



Water-Data Report 2007

14195500 HASKINS CREEK RESERVOIR NEAR MCMINNVILLE, OR

Willamette Basin
Yamhill Subbasin

LOCATION.--Lat 45°18'43", long 123°21'23" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.18, T.3 S., R.5 W., Yamhill County, OR, Hydrologic Unit 17090008, on control tower, 250 ft upstream from dam on Haskins Creek, 11 mi northwest of McMinnville and at mile 5.1.

DRAINAGE AREA.--6.88 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--October 1951 to current year.

REVISED RECORDS.--WSP 1738: Drainage area. WDR OR-79-1: 1978 (maximum contents).

GAGE.--Nonrecording gage. Datum of gage is NGVD of 1929 (levels by city of McMinnville). Prior to February 1981, at datum 20.0 ft lower.

COOPERATION.--Elevations furnished by city of McMinnville Water and Light Department, based on once-daily staff gage readings.

REMARKS.--Reservoir is formed by earthfill dam equipped with five siphon spillways which act as overflow weirs until priming occurs, approximately 815.0 ft elevation. Capacity of reservoir (based on May 1992 USGS resurvey, new capacity table put into use Oct. 1, 1991), 721 acre-ft between elevations 741.5 ft, invert of outlet tunnel and 815.0 ft, crest of siphon spillways. Dead storage negligible. Rated capacity of three siphons is 700 ft³/s each and remaining two siphons 350 ft³/s each. Water is used for municipal supply for city of McMinnville.

EXTREMES FOR PERIOD OF RECORD.--Maximum observed contents, 748 acre-ft Nov. 17, 1954, elevation, 815.65 ft, present datum; no contents at times during winter months.

EXTREMES FOR CURRENT YEAR.--Maximum observed contents, 727 acre-ft Dec. 21, elevation, 815.2 ft; no contents Mar. 21-31, elevation, 755.0 ft and below; minimum elevation, 745.0 ft Mar. 23-30.

MONTHEND ELEVATION AND CONTENTS AT 0800
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Elevation (feet)	Contents (acre-feet)	Change in Contents (acre-feet)
Sept 30	807.3	553	-
Oct 31	802.2	460	-93
Nov 30	808.9	584	+124
Dec 31	809.6	598	+14
CAL YR 2006	-	-	-45
Jan 31	814.1	697	+99
Feb 28	788.9	266	-431
Mar 31	750.0	0	-266
Apr 30	815.0	721	+721
May 31	810.8	623	-98
June 30	809.7	600	-23
July 31	811.0	628	+28
Aug 31	810.7	621	-7
Sept 30	811.2	632	+11
WTR YR 2007	-	-	+79