06832000 Enders Reservoir near Enders, Nebr.

Republican Basin
Frenchman Subbasin

LOCATION.--Lat 40°25′14″, long 101°31′00″ referenced to North American Datum of 1983, in NE ¼ NE ¼ sec.9, T.5 N., R.37 W., Chase County, NE, Hydrologic Unit 10250005, near right bank in control house at outlet tube of Enders Dam on Frenchman Creek, 2.2 mi southeast of Enders.

DRAINAGE AREA.--950 mi^2 of which 160 mi^2 probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1950 to September 2006 (discontinued).

GAGE.--Water-stage recorder: Electronic data-logger. Datum of gage is sea level. Prior to Sept. 3, 1960, mercury-column pressure gage at same datum.

COOPERATION.--Capacity table furnished by Bureau of Reclamation (Effective Jan. 1, 1999).

REMARKS.--Reservoir is formed by earthfill dam; storage began Oct. 23, 1950. Capacity, 36,010 acre-ft between elevations 3,080.0 ft, sill of outlet gates, and 3,112.3 ft, top of storage pool. Top of flood-control pool at elevation 3,127.0 ft, capacity, 74,520 acre-ft. Top of superstorage flood-control pool at elevation 3,129.5 ft, capacity, 80,730 acre-ft. Dead storage, 8,470 acre-ft. Figures given herein represent total contents. Water used for irrigation in Frenchman-Cambridge irrigation project.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 55,330 acre-ft Mar. 25, 1960, elevation, 3,118.20 ft; minimum since operation of reservoir began, 8,870 acre-ft Aug. 28, 1978, elevation, 3,080.67 ft.

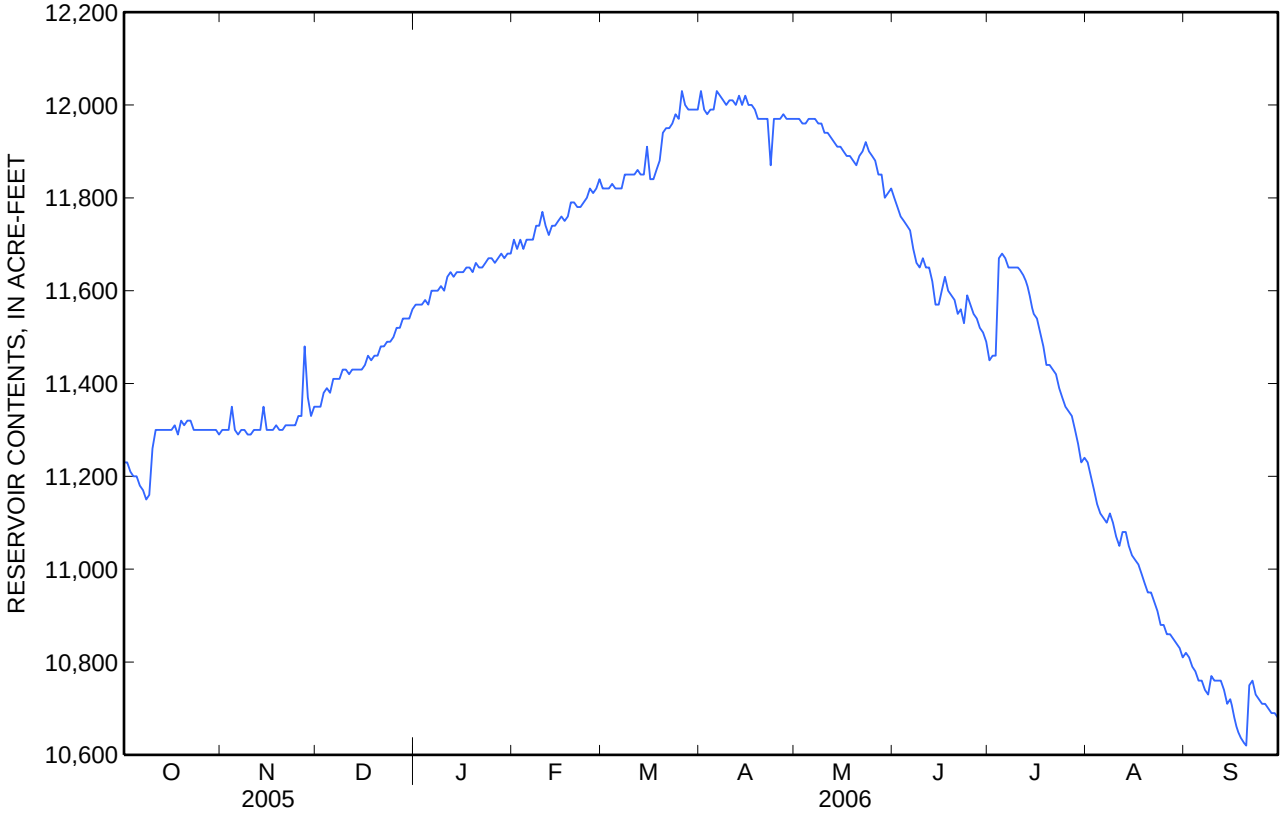
EXTREMES FOR CURRENT YEAR.--Maximum contents, 12,220 acre-ft May 10, elevation, 3,087.13 ft; minimum, 10,620 acre-ft Sep. 21, elevation, 3,084.92 ft.

Capacity table (elevation, in feet, and contents, in acre-feet)

3,080	7,516
3,085	10,670
3,090	14,510
3,100	25,000

06832000 Enders Reservoir near Enders, Nebr.—Continued

EDL
RESERVOIR STORAGE, ACRE FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY OBSERVATION AT 2400 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11,230	11,300	11,350	11,570	11,710	11,820	12,030	11,970	11,800	11,450	11,230	10,820
2	11,230	11,300	11,350	11,570	11,690	11,820	11,990	11,970	11,780	11,460	11,200	10,810
3	11,210	11,300	11,380	11,570	11,710	11,820	11,980	11,960	11,760	11,460	11,170	10,790
4	11,200	11,350	11,390	11,580	11,690	11,830	11,990	11,960	11,750	11,670	11,140	10,780
5	11,200	11,300	11,380	11,570	11,710	11,820	11,990	11,970	11,740	11,680	11,120	10,760
6	11,180	11,290	11,410	11,600	11,710	11,820	12,030	11,970	11,730	11,670	11,110	10,760
7	11,170	11,300	11,410	11,600	11,710	11,820	12,020	11,970	11,690	11,650	11,100	10,740
8	11,150	11,300	11,410	11,600	11,740	11,850	12,010	11,960	11,660	11,650	11,120	10,730
9	11,160	11,290	11,430	11,610	11,740	11,850	12,000	11,960	11,650	11,650	11,100	10,770
10	11,260	11,290	11,430	11,600	11,770	11,850	12,010	11,940	11,670	11,650	11,070	10,760
11	11,300	11,300	11,420	11,630	11,740	11,850	12,010	11,940	11,650	11,640	11,050	10,760
12	11,300	11,300	11,430	11,640	11,720	11,860	12,000	11,930	11,650	11,630	11,080	10,760
13	11,300	11,300	11,430	11,630	11,740	11,850	12,020	11,920	11,620	11,610	11,080	10,740
14	11,300	11,350	11,430	11,640	11,740	11,850	12,000	11,910	11,570	11,580	11,050	10,710
15	11,300	11,300	11,430	11,640	11,750	11,910	12,020	11,910	11,570	11,550	11,030	10,720
16	11,300	11,300	11,440	11,640	11,760	11,840	12,000	11,900	11,600	11,540	11,020	10,690
17	11,310	11,300	11,460	11,650	11,750	11,840	12,000	11,890	11,630	11,510	11,010	10,660
18	11,290	11,310	11,450	11,650	11,760	11,860	11,990	11,890	11,600	11,480	10,990	10,640
19	11,320	11,300	11,460	11,640	11,790	11,880	11,970	11,880	11,590	11,440	10,970	10,630
20	11,310	11,300	11,460	11,660	11,790	11,940	11,970	11,870	11,580	11,440	10,950	10,620
21	11,320	11,310	11,480	11,650	11,780	11,950	11,970	11,890	11,550	11,430	10,950	10,750
22	11,320	11,310	11,480	11,650	11,780	11,950	11,970	11,900	11,560	11,420	10,930	10,760
23	11,300	11,310	11,490	11,660	11,790	11,960	11,870	11,920	11,530	11,390	10,910	10,730
24	11,300	11,310	11,490	11,670	11,800	11,980	11,970	11,900	11,590	11,370	10,880	10,720
25	11,300	11,330	11,500	11,670	11,820	11,970	11,970	11,890	11,570	11,350	10,880	10,710
26	11,300	11,330	11,520	11,660	11,810	12,030	11,970	11,880	11,550	11,340	10,860	10,710
27	11,300	11,480	11,520	11,670	11,820	12,000	11,980	11,850	11,540	11,330	10,860	10,700
28	11,300	11,370	11,540	11,680	11,840	11,990	11,970	11,850	11,520	11,300	10,850	10,690
29	11,300	11,330	11,540	11,670	---	11,990	11,970	11,800	11,510	11,270	10,840	10,690
30	11,300	11,350	11,540	11,680	---	11,990	11,970	11,810	11,490	11,230	10,830	10,680
31	11,290	---	11,560	11,680	---	11,990	---	11,820	---	11,240	10,810	---
Max	11,320	11,480	11,560	11,680	11,840	12,030	12,030	11,970	11,800	11,680	11,230	10,820
Min	11,150	11,290	11,350	11,570	11,690	11,820	11,870	11,800	11,490	11,230	10,810	10,620

06832000 Enders Reservoir near Enders, Nebr.—Continued