```
#------------------------------------------------------------
#        SGBD avec POSTGRES.
#------------------------------------------------------------


#------------------------------------------------------------
# Table: datawind
#------------------------------------------------------------

CREATE TABLE datawind(
        station         Varchar (50) NOT NULL ,
        commune         Varchar (50) ,
        constantereleve Varchar (50) ,
        heure           Time ,
        semaine         BigInt ,
        mois            Char (50) ,
        id_date         Date NOT NULL ,
        PRIMARY KEY (station ) ,
        INDEX (commune ,constantereleve ,heure ,semaine ,mois )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: releve
#------------------------------------------------------------

CREATE TABLE releve(
        constantereleve Varchar (50) NOT NULL ,
        vitesseduvent   BigInt ,
        temperature     BigInt ,
        humidite        BigInt ,
        pluviometrie    BigInt ,
        PRIMARY KEY (constantereleve ) ,
        INDEX (vitesseduvent ,temperature ,humidite ,pluviometrie )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: vitesseduvent
#------------------------------------------------------------

CREATE TABLE vitesseduvent(
        id_vitesseduvent      BigInt NOT NULL ,
        libelle_vitesseduvent int (11) Auto_increment  ,
        PRIMARY KEY (id_vitesseduvent ) ,
        INDEX (libelle_vitesseduvent )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: humidite
#------------------------------------------------------------
```

```
CREATE TABLE humidite(
        id_humidite      BigInt NOT NULL ,
        libelle_humidite int (11) Auto_increment  ,
        PRIMARY KEY (id_humidite ) ,
        INDEX (libelle_humidite )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: temperature
#------------------------------------------------------------

CREATE TABLE temperature(
        id_temperature      BigInt NOT NULL ,
        libelle_temperature int (11) Auto_increment  ,
        PRIMARY KEY (id_temperature ) ,
        INDEX (libelle_temperature )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: pluviometrie
#------------------------------------------------------------

CREATE TABLE pluviometrie(
        id_pluviometrie      BigInt NOT NULL ,
        libelle_pluviometrie int (11) Auto_increment  ,
        PRIMARY KEY (id_pluviometrie ) ,
        INDEX (libelle_pluviometrie )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: mois
#------------------------------------------------------------

CREATE TABLE mois(
        id_mois      Varchar (50) NOT NULL ,
        libelle_mois int (11) Auto_increment  ,
        PRIMARY KEY (id_mois ) ,
        INDEX (libelle_mois )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: semaine
#------------------------------------------------------------

CREATE TABLE semaine(
        id_semaine      BigInt NOT NULL ,
        libelle_semaine int (11) Auto_increment  ,
```

```
	PRIMARY KEY (id_semaine ) ,
	INDEX (libelle_semaine )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: date
#------------------------------------------------------------

CREATE TABLE date(
	id_date	Date NOT NULL ,
	libelle_date Date ,
	PRIMARY KEY (id_date ) ,
	INDEX (libelle_date )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: heure
#------------------------------------------------------------

CREATE TABLE heure(
	id_heure	Time NOT NULL ,
	libelle_heure Time ,
	PRIMARY KEY (id_heure ) ,
	INDEX (libelle_heure )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: datrel
#------------------------------------------------------------

CREATE TABLE datrel(
	station	Varchar (50) NOT NULL ,
	constantereleve Varchar (50) NOT NULL ,
	PRIMARY KEY (station ,constantereleve )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: plurel
#------------------------------------------------------------

CREATE TABLE plurel(
	id_pluviometrie BigInt NOT NULL ,
	constantereleve Varchar (50) NOT NULL ,
	PRIMARY KEY (id_pluviometrie ,constantereleve )
)ENGINE=InnoDB;


#------------------------------------------------------------
```

```
# Table: humrel
#------------------------------------------------------------

CREATE TABLE humrel(
        id_humidite     BigInt NOT NULL ,
        constantereleve Varchar (50) NOT NULL ,
        PRIMARY KEY (id_humidite ,constantereleve )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: vitrel
#------------------------------------------------------------

CREATE TABLE vitrel(
        id_vitesseduvent BigInt NOT NULL ,
        constantereleve  Varchar (50) NOT NULL ,
        PRIMARY KEY (id_vitesseduvent ,constantereleve )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: temrel
#------------------------------------------------------------

CREATE TABLE temrel(
        id_temperature  BigInt NOT NULL ,
        constantereleve Varchar (50) NOT NULL ,
        PRIMARY KEY (id_temperature ,constantereleve )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: moidat
#------------------------------------------------------------

CREATE TABLE moidat(
        id_mois Varchar (50) NOT NULL ,
        station Varchar (50) NOT NULL ,
        PRIMARY KEY (id_mois ,station )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: semdat
#------------------------------------------------------------

CREATE TABLE semdat(
        id_semaine BigInt NOT NULL ,
        station    Varchar (50) NOT NULL ,
        PRIMARY KEY (id_semaine ,station )
)ENGINE=InnoDB;
```

```
#------------------------------------------------------------
# Table: heudat
#------------------------------------------------------------

CREATE TABLE heudat(
        id_heure Time NOT NULL ,
        station  Varchar (50) NOT NULL ,
        PRIMARY KEY (id_heure ,station )
)ENGINE=InnoDB;


#------------------------------------------------------------
# Table: datdat
#------------------------------------------------------------

CREATE TABLE datdat(
        id_date Date NOT NULL ,
        station Varchar (50) NOT NULL ,
        PRIMARY KEY (id_date ,station )
)ENGINE=InnoDB;

ALTER TABLE datrel ADD CONSTRAINT FK_datrel_station FOREIGN KEY (station)
REFERENCES datawind(station);
ALTER TABLE datrel ADD CONSTRAINT FK_datrel_constantereleve FOREIGN KEY
(constantereleve) REFERENCES releve(constantereleve);
ALTER TABLE plurel ADD CONSTRAINT FK_plurel_id_pluviometrie FOREIGN KEY
(id_pluviometrie) REFERENCES pluviometrie(id_pluviometrie);
ALTER TABLE plurel ADD CONSTRAINT FK_plurel_constantereleve FOREIGN KEY
(constantereleve) REFERENCES releve(constantereleve);
ALTER TABLE humrel ADD CONSTRAINT FK_humrel_id_humidite FOREIGN KEY
(id_humidite) REFERENCES humidite(id_humidite);
ALTER TABLE humrel ADD CONSTRAINT FK_humrel_constantereleve FOREIGN KEY
(constantereleve) REFERENCES releve(constantereleve);
ALTER TABLE vitrel ADD CONSTRAINT FK_vitrel_id_vitesseduvent FOREIGN KEY
(id_vitesseduvent) REFERENCES vitesseduvent(id_vitesseduvent);
ALTER TABLE vitrel ADD CONSTRAINT FK_vitrel_constantereleve FOREIGN KEY
(constantereleve) REFERENCES releve(constantereleve);
ALTER TABLE temrel ADD CONSTRAINT FK_temrel_id_temperature FOREIGN KEY
(id_temperature) REFERENCES temperature(id_temperature);
ALTER TABLE temrel ADD CONSTRAINT FK_temrel_constantereleve FOREIGN KEY
(constantereleve) REFERENCES releve(constantereleve);
ALTER TABLE moidat ADD CONSTRAINT FK_moidat_id_mois FOREIGN KEY (id_mois)
REFERENCES mois(id_mois);
ALTER TABLE moidat ADD CONSTRAINT FK_moidat_station FOREIGN KEY (station)
REFERENCES datawind(station);
ALTER TABLE semdat ADD CONSTRAINT FK_semdat_id_semaine FOREIGN KEY
(id_semaine) REFERENCES semaine(id_semaine);
ALTER TABLE semdat ADD CONSTRAINT FK_semdat_station FOREIGN KEY (station)
REFERENCES datawind(station);
```

```
ALTER TABLE heudat ADD CONSTRAINT FK_heudat_id_heure FOREIGN KEY (id_heure)
REFERENCES heure(id_heure);
ALTER TABLE heudat ADD CONSTRAINT FK_heudat_station FOREIGN KEY (station)
REFERENCES datawind(station);
ALTER TABLE datdat ADD CONSTRAINT FK_datdat_id_date FOREIGN KEY (id_date)
REFERENCES date(id_date);
ALTER TABLE datdat ADD CONSTRAINT FK_datdat_station FOREIGN KEY (station)
REFERENCES datawind(station);
```