closecom1  
End  
End Sub  
  
'-----  
  
'fermeture de com1 si ouvert  
Private Sub Command2_Click()  
    closecom1  
End Sub  
  
'-----  
  
'ecriture de com1  
Private Sub Command3_Click()  
    opencom1  
    b$ = InputBox("entrer le caractere a envoyer", "Saisie", "")  
    writecom1 (b$)  
    Text4 = "Caractere " + b$ + " envoye"  
End Sub  
  
'-----  
  
'lecture de com1  
Private Sub Command4_Click()  
    opencom1  
    resultat = readcom1  
End Sub  
  
'-----  
  
Private Sub Form_Load()  
    MSComm1.InputLen = 0  
    MSComm1.InputMode = comInputModeText  
End Sub
```

```
'-----  
  
Public Sub opencom1()  
  If (MSComm1.PortOpen = False) Then  
    MSComm1.CommPort = 1  
    MSComm1.Settings = "9600,N,8,1"  
    MSComm1.PortOpen = True  
    Text1 = "Com1: ouvert et configuré"  
  End If  
  If Err Then  
    MsgBox "COM1: n'est pas disponible. Changez la propriété CommPort pour un autre port."  
  Exit Sub  
End If  
End Sub
```

```
'-----  
  
Public Sub closecom1()  
  If MSComm1.PortOpen Then  
    MSComm1.PortOpen = False  
    Text1 = "Com1: fermé"  
  End If  
End Sub
```

```
'-----  
  
Public Sub writecom1(variable As String)  
  opencom1  
  MSComm1.Output = variable  
  Text4 = "Caractere " + variable + " envoye"  
End Sub
```

```
'-----  
  
Public Function readcom1() As Integer  
  opencom1  
  chaine_lue = MSComm1.Input  
  If (chaine_lue = "") Then  
    readcom1 = 0  
    Text2 = ""  
    Text3 = "Pas de valeur recue"  
  Else  
    valeur = Asc(chaine_lue)  
    Text2 = "Caractere lu = " + chaine_lue  
    Text3 = "Valeur = " + Str$(valeur)  
    readcom1 = valeur  
  End If  
End Function
```

```
'-----  
  
Public Function attendre()  
'pour attendre 2000 millisecondes  
  For x = 1 To 2000  
    For y = 1 To 700  
      Next y  
    Next x  
End Function
```

'pluviometrie

```
Private Sub Command5_Click()  
    writecom1 ("0")  
    attendre  
    valeur = readcom1  
    writecom1 ("0")  
    attendre  
    valeur = readcom1  
    Text5 = "Nombre de basculements = " + Str$(valeur)  
End Sub
```

'pression

```
Private Sub Command6_Click()  
    writecom1 ("1")  
    attendre  
    valeur = readcom1  
    writecom1 ("1")  
    attendre  
    valeur = readcom1  
    Text6 = "Pression = " + Str$(valeur)  
End Sub
```

'hygrometrie

```
Private Sub Command7_Click()  
    writecom1 ("2")  
    attendre  
    valeur = readcom1  
    writecom1 ("2")  
    attendre  
    valeur = readcom1  
    Text7 = "Hygrométrie = " + Str$(valeur)  
End Sub
```

'luminosité

```
Private Sub Command8_Click()  
    writecom1 ("3")  
    attendre  
    valeur = readcom1  
    writecom1 ("3")  
    attendre  
    valeur = readcom1  
    Text8 = "Luminosité = " + Str$(valeur)  
End Sub
```

'sens du vent

```
Private Sub Command9_Click()  
    writecom1 ("4")  
    attendre  
    valeur = readcom1
```

```
writecom1 ("4")
attendre
valeur = readcom1
Text9 = "Sens du vent = " + Str$(valeur)
End Sub
```

```
'temperature
Private Sub Command10_Click()
writecom1 ("5")
attendre
valeur = readcom1
writecom1 ("5")
attendre
valeur = readcom1
Text10 = "Température = " + Str$(valeur)
End Sub
```

```
'vitesse du vent
Private Sub Command11_Click()
writecom1 ("6")
attendre
valeur = readcom1
writecom1 ("6")
attendre
valeur = readcom1
Text11 = "Vitesse du vent = " + Str$(valeur)
End Sub
```

Affichage de l'objet :

The image shows a Windows application window titled "Projet1 - Form1 (Form)" containing a sub-window titled "commande station meteo par com1". The sub-window has a cyan background with a dotted pattern and is divided into two main sections.

Controles

This section contains several controls:

- Buttons: "open com1" (orange), "close com1" (orange), "write" (yellow), "read" (green), and "Exit" (orange).
- Text boxes: "Etat du port" (pink), "Carcatere envoye" (yellow), "caractere recu" (green), and "valeur du caractere" (green).
- Icon: A telephone handset icon.

Donnés météorologiques

This section displays meteorological data in a table-like structure:

Pluviométrie	nombre basculements
Pression	millibars
Hygrométrie	pourcentage
Luminosité	luxs
Sens du vent	degrés
Température	degrés
Vitesse du vent	nombre de rotations