

Appendix A - Database Schema

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

SET client_encoding = 'SQL_ASCII';
SET check_function_bodies = false;

SET SESSION AUTHORIZATION 'postgres';

--
-- TOC entry 4 (OID 2200)
-- Name: public; Type: ACL; Schema: -; Owner: postgres
--

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

SET SESSION AUTHORIZATION 'pguser';

SET search_path = public, pg_catalog;

--
-- TOC entry 5 (OID 79127980)
-- Name: commentvalue; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 6 (OID 79127980)
```

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

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 7 (OID 79127982)
-- Name: pedcsep; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 8 (OID 79127982)
-- Name: pedcsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 9 (OID 79127984)
-- Name: crest; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 10 (OID 79127984)
-- Name: crest; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 11 (OID 79127986)
-- Name: datalimits; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 12 (OID 79127986)
-- Name: datalimits; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE datalimits FROM PUBLIC;
```

```
GRANT INSERT,SELECT,UPDATE,DELETE ON TABLE datalimits TO PUBLIC;
```

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--  
-- TOC entry 13 (OID 79127988)  
-- Name: wfo_hsa; Type: TABLE; Schema: public; Owner: pguser  
--
```

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

```
--  
-- TOC entry 14 (OID 79127988)  
-- Name: wfo_hsa; Type: ACL; Schema: public; Owner: pguser  
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--  
-- TOC entry 15 (OID 79127990)  
-- Name: location; Type: TABLE; Schema: public; Owner: pguser  
--
```

```
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)  
);
```

```
--
-- TOC entry 16 (OID 79127990)
-- Name: location; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 17 (OID 79127992)
-- Name: agency; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE agency (
    agcode character varying(6) NOT NULL,
    agloc character varying(3) NOT NULL,
    des character varying(20)
);

--
-- TOC entry 18 (OID 79127992)
-- Name: agency; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 19 (OID 79127994)
-- Name: ofsdatatrans; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE ofsdatatrans (
    pe1 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
);

--
-- TOC entry 20 (OID 79127994)
-- Name: ofsdatatrans; Type: ACL; Schema: public; Owner: pguser
```

```
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 21 (OID 79127996)
-- Name: ofsstntrans; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 22 (OID 79127996)
-- Name: ofsstntrans; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 23 (OID 79127998)
-- Name: pairedvalues; Type: TABLE; Schema: public; Owner: pguser
--

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
    );

--
-- TOC entry 24 (OID 79127998)
-- Name: pairedvalues; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 25 (OID 79128000)
-- Name: rfc; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 26 (OID 79128000)
-- Name: rfc; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 27 (OID 79128002)
-- Name: shefdur; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 28 (OID 79128002)
-- Name: shefdur; Type: ACL; Schema: public; Owner: pguser
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 29 (OID 79128004)
-- Name: shefex; Type: TABLE; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 30 (OID 79128004)
-- Name: shefex; Type: ACL; Schema: public; Owner: pguser
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 31 (OID 79128006)
-- Name: shefpe; Type: TABLE; Schema: public; Owner: pguser
--
```

```
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)
);
```

```
--
-- TOC entry 32 (OID 79128006)
-- Name: shefpe; Type: ACL; Schema: public; Owner: pguser
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```



```
--
-- TOC entry 33 (OID 79128008)
-- Name: shefprob; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 34 (OID 79128008)
-- Name: shefprob; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 35 (OID 79128010)
-- Name: shefqc; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 36 (OID 79128010)
-- Name: shefqc; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 37 (OID 79128012)
-- Name: shefts; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE shefts (
    t character(1) NOT NULL,
    s character(1) NOT NULL,
```

```
        name character varying(20)
    );

--
-- TOC entry 38 (OID 79128012)
-- Name: shefts; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 39 (OID 79128014)
-- Name: aliasid; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE aliasid (
    altid character varying(16) NOT NULL,
    lid character varying(8) NOT NULL,
    ag character varying(6),
    agloc character varying(3)
);

--
-- TOC entry 40 (OID 79128014)
-- Name: aliasid; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 41 (OID 79128016)
-- Name: area; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE area (
    lid character varying(8) NOT NULL,
    descr character varying(20)
);

--
-- TOC entry 42 (OID 79128016)
-- Name: area; Type: ACL; Schema: public; Owner: pguser
--
```

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 43 (OID 79128018)
-- Name: areasens; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 44 (OID 79128018)
-- Name: areasens; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 45 (OID 79128025)
-- Name: avg; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 46 (OID 79128025)
-- Name: avg; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 47 (OID 79128027)
-- Name: pedpsep; Type: TABLE; Schema: public; Owner: pguser
--

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)
    );

--
-- TOC entry 48 (OID 79128027)
-- Name: pedpsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 49 (OID 79128029)
-- Name: pehfsep; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 50 (OID 79128029)
-- Name: pehfsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 51 (OID 79128031)
-- Name: peqfsep; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 52 (OID 79128031)
-- Name: peqfsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 53 (OID 79128033)
-- Name: pehpsep; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 54 (OID 79128033)
-- Name: pehpsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';
```

```
--  
-- TOC entry 55 (OID 79128035)  
-- Name: peqpsep; Type: TABLE; Schema: public; Owner: pguser  
--
```

```
CREATE TABLE peqpsep (  
    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)  
);
```

```
--  
-- TOC entry 56 (OID 79128035)  
-- Name: peqpsep; Type: ACL; Schema: public; Owner: pguser  
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--  
-- TOC entry 57 (OID 79128037)  
-- Name: pempsep; Type: TABLE; Schema: public; Owner: pguser  
--
```

```
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)
);

--
-- TOC entry 58 (OID 79128037)
-- Name: pempsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 59 (OID 79128039)
-- Name: cgroup; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 60 (OID 79128039)
```

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

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 61 (OID 79128041)
-- Name: drain; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 62 (OID 79128041)
-- Name: drain; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 63 (OID 79128043)
-- Name: fgroup; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 64 (OID 79128043)
-- Name: fgroup; Type: ACL; Schema: public; Owner: pguser
--

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

```
SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 65 (OID 79128045)
-- Name: fgroupseg; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 66 (OID 79128045)
-- Name: fgroupseg; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 67 (OID 79128047)
-- Name: flashflood; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 68 (OID 79128047)
-- Name: flashflood; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 69 (OID 79128049)
-- Name: huc2; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 70 (OID 79128049)
-- Name: huc2; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 71 (OID 79128051)
-- Name: huc4; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE huc4 (
    code4 character(4) NOT NULL,
```

```
        code12 character(2) NOT NULL,
        code34 character(2) NOT NULL,
        dessubreg character(60) NOT NULL
    );

--
-- TOC entry 72 (OID 79128051)
-- Name: huc4; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 73 (OID 79128053)
-- Name: huc6; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 74 (OID 79128053)
-- Name: huc6; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 75 (OID 79128055)
-- Name: huc8; Type: TABLE; Schema: public; Owner: pguser
--

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,
    descacat character(60) NOT NULL
```

```
);

--
-- TOC entry 76 (OID 79128055)
-- Name: huc8; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 77 (OID 79128057)
-- Name: opersnow17; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE opersnow17 (
    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 0.050000000000000000,
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 1.000000000000000000,
updtwe double precision DEFAULT 0.000000000000000000,
updtcov double precision DEFAULT 0.000000000000000000
);
```

```
--
-- TOC entry 78 (OID 79128057)
```

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

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 79 (OID 79128071)
-- Name: opersacsma; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE opersacsma (
    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,
    uzsk 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,
    lzfsm double precision,
    lzfpd double precision,
    lzsk double precision,
    lzpk double precision,
    pfree double precision,
    rserv double precision,
    side double precision,
    etjan double precision,
    etfeb double precision,
    etmar double precision,
    etapr double precision,
    etmay double precision,
    etjun double precision,
    etjul double precision,
    etaug double precision,
    etsep double precision,
    etoct double precision,
    etnov double precision,
    etdec double precision
);
```

```
--
-- TOC entry 80 (OID 79128071)
-- Name: opsacsma; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 81 (OID 79128073)
-- Name: opertype; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 82 (OID 79128073)
-- Name: opertype; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 83 (OID 79128075)
-- Name: pos; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 84 (OID 79128075)
-- Name: pos; Type: ACL; Schema: public; Owner: pguser
--

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

```
SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 85 (OID 79128077)
-- Name: prod; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 86 (OID 79128077)
-- Name: prod; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 87 (OID 79128079)
-- Name: qadjust; Type: TABLE; Schema: public; Owner: pguser
--

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)
    );

--
-- TOC entry 88 (OID 79128079)
-- Name: qadjust; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 89 (OID 79128081)
-- Name: pemrsep; Type: TABLE; Schema: public; Owner: pguser
--

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)
    );

--
-- TOC entry 90 (OID 79128081)
-- Name: pemrsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 91 (OID 79128083)
-- Name: seg; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE seg (
    segid character varying(8) NOT NULL,
    descr character(20),
    numoper integer,
    compint integer,
    note1 character(50),
    note2 character(50),
    note3 character(50),
    note4 character(50)
);

--
-- TOC entry 92 (OID 79128083)
-- Name: seg; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 93 (OID 79128085)
-- Name: segoper; Type: TABLE; Schema: public; Owner: pguser
--

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
    );

--
-- TOC entry 94 (OID 79128085)
-- Name: segoper; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 95 (OID 79128087)
-- Name: sensok; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 96 (OID 79128087)
-- Name: sensok; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 97 (OID 79128089)
-- Name: statessacsma; Type: TABLE; Schema: public; Owner: pguser
--

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,
    lzfpd double precision,
    adimc double precision,
    fgix double precision
);

--
-- TOC entry 98 (OID 79128089)
-- Name: statessacsma; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 99 (OID 79128091)
-- Name: statessnow17; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
```



```
-- TOC entry 100 (OID 79128091)
-- Name: statessnow17; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 101 (OID 79128093)
-- Name: swsmail; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 102 (OID 79128093)
-- Name: swsmail; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 103 (OID 79128095)
-- Name: wshistorical; Type: TABLE; Schema: public; Owner: pguser
--

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,
semp 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
);

--
-- TOC entry 104 (OID 79128095)
-- Name: wshistorical; Type: ACL; Schema: public; Owner: pguser
```

```
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 105 (OID 79128097)
-- Name: wsequation; Type: TABLE; Schema: public; Owner: pguser
--

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,
    dgf 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
);

--
-- TOC entry 106 (OID 79128097)
-- Name: wsequation; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 107 (OID 79128099)
-- Name: wsfcst; Type: TABLE; Schema: public; Owner: pguser
--

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,
    dgf double precision,
    cagrx double precision,
    cagrnrn double precision,
    errbounds character(4)
);
```

```
--
-- TOC entry 108 (OID 79128099)
-- Name: wsfcst; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 109 (OID 79128101)
-- Name: wsperstats; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 110 (OID 79128101)
-- Name: wsperstats; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 111 (OID 79128103)
-- Name: country; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE country (
    country character varying(20) NOT NULL,
    countryfips character(2) NOT NULL
);

--
-- TOC entry 112 (OID 79128103)
-- Name: country; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 113 (OID 79128105)
-- Name: rivercrit; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE rivercrit (
    lid character varying(8) NOT NULL,
    pe1 character(1) NOT NULL,
    pe2 character(1) NOT NULL,
    vdtime 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)
);

--
-- TOC entry 114 (OID 79128105)
-- Name: rivercrit; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
```



```
-- TOC entry 115 (OID 79128107)
-- Name: slopeprofile; Type: TABLE; Schema: public; Owner: pguser
--
```

```
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
    );

--
-- TOC entry 116 (OID 79128107)
-- Name: slopeprofile; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 117 (OID 79128109)
-- Name: vaddadjust; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 118 (OID 79128109)
-- Name: vaddadjust; Type: ACL; Schema: public; Owner: pguser
--

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

```
SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 119 (OID 79128111)
-- Name: modctrl; Type: TABLE; Schema: public; Owner: pguser
--

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

--
-- TOC entry 120 (OID 79128111)
-- Name: modctrl; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 121 (OID 79128113)
-- Name: modaescchng; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE modaescchng (
    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
);

--
-- TOC entry 122 (OID 79128113)
-- Name: modaescchng; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 123 (OID 79128118)
-- Name: modchgbblend; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 124 (OID 79128118)
-- Name: modchgbblend; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 125 (OID 79128123)
-- Name: modignorets; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 126 (OID 79128123)
-- Name: modignorets; Type: ACL; Schema: public; Owner: pguser
--

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

```
SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 127 (OID 79128129)
-- Name: modmfc; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 128 (OID 79128129)
-- Name: modmfc; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 129 (OID 79128134)
-- Name: modrainsnow; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 130 (OID 79128134)
-- Name: modrainsnow; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modrainsnow FROM PUBLIC;
```

```
GRANT INSERT,SELECT,UPDATE,DELETE ON TABLE modrainsnow TO PUBLIC;
```

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--  
-- TOC entry 131 (OID 79128139)  
-- Name: modromult; Type: TABLE; Schema: public; Owner: pguser  
--
```

```
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  
);
```

```
--  
-- TOC entry 132 (OID 79128139)  
-- Name: modromult; Type: ACL; Schema: public; Owner: pguser  
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--  
-- TOC entry 133 (OID 79128144)  
-- Name: modrrimult; Type: TABLE; Schema: public; Owner: pguser  
--
```

```
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  
);
```

```
--  
-- TOC entry 134 (OID 79128144)
```

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

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 135 (OID 79128149)
-- Name: modsacbasef; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 136 (OID 79128149)
-- Name: modsacbasef; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 137 (OID 79128154)
-- Name: modsacco; Type: TABLE; Schema: public; Owner: pguser
--

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 'LZFPC'::character varying NOT
NULL,
    sdate timestamp without time zone NOT NULL,
    rdate timestamp without time zone,
    modvalue double precision
);
```

```
--
-- TOC entry 138 (OID 79128154)
-- Name: modsacco; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 139 (OID 79128160)
-- Name: modsetmsng; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 140 (OID 79128160)
-- Name: modsetmsng; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 141 (OID 79128162)
-- Name: modsetqmean; Type: TABLE; Schema: public; Owner: pguser
--

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
);
```



```
--
-- TOC entry 142 (OID 79128162)
-- Name: modsetqmean; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 143 (OID 79128166)
-- Name: moduadj; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 144 (OID 79128166)
-- Name: moduadj; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 145 (OID 79128171)
-- Name: moduhgadj; Type: TABLE; Schema: public; Owner: pguser
--

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
    );

--
-- TOC entry 146 (OID 79128171)
-- Name: moduhgadj; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 147 (OID 79128177)
-- Name: modweadd; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 148 (OID 79128177)
-- Name: modweadd; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 149 (OID 79128182)
-- Name: modwechng; Type: TABLE; Schema: public; Owner: pguser
--

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
    );

--
-- TOC entry 150 (OID 79128182)
-- Name: modwechng; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 151 (OID 79128187)
-- Name: modzerodiff; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 152 (OID 79128187)
-- Name: modzerodiff; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 153 (OID 79128191)
-- Name: modtsadd; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 154 (OID 79128191)
-- Name: modtsadd; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 155 (OID 79128195)
-- Name: modtsmult; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 156 (OID 79128195)
-- Name: modtsmult; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 157 (OID 79128199)
-- Name: modtsrepl; Type: TABLE; Schema: public; Owner: pguser
```

```
--

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
);

--
-- TOC entry 158 (OID 79128199)
-- Name: modtsrepl; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 159 (OID 79128203)
-- Name: modswitchts; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 160 (OID 79128203)
-- Name: modswitchts; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE modswitchts FROM PUBLIC;
```

```
GRANT INSERT,SELECT,UPDATE,DELETE ON TABLE modswitchts TO PUBLIC;
```

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--  
-- TOC entry 161 (OID 79128209)  
-- Name: modxinco; Type: TABLE; Schema: public; Owner: pguser  
--
```

```
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  
);
```

```
--  
-- TOC entry 162 (OID 79128209)  
-- Name: modxinco; Type: ACL; Schema: public; Owner: pguser  
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--  
-- TOC entry 163 (OID 79128215)  
-- Name: modssarreg; Type: TABLE; Schema: public; Owner: pguser  
--
```

```
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  
);
```

```
--
-- TOC entry 164 (OID 79128215)
-- Name: modssarreg; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 165 (OID 79128220)
-- Name: modbublshft; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 166 (OID 79128220)
-- Name: modbublshft; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 167 (OID 79128224)
-- Name: modqcshift; Type: TABLE; Schema: public; Owner: pguser
--

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
    );

--
-- TOC entry 168 (OID 79128224)
-- Name: modqcshift; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 169 (OID 79128228)
-- Name: modqpshift; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 170 (OID 79128228)
-- Name: modqpshift; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 171 (OID 79128232)
-- Name: modrochng; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE modrochng (
    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
    );

--
-- TOC entry 172 (OID 79128232)
-- Name: modrochnng; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 173 (OID 79128237)
-- Name: modaeicqn; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 174 (OID 79128237)
-- Name: modaeicqn; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 175 (OID 79128242)
-- Name: modaiadj; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 176 (OID 79128242)
-- Name: modaiadj; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 177 (OID 79128247)
-- Name: modapicbasf; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 178 (OID 79128247)
-- Name: modapicbasf; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 179 (OID 79128252)
-- Name: modapicco; Type: TABLE; Schema: public; Owner: pguser
--

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
);
```

```
--
-- TOC entry 180 (OID 79128252)
-- Name: modapicco; Type: ACL; Schema: public; Owner: pguser
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 181 (OID 79128258)
-- Name: state; Type: TABLE; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 182 (OID 79128258)
-- Name: state; Type: ACL; Schema: public; Owner: pguser
--
```

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

```
SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 183 (OID 79128260)
-- Name: shefpe1; Type: TABLE; Schema: public; Owner: pguser
--
```

```
CREATE TABLE shefpe1 (
```

```
        pe1 character(1) NOT NULL,
        name character varying(20)
    );

--
-- TOC entry 184 (OID 79128260)
-- Name: shefpe1; Type: ACL; Schema: public; Owner: pguser
--

REVOKE ALL ON TABLE shefpe1 FROM PUBLIC;
GRANT INSERT,SELECT,UPDATE,DELETE ON TABLE shefpe1 TO PUBLIC;

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 185 (OID 79128262)
-- Name: modmatchng; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 186 (OID 79128262)
-- Name: modmatchng; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 187 (OID 79128267)
-- Name: modrrichng; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 188 (OID 79128267)
-- Name: modrrichng; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 189 (OID 79128272)
-- Name: modtschng; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE modtschng (
    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
);

--
-- TOC entry 190 (OID 79128272)
-- Name: modtschng; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 191 (OID 79128276)
-- Name: moduhgchng; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 192 (OID 79128276)
-- Name: moduhgchng; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 193 (OID 79128280)
-- Name: shefpetrans; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 194 (OID 79128280)
-- Name: shefpetrans; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 195 (OID 79128282)
-- Name: locdatalimits; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 196 (OID 79128282)
-- Name: locdatalimits; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 197 (OID 79128284)
-- Name: pedersep; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE pedersep (
    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
);

--
-- TOC entry 198 (OID 79128284)
-- Name: pedrsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 199 (OID 79128286)
-- Name: pedfsep; Type: TABLE; Schema: public; Owner: pguser
--

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,
    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
);

--
-- TOC entry 200 (OID 79128286)
-- Name: pedfsep; Type: ACL; Schema: public; Owner: pguser
--

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



```
SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 201 (OID 79128288)
-- Name: operunithg; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 202 (OID 79128288)
-- Name: operunithg; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 203 (OID 79128290)
-- Name: vfypairs; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE vfypairs (
    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
);
```

```
);

--
-- TOC entry 204 (OID 79128290)
-- Name: vfypairs; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 205 (OID 79128292)
-- Name: pcrsep; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE pcrsep (
    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)
    );

--
-- TOC entry 206 (OID 79128292)
-- Name: pechrsep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 207 (OID 79128294)
-- Name: reservoir; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 208 (OID 79128294)
-- Name: reservoir; Type: ACL; Schema: public; Owner: pguser
--

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

```
SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 209 (OID 79128296)
-- Name: peoosep; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 210 (OID 79128296)
-- Name: peoosep; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 211 (OID 79128298)
-- Name: unkstnvalue; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 212 (OID 79128298)
-- Name: unkstnvalue; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 213 (OID 79128302)
-- Name: counties; Type: TABLE; Schema: public; Owner: pguser
--

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)
);

--
-- TOC entry 214 (OID 79128302)
-- Name: counties; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 215 (OID 79128305)
-- Name: ingestfilter; Type: TABLE; Schema: public; Owner: pguser
--
```



```
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)  
);  
  
--  
-- TOC entry 216 (OID 79128305)  
-- Name: ingestfilter; Type: ACL; Schema: public; Owner: pguser  
--  
  
REVOKE ALL ON TABLE ingestfilter FROM PUBLIC;  
GRANT INSERT,SELECT,UPDATE,DELETE ON TABLE ingestfilter TO PUBLIC;  
  
SET SESSION AUTHORIZATION 'pguser';  
  
--  
-- TOC entry 217 (OID 79128307)  
-- Name: operapicont; Type: TABLE; Schema: public; Owner: pguser  
--  
  
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
);

--
-- TOC entry 218 (OID 79128307)
-- Name: operapicont; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 219 (OID 79128309)
-- Name: statesapicont; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 220 (OID 79128309)
-- Name: statesapicont; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 221 (OID 79128311)
-- Name: adjustfactor; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 222 (OID 79128311)
-- Name: adjustfactor; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';
```

```
--
-- TOC entry 223 (OID 79128313)
-- Name: ratingshift; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 224 (OID 79128313)
-- Name: ratingshift; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 225 (OID 79128315)
-- Name: rating; Type: TABLE; Schema: public; Owner: pguser
--

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
    );

--
-- TOC entry 226 (OID 79128315)
-- Name: rating; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 227 (OID 153177458)
-- Name: vfyprocpairs; Type: TABLE; Schema: public; Owner: pguser
--

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
);

--
-- TOC entry 228 (OID 153177458)
-- Name: vfyprocpairs; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 229 (OID 153177462)
```

```
-- Name: vfyrinfo; Type: TABLE; Schema: public; Owner: pguser
--

CREATE TABLE vfyrinfo (
    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)
);

--
-- TOC entry 230 (OID 153177462)
-- Name: vfyrinfo; Type: ACL; Schema: public; Owner: pguser
--

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

SET SESSION AUTHORIZATION 'pguser';

--
-- TOC entry 231 (OID 91475812)
-- Name: comment_time_ind; Type: INDEX; Schema: public; Owner: pguser
--

CREATE INDEX comment_time_ind ON commentvalue USING btree (basistime);

--
-- TOC entry 234 (OID 91475813)
-- Name: pedcsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--

CREATE INDEX pedcsep_time_ind ON pedcsep USING btree (basistime);

--
-- TOC entry 243 (OID 91475814)
-- Name: pairval_time_ind; Type: INDEX; Schema: public; Owner: pguser
--

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

```
--
-- TOC entry 256 (OID 91475815)
-- Name: pedpsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 258 (OID 91475816)
-- Name: pehfsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 260 (OID 91475817)
-- Name: peqfsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--
```

```
CREATE INDEX peqfsep_time_ind ON peqfsep USING btree (basistime);
```

```
--
-- TOC entry 262 (OID 91475818)
-- Name: pehpsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 264 (OID 91475819)
-- Name: peqpsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--
```

```
CREATE INDEX peqpsep_time_ind ON peqpsep USING btree (obstime);
```

```
--
-- TOC entry 266 (OID 91475820)
-- Name: pempsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--
```

```
CREATE INDEX pempsep_time_ind ON pempsep USING btree (obstime);
```

```
--
-- TOC entry 282 (OID 91475821)
-- Name: pemrsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--
```

```
CREATE INDEX pemsrsep_time_ind ON pemsrsep USING btree (cal_yr);

--
-- TOC entry 335 (OID 91475822)
-- Name: pedsrsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--

CREATE INDEX pedsrsep_time_ind ON pedsrsep USING btree (obstime);

--
-- TOC entry 337 (OID 91475823)
-- Name: pedfsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--

CREATE INDEX pedfsep_time_ind ON pedfsep USING btree (basistime);

--
-- TOC entry 342 (OID 91475824)
-- Name: pecsrsep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--

CREATE INDEX pecsrsep_time_ind ON pecsrsep USING btree (obstime);

--
-- TOC entry 345 (OID 91475825)
-- Name: peoosep_time_ind; Type: INDEX; Schema: public; Owner: pguser
--

CREATE INDEX peoosep_time_ind ON peoosep USING btree (obstime);

--
-- TOC entry 346 (OID 91475826)
-- Name: unkstn_time_ind; Type: INDEX; Schema: public; Owner: pguser
--

CREATE INDEX unkstn_time_ind ON unkstnvalue USING btree (basistime);

--
-- TOC entry 340 (OID 153177481)
-- Name: vfypairs_vtime_ind; Type: INDEX; Schema: public; Owner: pguser
--

CREATE INDEX vfypairs_vtime_ind ON vfypairs USING btree (validtime);

--
-- TOC entry 356 (OID 153177482)
```

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

CREATE INDEX vfyprocpairs_vtime_ind ON vfyprocpairs USING btree
(validtime);

--
-- TOC entry 232 (OID 91475827)
-- Name: commentvalue_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 233 (OID 91475829)
-- Name: pedcsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 235 (OID 91475831)
-- Name: crest_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 236 (OID 91475833)
-- Name: datalimits_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 237 (OID 91475835)
-- Name: wfo_hse_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

```
--
-- TOC entry 238 (OID 91475837)
-- Name: location_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 239 (OID 91475839)
-- Name: agency_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 240 (OID 91475841)
-- Name: ofsdatatrans_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 241 (OID 91475843)
-- Name: ofsstntrans_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 242 (OID 91475845)
-- Name: pairedvalues_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 244 (OID 91475847)
-- Name: rfc_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

--
-- TOC entry 245 (OID 91475849)
-- Name: shefdur_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 246 (OID 91475851)
-- Name: shefex_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 247 (OID 91475853)
-- Name: shefpe_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 248 (OID 91475855)
-- Name: shefprob_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 249 (OID 91475857)
-- Name: shefqc_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 250 (OID 91475859)
-- Name: shefts_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

--
-- TOC entry 251 (OID 91475861)
-- Name: aliasid_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 252 (OID 91475863)
-- Name: area_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 253 (OID 91475865)
-- Name: areasens_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 254 (OID 91475867)
-- Name: avg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 255 (OID 91475869)
-- Name: pedpsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
```

```
-- TOC entry 257 (OID 91475871)
-- Name: pehfsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 259 (OID 91475873)
-- Name: peqfsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 261 (OID 91475875)
-- Name: pehpsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 263 (OID 91475877)
-- Name: peqpsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 265 (OID 91475879)
-- Name: pempsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 267 (OID 91475881)
-- Name: cgroup_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

--
-- TOC entry 268 (OID 91475883)
-- Name: drain_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 269 (OID 91475885)
-- Name: fgroup_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 270 (OID 91475887)
-- Name: fgroupseg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 271 (OID 91475889)
-- Name: huc2_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 272 (OID 91475891)
-- Name: huc4_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 273 (OID 91475893)
-- Name: huc6_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

--
-- TOC entry 274 (OID 91475895)
-- Name: huc8_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 275 (OID 91475897)
-- Name: opersnow17_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 276 (OID 91475899)
-- Name: opersacsma_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY opersacsma
    ADD CONSTRAINT opersacsma_pk PRIMARY KEY (opid, segid);

--
-- TOC entry 277 (OID 91475901)
-- Name: opertype_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 278 (OID 91475903)
-- Name: pos_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 279 (OID 91475905)
-- Name: prod_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

--
-- TOC entry 280 (OID 91475907)
-- Name: qadjust_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 281 (OID 91475909)
-- Name: pemrsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 283 (OID 91475911)
-- Name: seg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 284 (OID 91475913)
-- Name: segoperg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 285 (OID 91475915)
-- Name: sensok_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 286 (OID 91475917)
```

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

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

```
--
-- TOC entry 287 (OID 91475919)
-- Name: statessnow17_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 288 (OID 91475921)
-- Name: swsmaile_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY swsmaile
    ADD CONSTRAINT swsmaile_pk PRIMARY KEY (id);
```

```
--
-- TOC entry 289 (OID 91475923)
-- Name: wshistorical_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 290 (OID 91475925)
-- Name: wsequation_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY wsequation
    ADD CONSTRAINT wsequation_pk PRIMARY KEY (lid, pe1, pe2, dur, idur, t,
s, e, p, bper, eper, pub1, pub2);
```

```
--
-- TOC entry 291 (OID 91475927)
-- Name: wsfcst_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 292 (OID 91475929)
-- Name: wsperstats_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 293 (OID 91475931)
-- Name: rivercrit_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 294 (OID 91475933)
-- Name: slopeprofile_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 295 (OID 91475935)
-- Name: vaddadjust_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 296 (OID 91475937)
-- Name: modctrl_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 297 (OID 91475939)
-- Name: modaescchng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modaescchng
```

```
ADD CONSTRAINT modaescchng_pk PRIMARY KEY (id1, operid, sdate);

--
-- TOC entry 298 (OID 91475941)
-- Name: modchgbblend_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modchgbblend
    ADD CONSTRAINT modchgbblend_pk PRIMARY KEY (id1, operid, sdate);

--
-- TOC entry 299 (OID 91475943)
-- Name: modignorets_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modignorets
    ADD CONSTRAINT modignorets_pk PRIMARY KEY (id1, operid, keyword,
sdate, edate);

--
-- TOC entry 300 (OID 91475945)
-- Name: modmfc_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modmfc
    ADD CONSTRAINT modmfc_pk PRIMARY KEY (id1, operid, sdate, edate);

--
-- TOC entry 301 (OID 91475947)
-- Name: modrainsnow_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modrainsnow
    ADD CONSTRAINT modrainsnow_pk PRIMARY KEY (id1, operid, sdate, edate);

--
-- TOC entry 302 (OID 91475949)
-- Name: modromult_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modromult
    ADD CONSTRAINT modromult_pk PRIMARY KEY (id1, operid, sdate, edate,
vdate);

--
-- TOC entry 303 (OID 91475951)
-- Name: modrrimult_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY modrrimult
    ADD CONSTRAINT modrrimult_pk PRIMARY KEY (id1, operid, sdate, edate,
vdate);

--
-- TOC entry 304 (OID 91475953)
-- Name: modsacbasef_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modsacbasef
    ADD CONSTRAINT modsacbasef_pk PRIMARY KEY (id1, operid, sdate);

--
-- TOC entry 305 (OID 91475955)
-- Name: modsacco_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 306 (OID 91475957)
-- Name: modsetmsng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 307 (OID 91475959)
-- Name: modsetqmean_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 308 (OID 91475961)
-- Name: moduadj_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
```

```
-- TOC entry 309 (OID 91475963)
-- Name: moduhgadj_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 310 (OID 91475965)
-- Name: modweadd_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modweadd
    ADD CONSTRAINT modweadd_pk PRIMARY KEY (id1, operid, sdate);

--
-- TOC entry 311 (OID 91475967)
-- Name: modwechng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modwechng
    ADD CONSTRAINT modwechng_pk PRIMARY KEY (id1, operid, sdate);

--
-- TOC entry 312 (OID 91475969)
-- Name: modzerodiff_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modzerodiff
    ADD CONSTRAINT modzerodiff_pk PRIMARY KEY (id1, operid, sdate);

--
-- TOC entry 313 (OID 91475971)
-- Name: modtsadd_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 314 (OID 91475973)
-- Name: modtsmult_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

```
--
-- TOC entry 315 (OID 91475975)
-- Name: modtsrepl_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 316 (OID 91475977)
-- Name: modswitchts_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 317 (OID 91475979)
-- Name: modxinco_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modxinco
    ADD CONSTRAINT modxinco_pk PRIMARY KEY (id1, operid, keyword, subarea,
sdate);

--
-- TOC entry 318 (OID 91475981)
-- Name: modssarreg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 319 (OID 91475983)
-- Name: modbublshft_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY modbublshft
    ADD CONSTRAINT modbublshft_pk PRIMARY KEY (id1, operid, sdate, edate);

--
-- TOC entry 320 (OID 91475985)
-- Name: modqcshift_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY modqcshift
    ADD CONSTRAINT modqcshift_pk PRIMARY KEY (id1, operid, sdate, edate);
```

```
--
-- TOC entry 321 (OID 91475987)
-- Name: modqpshift_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY modqpshift
    ADD CONSTRAINT modqpshift_pk PRIMARY KEY (id1, operid, sdate, edate);
```

```
--
-- TOC entry 322 (OID 91475989)
-- Name: modrochng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY modrochng
    ADD CONSTRAINT modrochng_pk PRIMARY KEY (id1, operid, sdate, vdate,
slot);
```

```
--
-- TOC entry 323 (OID 91475991)
-- Name: modaiadj_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY modaiadj
    ADD CONSTRAINT modaiadj_pk PRIMARY KEY (id1, operid, sdate);
```

```
--
-- TOC entry 324 (OID 91475993)
-- Name: modapicbasf_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY modapicbasf
    ADD CONSTRAINT modapicbasf_pk PRIMARY KEY (id1, operid, sdate);
```

```
--
-- TOC entry 325 (OID 91475995)
-- Name: modapicco_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY modapicco
    ADD CONSTRAINT modapicco_pk PRIMARY KEY (id1, operid, keyword, sdate);
```

```
--
-- TOC entry 326 (OID 91475997)
-- Name: state_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
```

```
--

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

--
-- TOC entry 327 (OID 91475999)
-- Name: shefpe1_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY shefpe1
    ADD CONSTRAINT shefpe1_pk PRIMARY KEY (pe1);

--
-- TOC entry 328 (OID 91476001)
-- Name: modmatchng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 329 (OID 91476003)
-- Name: modrrichng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 330 (OID 91476005)
-- Name: modtschng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 331 (OID 91476007)
-- Name: moduhgchng_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

ALTER TABLE ONLY moduhgchng
    ADD CONSTRAINT moduhgchng_pk PRIMARY KEY (id1, operid, sdate, slot);
```



```
--
-- TOC entry 332 (OID 91476009)
-- Name: shefpetrans_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 333 (OID 91476011)
-- Name: locdatalimits_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 334 (OID 91476013)
-- Name: pedrsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 336 (OID 91476015)
-- Name: pedfsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 338 (OID 91476017)
-- Name: operunithg_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 339 (OID 91476019)
-- Name: vfypairs_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

--
-- TOC entry 341 (OID 91476021)
-- Name: pecrsep_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 343 (OID 91476023)
-- Name: reservoir_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 344 (OID 91476025)
-- Name: peooset_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 347 (OID 91476027)
-- Name: unkstnvalue_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

--
-- TOC entry 348 (OID 91476031)
-- Name: counties_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--

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

```
--
-- TOC entry 349 (OID 91476033)
-- Name: ingestfilter_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 350 (OID 91476035)
-- Name: operapicont_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 351 (OID 91476037)
-- Name: statesapicont_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 352 (OID 91476039)
-- Name: adjustfactor_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 353 (OID 91476041)
-- Name: ratingshift_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 354 (OID 91476043)
-- Name: rating_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

```
ALTER TABLE ONLY rating
```

```
    ADD CONSTRAINT rating_pk PRIMARY KEY (lid, pe1, pe2, tbl, valid_date,
src);
```

```
--
-- TOC entry 355 (OID 153177460)
-- Name: vfyprocpairs_pk; Type: CONSTRAINT; Schema: public; Owner: pguser
--
```

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

```
--
-- TOC entry 357 (OID 153177479)
-- Name: vfyrinfo_ob82_pk; Type: CONSTRAINT; Schema: public; Owner:
pguser
--
```

```
ALTER TABLE ONLY vfyrinfo
    ADD CONSTRAINT vfyrinfo_ob82_pk PRIMARY KEY (lid, pe1, pe2, dur,
extremum, fcstts1, fcstts2, sents1, sents2);
```

```
--
-- TOC entry 358 (OID 91476045)
-- 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;
```

```
--
-- TOC entry 359 (OID 91476049)
-- 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;
```

```
--
-- TOC entry 363 (OID 91476053)
-- 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;
```

```
--
-- TOC entry 364 (OID 91476057)
-- 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;
```

```
--
-- TOC entry 360 (OID 91476061)
-- 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;
```

```
--
-- TOC entry 361 (OID 91476065)
-- 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;
```

```
--
-- TOC entry 362 (OID 91476069)
-- 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;
```

```
--
-- TOC entry 365 (OID 91476073)
-- 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;

--
-- TOC entry 366 (OID 91476077)
-- 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;

SET SESSION AUTHORIZATION 'postgres';

--
-- TOC entry 3 (OID 2200)
-- Name: SCHEMA public; Type: COMMENT; Schema: -; Owner: postgres
--

COMMENT ON SCHEMA public IS 'Standard public schema';
```