

#### 4.2.2.1 GetCurrentData

<b>WSDL URL:</b>	https://<server_name>:8443/ws2/envidb/envidb-current-data?wsdl
<b>Method:</b>	<b>GetCurrentData</b>
<b>Arguments:</b>	-
<b>Return:</b>	<b>[<a href="#">CurrentDataTable</a>]</b>
<b>Failure:</b>	-
<b>Description:</b>	Returns current EnviDB data values for all stations, sources and variables (specified by stations observations)
<b>IMS Permission:</b>	<b>WsEnvidbGetCurentData</b>
<b>Performance:</b>	<b>Safe</b>

```
<?xml version="1.0" ?>
<S:Envelope
  xmlns:S="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns2="http://www.microstep-mis.com/ims4/ws2/wsdL/envidb/envidb-current-data"/>
  <S:Body>
    <ns2:GetCurrentData />
  </S:Body>
</S:Envelope>
```

SOAP 15 GetCurrentData SOAP request

```
<soap:Envelope
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="http://www.microstep-mis.com/ims4/ws2/wsdL/envidb/envidb-current-data">
  <soap:Body>
    <ns1:GetCurrentDataResponse
      xmlns:ns1="http://www.microstep-mis.com/ims4/ws2/wsdL/envidb/envidb-current-data">
      <GetCurrentDataResponse>
        <Stations>
          <StationName>Al_Jadaf</StationName>
          <StationId>11</StationId>
          <Sources>
            <SourceName>0</SourceName>
            <Variables>
              <VariableName>Temp.Dry</VariableName>
              <VariableId>1</VariableId>
              <Value
                xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                xmlns:ns3="http://www.microstep-mis.com/ims4/ws2/model/envidb/envidb-current-data"
                xsi:type="ns3:CurrentDataDouble">
                <Meastime xsi:nil="true" />
                <Value xsi:nil="true" />
              </Value>
            </Variables>
            <Variables>
              <VariableName>RelHumidity</VariableName>
              <VariableId>2</VariableId>
              <Value
                xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                xmlns:ns3="http://www.microstep-mis.com/ims4/ws2/model/envidb/envidb-current-data"
                xsi:type="ns3:CurrentDataDouble">
                <Meastime xsi:nil="true" />
                <Value xsi:nil="true" />
              </Value>
            </Variables>
            <Variables>
              <VariableName>Wind.Dir</VariableName>
              <VariableId>3</VariableId>
            </Variables>
          </Sources>
        </GetCurrentDataResponse>
      </ns1:GetCurrentDataResponse>
    </soap:Body>
  </soap:Envelope>
```

```

        <Value
            xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
            xmlns:ns3="http://www.microstep-mis.com/ims4/ws2/model/envldb/envldb-current-data"
            xsi:type="ns3:CurrentDataDouble">
            <Meastime xsi:nil="true" />
            <Value xsi:nil="true" />
        </Value>
    </Variables>
</Sources>
</Stations>
<Stations>
    <StationName>AL Mamzar</StationName>
    <StationId>12</StationId>
    <Sources>
        <SourceName>0</SourceName>
        <Variables>
            <VariableName>Temp.Dry</VariableName>
            <VariableId>1</VariableId>
            <Value
                xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                xmlns:ns3="http://www.microstep-mis.com/ims4/ws2/model/envldb/envldb-current-data"
                xsi:type="ns3:CurrentDataDouble">
                <Meastime xsi:nil="true" />
                <Value xsi:nil="true" />
            </Value>
        </Variables>
        <Variables>
            <VariableName>RelHumidity</VariableName>
            <VariableId>2</VariableId>
            <Value
                xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                xmlns:ns3="http://www.microstep-mis.com/ims4/ws2/model/envldb/envldb-current-data"
                xsi:type="ns3:CurrentDataDouble">
                <Meastime xsi:nil="true" />
                <Value xsi:nil="true" />
            </Value>
        </Variables>
        <Variables>
            <VariableName>Wind.Dir</VariableName>
            <VariableId>3</VariableId>
            <Value
                xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                xmlns:ns3="http://www.microstep-mis.com/ims4/ws2/model/envldb/envldb-current-data"
                xsi:type="ns3:CurrentDataDouble">
                <Meastime xsi:nil="true" />
                <Value xsi:nil="true" />
            </Value>
        </Variables>
        <Variables>
            <VariableName>Wind.Speed</VariableName>
            <VariableId>4</VariableId>
            <Value
                xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
                xmlns:ns3="http://www.microstep-mis.com/ims4/ws2/model/envldb/envldb-current-data"
                xsi:type="ns3:CurrentDataDouble">
                <Meastime xsi:nil="true" />
                <Value xsi:nil="true" />
            </Value>
        </Variables>
    </Sources>
</Stations>
</GetCurrentDataResponse>
</ns1:GetCurrentDataResponse>
</soap:Body>
</soap:Envelope>
    
```

SOAP 16 GetCurrentData SOAP response