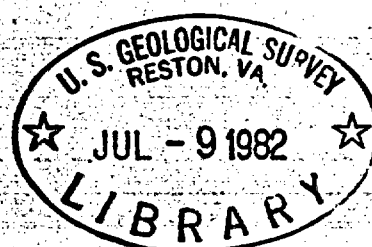


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Water Resources Data for Nevada



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-80-1

WATER YEAR 1980

Prepared in cooperation with the State of Nevada
and with other agencies

WALKER LAKE BASIN

10288500 WALKER LAKE NEAR HAWTHORNE, NV

LOCATION.--Lat 38°35'05", long 118°42'15", in NE¼NE¼ sec.2, T.8 N., R.29 E., Mineral County, Hydrologic Unit 16050304, 5.5 mi (8.8 km) northwest of Hawthorne.

PERIOD OF RECORD.--August 1928 to current year. Occasional readings prior to August 1928.

DRAINAGE AREA.--4,050 mi² (10,500 km²), approximately.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey bench mark at U.S. Army Depot).

REMARKS.--Elevations determined from reference points referred to U.S.C. and G.S. bench mark. Elevations are given to the nearest 0.1 ft and contents to 4 significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Monthly measurements of specific conductance and water temperature are listed in section titled "Supplemental Water-Quality Data for Gaging Stations."

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 6,955,000 acre-ft (8.58 km³) Mar. 13, 1928, elevation, 4,051.8 ft (1,234.99 m), Indian Service; minimum observed, 2,410,000 acre-ft (2.97 km³) Nov. 26, 1979 to Feb. 19, 1980, elevation, 3,954.0 ft (1,205.18 m).

EXTREMES OUTSIDE PERIOD OF RECORD.--An elevation of 4,078.0 ft (1,242.97 m), adjustment of 1912, was observed Sept. 27, 1908, by Geological Survey (contents, 8,622,000 acre-ft or 10.6 km³, table now in use).

MONTHEND ELEVATIONS AND TOTAL CONTENTS, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30.	3,955.0	2,445,000	--
Oct. 31.	3,954.5	2,428,000	-17,000
Nov. 30.	3,954.0	2,410,000	-18,000
Dec. 31.	3,954.0	2,410,000	0
CAL YR 1979	--	--	-71,000
Jan. 31.	3,954.0	2,410,000	0
Feb. 29.	3,954.1	2,414,000	+4,000
Mar. 31.	3,954.4	2,424,000	+10,000
Apr. 30.	3,954.7	2,435,000	+11,000
May 31.	3,955.3	2,456,000	+21,000
June 30.	3,955.8	2,474,000	+18,000
July 31.	3,956.8	2,509,000	+35,000
Aug. 31.	3,956.7	2,506,000	-3,000
Sep. 30.	3,956.5	2,498,000	-8,000
WTR YR 1979-80	--	--	+53,000

NOTE: Monthend elevations are interpolated from readings made during the month.

PYRAMID AND WINNEMUCCA LAKES BASIN

10336500 PYRAMID LAKE NEAR NIXON, NV

LOCATION.--Lat 39°59'05", long 119°30'00", in NE¼NW¼ sec.3, T.24 N., R.22 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, 0.25 mi (0.40 km) north of the Pyramid, 1.6 mi (2.6 km) northeast of Anaho Island, and 13 mi (21 km) northwest of Nixon.

DRAINAGE AREA.--2,720 mi² (7,040 km²).

PERIOD OF RECORD.--1867-1925 (occasional elevations in some years), June 1926 to current year (occasional elevations in each year).

REVISED RECORDS.--WSP 880: 1934-38 (bench mark). WSP 1090: 1926 (M). WDR NV-67-1: 1966.

GAGE.--Nonrecording gage. Datum of gage is 3,940.29 ft (1,201,000 m) National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey Bench Mark N-21), supplementary adjustment of 1956. Prior to January 1934, elevations were determined from Bench Mark No. 1 of General Land Office using elevation of 3,882.26 ft (1,183.313 m), adjustment of 1912; to convert these records to present datum, add 0.81 ft (0.247 m). January 1934 to September 1955, elevations were determined from Bench Mark N-21 using elevation of 3,940.04 ft (1,200.924 m), datum of 1929; to convert these records to present datum, add 0.25 ft (0.076 m). October 1955 to August 1968, nonrecording gages along southwest lake shore at present datum.

REMARKS.--Truckee Canal diverts water out of the basin to Lahontan Reservoir. Elevations are given to the nearest 0.1 ft and contents to 4 significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Elevations published for 1867 and 1871 may have been 9 ft (2.7 m) lower because of uncertainty of date of photograph on which they were based.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 3,884.9 ft (1,184.12 m) in 1871 (see remarks paragraph); minimum observed, 3,783.9 ft (1,153.33 m) Feb. 6, Mar. 6, 1967.

MONTHEND ELEVATIONS AND CONTENTS, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980

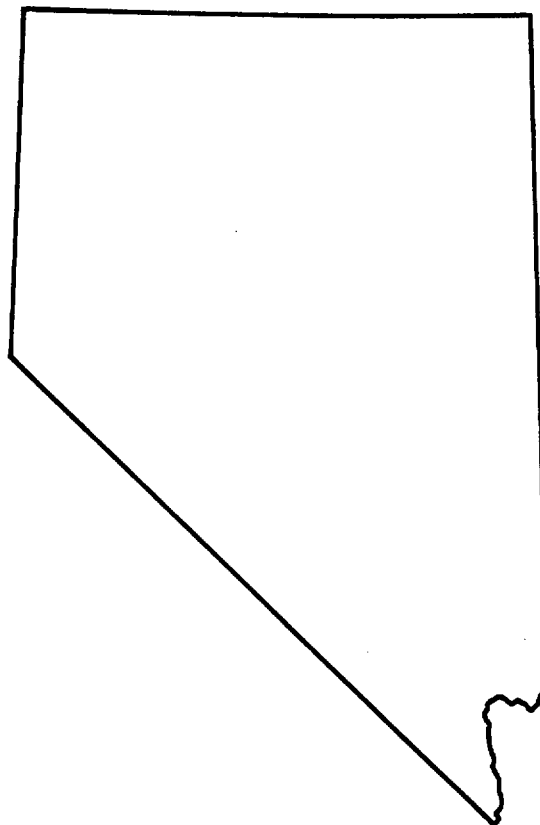
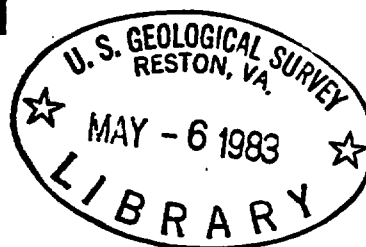
Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30	3,788.5	20,460,000	--
Oct. 31	3,788.6	20,470,000	+10,000
Nov. 30	3,787.6	20,370,000	-100,000
Dec. 31	3,787.8	20,390,000	+20,000
CAL YR 1979	--	--	-240,000
Jan. 31	3,788.4	20,450,000	+60,000
Feb. 29	3,788.7	20,480,000	+30,000
Mar. 31	3,789.0	20,510,000	+30,000
Apr. 30	3,789.1	20,520,000	+10,000
May 31	3,789.2	20,530,000	+10,000
June 30	3,790.4	20,660,000	+130,000
July 31	3,790.2	20,640,000	-20,000
Aug. 31	3,789.5	20,570,000	-70,000
Sep. 30	3,789.2	20,530,000	-40,000
WTR YR 1979-80	--	--	+70,000

NOTE.--Monthend elevations are interpolated from readings made during the month.

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Water Resources Data Nevada Water Year 1981



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-81-1
Prepared in cooperation with the State of Nevada
and with other agencies

WALKER LAKE BASIN

10288500 WALKER LAKE NEAR HAWTHORNE, NV

LOCATION.--Lat 38°35'05", long 118°42'15", in NE¼NE¼ sec.2, T.8 N., R.29 E., Mineral County, Hydrologic Unit 16050304, 5.5 mi (8.8 km) northwest of Hawthorne.

PERIOD OF RECORD.--August 1928 to current year. Occasional readings prior to August 1928.

DRAINAGE AREA.--4,050 mi² (10,500 km²), approximately.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey bench mark at U.S. Army Depot).

REMARKS.--Elevations determined from reference points referred to U.S.C. and G.S. bench mark. Elevations are given to the nearest 0.1 ft and contents to 4 significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Monthly measurements of specific conductance and water temperature are listed in section titled "Supplemental Water-Quality Data for Gaging Stations."

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 6,955,000 acre-ft (8.58 km³) Mar. 13, 1928, elevation, 4,051.8 ft (1,234.99 m), Indian Service; minimum observed, 2,389,000 acre-ft (2.95 km³) Sept. 21, 1981, elevation, 3,953.4 ft (1,205.00 m).

EXTREMES OUTSIDE PERIOD OF RECORD.--An elevation of 4,078.0 ft (1,242.97 m), adjustment of 1912, was observed Sept. 27, 1908, by Geological Survey (contents, 8,622,000 acre-ft or 10.6 km³, table now in use).

MONTHEND ELEVATIONS AND TOTAL CONTENTS, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30.	3,956.5	2,498,000	--
Oct. 31.	3,956.3	2,491,000	-7,000
Nov. 30.	3,956.2	2,488,000	-3,000
Dec. 31.	3,956.2	2,488,000	0
CAL YR 1980	--	--	+78,000
Jan. 31.	3,956.2	2,488,000	0
Feb. 28.	3,956.3	2,491,000	+3,000
Mar. 31.	3,956.3	2,491,000	0
Apr. 30.	3,956.3	2,491,000	0
May 31.	3,956.0	2,481,000	-10,000
June 30.	3,955.8	2,474,000	-7,000
July 31.	3,955.3	2,456,000	-18,000
Aug. 31.	3,954.4	2,424,000	-32,000
Sep. 30.	3,953.5	2,393,000	-31,000
WTR YR 1980-81.	--	--	-105,000

NOTE: Monthend elevations are interpolated from readings made during the month.

PYRAMID AND WINNEMUCCA LAKES BASIN

10336500 PYRAMID LAKE NEAR NIXON, NV

LOCATION.--Lat 39°59'05", long 119°30'00", in NE¼NW¼ sec.3, T.24 N., R.22 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, 0.25 mi (0.40 km) north of the Pyramid, 1.6 mi (2.6 km) northeast of Anaho Island, and 13 mi (21 km) northwest of Nixon.

DRAINAGE AREA.--2,720 mi² (7,040 km²).

PERIOD OF RECORD.--1867-1925 (occasional elevations in some years), June 1926 to current year (occasional elevations in each year).

REVISED RECORDS.--WSP 880: 1934-38 (bench mark). WSP 1090: 1926 (M). WDR NV-67-1: 1966.

GAGE.--Nonrecording gage. Datum of gage is 3,940.29 ft (1,201,000 m) National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey Bench Mark N-21), supplementary adjustment of 1956. Prior to January 1934, elevations were determined from Bench Mark No. 1 of General Land Office using elevation of 3,882.26 ft (1,183.313 m), adjustment of 1912; to convert these records to present datum, add 0.81 ft (0.247 m). January 1934 to September 1955, elevations were determined from Bench Mark N-21 using elevation of 3,940.04 ft (1,200.924 m), datum of 1929; to convert these records to present datum, add 0.25 ft (0.076 m). October 1955 to August 1968, nonrecording gages along southwest lake shore at present datum.

REMARKS.--Truckee Canal diverts water out of the basin to Lahontan Reservoir. Elevations are given to the nearest 0.1 ft and contents to 4 significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Elevations published for 1867 and 1871 may have been 9 ft (2.7 m) lower because of uncertainty of date of photograph on which they were based.

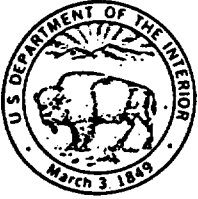
EXTREMES FOR PERIOD OF RECORD.--Maximum elevation observed, 3,884.9 ft (1,184.12 m) in 1871 (see remarks paragraph); minimum observed, 3,783.9 ft (1,153.33 m) Feb. 6, Mar. 6, 1967.

MONTHEND ELEVATION AND CONTENTS, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

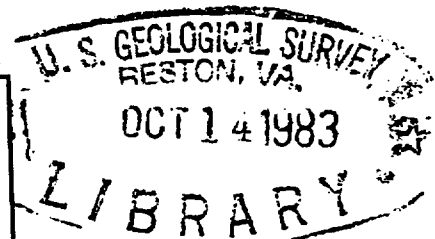
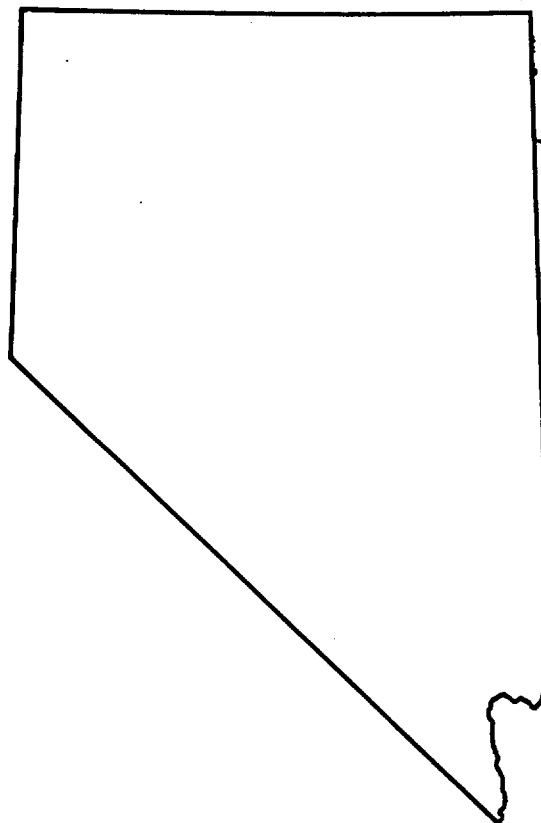
Date	Elevation (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30	3,789.2	20,530,000	--
Oct. 31	3,788.9	20,500,000	-30,000
Nov. 30	3,788.9	20,500,000	0
Dec. 31	3,788.6	20,470,000	-30,000
CAL YR 1980.	--	--	+80,000
Jan. 31	3,788.6	20,470,000	0
Feb. 28	3,788.7	20,480,000	+10,000
Mar. 31	3,788.5	20,460,000	-20,000
Apr. 30	3,788.5	20,460,000	0
May 31	3,788.6	20,470,000	+10,000
June 30	3,788.6	20,470,000	0
July 31	3,788.1	20,420,000	-50,000
Aug. 31	3,787.5	20,360,000	-60,000
Sep. 30	3,787.0	20,300,000	-60,000
WTR YR 1980-81	--	--	-230,000

NOTE.--Monthend elevations are interpolated from readings made during the month.

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Water Resources Data Nevada Water Year 1982



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-82-1
Prepared in cooperation with the State of Nevada
and with other agencies

WALKER LAKE BASIN

109

10288500 WALKER LAKE NEAR HAWTHORNE, NV

LOCATION.--Lat 38°35'05", long 118°42'15", in NE¼NE¼ sec.2, T.8 N., R.29 E., Mineral County, Hydrologic Unit 16050304, 5.5 mi (8.8 km) northwest of Hawthorne.

PERIOD OF RECORD.--August 1928 to current year. Occasional readings prior to August 1928.

DRAINAGE AREA.--4,050 mi² (10,500 km²), approximately.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey bench mark at U.S. Army Hawthorne Ammunition Plant).

REMARKS.--Altitudes determined from reference points referred to U.S.C. G.S. bench mark. Altitudes are given to the nearest 0.1 ft and contents to 4 significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Monthly measurements of specific conductance and water temperature are listed in section titled "Supplemental Water-Quality Data for Gaging Stations."

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 6,955,000 acre-ft (8.58 km³) Mar. 13, 1928, altitude, 4,051.8 ft (1,234.99 m), Indian Service; minimum observed, 2,372,000 acre-ft (2.92 km³) Jan. 25, 1982, altitude, 3952.9 ft (1,204.84 m).

EXTREMES OUTSIDE PERIOD OF RECORD.--An altitude of 4,078.0 ft (1,242.97 m), adjustment of 1912, was observed Sept. 27, 1908, by Geological Survey (contents, 8,622,000 acre-ft or 10.6 km³, table now in use).

MONTHEND ALTITUDES AND TOTAL CONTENTS, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

Date	Altitude (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30.	3953.5	2,393,000	--
Oct. 31.	3953.6	2,396,000	+ 3,000
Nov. 30.	3953.4	2,389,000	- 7,000
Dec. 31.	3953.1	2,379,000	-10,000
CAL YR 1981	--	--	-109,000
Jan. 31.	3952.9	2,372,000	-7,000
Feb. 28.	3953.0	2,375,000	+3,000
Mar. 31.	3953.2	2,382,000	+7,000
Apr. 30.	3953.6	2,396,000	+14,000
May 31.	3954.3	2,421,000	+25,000
June 30.	3955.2	2,452,000	+31,000
July 31.	3955.9	2,477,000	+25,000
Aug. 31.	3955.7	2,470,000	-7,000
Sep. 30.	3955.7	2,470,000	0
WTR YR 1981-82.	--	--	+77,000

NOTE: Monthend altitudes are interpolated from readings made during the month.

PYRAMID AND WINNEMUCCA LAKES BASIN

183

10336500 PYRAMID LAKE NEAR NIXON, NV

LOCATION.--Lat 39°59'05", long 119°30'00", in NE¼NW¼ sec.3, T.24 N., R.22 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, 0.25 mi (0.40 km) north of the Pyramid, 1.6 mi (2.6 km) northeast of Anaho Island, and 13 mi (21 km) northwest of Nixon.

DRAINAGE AREA.--2,720 mi² (7,040 km²).

PERIOD OF RECORD.--1867-1925 (occasional altitudes in some years), June 1926 to current year (occasional altitudes in each year).

REVISED RECORDS.--WSP 880: 1934-38 (bench mark). WSP 1090: 1926 (M). WDR NV-67-1: 1966.

GAGE.--Nonrecording gage. Datum of gage is 3,940.29 ft (1,201.000 m) National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey Bench Mark N-21), supplementary adjustment of 1956. Prior to January 1934, altitudes were determined from Bench Mark No. 1 of General Lake Office using altitude of 3,882.26 ft (1,183.313 m), adjustment of 1912; to convert these records to present datum, add 0.81 ft (0.247 m). January 1934 to September 1955, altitudes were determined from Bench Mark N-21 using altitudes of 3,940.04 ft (1,200.924 m), datum of 1929; to convert these records to present datum, add 0.25 ft (0.076 m). October 1955 to August 1968, nonrecording gages along southwest lake shore at present datum.

REMARKS.--Truckee Canal diverts water out of the basin to Lahontan Reservoir. Altitudes are given to the nearest 0.1 ft and contents to 4 significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Altitudes published for 1867 and 1871 may have been 9 ft (2.7 m) lower because of uncertainty of date of photograph on which they were based.

EXTREMES FOR PERIOD OF RECORD.--Maximum altitude observed, 3,884.9 ft (1,184.12 m) in 1871 (see remarks paragraph); minimum observed, 3,783.9 ft (1,153.33 m) Feb. 6, Mar. 6, 1967.

MONTHEND ALTITUDES AND TOTAL CONTENTS, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982

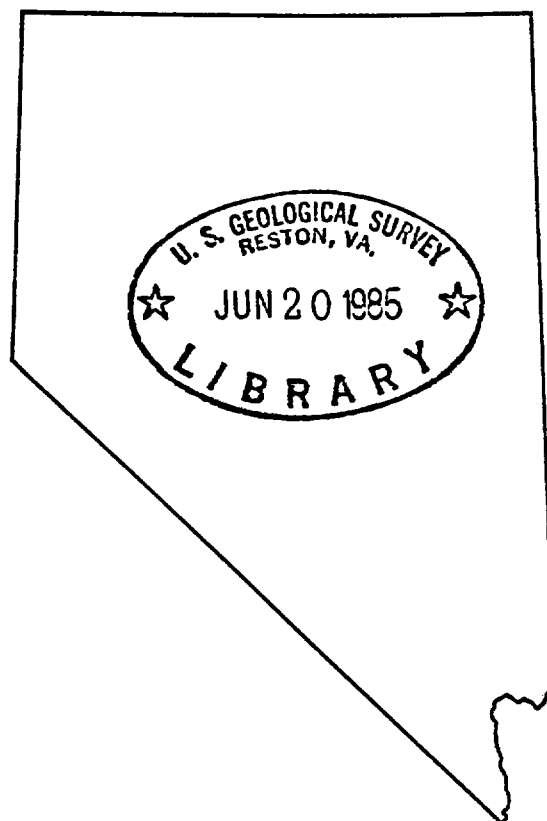
Date	Altitude (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30.	3,787.0	20,300,000	--
Oct. 31.	3,786.7	20,270,000	-30,000
Nov. 30.	3,786.7	20,270,000	0
Dec. 31.	3,787.1	20,310,000	+40,000
CAL YR 1981	--	--	-160,000
Jan. 31.	3,787.4	20,340,000	+30,000
Feb. 28.	3,788.0	20,410,000	+70,000
Mar. 31.	3,788.6	20,470,000	+60,000
Apr. 30.	3,789.7	20,590,000	+120,000
May 31.	3,791.5	20,790,000	+200,000
June 30.	3,792.6	20,910,000	+120,000
July 31.	3,792.6	20,910,000	0
Aug. 31.	3,792.1	20,850,000	-60,000
Sep. 30.	3,791.8	20,820,000	-30,000
WTR YR 1981-82.	--	--	+520,000

NOTE.--Monthend altitudes are interpolated from readings made during the month.

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Water Resources Data Nevada Water Year 1983



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-83-1
Prepared in cooperation with the State of Nevada
and with other agencies

WALKER LAKE BASIN

97

10288500 WALKER LAKE NEAR HAWTHORNE, NV

LOCATION.--Lat 38°35'05", long 118°42'15", in NE¼NE¼ sec.2, T.8 N., R.29 E., Mineral County, Hydrologic Unit 16050304, 5.5 mi northwest of Hawthorne.

PERIOD OF RECORD.--August 1928 to current year. Occasional readings prior to August 1928.

DRAINAGE AREA.--4,050 mi², approximately.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey bench mark at U.S. Army Depot).

REMARKS.--Altitudes referenced to U.S. Coast and Geodetic Survey bench mark. Altitudes are given to the nearest 0.1 ft and contents to four significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Monthly measurements of specific conductance and water temperature are listed in section titled "Supplemental Water-Quality Data for Gaging Stations."

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 6,955,000 acre-ft Mar. 13, 1928, altitude, 4,051.8 ft, U.S. Bureau of Indian Affairs; minimum observed, 2,372,000 acre-ft Jan. 25, 1982, altitude, 3952.9 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--An altitude of 4,078.0 ft, adjustment of 1912, was observed Sept. 27, 1908, by Geological Survey (contents, 8,622,000 acre-ft, table now in use).

MONTH-END ALTITUDES AND TOTAL CONTENTS, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

Date	Altitude (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30.	3,955.7	2,470,000	--
Oct. 31.	3,956.2	2,488,000	+18,000
Nov. 30.	3,956.9	2,513,000	+25,000
Dec. 31.	3,958.2	2,559,000	+46,000
CAL YR 1982	--	--	+180,000
Jan. 31.	3,958.7	2,577,000	+18,000
Feb. 28.	3,959.0	2,588,000	+11,000
Mar. 31.	3,960.5	2,642,000	+54,000
Apr. 30.	3,961.6	2,682,000	+40,000
May 31.	3,962.8	2,726,000	+44,000
June 30.	3,964.8	2,799,000	+73,000
July 31.	3,966.3	2,855,000	+56,000
Aug. 31.	3,967.0	2,881,000	+26,000
Sept. 30.	3,967.4	2,896,000	+15,000
WTR YR 1982-83	--	--	+426,000

NOTE: Month-end altitudes are interpolated from readings made during the month.

10336500 PYRAMID LAKE NEAR NIXON, NV

LOCATION.--Lat 39°59'05", long 119°30'00", in NE¼NW¼ sec.3 T.24 N., R.22 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, 0.25 mi north of the Pyramid, 1.6 mi northeast of Anaho Island, and 13 mi northwest of Nixon.

DRAINAGE AREA.--2,720 mi².

PERIOD OF RECORD.--1867-1925 (occasional measurements in some years), June 1926 to current year (occasional altitudes in each year).

REVISED RECORDS.--WSP 880: 1934-38 (bench mark). WSP 1090: 1926 (M). WDR NV-67-1: 1966.

GAGE.--Nonrecording gage. Datum of gage is 3,940.29 ft, National Geodetic Vertical Datum of 1929, (U.S. Coast and Geodetic Survey Bench Mark N-21), supplementary adjustment of 1956. Prior to January 1934, altitudes were determined from Bench Mark No. 1 of General Lake Office using altitude of 3,882.26 ft, adjustment of 1912; to convert these records to present datum, add 0.81 ft. January 1934 to September 1955, altitudes were determined from Bench Mark N-21 using altitudes of 3,940.04 ft, datum of 1929; to convert these records to present datum, add 0.25 ft. October 1955 to August 1968, nonrecording gages along southwest lake shore at present datum.

REMARKS.--Truckee Canal diverts water out of the basin to Lahontan Reservoir. Altitudes are given to the nearest 0.1 ft and contents to four significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Altitudes published in WSP 1314 for 1867 and 1871 (3,875.9 and 3,884.9 ft, respectively) have been revised to 3,867 and 3,876 ft, respectively, on the basis the data and conclusions of Hardman and Venstrom (American Geophysical Union Transactions, 1941, p. 71-90) and Harding (University of California Archives Report 16, 1965).

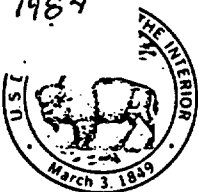
EXTREMES FOR PERIOD OF RECORD.--Maximum altitude observed, 3,877.9 ft in 1891 (see remarks paragraph); minimum observed, 3,783.9 ft Feb. 6, Mar. 6, 1967.

MONTH-END ALTITUDES AND TOTAL CONTENTS, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

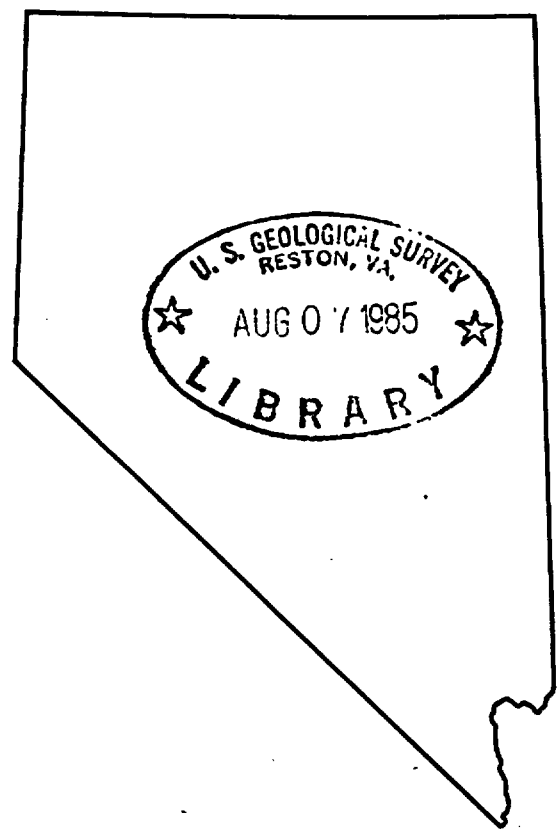
Date	Altitude (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sept. 30.	3,791.8	20,820,000	--
Oct. 31.	3,792.1	20,850,000	+30,000
Nov. 30.	3,792.9	20,940,000	+90,000
Dec. 31.	3,794.1	21,070,000	+130,000
CAL YR 1982	--	--	+760,000
Jan. 31.	3,794.9	21,160,000	+90,000
Feb. 28.	3,796.2	21,300,000	+140,000
Mar. 31.	3,798.1	21,510,000	+210,000
Apr. 30.	3,799.7	21,690,000	+180,000
May 31.	3,801.8	21,920,000	+230,000
June 30.	3,804.1	22,180,000	+260,000
July 31.	3,805.1	22,290,000	+110,000
Aug. 31.	3,805.2	22,300,000	+ 10,000
Sept. 30.	3,805.4	22,320,000	+ 20,000
WTR YR 1982-83.	--	--	+1,500,000

NOTE.--Month-end altitudes are interpolated from readings made during the month.

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Water Resources Data Nevada Water Year 1984



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NV-84-1
Prepared in cooperation with the State of Nevada
and with other agencies

WALKER LAKE BASIN

10288500 WALKER LAKE NEAR HAWTHORNE, NV

LOCATION.--Lat 38°35'05", long 118°42'15", in NE1/4 sec.2, T.8 N., R.29 E., Mineral County, Hydrologic Unit 16050304, 5.5 mi northwest of Hawthorne.

PERIOD OF RECORD.--August 1928 to current year. Occasional readings prior to August 1928.

DRAINAGE AREA.--4,050 mi², approximately.

GAGE.--Nonrecording gage. Datum of gage is National Geodetic Vertical Datum of 1929 (U.S. Coast and Geodetic Survey bench mark at U.S. Army Depot).

REMARKS.--Altitudes determined from reference points referred to U.S.C.G.S. bench mark. Altitudes are given to the nearest 0.1 ft and contents to 4 significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Monthly measurements of specific conductance and water temperature are listed in section titled "Supplemental Water-Quality Data for Gaging Stations."

EXTREMES FOR PERIOD OF RECORD.--Maximum contents observed, 6,955,000 acre-ft Mar. 13, 1928, altitude, 4,051.8 ft, U.S. Bureau of Indian Affairs; minimum observed, 2,372,000 acre-ft Jan. 25, 1982, altitude, 3,952.9 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--An altitude of 4,078.0 ft, adjustment of 1912, was observed Sept. 27, 1908, by Geological Survey (contents, 8,622,000 acre-ft, table now in use).

MONTH-END ALTITUDES AND CONTENTS, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

Date	Altitude (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30.	3,967.4	2,896,000	--
Oct. 31.	3,967.8	2,911,000	+15,000
Nov. 30.	3,968.3	2,930,000	+19,000
Dec. 31.	3,969.4	2,972,000	+42,000
CAL YR 1983	--	--	+413,000
Jan. 31.	3,970.2	3,002,000	+30,000
Feb. 29.	3,970.4	3,010,000	+8,000
Mar. 31.	3,970.4	3,010,000	0
Apr. 30.	3,970.4	3,010,000	0
May 31.	3,970.9	3,029,000	+19,000
June 30.	3,971.3	3,045,000	+16,000
July 31.	3,971.4	3,048,000	+3,000
Aug. 31.	3,971.0	3,033,000	-15,000
Sep. 30.	3,970.7	3,022,000	-11,000
WTR YR 1983-84.	--	--	+126,000

NOTE: Month-end altitudes are interpolated from readings made during the month.

PYRAMID AND WINNEMUCCA LAKES BASIN

10336500 PYRAMID LAKE NEAR NIXON, NV

LOCATION.--Lat 39°59'05", long 119°30'00", in NE1/4 sec.3 T.24 N., R.22 E., Washoe County, Hydrologic Unit 16050103, in Pyramid Lake Indian Reservation, 0.25 mi north of the Pyramid, 1.6 mi northeast of Anaho Island, and 13 mi northwest of Nixon.

DRAINAGE AREA.--2,720 mi².

PERIOD OF RECORD.--1867-1925 (occasional altitudes in some years), June 1926 to current year (occasional altitudes in each year).

REVISED RECORDS.--WSP 880: 1934-38 (bench mark). WSP 1090: 1926 (M). WDR NV-67-1: 1966.

GAGE.--Nonrecording gage. Datum of gage is 3,940.29 ft, National Geodetic Vertical Datum of 1929, (U.S. Coast and Geodetic Survey Bench Mark N-21), supplementary adjustment of 1956. Prior to January 1934, altitudes were determined from Bench Mark No. 1 of General Lake Office using altitude of 3,882.26 ft, adjustment of 1912; to convert these records to present datum, add 0.81 ft. January 1934 to September 1955, altitudes were determined from Bench Mark N-21 using altitudes of 3,940.04 ft, datum of 1929; to convert these records to present datum, add 0.25 ft. October 1955 to August 1968, nonrecording gages along southwest lake shore at present datum.

REMARKS.--Truckee Canal diverts water out of the basin to Lahontan Reservoir. Altitudes are given to the nearest 0.1 ft and contents to four significant figures in order to reflect trends of change. Any single observation, however, may be affected by wind and seiche movements on the lake surface. Altitudes published in WSP 1314 for 1867 and 1871 (3,875.9 and 3,884.9 ft, respectively) have been revised to 3,867 and 3,876 ft, respectively, on the basis of the data and conclusions of Hardman and Venstrom (American Geophysical Union Transactions, 1941, p. 71-90) and Harding (University of California Archives Report 16, 1965).

EXTREMES FOR PERIOD OF RECORD.--Maximum altitude observed, 3,877.9 ft in 1891 (see remarks paragraph); minimum observed, 3,783.9 ft Feb. 6, Mar. 6, 1967.

MONTH-END ALTITUDES AND CONTENTS, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984

Date	Altitude (feet)	Contents (acre-feet)	Change in contents (acre-feet)
Sep. 30.	3,805.4	22,320,000	--
Oct. 31.	3,805.4	22,320,000	0
Nov. 30.	3,806.4	22,440,000	+120,000
Dec. 31.	3,808.1	22,630,000	+190,000
CAL YR 1983	--	--	+1,560,000
Jan. 31.	3,809.9	22,840,000	+210,000
Feb. 29.	3,811.0	22,960,000	+120,000
Mar. 31.	3,811.7	23,040,000	+ 80,000
Apr. 30.	3,812.1	23,090,000	+ 50,000
May 31.	3,812.6	23,150,000	+ 60,000
June 30.	3,813.2	23,220,000	+ 70,000
July 31.	3,812.9	23,190,000	- 30,000
Aug. 31.	3,812.4	23,130,000	- 60,000
Sep. 30.	3,811.9	23,070,000	- 60,000
WTR YR 1983-84.	--	--	+750,000

NOTE.--Month-end altitudes are interpolated from readings made during the month.