

09311000 SCOFIELD RESERVOIR NEAR SCOFIELD, UT

LOCATION.--Lat 39°47'15", long 111°07'30", in NW¹/₄SE¹/₄ sec. 10, T. 12 S., R. 7 E., Carbon County, Hydrologic Unit 14060007, on right bank 200 ft upstream from face of dam on Price River and 4.7 mi northeast of Scofield.

DRAINAGE AREA.--154 mi².

PERIOD OF RECORD.--October 1941, April 1942 to current year. Fragmentary records 1926-41 in files of Office of State Engineer.

REVISED RECORDS.--WSP 1089: 1946. WDR UT-77-1: Drainage area.

GAGE.--Staff gage read twice daily. Datum of gage is sea level (levels by Bureau of Reclamation). Prior to November 8, 1945, at site 800 ft upstream 200 ft from old dam at datum 4.51 ft higher.

REMARKS.--Reservoir is formed by earth and rockfill; rock-faced dam 800 ft downstream from old dam in use prior to November 8, 1945. Storage began in May 1926. Usable capacity of reservoir formed by new dam is 65,780 acre-ft between elevations 7,586.0 ft (bottom of outlet works) and 7,617.5 ft (crest of spillway). Dead storage, 8,000 acre-ft below elevation 7,586.0 ft. Figures given herein represent usable contents. Water used for irrigation in vicinity of Price.

COOPERATION.--Records provided by Bureau of Reclamation.

EXTREMES FOR PERIOD OF RECORD.--Maximum contents, 77,280 acre-ft, Jun 12-13, 1983; elevation, 7,621.8 ft; minimum observed, 280 acre-ft, Oct 3, 1945; elevation, 7,586.2 ft.

EXTREMES FOR CURRENT YEAR.--Maximum observed contents, 47,620 acre-ft, May 22, elevation, 7,610.8 ft; minimum observed, 22,240 acre-ft, Sep 30, elevation, 7599.8 ft.

 RESERVOIR STORAGE (ACRE-FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
 DAILY INSTANTANEOUS VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25690	e26270	e27020	e27450	e30290	30760	33260	39150	47260	40480	32350	25950
2	25630	e26270	e27020	e27450	30290	e30760	e33260	40120	47080	40140	32350	25840
3	25730	26270	e27020	e27450	e30290	e29720	e33380	40610	46930	39800	32120	25730
4	25520	e26270	e27020	e27450	e30740	e29720	33380	40850	46750	39460	31890	25520
5	e25520	26800	27020	e29650	30740	29720	e33380	41100	46600	39150	31670	25310
6	e25520	e26800	e27020	e29650	e30740	e29650	33490	41340	46370	38930	31440	25100
7	e25520	e26800	e27020	e29650	e30740	29650	e33490	41590	46140	38720	31150	24880
8	e25520	e26800	e27020	e29650	e30740	29870	e33490	41830	45940	38500	30850	24670
9	e25630	e27150	e27020	29650	e30740	30090	e33490	42080	45710	38280	30540	24460
10	e25630	e27150	e27130	e29650	e30920	30320	e33490	42570	45480	38070	30320	24250
11	e25630	e27150	e27130	e29650	e30920	30540	e35110	42820	45250	37830	30090	24040
12	25630	27150	e27130	e29650	e30920	30760	e35110	43320	45020	37590	29870	23840
13	e25630	e27150	27130	e29650	e30920	e30760	e35110	43820	44820	37350	29650	23630
14	e25630	e27430	e27130	e29650	30920	e30990	e35110	44570	44570	37040	29430	23420
15	e25630	27430	27240	e29650	e30920	30990	35110	45080	44440	36760	29210	23210
16	e25630	e27430	e27240	e29650	e30920	32120	e35110	45580	44320	36590	28980	23320
17	e25520	e27430	e27240	e30070	e30920	32140	e35110	46090	44200	36430	28760	23320
18	e25520	e27430	e27240	e30070	e30920	32160	e35110	46340	43840	36290	28590	23020
19	e25520	e27430	e27240	e30070	e31100	32190	e35110	46850	43490	36030	28040	22960
20	e25520	e27430	e27240	e30070	e31100	32210	e35110	47110	43100	35770	28330	22880
21	25520	e27430	e27240	e30070	e31100	32230	e36520	47360	43000	35510	28220	22800
22	e25520	e27020	e27240	e30070	31100	32260	e36520	47620	42600	35250	28110	22740
23	e25520	e27020	e27240	e30070	e31100	e32260	e36520	47600	42500	35000	27890	22670
24	e25520	e27020	e27450	30070	e31100	e32260	e36520	47600	42250	34740	27670	22610
25	e25950	e27020	e27450	e30070	e31100	e32260	36520	47600	41980	34530	27450	22550
26	e25950	e27020	e27450	e30070	e30990	e33150	e36520	47600	41640	34160	27020	22490
27	25950	e27020	e27450	e30070	e30990	e33150	e37710	47600	41290	33790	26800	22430
28	e25950	27020	e27450	e30140	30990	e33150	e37710	47600	40970	33420	26700	22360
29	e25950	e27020	e27450	e30140	---	33150	37710	47570	40780	33060	26590	22300
30	e25950	e27020	e27450	e30140	---	e33150	38670	47490	40610	32690	26370	22240
31	e26270	---	27450	30140	---	e33260	---	47420	---	32350	26160	---
MAX	26300	27400	27400	30100	31100	33300	38700	47600	47300	40500	32400	26000
MIN	25500	26300	27000	27400	30300	29600	33300	39200	40600	32400	26200	22200
(#)	---	---	7602.3	7603.5	7603.9	---	7607.2	7610.7	7608.0	7604.5	7601.7	7599.8
(*)	+520	+750	+430	+2690	+850	+2270	+5410	+8750	-6810	-8260	-6190	-3920
CAL YR 2000.....(*)												-12,550
WTR YR 2001.....(*)												-3,510

(#) Elevation in feet, at end of month.

(*) Change in contents, in acre-feet.

(e) Estimated