



Water-Data Report 2008

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, 729 acre-ft Jan. 2, 6, 10, 14, elevation, 815.3 ft; no contents Mar. 22-24, elevation, 755.0 ft and below; minimum elevation, 745.0 ft Mar. 23-30.

MONTHEND ELEVATION AND CONTENTS AT 0800
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Elevation (feet)	Contents (acre-feet)	Change in Contents (acre-feet)
Sept 30	811.2	632	-
Oct 31	809.6	598	-32
Nov 30	810.4	615	+17
Dec 31	815.0	721	+106
CAL YR 2007	-	-	+123
Jan 31	809.6	598	-123
Feb 29	783.9	210	-388
Mar 31	792.0	306	+96
Apr 30	815.0	721	+415
May 31	814.7	711	-10
June 30	810.2	611	-100
July 31	807.5	557	-54
Aug 31	809.1	588	+31
Sept 30	808.5	576	-12
WTR YR 2008	-	-	-56