

---

## Appendix A - Database Schema

```
--
-- PostgreSQL database dump
--

SET client_encoding = 'UTF8';
SET standard_conforming_strings = off;
SET check_function_bodies = false;
SET client_min_messages = warning;
SET escape_string_warning = off;

--
-- Name: SCHEMA public; Type: COMMENT; Schema: -; Owner: postgres
--

COMMENT ON SCHEMA public IS 'Standard public schema';

SET search_path = public, pg_catalog;

SET default_tablespace = '';

SET default_with_oids = true;

--
-- Name: adjustfactor; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE adjustfactor (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    begin_date date NOT NULL,
    divisor double precision,
    base double precision,
    multiplier double precision,
    adder double precision
);

ALTER TABLE public.adjustfactor OWNER TO pguser;

--
-- Name: agency; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--
```

---

```
CREATE TABLE agency (  
    agcode character varying(6) NOT NULL,  
    agloc character varying(3) NOT NULL,  
    des character varying(20)  
);  
  
ALTER TABLE public.agency OWNER TO pguser;  
  
--  
-- Name: aliasid; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--  
  
CREATE TABLE aliasid (  
    altid character varying(16) NOT NULL,  
    lid character varying(8) NOT NULL,  
    ag character varying(6),  
    agloc character varying(3)  
);  
  
ALTER TABLE public.aliasid OWNER TO pguser;  
  
--  
-- Name: area; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--  
  
CREATE TABLE area (  
    lid character varying(8) NOT NULL,  
    descr character varying(20)  
);  
  
ALTER TABLE public.area OWNER TO pguser;  
  
--  
-- Name: areasens; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--  
  
CREATE TABLE areasens (  
    lid character varying(8) NOT NULL,  
    pe1 character(1) NOT NULL,  
    pe2 character(1) NOT NULL,  
    dur character(1) NOT NULL,  
    idur smallint NOT NULL,  
    t character(1) NOT NULL,  
    s character(1) NOT NULL,  
    e character(1) DEFAULT 'Z'::bpchar NOT NULL,  
    p character(1) DEFAULT 'Z'::bpchar NOT NULL,  
    elev_brk1 integer DEFAULT -9999 NOT NULL,  
    elev_brk2 integer DEFAULT -9999 NOT NULL,  
    rfs_id character varying(8),  
    defined character(1),  
    derived character(1),
```

```
        regional character(1) DEFAULT 'N'::bpchar,
        descr character varying(20),
        size_mi2 integer,
        wfo_resp character(3),
        num_stn integer,
        num_area integer,
        segid character varying(8)
    );

ALTER TABLE public.areasens OWNER TO pguser;

--
-- Name: avg; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE avg (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    jan double precision,
    feb double precision,
    mar double precision,
    apr double precision,
    may double precision,
    jun double precision,
    jul double precision,
    aug double precision,
    sep double precision,
    oct double precision,
    nov double precision,
    "dec" double precision,
    calcdatetime date
);

ALTER TABLE public.avg OWNER TO pguser;

--
-- Name: cgroup; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE cgroup (
    cgroupid character varying(8) NOT NULL,
    cgroup_abbr character(1),
    descr character varying(20),
    cgroupnum integer,
    numfgroups integer
);
```

```
);

ALTER TABLE public.cgroup OWNER TO pguser;

--
-- Name: commentvalue; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE commentvalue (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    validtime timestamp without time zone NOT NULL,
    basistime timestamp without time zone NOT NULL,
    datavalue double precision,
    shef_qualifier_code character(1),
    revision character(1),
    product_id character varying(10),
    producttime timestamp without time zone,
    postingtime timestamp without time zone,
    shef_comment character varying(80)
);

ALTER TABLE public.commentvalue OWNER TO pguser;

--
-- Name: counties; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE counties (
    county character varying(20) NOT NULL,
    state character(2) NOT NULL,
    countryfips character(2) DEFAULT 'US'::bpchar NOT NULL,
    countyfips character(3) NOT NULL,
    wfo character(3) NOT NULL,
    zon character varying(4)
);

ALTER TABLE public.counties OWNER TO pguser;

--
-- Name: country; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--
```

---

```
CREATE TABLE country (  
    country character varying(20) NOT NULL,  
    countryfips character(2) NOT NULL  
);  
  
ALTER TABLE public.country OWNER TO pguser;  
  
--  
-- Name: crest; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--  
  
CREATE TABLE crest (  
    lid character varying(8) NOT NULL,  
    datecrst date NOT NULL,  
    crstdatetime character varying(5),  
    stage double precision,  
    stg_qual character(1),  
    flow double precision,  
    flow_qual character(1),  
    hw character(1),  
    jam character(1),  
    olddatum character(1),  
    prelim character(1)  
);  
  
ALTER TABLE public.crest OWNER TO pguser;  
  
--  
-- Name: datalimits; Type: TABLE; Schema: public; Owner: pguser;  
Tablespace:  
--  
  
CREATE TABLE datalimits (  
    pe1 character(1) NOT NULL,  
    pe2 character(1) NOT NULL,  
    dur character(1) NOT NULL,  
    idur smallint NOT NULL,  
    monthdaystart character varying(5) NOT NULL,  
    monthdayend character varying(5) NOT NULL,  
    gross_range_min double precision,  
    gross_range_max double precision,  
    reason_range_min double precision,  
    reason_range_max double precision,  
    roc_max double precision,  
    alert_limit double precision,  
    alert_roc_limit double precision,  
    alarm_limit double precision,  
    alarm_roc_limit double precision  
);  
  
ALTER TABLE public.datalimits OWNER TO pguser;
```

```
--
-- Name: drain; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE drain (
    drain character(1) NOT NULL,
    descr character varying(30)
);

ALTER TABLE public.drain OWNER TO pguser;

--
-- Name: fgroup; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE fgroup (
    fgroupid character varying(8) NOT NULL,
    descr character varying(20),
    cgroupid character varying(8),
    fgroupnum integer,
    numsegs integer
);

ALTER TABLE public.fgroup OWNER TO pguser;

--
-- Name: fgroupseg; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE fgroupseg (
    fgroupid character varying(8) NOT NULL,
    segnum integer NOT NULL,
    segid character varying(8)
);

ALTER TABLE public.fgroupseg OWNER TO pguser;

--
-- Name: flashflood; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE flashflood (
    name_river_stream character varying(25),
    name_city_location character varying(25),
    location_detail character varying(30),
    distance_dir character varying(10),
    latitude real,
    longitude real,
```

```
county_name character varying(20),
state character(2),
wfo character(3),
elevation integer,
begantime timestamp without time zone,
peaktime timestamp without time zone,
endtime timestamp without time zone,
precip_gage1_name character varying(20),
precip_gage1_amt real,
precip_gage1_idur smallint,
precip_gage2_name character varying(20),
precip_gage2_amt real,
precip_gage2_idur smallint,
precip_gage3_name character varying(20),
precip_gage3_amt real,
precip_gage3_idur smallint,
precip_radar_amt real,
precip_radar_idur smallint,
ffg_1_hr smallint,
ffg_3_hr smallint,
ffg_6_hr smallint,
flow real,
stage real,
deaths integer,
damage_dollars double precision,
source character varying(25),
comments character varying(512)
);

ALTER TABLE public.flashflood OWNER TO pguser;

--
-- Name: huc2; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE huc2 (
    code2 character(2) NOT NULL,
    code12 character(2) NOT NULL,
    desreg character varying(60) NOT NULL
);

ALTER TABLE public.huc2 OWNER TO pguser;

--
-- Name: huc4; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE huc4 (
    code4 character(4) NOT NULL,
    code12 character(2) NOT NULL,
    code34 character(2) NOT NULL,
    dessubreg character(60) NOT NULL
```

```
);

ALTER TABLE public.huc4 OWNER TO pguser;

--
-- Name: huc6; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE huc6 (
    code6 character(6) NOT NULL,
    code12 character(2) NOT NULL,
    code34 character(2) NOT NULL,
    code56 character(2) NOT NULL,
    desacct character(60) NOT NULL
);

ALTER TABLE public.huc6 OWNER TO pguser;

--
-- Name: huc8; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE huc8 (
    code8 character(8) NOT NULL,
    code12 character(2) NOT NULL,
    code34 character(2) NOT NULL,
    code56 character(2) NOT NULL,
    code78 character(2) NOT NULL,
    descats character(60) NOT NULL
);

ALTER TABLE public.huc8 OWNER TO pguser;

--
-- Name: ingestfilter; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE ingestfilter (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    ts_rank smallint,
    det character varying(40),
    ingest smallint,
    new_report character(1),
```



```
        active character(1),
        ofs_input character(1),
        obstime time without time zone,
        ownag character varying(6),
        ownloc character(3),
        mpe_input character(1)
    );

ALTER TABLE public.ingestfilter OWNER TO pguser;

--
-- Name: location; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE "location" (
    lid character varying(8) NOT NULL,
    sbd date NOT NULL,
    sed date,
    goes character varying(8),
    name character varying(60),
    det character varying(40),
    lat double precision,
    lon double precision,
    elev integer,
    state character(2),
    huc character varying(8),
    countyfips character(3),
    zon character(4),
    hsa character(3),
    wfo character(3),
    post smallint,
    dbsource character(3),
    rfc character(2),
    countryfips character(2)
);

ALTER TABLE public."location" OWNER TO pguser;

--
-- Name: locdatalimits; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE locdatalimits (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    monthdaystart character varying(5) NOT NULL,
    monthdayend character varying(5) NOT NULL,
    gross_range_min double precision,
```

```
gross_range_max double precision,
reason_range_min double precision,
reason_range_max double precision,
roc_max double precision,
alert_limit double precision,
alert_roc_limit double precision,
alarm_limit double precision,
alarm_roc_limit double precision
);

ALTER TABLE public.locdatalimits OWNER TO pguser;

--
-- Name: modaeicqn; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE modaeicqn (
    id1 character varying(8),
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying,
    sdate timestamp without time zone,
    rdate timestamp without time zone,
    modvalue double precision
);

ALTER TABLE public.modaeicqn OWNER TO pguser;

--
-- Name: modaescchnng; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE modaescchnng (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision
);

ALTER TABLE public.modaescchnng OWNER TO pguser;

--
-- Name: modaiadj; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE modaiadj (
```

```
id1 character varying(8) NOT NULL,
id2 character varying(8) DEFAULT 'NONE'::character varying,
s_or_f character(1) DEFAULT 'S'::bpchar,
operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
sdate timestamp without time zone NOT NULL,
rdate timestamp without time zone,
modvalue double precision
);
```

```
ALTER TABLE public.modaiadj OWNER TO pguser;
```

```
--
-- Name: modapicbasf; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE modapicbasf (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision
);
```

```
ALTER TABLE public.modapicbasf OWNER TO pguser;
```

```
--
-- Name: modapicco; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE modapicco (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    keyword character varying(4) DEFAULT 'API'::character varying NOT
NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision
);
```

```
ALTER TABLE public.modapicco OWNER TO pguser;
```

```
--
-- Name: modpublshft; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE modbublshft (  
    id1 character varying(8) NOT NULL,  
    id2 character varying(8) DEFAULT 'NONE'::character varying,  
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,  
    sdate timestamp without time zone NOT NULL,  
    edate timestamp without time zone NOT NULL,  
    rdate timestamp without time zone,  
    stage double precision,  
    flow double precision,  
    lwrstage double precision,  
    uprstage double precision  
);
```

```
ALTER TABLE public.modbublshft OWNER TO pguser;
```

```
--  
-- Name: modchgbblend; Type: TABLE; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE TABLE modchgbblend (  
    id1 character varying(8) NOT NULL,  
    id2 character varying(8) DEFAULT 'NONE'::character varying,  
    s_or_f character(1) DEFAULT 'S'::bpchar,  
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,  
    sdate timestamp without time zone NOT NULL,  
    rdate timestamp without time zone,  
    modvalue integer  
);
```

```
ALTER TABLE public.modchgbblend OWNER TO pguser;
```

```
--  
-- Name: modctrl; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE modctrl (  
    mod_name character varying(30) NOT NULL,  
    "load" integer NOT NULL,  
    fetch_oper integer NOT NULL,  
    fetch_spin integer NOT NULL  
);
```

```
ALTER TABLE public.modctrl OWNER TO pguser;
```

```
--  
-- Name: modignorets; Type: TABLE; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE TABLE modignorets (  
    id1 character varying(8) NOT NULL,  
    id2 character varying(8) DEFAULT 'NONE'::character varying,  
    s_or_f character(1) DEFAULT 'S'::bpchar,  
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,  
    keyword character varying(5) DEFAULT 'INST'::character varying NOT  
NULL,  
    sdate timestamp without time zone NOT NULL,  
    edate timestamp without time zone NOT NULL,  
    rdate timestamp without time zone  
);
```

```
ALTER TABLE public.modignorets OWNER TO pguser;
```

```
--  
-- Name: modmatchng; Type: TABLE; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE TABLE modmatchng (  
    id1 character varying(8) NOT NULL,  
    id2 character varying(8) DEFAULT 'NONE'::character varying,  
    s_or_f character(1) DEFAULT 'S'::bpchar,  
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,  
    sdate timestamp without time zone NOT NULL,  
    vdate timestamp without time zone NOT NULL,  
    rdate timestamp without time zone,  
    slot integer NOT NULL,  
    no_timeperiods integer,  
    modvalue double precision NOT NULL  
);
```

```
ALTER TABLE public.modmatchng OWNER TO pguser;
```

```
--  
-- Name: modmfc; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE modmfc (  
    id1 character varying(8) NOT NULL,  
    id2 character varying(8) DEFAULT 'NONE'::character varying,  
    s_or_f character(1) DEFAULT 'S'::bpchar,  
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,  
    sdate timestamp without time zone NOT NULL,  
    edate timestamp without time zone NOT NULL,  
    rdate timestamp without time zone,  
    modvalue double precision  
);
```

```
ALTER TABLE public.modmfc OWNER TO pguser;
```

```
--
-- Name: modqcshift; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modqcshift (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    stage double precision,
    flow double precision
);

ALTER TABLE public.modqcshift OWNER TO pguser;

--
-- Name: modqpshift; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modqpshift (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    stage double precision,
    flow double precision
);

ALTER TABLE public.modqpshift OWNER TO pguser;

--
-- Name: modrainsnow; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modrainsnow (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    keyword character(1) NOT NULL
);
```

---

```
ALTER TABLE public.modrainsnow OWNER TO pguser;

--
-- Name: modrochnng; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modrochnng (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    vdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    slot integer NOT NULL,
    no_timeperiods integer,
    modvalue double precision
);

ALTER TABLE public.modrochnng OWNER TO pguser;

--
-- Name: modromult; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modromult (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    vdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision NOT NULL
);

ALTER TABLE public.modromult OWNER TO pguser;

--
-- Name: modrrichng; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modrrichng (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
```

```
sdate timestamp without time zone NOT NULL,
vdate timestamp without time zone NOT NULL,
rdate timestamp without time zone,
slot integer NOT NULL,
modvalue double precision NOT NULL,
no_timeperiods integer
);

ALTER TABLE public.modrrichng OWNER TO pguser;

--
-- Name: modrrimult; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modrrimult (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    vdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision NOT NULL
);

ALTER TABLE public.modrrimult OWNER TO pguser;

--
-- Name: modsacbasef; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modsacbasef (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision
);

ALTER TABLE public.modsacbasef OWNER TO pguser;

--
-- Name: modsacco; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE modsacco (
```



```
id1 character varying(8) NOT NULL,
id2 character varying(8) DEFAULT 'NONE'::character varying,
s_or_f character(1) DEFAULT 'S'::bpchar,
operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
keyword character varying(5) DEFAULT 'LZFP'::character varying NOT
NULL,
sdate timestamp without time zone NOT NULL,
rdate timestamp without time zone,
modvalue double precision
);
```

```
ALTER TABLE public.modsacco OWNER TO pguser;
```

```
--
-- Name: modsetmsng; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE modsetmsng (
id1 character varying(8) NOT NULL,
id2 character varying(8) NOT NULL,
datatype character varying(5) NOT NULL,
timeint integer NOT NULL,
sdate timestamp without time zone NOT NULL,
edate timestamp without time zone NOT NULL,
rdate timestamp without time zone
);
```

```
ALTER TABLE public.modsetmsng OWNER TO pguser;
```

```
--
-- Name: modsetqmean; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE modsetqmean (
id1 character varying(8) NOT NULL,
id2 character varying(8) DEFAULT 'NONE'::character varying,
operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
sdate timestamp without time zone NOT NULL,
vdate timestamp without time zone NOT NULL,
rdate timestamp without time zone,
slot integer NOT NULL,
no_timeperiods integer,
modvalue double precision NOT NULL
);
```

```
ALTER TABLE public.modsetqmean OWNER TO pguser;
```

```
--
```

```
-- Name: modssarreg; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modssarreg (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'DS'::character varying NOT NULL,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    keyword character varying(8) DEFAULT 'SETQ'::character varying NOT
NULL,
    sdate timestamp without time zone NOT NULL,
    vdate timestamp without time zone,
    rdate timestamp without time zone,
    slot integer NOT NULL,
    timeint integer,
    no_timeperiods integer,
    modvalue double precision NOT NULL
);

ALTER TABLE public.modssarreg OWNER TO pguser;

--
-- Name: modswitchts; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modswitchts (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    keyword character varying(5) DEFAULT 'PCPN'::character varying NOT
NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    vdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone
);

ALTER TABLE public.modswitchts OWNER TO pguser;

--
-- Name: modtsadd; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE modtsadd (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) NOT NULL,
    datatype character varying(5) NOT NULL,
    timeint integer NOT NULL,
    opertype character varying(8) DEFAULT 'ALL'::character varying NOT
NULL,
```

```
operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
sdate timestamp without time zone NOT NULL,
edate timestamp without time zone NOT NULL,
vdate timestamp without time zone NOT NULL,
rdate timestamp without time zone,
modvalue double precision NOT NULL
);
```

```
ALTER TABLE public.modtsadd OWNER TO pguser;
```

```
--
-- Name: modtschnng; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE modtschnng (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) NOT NULL,
    datatype character varying(5) NOT NULL,
    timeint integer NOT NULL,
    opertype character varying(8) DEFAULT 'ALL'::character varying NOT
NULL,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    vdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    slot integer NOT NULL,
    modvalue double precision NOT NULL,
    no_timeperiods integer
);
```

```
ALTER TABLE public.modtschnng OWNER TO pguser;
```

```
--
-- Name: modtsmult; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE modtsmult (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) NOT NULL,
    datatype character varying(5) NOT NULL,
    timeint integer NOT NULL,
    opertype character varying(8) DEFAULT 'ALL'::character varying NOT
NULL,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    vdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision NOT NULL
);
```

```
ALTER TABLE public.modtsmult OWNER TO pguser;

--
-- Name: modtsrepl; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modtsrepl (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) NOT NULL,
    datatype character varying(5) NOT NULL,
    timeint integer NOT NULL,
    opertype character varying(8) DEFAULT 'ALL'::character varying NOT
NULL,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    vdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision NOT NULL
);

ALTER TABLE public.modtsrepl OWNER TO pguser;

--
-- Name: moduadj; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE moduadj (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    edate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision
);

ALTER TABLE public.moduadj OWNER TO pguser;

--
-- Name: moduhgadj; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE moduhgadj (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
```

```
        operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
        keyword character varying(5) DEFAULT 'HADJ'::character varying NOT
NULL,
        sdate timestamp without time zone NOT NULL,
        rdate timestamp without time zone,
        modvalue double precision
    );
```

```
ALTER TABLE public.moduhgadj OWNER TO pguser;
```

```
--
-- Name: moduhgchng; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE moduhgchng (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    slot integer NOT NULL,
    modvalue double precision,
    no_timeperiods integer
);
```

```
ALTER TABLE public.moduhgchng OWNER TO pguser;
```

```
--
-- Name: modweadd; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--
```

```
CREATE TABLE modweadd (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision
);
```

```
ALTER TABLE public.modweadd OWNER TO pguser;
```

```
--
-- Name: modwechng; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--
```

```
CREATE TABLE modwechng (
    id1 character varying(8) NOT NULL,
```

```
id2 character varying(8) DEFAULT 'NONE'::character varying,
s_or_f character(1) DEFAULT 'S'::bpchar,
operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
sdate timestamp without time zone NOT NULL,
rdate timestamp without time zone,
modvalue double precision
);

ALTER TABLE public.modwechng OWNER TO pguser;

--
-- Name: modxinco; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE modxinco (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    s_or_f character(1) DEFAULT 'S'::bpchar,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    keyword character varying(6) DEFAULT 'WUC'::character varying NOT
NULL,
    subarea integer NOT NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision NOT NULL
);

ALTER TABLE public.modxinco OWNER TO pguser;

--
-- Name: modzerodiff; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE modzerodiff (
    id1 character varying(8) NOT NULL,
    id2 character varying(8) DEFAULT 'NONE'::character varying,
    operid character varying(8) DEFAULT 'ALL'::character varying NOT NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone
);

ALTER TABLE public.modzerodiff OWNER TO pguser;

--
-- Name: ofsdatatrans; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE ofsdatatrans (
    pel character(1) NOT NULL,
```

---

```
pe2 character(1) NOT NULL,
dur character(1) NOT NULL,
idur smallint NOT NULL,
extremum character(1) NOT NULL,
ofs_data_type character(4),
fwd_time_window real,
bkw_time_window real
);

ALTER TABLE public.ofsdatatrans OWNER TO pguser;

--
-- Name: ofsstntrans; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE ofsstntrans (
    lid character varying(8) NOT NULL,
    ofs_data_type character(4) NOT NULL,
    shef_source_code character(1) NOT NULL,
    ofs_lid character varying(8)
);

ALTER TABLE public.ofsstntrans OWNER TO pguser;

--
-- Name: operapicont; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE operapicont (
    opid character varying(8) NOT NULL,
    segid character varying(8) NOT NULL,
    descr character varying(20),
    units character(1),
    compint integer,
    pxadj double precision,
    peadj double precision,
    aixw double precision,
    aixd double precision,
    cw double precision,
    cd double precision,
    cs double precision,
    smix double precision,
    frsx double precision,
    aiadj double precision,
    pimpv double precision,
    apik double precision,
    pex double precision,
    pen double precision,
    efc double precision,
    riva double precision,
```

```
    rvai double precision,
    apix double precision,
    apiks double precision,
    aeix double precision,
    aein double precision,
    aeik double precision,
    bfpk double precision,
    bfik double precision,
    bfim double precision,
    aicr double precision,
    cg double precision,
    wkw double precision,
    wkd double precision,
    atix double precision,
    atin double precision,
    atir double precision,
    csoil double precision,
    csnow double precision,
    ghc double precision,
    ficr double precision,
    cf double precision,
    cp double precision,
    ct double precision,
    efa double precision
);

ALTER TABLE public.operapicont OWNER TO pguser;

--
-- Name:opersacsma; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE operacsma (
    opid character varying(8) NOT NULL,
    segid character varying(8) NOT NULL,
    descr character varying(20),
    units character(1),
    compint integer,
    pxadj double precision,
    peadj double precision,
    uztwm double precision,
    uzfwm double precision,
    uzk double precision,
    pctimp double precision,
    adimp double precision,
    riva double precision,
    efc double precision,
    dailyet character(7),
    pbase double precision,
    zperc double precision,
    rexp double precision,
    lztwm double precision,
```



```
lz fsm double precision,
lz fpm double precision,
lz sk double precision,
lz pk double precision,
p free double precision,
r serv double precision,
side double precision,
et jan double precision,
et feb double precision,
et mar double precision,
et apr double precision,
et may double precision,
et jun double precision,
et jul double precision,
et aug double precision,
et sep double precision,
et oct double precision,
et nov double precision,
et dec double precision
);

ALTER TABLE public.opersacsma OWNER TO pguser;

--
-- Name: opersnowl7; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE opersnowl7 (
    opid character varying(8) NOT NULL,
    segid character varying(8) NOT NULL,
    descr character varying(20),
    units character(1),
    compint integer DEFAULT 6,
    elev double precision,
    lat double precision,
    prntout character(4),
    sums_sc character(4) DEFAULT 'SUMS'::bpchar,
    "update" character(6),
    use_carry character(4),
    use_avse character(4),
    dt_mass integer DEFAULT 6,
    pxadj double precision DEFAULT 1.0000000000000000,
    dt_temp integer DEFAULT 6,
    taelev double precision,
    maxlapse double precision DEFAULT 0.9000000000000000,
    minlapse double precision DEFAULT 0.4000000000000000,
    numpts integer,
    minelev double precision,
    maxelev double precision,
    elevunit character(4),
    elev1 double precision,
    fract1 double precision,
```

```
elev2 double precision,  
fract2 double precision,  
elev3 double precision,  
fract3 double precision,  
elev4 double precision,  
fract4 double precision,  
elev5 double precision,  
fract5 double precision,  
elev6 double precision,  
fract6 double precision,  
elev7 double precision,  
fract7 double precision,  
elev8 double precision,  
fract8 double precision,  
elev9 double precision,  
fract9 double precision,  
elev10 double precision,  
fract10 double precision,  
elev11 double precision,  
fract11 double precision,  
elev12 double precision,  
fract12 double precision,  
scf double precision,  
mfmax double precision,  
mfmin double precision,  
uadj double precision,  
si double precision,  
seas_mf integer DEFAULT 0,  
janmf double precision,  
febmf double precision,  
marmf double precision,  
aprmf double precision,  
maymf double precision,  
junmf double precision,  
julmf double precision,  
augmf double precision,  
sepmf double precision,  
octmf double precision,  
novmf double precision,  
decmf double precision,  
nmf double precision,  
tipm double precision,  
mbase double precision,  
pxtemp double precision,  
plwhc double precision,  
daygm double precision,  
cover0 double precision DEFAULT 0.0500000000000000,  
cover1 double precision,  
cover2 double precision,  
cover3 double precision,  
cover4 double precision,  
cover5 double precision,  
cover6 double precision,  
cover7 double precision,
```

```
        cover8 double precision,
        cover9 double precision,
        cover10 double precision DEFAULT 1.0000000000000000,
        updtwe double precision DEFAULT 0.0000000000000000,
        updtcov double precision DEFAULT 0.0000000000000000
    );

ALTER TABLE public.opersnow17 OWNER TO pguser;

--
-- Name: opertype; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE opertype (
    opertype character varying(10) NOT NULL,
    descr character varying(40)
);

ALTER TABLE public.opertype OWNER TO pguser;

--
-- Name: operunithg; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE operunithg (
    opid character varying(8) NOT NULL,
    segid character varying(8) NOT NULL,
    slot integer NOT NULL,
    descr character(20),
    units character(1),
    compint integer,
    darea double precision,
    q double precision
);

ALTER TABLE public.operunithg OWNER TO pguser;

--
-- Name: pairedvalues; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE pairedvalues (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
```

```
e character(1) NOT NULL,  
p character(1) NOT NULL,  
validtime timestamp without time zone NOT NULL,  
basistime timestamp without time zone NOT NULL,  
ref_value integer,  
datavalue double precision,  
shef_qualifier_code character(1),  
quality_code integer,  
revision smallint,  
product_id character varying(10),  
producttime timestamp without time zone,  
postingtime timestamp without time zone  
);
```

```
ALTER TABLE public.pairedvalues OWNER TO pguser;
```

```
--  
-- Name: pocrsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE pocrsep (  
  lid character varying(8) NOT NULL,  
  pe1 character(1) NOT NULL,  
  pe2 character(1) NOT NULL,  
  dur character(1) NOT NULL,  
  idur smallint NOT NULL,  
  t character(1) NOT NULL,  
  s character(1) NOT NULL,  
  e character(1) NOT NULL,  
  p character(1) NOT NULL,  
  obstime date NOT NULL,  
  z0000 double precision,  
  z0015 double precision,  
  z0030 double precision,  
  z0045 double precision,  
  z0100 double precision,  
  z0115 double precision,  
  z0130 double precision,  
  z0145 double precision,  
  z0200 double precision,  
  z0215 double precision,  
  z0230 double precision,  
  z0245 double precision,  
  z0300 double precision,  
  z0315 double precision,  
  z0330 double precision,  
  z0345 double precision,  
  z0400 double precision,  
  z0415 double precision,  
  z0430 double precision,  
  z0445 double precision,  
  z0500 double precision,  
  z0515 double precision,
```

z0530 double precision,  
z0545 double precision,  
z0600 double precision,  
z0615 double precision,  
z0630 double precision,  
z0645 double precision,  
z0700 double precision,  
z0715 double precision,  
z0730 double precision,  
z0745 double precision,  
z0800 double precision,  
z0815 double precision,  
z0830 double precision,  
z0845 double precision,  
z0900 double precision,  
z0915 double precision,  
z0930 double precision,  
z0945 double precision,  
z1000 double precision,  
z1015 double precision,  
z1030 double precision,  
z1045 double precision,  
z1100 double precision,  
z1115 double precision,  
z1130 double precision,  
z1145 double precision,  
z1200 double precision,  
z1215 double precision,  
z1230 double precision,  
z1245 double precision,  
z1300 double precision,  
z1315 double precision,  
z1330 double precision,  
z1345 double precision,  
z1400 double precision,  
z1415 double precision,  
z1430 double precision,  
z1445 double precision,  
z1500 double precision,  
z1515 double precision,  
z1530 double precision,  
z1545 double precision,  
z1600 double precision,  
z1615 double precision,  
z1630 double precision,  
z1645 double precision,  
z1700 double precision,  
z1715 double precision,  
z1730 double precision,  
z1745 double precision,  
z1800 double precision,  
z1815 double precision,  
z1830 double precision,  
z1845 double precision,

z1900 double precision,  
z1915 double precision,  
z1930 double precision,  
z1945 double precision,  
z2000 double precision,  
z2015 double precision,  
z2030 double precision,  
z2045 double precision,  
z2100 double precision,  
z2115 double precision,  
z2130 double precision,  
z2145 double precision,  
z2200 double precision,  
z2215 double precision,  
z2230 double precision,  
z2245 double precision,  
z2300 double precision,  
z2315 double precision,  
z2330 double precision,  
z2345 double precision,  
qz0000 character(1),  
qz0015 character(1),  
qz0030 character(1),  
qz0045 character(1),  
qz0100 character(1),  
qz0115 character(1),  
qz0130 character(1),  
qz0145 character(1),  
qz0200 character(1),  
qz0215 character(1),  
qz0230 character(1),  
qz0245 character(1),  
qz0300 character(1),  
qz0315 character(1),  
qz0330 character(1),  
qz0345 character(1),  
qz0400 character(1),  
qz0415 character(1),  
qz0430 character(1),  
qz0445 character(1),  
qz0500 character(1),  
qz0515 character(1),  
qz0530 character(1),  
qz0545 character(1),  
qz0600 character(1),  
qz0615 character(1),  
qz0630 character(1),  
qz0645 character(1),  
qz0700 character(1),  
qz0715 character(1),  
qz0730 character(1),  
qz0745 character(1),  
qz0800 character(1),  
qz0815 character(1),

qz0830 character(1),  
qz0845 character(1),  
qz0900 character(1),  
qz0915 character(1),  
qz0930 character(1),  
qz0945 character(1),  
qz1000 character(1),  
qz1015 character(1),  
qz1030 character(1),  
qz1045 character(1),  
qz1100 character(1),  
qz1115 character(1),  
qz1130 character(1),  
qz1145 character(1),  
qz1200 character(1),  
qz1215 character(1),  
qz1230 character(1),  
qz1245 character(1),  
qz1300 character(1),  
qz1315 character(1),  
qz1330 character(1),  
qz1345 character(1),  
qz1400 character(1),  
qz1415 character(1),  
qz1430 character(1),  
qz1445 character(1),  
qz1500 character(1),  
qz1515 character(1),  
qz1530 character(1),  
qz1545 character(1),  
qz1600 character(1),  
qz1615 character(1),  
qz1630 character(1),  
qz1645 character(1),  
qz1700 character(1),  
qz1715 character(1),  
qz1730 character(1),  
qz1745 character(1),  
qz1800 character(1),  
qz1815 character(1),  
qz1830 character(1),  
qz1845 character(1),  
qz1900 character(1),  
qz1915 character(1),  
qz1930 character(1),  
qz1945 character(1),  
qz2000 character(1),  
qz2015 character(1),  
qz2030 character(1),  
qz2045 character(1),  
qz2100 character(1),  
qz2115 character(1),  
qz2130 character(1),  
qz2145 character(1),

```

    qz2200 character(1),
    qz2215 character(1),
    qz2230 character(1),
    qz2245 character(1),
    qz2300 character(1),
    qz2315 character(1),
    qz2330 character(1),
    qz2345 character(1)
);

ALTER TABLE public.pecrsep OWNER TO pguser;

--
-- Name: pedcsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE pedcsep (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    validtime timestamp without time zone NOT NULL,
    basistime timestamp without time zone NOT NULL,
    datavalue double precision,
    shef_qualifier_code character(1),
    quality_code integer,
    revision character(1),
    product_id character(10),
    producttime timestamp without time zone,
    postingtime timestamp without time zone
);

ALTER TABLE public.pedcsep OWNER TO pguser;

--
-- Name: pedfsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE pedfsep (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
```



```
p character(1) NOT NULL,
validtime timestamp without time zone NOT NULL,
basistime timestamp without time zone NOT NULL,
datavalue double precision,
shof_qualifier_code character(1),
quality_code integer,
revision character(1),
product_id character(10),
producttime timestamp without time zone,
postingtime timestamp without time zone
);

ALTER TABLE public.pedfsep OWNER TO pguser;

--
-- Name: pedpsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE pedpsep (
  lid character varying(8) NOT NULL,
  pe1 character(1) NOT NULL,
  pe2 character(1) NOT NULL,
  dur character(1) NOT NULL,
  idur smallint NOT NULL,
  t character(1) NOT NULL,
  s character(1) NOT NULL,
  e character(1) NOT NULL,
  p character(1) NOT NULL,
  obstime date NOT NULL,
  zday01 double precision,
  zday02 double precision,
  zday03 double precision,
  zday04 double precision,
  zday05 double precision,
  zday06 double precision,
  zday07 double precision,
  zday08 double precision,
  zday09 double precision,
  zday10 double precision,
  zday11 double precision,
  zday12 double precision,
  zday13 double precision,
  zday14 double precision,
  zday15 double precision,
  zday16 double precision,
  zday17 double precision,
  zday18 double precision,
  zday19 double precision,
  zday20 double precision,
  zday21 double precision,
  zday22 double precision,
  zday23 double precision,
  zday24 double precision,
```

```
zday25 double precision,
zday26 double precision,
zday27 double precision,
zday28 double precision,
zday29 double precision,
zday30 double precision,
zday31 double precision,
qzday01 character(1),
qzday02 character(1),
qzday03 character(1),
qzday04 character(1),
qzday05 character(1),
qzday06 character(1),
qzday07 character(1),
qzday08 character(1),
qzday09 character(1),
qzday10 character(1),
qzday11 character(1),
qzday12 character(1),
qzday13 character(1),
qzday14 character(1),
qzday15 character(1),
qzday16 character(1),
qzday17 character(1),
qzday18 character(1),
qzday19 character(1),
qzday20 character(1),
qzday21 character(1),
qzday22 character(1),
qzday23 character(1),
qzday24 character(1),
qzday25 character(1),
qzday26 character(1),
qzday27 character(1),
qzday28 character(1),
qzday29 character(1),
qzday30 character(1),
qzday31 character(1)
);

ALTER TABLE public.pedpsep OWNER TO pguser;

--
-- Name: pedrsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE pedrsep (
  lid character varying(8) NOT NULL,
  pe1 character(1) NOT NULL,
  pe2 character(1) NOT NULL,
  dur character(1) NOT NULL,
  idur smallint NOT NULL,
  t character(1) NOT NULL,
```

```
s character(1) NOT NULL,
e character(1) NOT NULL,
p character(1) NOT NULL,
obstime timestamp without time zone NOT NULL,
datavalue double precision,
shf_qualifier_code character(1),
quality_code integer,
revision character(1),
product_id character(10),
producttime timestamp without time zone,
postingtime timestamp without time zone
);

ALTER TABLE public.pedrsep OWNER TO pguser;

--
-- Name: pehfsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE pehfsep (
  lid character varying(8) NOT NULL,
  pe1 character(1) NOT NULL,
  pe2 character(1) NOT NULL,
  dur character(1) NOT NULL,
  idur smallint NOT NULL,
  t character(1) NOT NULL,
  s character(1) NOT NULL,
  e character(1) NOT NULL,
  p character(1) NOT NULL,
  validtime date NOT NULL,
  basistime timestamp without time zone NOT NULL,
  zhr00 double precision,
  zhr01 double precision,
  zhr02 double precision,
  zhr03 double precision,
  zhr04 double precision,
  zhr05 double precision,
  zhr06 double precision,
  zhr07 double precision,
  zhr08 double precision,
  zhr09 double precision,
  zhr10 double precision,
  zhr11 double precision,
  zhr12 double precision,
  zhr13 double precision,
  zhr14 double precision,
  zhr15 double precision,
  zhr16 double precision,
  zhr17 double precision,
  zhr18 double precision,
  zhr19 double precision,
  zhr20 double precision,
  zhr21 double precision,
```

```
zhr22 double precision,
zhr23 double precision,
qzhr00 character(1),
qzhr01 character(1),
qzhr02 character(1),
qzhr03 character(1),
qzhr04 character(1),
qzhr05 character(1),
qzhr06 character(1),
qzhr07 character(1),
qzhr08 character(1),
qzhr09 character(1),
qzhr10 character(1),
qzhr11 character(1),
qzhr12 character(1),
qzhr13 character(1),
qzhr14 character(1),
qzhr15 character(1),
qzhr16 character(1),
qzhr17 character(1),
qzhr18 character(1),
qzhr19 character(1),
qzhr20 character(1),
qzhr21 character(1),
qzhr22 character(1),
qzhr23 character(1)
);

ALTER TABLE public.pehfsep OWNER TO pguser;

--
-- Name: pehpsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE pehpsep (
  lid character varying(8) NOT NULL,
  pe1 character(1) NOT NULL,
  pe2 character(1) NOT NULL,
  dur character(1) NOT NULL,
  idur smallint NOT NULL,
  t character(1) NOT NULL,
  s character(1) NOT NULL,
  e character(1) NOT NULL,
  p character(1) NOT NULL,
  obstime date NOT NULL,
  zhr00 double precision,
  zhr01 double precision,
  zhr02 double precision,
  zhr03 double precision,
  zhr04 double precision,
  zhr05 double precision,
  zhr06 double precision,
  zhr07 double precision,
```

```
zhr08 double precision,
zhr09 double precision,
zhr10 double precision,
zhr11 double precision,
zhr12 double precision,
zhr13 double precision,
zhr14 double precision,
zhr15 double precision,
zhr16 double precision,
zhr17 double precision,
zhr18 double precision,
zhr19 double precision,
zhr20 double precision,
zhr21 double precision,
zhr22 double precision,
zhr23 double precision,
qzhr00 character(1),
qzhr01 character(1),
qzhr02 character(1),
qzhr03 character(1),
qzhr04 character(1),
qzhr05 character(1),
qzhr06 character(1),
qzhr07 character(1),
qzhr08 character(1),
qzhr09 character(1),
qzhr10 character(1),
qzhr11 character(1),
qzhr12 character(1),
qzhr13 character(1),
qzhr14 character(1),
qzhr15 character(1),
qzhr16 character(1),
qzhr17 character(1),
qzhr18 character(1),
qzhr19 character(1),
qzhr20 character(1),
qzhr21 character(1),
qzhr22 character(1),
qzhr23 character(1)
);

ALTER TABLE public.pehpsep OWNER TO pguser;

--
-- Name: peirsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE peirsep (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
```

```
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    obstime timestamp without time zone NOT NULL,
    datavalue double precision,
    shef_qualifier_code character(1),
    quality_code integer,
    revision character(1),
    product_id character(10),
    producttime timestamp without time zone,
    postingtime timestamp without time zone
);

ALTER TABLE public.peirsep OWNER TO pguser;

--
-- Name: pempsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE pempsep (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    obstime integer NOT NULL,
    jan double precision,
    feb double precision,
    mar double precision,
    apr double precision,
    may double precision,
    jun double precision,
    jul double precision,
    aug double precision,
    sep double precision,
    oct double precision,
    nov double precision,
    "dec" double precision,
    janq character(1),
    febq character(1),
    marq character(1),
    aprq character(1),
    mayq character(1),
    junq character(1),
    julq character(1),
    augq character(1),
    sepq character(1),
```

---

```
    octq character(1),
    novq character(1),
    decq character(1)
);

ALTER TABLE public.pempsep OWNER TO pguser;

--
-- Name: pemrsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE pemrsep (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    cal_yr integer NOT NULL,
    jan double precision,
    feb double precision,
    mar double precision,
    apr double precision,
    may double precision,
    jun double precision,
    jul double precision,
    aug double precision,
    sep double precision,
    oct double precision,
    nov double precision,
    "dec" double precision,
    janq character(1),
    febq character(1),
    marq character(1),
    aprq character(1),
    mayq character(1),
    junq character(1),
    julq character(1),
    augq character(1),
    sepq character(1),
    octq character(1),
    novq character(1),
    decq character(1)
);

ALTER TABLE public.pemrsep OWNER TO pguser;

--
-- Name: peoosep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
```

```
--  
  
CREATE TABLE peoosep (  
    lid character varying(8) NOT NULL,  
    pe1 character(1) NOT NULL,  
    pe2 character(1) NOT NULL,  
    dur character(1) NOT NULL,  
    idur smallint NOT NULL,  
    t character(1) NOT NULL,  
    s character(1) NOT NULL,  
    e character(1) NOT NULL,  
    p character(1) NOT NULL,  
    obstime timestamp without time zone NOT NULL,  
    datavalue double precision,  
    shef_qualifier_code character(1),  
    quality_code integer,  
    revision character(1),  
    product_id character(10),  
    producttime timestamp without time zone,  
    postingtime timestamp without time zone  
);  
  
ALTER TABLE public.peoosep OWNER TO pguser;  
  
--  
-- Name: peqfsep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--  
  
CREATE TABLE peqfsep (  
    lid character varying(8) NOT NULL,  
    pe1 character(1) NOT NULL,  
    pe2 character(1) NOT NULL,  
    dur character(1) NOT NULL,  
    idur smallint NOT NULL,  
    t character(1) NOT NULL,  
    s character(1) NOT NULL,  
    e character(1) NOT NULL,  
    p character(1) NOT NULL,  
    validtime date NOT NULL,  
    basistime timestamp without time zone NOT NULL,  
    z00 double precision,  
    z06 double precision,  
    z12 double precision,  
    z18 double precision,  
    qz00 character(1),  
    qz06 character(1),  
    qz12 character(1),  
    qz18 character(1)  
);  
  
ALTER TABLE public.peqfsep OWNER TO pguser;
```



---

```
--  
-- Name: peqpssep; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE peqpssep (  
    lid character varying(8) NOT NULL,  
    pe1 character(1) NOT NULL,  
    pe2 character(1) NOT NULL,  
    dur character(1) NOT NULL,  
    idur smallint NOT NULL,  
    t character(1) NOT NULL,  
    s character(1) NOT NULL,  
    e character(1) NOT NULL,  
    p character(1) NOT NULL,  
    obstime date NOT NULL,  
    z00 double precision,  
    z06 double precision,  
    z12 double precision,  
    z18 double precision,  
    qz00 character(1),  
    qz06 character(1),  
    qz12 character(1),  
    qz18 character(1)  
);
```

```
ALTER TABLE public.peqpssep OWNER TO pguser;
```

```
--  
-- Name: pos; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE pos (  
    pos character(1) NOT NULL,  
    descr character varying(30)  
);
```

```
ALTER TABLE public.pos OWNER TO pguser;
```

```
--  
-- Name: prod; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE prod (  
    id character varying(10) NOT NULL,  
    pmax integer,  
    pap integer,  
    err integer,  
    gra character(1),  
    pr1 character(1),  
    net character(1)  
);
```

---

```
ALTER TABLE public.prod OWNER TO pguser;

--
-- Name: qadjust; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE qadjust (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    slot integer NOT NULL,
    adjid character varying(5),
    adjpe1 character(1),
    adjpe2 character(1),
    adjdur character(1),
    adjt character(1),
    adjs character(1),
    adje character(1),
    adjp character(1),
    sign character(1),
    b_date date,
    e_date date,
    "comment" character(50)
);

ALTER TABLE public.qadjust OWNER TO pguser;

--
-- Name: rating; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE rating (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    tbl numeric(6,2) NOT NULL,
    valid_date timestamp without time zone NOT NULL,
    src character varying(10) NOT NULL,
    othagid character varying(16),
    rfs_input character(1),
    stgflow double precision[],
    units character(4),
    interpolate character(3),
    offsets double precision[],
    allowstg double precision
);
```

```
ALTER TABLE public.rating OWNER TO pguser;

--
-- Name: ratingshift; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE ratingshift (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    tbl_ver numeric(6,2) NOT NULL,
    begin_date timestamp without time zone NOT NULL,
    src character varying(10) NOT NULL,
    val_a double precision,
    sh_a double precision,
    val_b double precision,
    sh_b double precision,
    val_c double precision,
    sh_c double precision,
    val_d double precision,
    sh_d double precision,
    datum_adj double precision
);

ALTER TABLE public.ratingshift OWNER TO pguser;

--
-- Name: reservoir; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE reservoir (
    lid character varying(8) NOT NULL,
    sbd date NOT NULL,
    sed date,
    name character(20),
    "type" character varying(10) NOT NULL,
    "owner" character varying(10) NOT NULL,
    deadpool double precision,
    conserpool double precision,
    floodpool double precision,
    spillway double precision,
    sill double precision,
    top double precision,
    surchg double precision,
    elev double precision,
    gates integer,
    impounded date,
    uses character varying(8)
);
```

```
ALTER TABLE public.reservoir OWNER TO pguser;
```

```
--  
-- Name: rfc; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE rfc (  
    rfc character(2) NOT NULL  
);
```

```
ALTER TABLE public.rfc OWNER TO pguser;
```

```
--  
-- Name: rivercrit; Type: TABLE; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE TABLE rivercrit (  
    lid character varying(8) NOT NULL,  
    pe1 character(1) NOT NULL,  
    pe2 character(1) NOT NULL,  
    vdtype date NOT NULL,  
    lowscreen double precision,  
    sigrate double precision,  
    screenrate double precision,  
    fis numeric(10,2),  
    "action" numeric(10,2),  
    alert numeric(10,2),  
    bank numeric(10,2),  
    flood numeric(10,2),  
    modflood numeric(10,2),  
    majflood numeric(10,2),  
    record numeric(10,2),  
    highscreen double precision,  
    damscreen double precision,  
    lowscreenf double precision,  
    sigratef double precision,  
    screenratef double precision,  
    fisf double precision,  
    actionf double precision,  
    alertf double precision,  
    bankf double precision,  
    floodf double precision,  
    modfloodf double precision,  
    majfloodf double precision,  
    recordf double precision,  
    highscreenf double precision,  
    damscreenf double precision,  
    sigratet double precision,  
    screenratet double precision,  
    lowscreenq character(1),
```

```
sigrateq character(1),
screenrateq character(1),
fisq character(1),
actionq character(1),
alertq character(1),
bankq character(1),
floodq character(1),
modfloodq character(1),
majfloodq character(1),
recordq character(1),
highscreenq character(1),
damscreenq character(1),
stream character varying(32),
lat double precision,
lon double precision,
da double precision,
mile double precision,
zd double precision,
vdatum character varying(20),
cb double precision,
"level" character varying(20),
pool double precision,
por character varying(30),
tide character varying(8),
backwater character varying(8),
rrevise date,
rsource character varying(20),
response_time double precision,
threshold_runoff double precision,
uhgdur integer,
remark character varying(255)
);

ALTER TABLE public.rivercrit OWNER TO pguser;

--
-- Name: seg; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE seg (
    segid character varying(8) NOT NULL,
    descr character(20),
    numoper integer,
    compint integer,
    notel character(50),
    note2 character(50),
    note3 character(50),
    note4 character(50)
);

ALTER TABLE public.seg OWNER TO pguser;
```

---

```
--  
-- Name: segoper; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE segoper (  
    segid character varying(8) NOT NULL,  
    opernum integer NOT NULL,  
    opertype character varying(10),  
    operid character varying(8),  
    descr character varying(20),  
    compint integer  
);
```

```
ALTER TABLE public.segoper OWNER TO pguser;
```

```
--  
-- Name: sensok; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE sensok (  
    lid character varying(8) NOT NULL,  
    pe1 character(1) NOT NULL,  
    pe2 character(1) NOT NULL,  
    dur character(1) NOT NULL,  
    idur smallint NOT NULL,  
    t character(1) NOT NULL,  
    s character(1) NOT NULL,  
    e character(1) NOT NULL,  
    p character(1) NOT NULL,  
    oktime timestamp without time zone NOT NULL,  
    ok character(1) NOT NULL,  
    init character(3) NOT NULL,  
    reason character varying(80),  
    agcode character varying(6),  
    agloc character(3),  
    "comment" character varying(40)  
);
```

```
ALTER TABLE public.sensok OWNER TO pguser;
```

```
--  
-- Name: shefdur; Type: TABLE; Schema: public; Owner: pguser; Tablespace:  
--
```

```
CREATE TABLE shefdur (  
    idur smallint NOT NULL,  
    dur character(1) NOT NULL,  
    name character varying(20)  
);
```

```
ALTER TABLE public.shefdur OWNER TO pguser;
```

---

```
--
-- Name: shefex; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE shefex (
    e character(1) NOT NULL,
    name character varying(20)
);

ALTER TABLE public.shefex OWNER TO pguser;

--
-- Name: shefpe; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE shefpe (
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    name character varying(30),
    eng_unit character varying(8),
    met_unit character varying(8)
);

ALTER TABLE public.shefpe OWNER TO pguser;

--
-- Name: shefpel; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE shefpel (
    pel character(1) NOT NULL,
    name character varying(20)
);

ALTER TABLE public.shefpel OWNER TO pguser;

--
-- Name: shefpetrans; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE shefpetrans (
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    code_position character(1) NOT NULL,
    coded_value integer NOT NULL,
    value_trans character varying(80)
);
```

---

```
ALTER TABLE public.shefpetrans OWNER TO pguser;

--
-- Name: shefprob; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE shefprob (
    p character(1) NOT NULL,
    probability real,
    name character varying(20)
);

ALTER TABLE public.shefprob OWNER TO pguser;

--
-- Name: shefqc; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE shefqc (
    shef_qualifier_code character(1) NOT NULL,
    power integer NOT NULL,
    name character varying(20)
);

ALTER TABLE public.shefqc OWNER TO pguser;

--
-- Name: shefts; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE shefts (
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    name character varying(20)
);

ALTER TABLE public.shefts OWNER TO pguser;

--
-- Name: slopeprofile; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE slopeprofile (
    lid character varying(8) NOT NULL,
    marker character(1) NOT NULL,
    begdate date NOT NULL,
    enddate date,
    distance01 real,
    distance02 real,
    distance03 real,
```



distance04 real,  
distance05 real,  
distance06 real,  
distance07 real,  
distance08 real,  
distance09 real,  
distance10 real,  
distance11 real,  
distance12 real,  
distance13 real,  
distance14 real,  
distance15 real,  
distance16 real,  
distance17 real,  
distance18 real,  
distance19 real,  
distance20 real,  
distance21 real,  
distance22 real,  
distance23 real,  
distance24 real,  
distance25 real,  
distance26 real,  
distance27 real,  
distance28 real,  
distance29 real,  
distance30 real,  
elevation01 real,  
elevation02 real,  
elevation03 real,  
elevation04 real,  
elevation05 real,  
elevation06 real,  
elevation07 real,  
elevation08 real,  
elevation09 real,  
elevation10 real,  
elevation11 real,  
elevation12 real,  
elevation13 real,  
elevation14 real,  
elevation15 real,  
elevation16 real,  
elevation17 real,  
elevation18 real,  
elevation19 real,  
elevation20 real,  
elevation21 real,  
elevation22 real,  
elevation23 real,  
elevation24 real,  
elevation25 real,  
elevation26 real,  
elevation27 real,

---

```
        elevation28 real,
        elevation29 real,
        elevation30 real
    );

ALTER TABLE public.slopeprofile OWNER TO pguser;

--
-- Name: state; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE state (
    state character(2) NOT NULL,
    countryfips character(2) NOT NULL,
    name character varying(20),
    ncdc character(2),
    statefips character(2)
);

ALTER TABLE public.state OWNER TO pguser;

--
-- Name: statesapicont; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE statesapicont (
    opid character varying(8) NOT NULL,
    segid character varying(8) NOT NULL,
    obstime timestamp without time zone NOT NULL,
    units character(1),
    api double precision,
    smi double precision,
    bfsc double precision,
    bfi double precision,
    aei double precision,
    ati double precision,
    fi double precision,
    fei double precision
);

ALTER TABLE public.statesapicont OWNER TO pguser;

--
-- Name: statessacsma; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE statessacsma (
    opid character varying(8) NOT NULL,
    segid character varying(8) NOT NULL,
```

```
    obstime timestamp without time zone NOT NULL,
    units character(1),
    uztwd double precision,
    lztwd double precision,
    uztwc double precision,
    uzfwc double precision,
    lztwc double precision,
    lzfsc double precision,
    lzfpcc double precision,
    adimc double precision,
    fgix double precision
);

ALTER TABLE public.statessacsma OWNER TO pguser;

--
-- Name: statessnow17; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE statessnow17 (
    opid character varying(8) NOT NULL,
    segid character varying(8) NOT NULL,
    obstime timestamp without time zone NOT NULL,
    units character(1),
    swe double precision,
    cover double precision,
    maxswe double precision,
    aeadj double precision,
    heatdef double precision,
    tindex double precision,
    liquid double precision
);

ALTER TABLE public.statessnow17 OWNER TO pguser;

--
-- Name: swsmail; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE swsmail (
    id character varying(10) NOT NULL,
    name character varying(40),
    address1 character varying(40),
    address2 character varying(35),
    city character varying(35),
    state character varying(10),
    zip character varying(11),
    voice character varying(12),
    fax character varying(12),
    active character(1),
    ucpub character(1),
```

```
    ucsurvey character(1),
    lcpub character(1),
    lcsurvey character(1),
    gbpub character(1),
    gbsurvey character(1),
    peakpub character(1),
    peaksurvey character(1)
);

ALTER TABLE public.swsmail OWNER TO pguser;

--
-- Name: unkstnvalue; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE unkstnvalue (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    validtime timestamp without time zone NOT NULL,
    basistime timestamp without time zone NOT NULL,
    datavalue double precision,
    shef_qualifier_code character(1),
    revision character(1),
    product_id character(10),
    producttime timestamp without time zone,
    postingtime timestamp without time zone
);

ALTER TABLE public.unkstnvalue OWNER TO pguser;

--
-- Name: vaddadjust; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE vaddadjust (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
    s character(1) NOT NULL,
    e character(1) NOT NULL,
```

```
        adjustment double precision
    );

ALTER TABLE public.vaddadjust OWNER TO pguser;

--
-- Name: vfympairs; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE vfympairs (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    fcst_t character(1) NOT NULL,
    fcst_s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    validtime timestamp without time zone NOT NULL,
    basistime timestamp without time zone NOT NULL,
    obs_t character(1) NOT NULL,
    obs_s character(1) NOT NULL,
    obstime timestamp without time zone NOT NULL,
    fcstvalue double precision,
    obsvalue double precision,
    quality_code integer
);

ALTER TABLE public.vfympairs OWNER TO pguser;

--
-- Name: vfyprocpairs; Type: TABLE; Schema: public; Owner: pguser;
Tablespace:
--

CREATE TABLE vfyprocpairs (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    fcst_t character(1) NOT NULL,
    fcst_s character(1) NOT NULL,
    e character(1) NOT NULL,
    p character(1) NOT NULL,
    validtime timestamp without time zone NOT NULL,
    basistime timestamp without time zone NOT NULL,
    obs_t character(1) NOT NULL,
    obs_s character(1) NOT NULL,
    obstime timestamp without time zone NOT NULL,
    fcstvalue double precision,
```

---

```
        obsvalue double precision,
        quality_code integer
    );

ALTER TABLE public.vfyprocpairs OWNER TO pguser;

--
-- Name: vfyruninfo; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE vfyruninfo (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    extremum character(1) NOT NULL,
    fcstts1 character(1) NOT NULL,
    fcstts2 character(1) NOT NULL,
    sents1 character(1) NOT NULL,
    sents2 character(1) NOT NULL,
    senrk smallint,
    resptime character varying(8),
    active character(1),
    "national" character(1)
);

ALTER TABLE public.vfyruninfo OWNER TO pguser;

--
-- Name: wfo_hsa; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE wfo_hsa (
    wfo_hsa character(3) NOT NULL
);

ALTER TABLE public.wfo_hsa OWNER TO pguser;

--
-- Name: wsequation; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE wsequation (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
    t character(1) NOT NULL,
```

---

```
s character(1) NOT NULL,  
e character(1) NOT NULL,  
p character(1) NOT NULL,  
bper integer NOT NULL,  
eper integer NOT NULL,  
pub1 character(4) NOT NULL,  
pub2 character(1) NOT NULL,  
vcal character varying(5),  
dat integer,  
hyd character(3),  
sse double precision,  
sr2 double precision,  
jse double precision,  
jr2 double precision,  
prc integer,  
dgm integer,  
ytrans character(2),  
cse double precision,  
vid1 character varying(5) NOT NULL,  
vid2 character varying(5),  
vid3 character varying(5),  
vid4 character varying(5),  
vid5 character varying(5),  
vid6 character varying(5),  
vid7 character varying(5),  
vid8 character varying(5),  
vid9 character varying(5),  
vid10 character varying(5),  
vid11 character varying(5),  
vid12 character varying(5),  
vid13 character varying(5),  
vid14 character varying(5),  
vid15 character varying(5),  
vpd1 character varying(7) NOT NULL,  
vpd2 character varying(7),  
vpd3 character varying(7),  
vpd4 character varying(7),  
vpd5 character varying(7),  
vpd6 character varying(7),  
vpd7 character varying(7),  
vpd8 character varying(7),  
vpd9 character varying(7),  
vpd10 character varying(7),  
vpd11 character varying(7),  
vpd12 character varying(7),  
vpd13 character varying(7),  
vpd14 character varying(7),  
vpd15 character varying(7),  
vbm1 integer NOT NULL,  
vbm2 integer,  
vbm3 integer,  
vbm4 integer,  
vbm5 integer,  
vbm6 integer,
```

```
vbm7 integer,
vbm8 integer,
vbm9 integer,
vbm10 integer,
vbm11 integer,
vbm12 integer,
vbm13 integer,
vbm14 integer,
vbm15 integer,
vem1 integer NOT NULL,
vem2 integer,
vem3 integer,
vem4 integer,
vem5 integer,
vem6 integer,
vem7 integer,
vem8 integer,
vem9 integer,
vem10 integer,
vem11 integer,
vem12 integer,
vem13 integer,
vem14 integer,
vem15 integer,
vcf1 double precision NOT NULL,
vcf2 double precision,
vcf3 double precision,
vcf4 double precision,
vcf5 double precision,
vcf6 double precision,
vcf7 double precision,
vcf8 double precision,
vcf9 double precision,
vcf10 double precision,
vcf11 double precision,
vcf12 double precision,
vcf13 double precision,
vcf14 double precision,
vcf15 double precision
);

ALTER TABLE public.wsequation OWNER TO pguser;

--
-- Name: wsfcst; Type: TABLE; Schema: public; Owner: pguser; Tablespace:
--

CREATE TABLE wsfcst (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    dur character(1) NOT NULL,
    idur smallint NOT NULL,
```



```
t character(1) NOT NULL,
s character(1) NOT NULL,
e character(1) NOT NULL,
p character(1) NOT NULL,
bper integer NOT NULL,
eper integer NOT NULL,
fcstdate date NOT NULL,
post character varying(5),
mid character(2),
cp1 double precision,
cp2 double precision,
cmp double precision,
crx double precision,
crn double precision,
nws double precision,
cag double precision,
jse double precision,
dgp double precision,
cagrx double precision,
cagr double precision,
errbounds character(4)
);

ALTER TABLE public.wsfcst OWNER TO pguser;

--
-- Name: wshistorical; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE wshistorical (
  lid character varying(8) NOT NULL,
  pe1 character(1) NOT NULL,
  pe2 character(1) NOT NULL,
  dur character(1) NOT NULL,
  idur smallint NOT NULL,
  t character(1) NOT NULL,
  s character(1) NOT NULL,
  e character(1) NOT NULL,
  p character(1) NOT NULL,
  bper integer NOT NULL,
  eper integer NOT NULL,
  wyr integer NOT NULL,
  janmp double precision,
  febmp double precision,
  marmp double precision,
  aprmp double precision,
  maymp double precision,
  junmp double precision,
  julmp double precision,
  augmp double precision,
  sepmp double precision,
  octmp double precision,
```

```
novmp double precision,
decmp double precision,
janmx double precision,
febmx double precision,
marmx double precision,
aprmx double precision,
maymx double precision,
junmx double precision,
julmx double precision,
augmx double precision,
sepmx double precision,
octmx double precision,
novmx double precision,
decmx double precision,
janmn double precision,
febmn double precision,
marmn double precision,
aprmn double precision,
maymn double precision,
junmn double precision,
julmn double precision,
augmn double precision,
sepmn double precision,
octmn double precision,
novmn double precision,
decmn double precision
);

ALTER TABLE public.wshistorical OWNER TO pguser;

--
-- Name: wsperstats; Type: TABLE; Schema: public; Owner: pguser;
-- Tablespace:
--

CREATE TABLE wsperstats (
  lid character varying(8) NOT NULL,
  pe1 character(1) NOT NULL,
  pe2 character(1) NOT NULL,
  dur character(1) NOT NULL,
  idur smallint NOT NULL,
  t character(1) NOT NULL,
  s character(1) NOT NULL,
  e character(1) NOT NULL,
  p character(1) NOT NULL,
  bper integer NOT NULL,
  eper integer NOT NULL,
  avg25 double precision,
  med25 double precision,
  std25 double precision,
  avg30 double precision,
  med30 double precision,
  std30 double precision,
```

```
        avgpor double precision,
        medpor double precision,
        stdpor double precision,
        mx double precision,
        ymx integer,
        mn double precision,
        ymn integer
    );

ALTER TABLE public.wsperstats OWNER TO pguser;

--
-- Name: adjustfactor_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY adjustfactor
    ADD CONSTRAINT adjustfactor_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
t, s, e, begin_date);

--
-- Name: agency_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY agency
    ADD CONSTRAINT agency_pk PRIMARY KEY (agcode, agloc);

--
-- Name: aliasid_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY aliasid
    ADD CONSTRAINT aliasid_pk PRIMARY KEY (altid);

--
-- Name: area_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY area
    ADD CONSTRAINT area_pk PRIMARY KEY (lid);

--
-- Name: areasens_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--
```

---

```
ALTER TABLE ONLY areasens
    ADD CONSTRAINT areasens_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t,
s, e, p);

--
-- Name: avg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY avg
    ADD CONSTRAINT avg_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s, e,
p);

--
-- Name: cgroup_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY cgroup
    ADD CONSTRAINT cgroup_pk PRIMARY KEY (cgroupid);

--
-- Name: commentvalue_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY commentvalue
    ADD CONSTRAINT commentvalue_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
t, s, e, p, validtime, basistime);

--
-- Name: counties_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY counties
    ADD CONSTRAINT counties_pk PRIMARY KEY (countryfips, state,
countyfips);

--
-- Name: crest_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY crest
    ADD CONSTRAINT crest_pk PRIMARY KEY (lid, datecrest);

--
```

---

```
-- Name: datalimits_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY datalimits
  ADD CONSTRAINT datalimits_pk PRIMARY KEY (pe1, pe2, dur, idur,
monthdaystart);
```

```
--
-- Name: drain_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY drain
  ADD CONSTRAINT drain_pk PRIMARY KEY (drain);
```

```
--
-- Name: fgroup_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY fgroup
  ADD CONSTRAINT fgroup_pk PRIMARY KEY (fgroupid);
```

```
--
-- Name: fgroupseg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY fgroupseg
  ADD CONSTRAINT fgroupseg_pk PRIMARY KEY (fgroupid, segnum);
```

```
--
-- Name: huc2_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY huc2
  ADD CONSTRAINT huc2_pk PRIMARY KEY (code12);
```

```
--
-- Name: huc4_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY huc4
  ADD CONSTRAINT huc4_pk PRIMARY KEY (code12, code34);
```

---

```
--
-- Name: huc6_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY huc6
    ADD CONSTRAINT huc6_pk PRIMARY KEY (code12, code34, code56);

--
-- Name: huc8_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY huc8
    ADD CONSTRAINT huc8_pk PRIMARY KEY (code12, code34, code56, code78);

--
-- Name: ingestfilter_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY ingestfilter
    ADD CONSTRAINT ingestfilter_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
t, s, e);

--
-- Name: location_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY "location"
    ADD CONSTRAINT location_pk PRIMARY KEY (lid, sbd);

--
-- Name: locdatalimits_pk; Type: CONSTRAINT; Schema: public; Owner:
pguser; Tablespace:
--

ALTER TABLE ONLY locdatalimits
    ADD CONSTRAINT locdatalimits_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
monthdaystart);

--
-- Name: modaescchnng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modaescchnng
    ADD CONSTRAINT modaescchnng_pk PRIMARY KEY (idl, operid, sdate);
```

---

```
--
-- Name: modaiadj_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modaiadj
    ADD CONSTRAINT modaiadj_pk PRIMARY KEY (idl, operid, sdate);

--
-- Name: modapicbasf_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modapicbasf
    ADD CONSTRAINT modapicbasf_pk PRIMARY KEY (idl, operid, sdate);

--
-- Name: modapicco_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modapicco
    ADD CONSTRAINT modapicco_pk PRIMARY KEY (idl, operid, keyword, sdate);

--
-- Name: modbublshft_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modbublshft
    ADD CONSTRAINT modbublshft_pk PRIMARY KEY (idl, operid, sdate, edate);

--
-- Name: modchgblend_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modchgblend
    ADD CONSTRAINT modchgblend_pk PRIMARY KEY (idl, operid, sdate);

--
-- Name: modctrl_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modctrl
    ADD CONSTRAINT modctrl_pk PRIMARY KEY (mod_name);
```

```
--  
-- Name: modignorets_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
ALTER TABLE ONLY modignorets  
    ADD CONSTRAINT modignorets_pk PRIMARY KEY (idl, operid, keyword,  
sdate, edate);
```

```
--  
-- Name: modmatchng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
ALTER TABLE ONLY modmatchng  
    ADD CONSTRAINT modmatchng_pk PRIMARY KEY (idl, operid, sdate, vdate,  
slot);
```

```
--  
-- Name: modmfc_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
ALTER TABLE ONLY modmfc  
    ADD CONSTRAINT modmfc_pk PRIMARY KEY (idl, operid, sdate, edate);
```

```
--  
-- Name: modqcshift_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
ALTER TABLE ONLY modqcshift  
    ADD CONSTRAINT modqcshift_pk PRIMARY KEY (idl, operid, sdate, edate);
```

```
--  
-- Name: modqpshift_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
ALTER TABLE ONLY modqpshift  
    ADD CONSTRAINT modqpshift_pk PRIMARY KEY (idl, operid, sdate, edate);
```

```
--  
-- Name: modrainsnow_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;  
Tablespace:  
--
```



---

```
ALTER TABLE ONLY modrainsnow
    ADD CONSTRAINT modrainsnow_pk PRIMARY KEY (idl, operid, sdate, edate);

--
-- Name: modrochnng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY modrochnng
    ADD CONSTRAINT modrochnng_pk PRIMARY KEY (idl, operid, sdate, vdate,
slot);

--
-- Name: modromult_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY modromult
    ADD CONSTRAINT modromult_pk PRIMARY KEY (idl, operid, sdate, edate,
vdate);

--
-- Name: modrrichng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY modrrichng
    ADD CONSTRAINT modrrichng_pk PRIMARY KEY (idl, operid, sdate, vdate,
slot);

--
-- Name: modrrimult_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY modrrimult
    ADD CONSTRAINT modrrimult_pk PRIMARY KEY (idl, operid, sdate, edate,
vdate);

--
-- Name: modsacbasef_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
-- Tablespace:
--

ALTER TABLE ONLY modsacbasef
    ADD CONSTRAINT modsacbasef_pk PRIMARY KEY (idl, operid, sdate);

--
```

---

```
-- Name: modsacco_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modsacco
    ADD CONSTRAINT modsacco_pk PRIMARY KEY (id1, operid, keyword, sdate);

--
-- Name: modsetmsng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modsetmsng
    ADD CONSTRAINT modsetmsng_pk PRIMARY KEY (id1, id2, datatype, timeint,
sdate, edate);

--
-- Name: modsetqmean_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modsetqmean
    ADD CONSTRAINT modsetqmean_pk PRIMARY KEY (id1, operid, sdate, vdate,
slot);

--
-- Name: modssarreg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modssarreg
    ADD CONSTRAINT modssarreg_pk PRIMARY KEY (id1, id2, operid, keyword,
sdate, slot);

--
-- Name: modswitchts_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modswitchts
    ADD CONSTRAINT modswitchts_pk PRIMARY KEY (id1, operid, keyword,
sdate, edate, vdate);

--
-- Name: modtsadd_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modtsadd
```

---

```
ADD CONSTRAINT modtsadd_pk PRIMARY KEY (id1, id2, datatype, timeint,
opertype, operid, sdate, edate, vdate);

--
-- Name: modtschn_g_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modtschn_g
ADD CONSTRAINT modtschn_g_pk PRIMARY KEY (id1, id2, datatype, timeint,
opertype, operid, sdate, vdate, slot);

--
-- Name: modtsmult_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modtsmult
ADD CONSTRAINT modtsmult_pk PRIMARY KEY (id1, id2, datatype, timeint,
opertype, operid, sdate, edate, vdate);

--
-- Name: modtsrepl_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modtsrepl
ADD CONSTRAINT modtsrepl_pk PRIMARY KEY (id1, id2, datatype, timeint,
opertype, operid, sdate, edate, vdate);

--
-- Name: moduadj_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY moduadj
ADD CONSTRAINT moduadj_pk PRIMARY KEY (id1, operid, sdate, edate);

--
-- Name: moduhgadj_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY moduhgadj
ADD CONSTRAINT moduhgadj_pk PRIMARY KEY (id1, operid, keyword, sdate);

--
```

---

```
-- Name: moduhgchnng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY moduhgchnng
    ADD CONSTRAINT moduhgchnng_pk PRIMARY KEY (idl, operid, sdate, slot);

--

-- Name: modweadd_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modweadd
    ADD CONSTRAINT modweadd_pk PRIMARY KEY (idl, operid, sdate);

--

-- Name: modwechnng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modwechnng
    ADD CONSTRAINT modwechnng_pk PRIMARY KEY (idl, operid, sdate);

--

-- Name: modxinco_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modxinco
    ADD CONSTRAINT modxinco_pk PRIMARY KEY (idl, operid, keyword, subarea,
sdate);

--

-- Name: modzerodiff_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY modzerodiff
    ADD CONSTRAINT modzerodiff_pk PRIMARY KEY (idl, operid, sdate);

--

-- Name: ofsdatatrans_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY ofsdatatrans
    ADD CONSTRAINT ofsdatatrans_pk PRIMARY KEY (pe1, pe2, dur, idur,
extremum);
```

---

```
--
-- Name: ofsstntrans_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY ofsstntrans
    ADD CONSTRAINT ofsstntrans_pk PRIMARY KEY (lid, ofs_data_type,
shef_source_code);

--
-- Name: operapicont_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY operapicont
    ADD CONSTRAINT operapicont_pk PRIMARY KEY (opid, segid);

--
-- Name: operacsma_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY operacsma
    ADD CONSTRAINT operacsma_pk PRIMARY KEY (opid, segid);

--
-- Name: opersnow17_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY opersnow17
    ADD CONSTRAINT opersnow17_pk PRIMARY KEY (opid, segid);

--
-- Name: opertype_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY opertype
    ADD CONSTRAINT opertype_pk PRIMARY KEY (opertype);

--
-- Name: operunithg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY operunithg
    ADD CONSTRAINT operunithg_pk PRIMARY KEY (opid, segid, slot);
```

---

```
--
-- Name: pairedvalues_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pairedvalues
    ADD CONSTRAINT pairedvalues_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
t, s, e, p, validtime, basistime);

--
-- Name: pocrsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pocrsep
    ADD CONSTRAINT pocrsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, obstime);

--
-- Name: pedcsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pedcsep
    ADD CONSTRAINT pedcsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, validtime, basistime);

--
-- Name: pedfsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pedfsep
    ADD CONSTRAINT pedfsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, validtime, basistime);

--
-- Name: pedpsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pedpsep
    ADD CONSTRAINT pedpsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, obstime);

--
```

---

```
-- Name: pedrsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pedrsep
    ADD CONSTRAINT pedrsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, obstime);

--

-- Name: pehfsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pehfsep
    ADD CONSTRAINT pehfsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, validtime, basistime);

--

-- Name: pehpsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pehpsep
    ADD CONSTRAINT pehpsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, obstime);

--

-- Name: peirsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY peirsep
    ADD CONSTRAINT peirsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, obstime);

--

-- Name: pempsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY pempsep
    ADD CONSTRAINT pempsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, obstime);

--

-- Name: pemrsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

---

```
ALTER TABLE ONLY pemrsep
    ADD CONSTRAINT pemrsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, cal_yr);
```

```
--
-- Name: peoosep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY peoosep
    ADD CONSTRAINT peoosep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, obstime);
```

```
--
-- Name: peqfsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY peqfsep
    ADD CONSTRAINT peqfsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
validtime, basistime);
```

```
--
-- Name: peqpsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY peqpsep
    ADD CONSTRAINT peqpsep_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, obstime);
```

```
--
-- Name: pos_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY pos
    ADD CONSTRAINT pos_pk PRIMARY KEY (pos);
```

```
--
-- Name: prod_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

```
ALTER TABLE ONLY prod
    ADD CONSTRAINT prod_pk PRIMARY KEY (id);
```

```
--
```



---

```
-- Name: qadjust_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY qadjust
    ADD CONSTRAINT qadjust_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, slot);

--

-- Name: rating_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY rating
    ADD CONSTRAINT rating_pk PRIMARY KEY (lid, pe1, pe2, tbl, valid_date,
src);

--

-- Name: ratingshift_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY ratingshift
    ADD CONSTRAINT ratingshift_pk PRIMARY KEY (lid, pe1, pe2, tbl_ver,
begin_date, src);

--

-- Name: reservoir_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY reservoir
    ADD CONSTRAINT reservoir_pk PRIMARY KEY (lid, sbd);

--

-- Name: rfc_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY rfc
    ADD CONSTRAINT rfc_pk PRIMARY KEY (rfc);

--

-- Name: rivercrit_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY rivercrit
    ADD CONSTRAINT rivercrit_pk PRIMARY KEY (lid, pe1, pe2, vdtype);
```

```
--
-- Name: seg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY seg
    ADD CONSTRAINT seg_pk PRIMARY KEY (segid);

--
-- Name: segoperg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY segoper
    ADD CONSTRAINT segoperg_pk PRIMARY KEY (segid, opernum);

--
-- Name: sensok_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY sensok
    ADD CONSTRAINT sensok_pk PRIMARY KEY (lid, pe1, pe2, dur, t, s, e, p,
oktime);

--
-- Name: shefdur_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY shefdur
    ADD CONSTRAINT shefdur_pk PRIMARY KEY (dur);

--
-- Name: shefex_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY shefex
    ADD CONSTRAINT shefex_pk PRIMARY KEY (e);

--
-- Name: shefpel_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY shefpel
```

---

```
ADD CONSTRAINT shefpel_pk PRIMARY KEY (pe1);

--
-- Name: shefpe_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY shefpe
    ADD CONSTRAINT shefpe_pk PRIMARY KEY (pe1, pe2);

--
-- Name: shefpetrans_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY shefpetrans
    ADD CONSTRAINT shefpetrans_pk PRIMARY KEY (pe1, pe2, coded_value,
code_position);

--
-- Name: shefprob_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY shefprob
    ADD CONSTRAINT shefprob_pk PRIMARY KEY (p);

--
-- Name: shefqc_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY shefqc
    ADD CONSTRAINT shefqc_pk PRIMARY KEY (power);

--
-- Name: shefts_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY shefts
    ADD CONSTRAINT shefts_pk PRIMARY KEY (t, s);

--
-- Name: slopeprofile_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

---

```
ALTER TABLE ONLY slopeprofile
  ADD CONSTRAINT slopeprofile_pk PRIMARY KEY (lid, marker, begdate);

--
-- Name: state_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY state
  ADD CONSTRAINT state_pk PRIMARY KEY (state, countryfips);

--
-- Name: statesapicont_pk; Type: CONSTRAINT; Schema: public; Owner:
pguser; Tablespace:
--

ALTER TABLE ONLY statesapicont
  ADD CONSTRAINT statesapicont_pk PRIMARY KEY (opid, segid);

--
-- Name: statessacsma_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY statessacsma
  ADD CONSTRAINT statessacsma_pk PRIMARY KEY (opid, segid, obstime);

--
-- Name: statessnow17_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY statessnow17
  ADD CONSTRAINT statessnow17_pk PRIMARY KEY (opid, segid, obstime);

--
-- Name: swsmail_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY swsmail
  ADD CONSTRAINT swsmail_pk PRIMARY KEY (id);

--
-- Name: unkstnvalue_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--
```

---

```
ALTER TABLE ONLY unkstnvalue
    ADD CONSTRAINT unkstnvalue_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
t, s, e, p, validtime, basistime);

--
-- Name: vaddadjust_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY vaddadjust
    ADD CONSTRAINT vaddadjust_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t,
s, e);

--
-- Name: vfypairs_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY vfypairs
    ADD CONSTRAINT vfypairs_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
fcst_t, fcst_s, e, p, validtime, basistime);

--
-- Name: vfyprocpairs_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY vfyprocpairs
    ADD CONSTRAINT vfyprocpairs_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
fcst_t, fcst_s, e, p, validtime, basistime);

--
-- Name: vfyruninfo_ob82_pk; Type: CONSTRAINT; Schema: public; Owner:
pguser; Tablespace:
--

ALTER TABLE ONLY vfyruninfo
    ADD CONSTRAINT vfyruninfo_ob82_pk PRIMARY KEY (lid, pe1, pe2, dur,
extremum, fcstts1, fcstts2, sents1, sents2);

--
-- Name: wfo_hse_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY wfo_hsa
    ADD CONSTRAINT wfo_hse_pk PRIMARY KEY (wfo_hsa);
```

---

```
--
-- Name: wsequation_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY wsequation
    ADD CONSTRAINT wsequation_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t,
s, e, p, bper, eper, publ, pub2);

--
-- Name: wsfkst_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY wsfkst
    ADD CONSTRAINT wsfkst_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t, s,
e, p, bper, eper, fcstdate);

--
-- Name: wshistorical_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY wshistorical
    ADD CONSTRAINT wshistorical_pk PRIMARY KEY (lid, pe1, pe2, dur, idur,
t, s, e, p, bper, eper, wyr);

--
-- Name: wsperstats_pk; Type: CONSTRAINT; Schema: public; Owner: pguser;
Tablespace:
--

ALTER TABLE ONLY wsperstats
    ADD CONSTRAINT wsperstats_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t,
s, e, p, bper, eper);

--
-- Name: comment_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX comment_time_ind ON commentvalue USING btree (basistime);

--
-- Name: pairval_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX pairval_time_ind ON pairedvalues USING btree (basistime);
```

```
--  
-- Name: pecrsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE INDEX pecrsep_time_ind ON pecrsep USING btree (obstime);
```

```
--  
-- Name: pedcsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE INDEX pedcsep_time_ind ON pedcsep USING btree (basistime);
```

```
--  
-- Name: pedfsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE INDEX pedfsep_time_ind ON pedfsep USING btree (basistime);
```

```
--  
-- Name: pedpsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE INDEX pedpsep_time_ind ON pedpsep USING btree (obstime);
```

```
--  
-- Name: pedrsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE INDEX pedrsep_time_ind ON pedrsep USING btree (obstime);
```

```
--  
-- Name: pehfsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE INDEX pehfsep_time_ind ON pehfsep USING btree (basistime);
```

```
--  
-- Name: pehpsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;  
Tablespace:  
--
```

```
CREATE INDEX pehpsep_time_ind ON pehpsep USING btree (obstime);

--
-- Name: peirsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX peirsep_time_ind ON peirsep USING btree (obstime);

--
-- Name: pempsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX pempsep_time_ind ON pempsep USING btree (obstime);

--
-- Name: pemrsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX pemrsep_time_ind ON pemrsep USING btree (cal_yr);

--
-- Name: peoosep_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX peoosep_time_ind ON peoosep USING btree (obstime);

--
-- Name: peqfsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX peqfsep_time_ind ON peqfsep USING btree (basistime);

--
-- Name: peqpsep_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX peqpsep_time_ind ON peqpsep USING btree (obstime);

--
```



---

```
-- Name: unkstn_time_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX unkstn_time_ind ON unkstnvalue USING btree (basistime);

--

-- Name: vfypairs_vtime_ind; Type: INDEX; Schema: public; Owner: pguser;
Tablespace:
--

CREATE INDEX vfypairs_vtime_ind ON vfypairs USING btree (validtime);

--

-- Name: vfyprocpairs_vtime_ind; Type: INDEX; Schema: public; Owner:
pguser; Tablespace:
--

CREATE INDEX vfyprocpairs_vtime_ind ON vfyprocpairs USING btree
(validtime);

--

-- Name: counties_state_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--

ALTER TABLE ONLY counties
    ADD CONSTRAINT counties_state_fk FOREIGN KEY (state, countryfips)
REFERENCES state(state, countryfips) MATCH FULL;

--

-- Name: counties_wfo_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--

ALTER TABLE ONLY counties
    ADD CONSTRAINT counties_wfo_fk FOREIGN KEY (wfo) REFERENCES
wfo_hsa(wfo_hsa) MATCH FULL;

--

-- Name: datalimits_dur_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--

ALTER TABLE ONLY datalimits
    ADD CONSTRAINT datalimits_dur_fk FOREIGN KEY (dur) REFERENCES
shefdur(dur) MATCH FULL;
```

---

```
--
-- Name: datalimits_pe_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--

ALTER TABLE ONLY datalimits
    ADD CONSTRAINT datalimits_pe_fk FOREIGN KEY (pe1, pe2) REFERENCES
shefpe(pe1, pe2) MATCH FULL;

--

-- Name: fgroupseg_id_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--

ALTER TABLE ONLY fgroupseg
    ADD CONSTRAINT fgroupseg_id_fk FOREIGN KEY (fgroupid) REFERENCES
fgroup(fgroupid) MATCH FULL;

--

-- Name: flashflood_wfo_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--

ALTER TABLE ONLY flashflood
    ADD CONSTRAINT flashflood_wfo_fk FOREIGN KEY (wfo) REFERENCES
wfo_hsa(wfo_hsa) MATCH FULL;

--

-- Name: locdatalim_dur_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--

ALTER TABLE ONLY locdatalimits
    ADD CONSTRAINT locdatalim_dur_fk FOREIGN KEY (dur) REFERENCES
shefdur(dur) MATCH FULL;

--

-- Name: locdatalim_pe_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--

ALTER TABLE ONLY locdatalimits
    ADD CONSTRAINT locdatalim_pe_fk FOREIGN KEY (pe1, pe2) REFERENCES
shefpe(pe1, pe2) MATCH FULL;

--

-- Name: ofsdatatrans_pe_fk; Type: FK CONSTRAINT; Schema: public; Owner:
pguser
--
```

---

```
ALTER TABLE ONLY ofsdatatrans
  ADD CONSTRAINT ofsdatatrans_pe_fk FOREIGN KEY (pe1, pe2) REFERENCES
  shefpe(pe1, pe2) MATCH FULL;
```

```
--
-- Name: public; Type: ACL; Schema: -; Owner: postgres
--
```

```
REVOKE ALL ON SCHEMA public FROM PUBLIC;
REVOKE ALL ON SCHEMA public FROM postgres;
GRANT ALL ON SCHEMA public TO postgres;
GRANT ALL ON SCHEMA public TO PUBLIC;
```

```
--
-- Name: adjustfactor; Type: ACL; Schema: public; Owner: pguser
--
```

```
REVOKE ALL ON TABLE adjustfactor FROM PUBLIC;
REVOKE ALL ON TABLE adjustfactor FROM pguser;
GRANT ALL ON TABLE adjustfactor TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE adjustfactor TO PUBLIC;
```

```
--
-- Name: agency; Type: ACL; Schema: public; Owner: pguser
--
```

```
REVOKE ALL ON TABLE agency FROM PUBLIC;
REVOKE ALL ON TABLE agency FROM pguser;
GRANT ALL ON TABLE agency TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE agency TO PUBLIC;
```

```
--
-- Name: aliasid; Type: ACL; Schema: public; Owner: pguser
--
```

```
REVOKE ALL ON TABLE aliasid FROM PUBLIC;
REVOKE ALL ON TABLE aliasid FROM pguser;
GRANT ALL ON TABLE aliasid TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE aliasid TO PUBLIC;
```

```
--
-- Name: area; Type: ACL; Schema: public; Owner: pguser
--
```

```
REVOKE ALL ON TABLE area FROM PUBLIC;
REVOKE ALL ON TABLE area FROM pguser;
GRANT ALL ON TABLE area TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE area TO PUBLIC;
```

```
--
-- Name: areasens; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE areasens FROM PUBLIC;
REVOKE ALL ON TABLE areasens FROM pguser;
GRANT ALL ON TABLE areasens TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE areasens TO PUBLIC;

--
-- Name: avg; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE avg FROM PUBLIC;
REVOKE ALL ON TABLE avg FROM pguser;
GRANT ALL ON TABLE avg TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE avg TO PUBLIC;

--
-- Name: cgroup; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE cgroup FROM PUBLIC;
REVOKE ALL ON TABLE cgroup FROM pguser;
GRANT ALL ON TABLE cgroup TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE cgroup TO PUBLIC;

--
-- Name: commentvalue; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE commentvalue FROM PUBLIC;
REVOKE ALL ON TABLE commentvalue FROM pguser;
GRANT ALL ON TABLE commentvalue TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE commentvalue TO PUBLIC;

--
-- Name: counties; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE counties FROM PUBLIC;
REVOKE ALL ON TABLE counties FROM pguser;
GRANT ALL ON TABLE counties TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE counties TO PUBLIC;

--
-- Name: country; Type: ACL; Schema: public; Owner: pguser
```

```
--  
  
REVOKE ALL ON TABLE country FROM PUBLIC;  
REVOKE ALL ON TABLE country FROM pguser;  
GRANT ALL ON TABLE country TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE country TO PUBLIC;  
  
--  
-- Name: crest; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE crest FROM PUBLIC;  
REVOKE ALL ON TABLE crest FROM pguser;  
GRANT ALL ON TABLE crest TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE crest TO PUBLIC;  
  
--  
-- Name: datalimits; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE datalimits FROM PUBLIC;  
REVOKE ALL ON TABLE datalimits FROM pguser;  
GRANT ALL ON TABLE datalimits TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE datalimits TO PUBLIC;  
  
--  
-- Name: drain; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE drain FROM PUBLIC;  
REVOKE ALL ON TABLE drain FROM pguser;  
GRANT ALL ON TABLE drain TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE drain TO PUBLIC;  
  
--  
-- Name: fgroup; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE fgroup FROM PUBLIC;  
REVOKE ALL ON TABLE fgroup FROM pguser;  
GRANT ALL ON TABLE fgroup TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE fgroup TO PUBLIC;  
  
--  
-- Name: fgroupseg; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE fgroupseg FROM PUBLIC;  
REVOKE ALL ON TABLE fgroupseg FROM pguser;
```

---

```
GRANT ALL ON TABLE fgroupseg TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE fgroupseg TO PUBLIC;

--
-- Name: flashflood; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE flashflood FROM PUBLIC;
REVOKE ALL ON TABLE flashflood FROM pguser;
GRANT ALL ON TABLE flashflood TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE flashflood TO PUBLIC;

--
-- Name: huc2; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE huc2 FROM PUBLIC;
REVOKE ALL ON TABLE huc2 FROM pguser;
GRANT ALL ON TABLE huc2 TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE huc2 TO PUBLIC;

--
-- Name: huc4; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE huc4 FROM PUBLIC;
REVOKE ALL ON TABLE huc4 FROM pguser;
GRANT ALL ON TABLE huc4 TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE huc4 TO PUBLIC;

--
-- Name: huc6; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE huc6 FROM PUBLIC;
REVOKE ALL ON TABLE huc6 FROM pguser;
GRANT ALL ON TABLE huc6 TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE huc6 TO PUBLIC;

--
-- Name: huc8; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE huc8 FROM PUBLIC;
REVOKE ALL ON TABLE huc8 FROM pguser;
GRANT ALL ON TABLE huc8 TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE huc8 TO PUBLIC;
```

---

```
--
-- Name: ingestfilter; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE ingestfilter FROM PUBLIC;
REVOKE ALL ON TABLE ingestfilter FROM pguser;
GRANT ALL ON TABLE ingestfilter TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE ingestfilter TO PUBLIC;

--

-- Name: location; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE "location" FROM PUBLIC;
REVOKE ALL ON TABLE "location" FROM pguser;
GRANT ALL ON TABLE "location" TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE "location" TO PUBLIC;

--

-- Name: locdatalimits; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE locdatalimits FROM PUBLIC;
REVOKE ALL ON TABLE locdatalimits FROM pguser;
GRANT ALL ON TABLE locdatalimits TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE locdatalimits TO PUBLIC;

--

-- Name: modaeicqn; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modaeicqn FROM PUBLIC;
REVOKE ALL ON TABLE modaeicqn FROM pguser;
GRANT ALL ON TABLE modaeicqn TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modaeicqn TO PUBLIC;

--

-- Name: modaescchnng; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modaescchnng FROM PUBLIC;
REVOKE ALL ON TABLE modaescchnng FROM pguser;
GRANT ALL ON TABLE modaescchnng TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modaescchnng TO PUBLIC;

--

-- Name: modaiadj; Type: ACL; Schema: public; Owner: pguser
--
```

---

```
REVOKE ALL ON TABLE modaiadj FROM PUBLIC;
REVOKE ALL ON TABLE modaiadj FROM pguser;
GRANT ALL ON TABLE modaiadj TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modaiadj TO PUBLIC;

--
-- Name: modapicbasf; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modapicbasf FROM PUBLIC;
REVOKE ALL ON TABLE modapicbasf FROM pguser;
GRANT ALL ON TABLE modapicbasf TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modapicbasf TO PUBLIC;

--
-- Name: modapicco; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modapicco FROM PUBLIC;
REVOKE ALL ON TABLE modapicco FROM pguser;
GRANT ALL ON TABLE modapicco TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modapicco TO PUBLIC;

--
-- Name: modbublshft; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modbublshft FROM PUBLIC;
REVOKE ALL ON TABLE modbublshft FROM pguser;
GRANT ALL ON TABLE modbublshft TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modbublshft TO PUBLIC;

--
-- Name: modchblend; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modchblend FROM PUBLIC;
REVOKE ALL ON TABLE modchblend FROM pguser;
GRANT ALL ON TABLE modchblend TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modchblend TO PUBLIC;

--
-- Name: modctrl; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modctrl FROM PUBLIC;
REVOKE ALL ON TABLE modctrl FROM pguser;
GRANT ALL ON TABLE modctrl TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modctrl TO PUBLIC;
```



```
--
-- Name: modignorets; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modignorets FROM PUBLIC;
REVOKE ALL ON TABLE modignorets FROM pguser;
GRANT ALL ON TABLE modignorets TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modignorets TO PUBLIC;

--
-- Name: modmatchng; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modmatchng FROM PUBLIC;
REVOKE ALL ON TABLE modmatchng FROM pguser;
GRANT ALL ON TABLE modmatchng TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modmatchng TO PUBLIC;

--
-- Name: modmfc; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modmfc FROM PUBLIC;
REVOKE ALL ON TABLE modmfc FROM pguser;
GRANT ALL ON TABLE modmfc TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modmfc TO PUBLIC;

--
-- Name: modqcshift; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modqcshift FROM PUBLIC;
REVOKE ALL ON TABLE modqcshift FROM pguser;
GRANT ALL ON TABLE modqcshift TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modqcshift TO PUBLIC;

--
-- Name: modqpshift; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modqpshift FROM PUBLIC;
REVOKE ALL ON TABLE modqpshift FROM pguser;
GRANT ALL ON TABLE modqpshift TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modqpshift TO PUBLIC;

--
-- Name: modrainsnow; Type: ACL; Schema: public; Owner: pguser
```

```
--  
  
REVOKE ALL ON TABLE modrainsnow FROM PUBLIC;  
REVOKE ALL ON TABLE modrainsnow FROM pguser;  
GRANT ALL ON TABLE modrainsnow TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modrainsnow TO PUBLIC;  
  
--  
-- Name: modrochng; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE modrochng FROM PUBLIC;  
REVOKE ALL ON TABLE modrochng FROM pguser;  
GRANT ALL ON TABLE modrochng TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modrochng TO PUBLIC;  
  
--  
-- Name: modromult; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE modromult FROM PUBLIC;  
REVOKE ALL ON TABLE modromult FROM pguser;  
GRANT ALL ON TABLE modromult TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modromult TO PUBLIC;  
  
--  
-- Name: modrrichng; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE modrrichng FROM PUBLIC;  
REVOKE ALL ON TABLE modrrichng FROM pguser;  
GRANT ALL ON TABLE modrrichng TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modrrichng TO PUBLIC;  
  
--  
-- Name: modrrimult; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE modrrimult FROM PUBLIC;  
REVOKE ALL ON TABLE modrrimult FROM pguser;  
GRANT ALL ON TABLE modrrimult TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modrrimult TO PUBLIC;  
  
--  
-- Name: modsacbasef; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE modsacbasef FROM PUBLIC;  
REVOKE ALL ON TABLE modsacbasef FROM pguser;
```

---

```
GRANT ALL ON TABLE modsacbasef TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modsacbasef TO PUBLIC;

--
-- Name: modsacco; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modsacco FROM PUBLIC;
REVOKE ALL ON TABLE modsacco FROM pguser;
GRANT ALL ON TABLE modsacco TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modsacco TO PUBLIC;

--
-- Name: modsetmsng; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modsetmsng FROM PUBLIC;
REVOKE ALL ON TABLE modsetmsng FROM pguser;
GRANT ALL ON TABLE modsetmsng TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modsetmsng TO PUBLIC;

--
-- Name: modsetqmean; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modsetqmean FROM PUBLIC;
REVOKE ALL ON TABLE modsetqmean FROM pguser;
GRANT ALL ON TABLE modsetqmean TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modsetqmean TO PUBLIC;

--
-- Name: modssarreg; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modssarreg FROM PUBLIC;
REVOKE ALL ON TABLE modssarreg FROM pguser;
GRANT ALL ON TABLE modssarreg TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modssarreg TO PUBLIC;

--
-- Name: modswitchts; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modswitchts FROM PUBLIC;
REVOKE ALL ON TABLE modswitchts FROM pguser;
GRANT ALL ON TABLE modswitchts TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modswitchts TO PUBLIC;
```

---

```
--
-- Name: modtsadd; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modtsadd FROM PUBLIC;
REVOKE ALL ON TABLE modtsadd FROM pguser;
GRANT ALL ON TABLE modtsadd TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modtsadd TO PUBLIC;

--

-- Name: modtschng; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modtschng FROM PUBLIC;
REVOKE ALL ON TABLE modtschng FROM pguser;
GRANT ALL ON TABLE modtschng TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modtschng TO PUBLIC;

--

-- Name: modtsmult; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modtsmult FROM PUBLIC;
REVOKE ALL ON TABLE modtsmult FROM pguser;
GRANT ALL ON TABLE modtsmult TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modtsmult TO PUBLIC;

--

-- Name: modtsrepl; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modtsrepl FROM PUBLIC;
REVOKE ALL ON TABLE modtsrepl FROM pguser;
GRANT ALL ON TABLE modtsrepl TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modtsrepl TO PUBLIC;

--

-- Name: moduadj; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE moduadj FROM PUBLIC;
REVOKE ALL ON TABLE moduadj FROM pguser;
GRANT ALL ON TABLE moduadj TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE moduadj TO PUBLIC;

--

-- Name: moduhgadj; Type: ACL; Schema: public; Owner: pguser
--
```

---

```
REVOKE ALL ON TABLE moduhgadj FROM PUBLIC;
REVOKE ALL ON TABLE moduhgadj FROM pguser;
GRANT ALL ON TABLE moduhgadj TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE moduhgadj TO PUBLIC;

--
-- Name: moduhgchng; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE moduhgchng FROM PUBLIC;
REVOKE ALL ON TABLE moduhgchng FROM pguser;
GRANT ALL ON TABLE moduhgchng TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE moduhgchng TO PUBLIC;

--
-- Name: modweadd; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modweadd FROM PUBLIC;
REVOKE ALL ON TABLE modweadd FROM pguser;
GRANT ALL ON TABLE modweadd TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modweadd TO PUBLIC;

--
-- Name: modwechnng; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modwechnng FROM PUBLIC;
REVOKE ALL ON TABLE modwechnng FROM pguser;
GRANT ALL ON TABLE modwechnng TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modwechnng TO PUBLIC;

--
-- Name: modxinco; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modxinco FROM PUBLIC;
REVOKE ALL ON TABLE modxinco FROM pguser;
GRANT ALL ON TABLE modxinco TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modxinco TO PUBLIC;

--
-- Name: modzerodiff; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modzerodiff FROM PUBLIC;
REVOKE ALL ON TABLE modzerodiff FROM pguser;
GRANT ALL ON TABLE modzerodiff TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE modzerodiff TO PUBLIC;
```

---

```
--
-- Name: ofsdatatrans; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE ofsdatatrans FROM PUBLIC;
REVOKE ALL ON TABLE ofsdatatrans FROM pguser;
GRANT ALL ON TABLE ofsdatatrans TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE ofsdatatrans TO PUBLIC;

--

-- Name: ofsstntrans; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE ofsstntrans FROM PUBLIC;
REVOKE ALL ON TABLE ofsstntrans FROM pguser;
GRANT ALL ON TABLE ofsstntrans TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE ofsstntrans TO PUBLIC;

--

-- Name: operapicont; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE operapicont FROM PUBLIC;
REVOKE ALL ON TABLE operapicont FROM pguser;
GRANT ALL ON TABLE operapicont TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE operapicont TO PUBLIC;

--

-- Name: operacsma; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE operacsma FROM PUBLIC;
REVOKE ALL ON TABLE operacsma FROM pguser;
GRANT ALL ON TABLE operacsma TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE operacsma TO PUBLIC;

--

-- Name: opersnow17; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE opersnow17 FROM PUBLIC;
REVOKE ALL ON TABLE opersnow17 FROM pguser;
GRANT ALL ON TABLE opersnow17 TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE opersnow17 TO PUBLIC;

--

-- Name: opertype; Type: ACL; Schema: public; Owner: pguser
```

```
--  
  
REVOKE ALL ON TABLE opertype FROM PUBLIC;  
REVOKE ALL ON TABLE opertype FROM pguser;  
GRANT ALL ON TABLE opertype TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE opertype TO PUBLIC;  
  
--  
-- Name: operunithg; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE operunithg FROM PUBLIC;  
REVOKE ALL ON TABLE operunithg FROM pguser;  
GRANT ALL ON TABLE operunithg TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE operunithg TO PUBLIC;  
  
--  
-- Name: pairedvalues; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE pairedvalues FROM PUBLIC;  
REVOKE ALL ON TABLE pairedvalues FROM pguser;  
GRANT ALL ON TABLE pairedvalues TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pairedvalues TO PUBLIC;  
  
--  
-- Name: pocrsep; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE pocrsep FROM PUBLIC;  
REVOKE ALL ON TABLE pocrsep FROM pguser;  
GRANT ALL ON TABLE pocrsep TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pocrsep TO PUBLIC;  
  
--  
-- Name: pedcsep; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE pedcsep FROM PUBLIC;  
REVOKE ALL ON TABLE pedcsep FROM pguser;  
GRANT ALL ON TABLE pedcsep TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pedcsep TO PUBLIC;  
  
--  
-- Name: pedfsep; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE pedfsep FROM PUBLIC;  
REVOKE ALL ON TABLE pedfsep FROM pguser;
```

---

```
GRANT ALL ON TABLE pedfsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pedfsep TO PUBLIC;

--
-- Name: pedpsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE pedpsep FROM PUBLIC;
REVOKE ALL ON TABLE pedpsep FROM pguser;
GRANT ALL ON TABLE pedpsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pedpsep TO PUBLIC;

--
-- Name: pedrsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE pedrsep FROM PUBLIC;
REVOKE ALL ON TABLE pedrsep FROM pguser;
GRANT ALL ON TABLE pedrsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pedrsep TO PUBLIC;

--
-- Name: pehfsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE pehfsep FROM PUBLIC;
REVOKE ALL ON TABLE pehfsep FROM pguser;
GRANT ALL ON TABLE pehfsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pehfsep TO PUBLIC;

--
-- Name: pehpsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE pehpsep FROM PUBLIC;
REVOKE ALL ON TABLE pehpsep FROM pguser;
GRANT ALL ON TABLE pehpsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pehpsep TO PUBLIC;

--
-- Name: peirsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE peirsep FROM PUBLIC;
REVOKE ALL ON TABLE peirsep FROM pguser;
GRANT ALL ON TABLE peirsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE peirsep TO PUBLIC;
```



---

```
--
-- Name: pempsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE pempsep FROM PUBLIC;
REVOKE ALL ON TABLE pempsep FROM pguser;
GRANT ALL ON TABLE pempsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pempsep TO PUBLIC;

--
-- Name: pemrsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE pemrsep FROM PUBLIC;
REVOKE ALL ON TABLE pemrsep FROM pguser;
GRANT ALL ON TABLE pemrsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pemrsep TO PUBLIC;

--
-- Name: peoosep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE peoosep FROM PUBLIC;
REVOKE ALL ON TABLE peoosep FROM pguser;
GRANT ALL ON TABLE peoosep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE peoosep TO PUBLIC;

--
-- Name: peqfsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE peqfsep FROM PUBLIC;
REVOKE ALL ON TABLE peqfsep FROM pguser;
GRANT ALL ON TABLE peqfsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE peqfsep TO PUBLIC;

--
-- Name: peqpsep; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE peqpsep FROM PUBLIC;
REVOKE ALL ON TABLE peqpsep FROM pguser;
GRANT ALL ON TABLE peqpsep TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE peqpsep TO PUBLIC;

--
-- Name: pos; Type: ACL; Schema: public; Owner: pguser
--
```

---

```
REVOKE ALL ON TABLE pos FROM PUBLIC;
REVOKE ALL ON TABLE pos FROM pguser;
GRANT ALL ON TABLE pos TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE pos TO PUBLIC;

--
-- Name: prod; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE prod FROM PUBLIC;
REVOKE ALL ON TABLE prod FROM pguser;
GRANT ALL ON TABLE prod TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE prod TO PUBLIC;

--
-- Name: qadjust; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE qadjust FROM PUBLIC;
REVOKE ALL ON TABLE qadjust FROM pguser;
GRANT ALL ON TABLE qadjust TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE qadjust TO PUBLIC;

--
-- Name: rating; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE rating FROM PUBLIC;
REVOKE ALL ON TABLE rating FROM pguser;
GRANT ALL ON TABLE rating TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE rating TO PUBLIC;

--
-- Name: ratingshift; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE ratingshift FROM PUBLIC;
REVOKE ALL ON TABLE ratingshift FROM pguser;
GRANT ALL ON TABLE ratingshift TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE ratingshift TO PUBLIC;

--
-- Name: reservoir; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE reservoir FROM PUBLIC;
REVOKE ALL ON TABLE reservoir FROM pguser;
GRANT ALL ON TABLE reservoir TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE reservoir TO PUBLIC;
```

```
--
-- Name: rfc; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE rfc FROM PUBLIC;
REVOKE ALL ON TABLE rfc FROM pguser;
GRANT ALL ON TABLE rfc TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE rfc TO PUBLIC;

--
-- Name: rivercrit; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE rivercrit FROM PUBLIC;
REVOKE ALL ON TABLE rivercrit FROM pguser;
GRANT ALL ON TABLE rivercrit TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE rivercrit TO PUBLIC;

--
-- Name: seg; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE seg FROM PUBLIC;
REVOKE ALL ON TABLE seg FROM pguser;
GRANT ALL ON TABLE seg TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE seg TO PUBLIC;

--
-- Name: segoper; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE segoper FROM PUBLIC;
REVOKE ALL ON TABLE segoper FROM pguser;
GRANT ALL ON TABLE segoper TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE segoper TO PUBLIC;

--
-- Name: sensok; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE sensok FROM PUBLIC;
REVOKE ALL ON TABLE sensok FROM pguser;
GRANT ALL ON TABLE sensok TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE sensok TO PUBLIC;

--
-- Name: shefdur; Type: ACL; Schema: public; Owner: pguser
```

```
--  
  
REVOKE ALL ON TABLE shefdur FROM PUBLIC;  
REVOKE ALL ON TABLE shefdur FROM pguser;  
GRANT ALL ON TABLE shefdur TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE shefdur TO PUBLIC;  
  
--  
-- Name: shefex; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE shefex FROM PUBLIC;  
REVOKE ALL ON TABLE shefex FROM pguser;  
GRANT ALL ON TABLE shefex TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE shefex TO PUBLIC;  
  
--  
-- Name: shefpe; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE shefpe FROM PUBLIC;  
REVOKE ALL ON TABLE shefpe FROM pguser;  
GRANT ALL ON TABLE shefpe TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE shefpe TO PUBLIC;  
  
--  
-- Name: shefpel; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE shefpel FROM PUBLIC;  
REVOKE ALL ON TABLE shefpel FROM pguser;  
GRANT ALL ON TABLE shefpel TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE shefpel TO PUBLIC;  
  
--  
-- Name: shefpetrans; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE shefpetrans FROM PUBLIC;  
REVOKE ALL ON TABLE shefpetrans FROM pguser;  
GRANT ALL ON TABLE shefpetrans TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE shefpetrans TO PUBLIC;  
  
--  
-- Name: shefprob; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE shefprob FROM PUBLIC;  
REVOKE ALL ON TABLE shefprob FROM pguser;
```

---

```
GRANT ALL ON TABLE shefprob TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE shefprob TO PUBLIC;

--
-- Name: shefqc; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE shefqc FROM PUBLIC;
REVOKE ALL ON TABLE shefqc FROM pguser;
GRANT ALL ON TABLE shefqc TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE shefqc TO PUBLIC;

--
-- Name: shefts; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE shefts FROM PUBLIC;
REVOKE ALL ON TABLE shefts FROM pguser;
GRANT ALL ON TABLE shefts TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE shefts TO PUBLIC;

--
-- Name: slopeprofile; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE slopeprofile FROM PUBLIC;
REVOKE ALL ON TABLE slopeprofile FROM pguser;
GRANT ALL ON TABLE slopeprofile TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE slopeprofile TO PUBLIC;

--
-- Name: state; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE state FROM PUBLIC;
REVOKE ALL ON TABLE state FROM pguser;
GRANT ALL ON TABLE state TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE state TO PUBLIC;

--
-- Name: statesapicont; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE statesapicont FROM PUBLIC;
REVOKE ALL ON TABLE statesapicont FROM pguser;
GRANT ALL ON TABLE statesapicont TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE statesapicont TO PUBLIC;
```

---

```
--
-- Name: statessacsma; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE statessacsma FROM PUBLIC;
REVOKE ALL ON TABLE statessacsma FROM pguser;
GRANT ALL ON TABLE statessacsma TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE statessacsma TO PUBLIC;

--

-- Name: statessnow17; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE statessnow17 FROM PUBLIC;
REVOKE ALL ON TABLE statessnow17 FROM pguser;
GRANT ALL ON TABLE statessnow17 TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE statessnow17 TO PUBLIC;

--

-- Name: swsmaill; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE swsmaill FROM PUBLIC;
REVOKE ALL ON TABLE swsmaill FROM pguser;
GRANT ALL ON TABLE swsmaill TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE swsmaill TO PUBLIC;

--

-- Name: unkstnvalue; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE unkstnvalue FROM PUBLIC;
REVOKE ALL ON TABLE unkstnvalue FROM pguser;
GRANT ALL ON TABLE unkstnvalue TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE unkstnvalue TO PUBLIC;

--

-- Name: vaddadjust; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE vaddadjust FROM PUBLIC;
REVOKE ALL ON TABLE vaddadjust FROM pguser;
GRANT ALL ON TABLE vaddadjust TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE vaddadjust TO PUBLIC;

--

-- Name: vfyfypairs; Type: ACL; Schema: public; Owner: pguser
--
```

---

```
REVOKE ALL ON TABLE vfyypairs FROM PUBLIC;
REVOKE ALL ON TABLE vfyypairs FROM pguser;
GRANT ALL ON TABLE vfyypairs TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE vfyypairs TO PUBLIC;

--
-- Name: vfyprocpairs; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE vfyprocpairs FROM PUBLIC;
REVOKE ALL ON TABLE vfyprocpairs FROM pguser;
GRANT ALL ON TABLE vfyprocpairs TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE vfyprocpairs TO PUBLIC;

--
-- Name: vfyruninfo; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE vfyruninfo FROM PUBLIC;
REVOKE ALL ON TABLE vfyruninfo FROM pguser;
GRANT ALL ON TABLE vfyruninfo TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE vfyruninfo TO PUBLIC;

--
-- Name: wfo_hsa; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE wfo_hsa FROM PUBLIC;
REVOKE ALL ON TABLE wfo_hsa FROM pguser;
GRANT ALL ON TABLE wfo_hsa TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE wfo_hsa TO PUBLIC;

--
-- Name: wsequation; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE wsequation FROM PUBLIC;
REVOKE ALL ON TABLE wsequation FROM pguser;
GRANT ALL ON TABLE wsequation TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE wsequation TO PUBLIC;

--
-- Name: wsfkst; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE wsfkst FROM PUBLIC;
REVOKE ALL ON TABLE wsfkst FROM pguser;
GRANT ALL ON TABLE wsfkst TO pguser;
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE wsfkst TO PUBLIC;
```

```
--  
-- Name: wshistorical; Type: ACL; Schema: public; Owner: pguser  
--  
REVOKE ALL ON TABLE wshistorical FROM PUBLIC;  
REVOKE ALL ON TABLE wshistorical FROM pguser;  
GRANT ALL ON TABLE wshistorical TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE wshistorical TO PUBLIC;  
  
--  
-- Name: wsperstats; Type: ACL; Schema: public; Owner: pguser  
--  
REVOKE ALL ON TABLE wsperstats FROM PUBLIC;  
REVOKE ALL ON TABLE wsperstats FROM pguser;  
GRANT ALL ON TABLE wsperstats TO pguser;  
GRANT SELECT,INSERT,DELETE,UPDATE ON TABLE wsperstats TO PUBLIC;  
  
--  
-- PostgreSQL database dump complete  
--
```