

Water-Data Report 2011

361518114241301 Lake Mead 9.4 Near Echo Bay, NV

Lower Colorado-Lake Mead Basin
Lake Mead Subbasin

LOCATION.--Lat 36°15'18.17", long 114°24'13.20" referenced to North American Datum of 1983, in sec.28, T.19 S., R.68 E., Clark County, NV, Hydrologic Unit 15010005.

WATER-QUALITY RECORDS

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 1 of 3

[FNU, Formazin nephelometric units; LED, light-emitting diode; N, nitrogen; P, phosphorus; m, meters; mg/L, milligrams per liter; mm Hg, millimeters of mercury; mm, millimeters; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Temperature, air, °C (00020)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)
01-08-2011	1316	Surface water	Regular	741	13.9	9.5	8.3	927	12.6
01-08-2011	1326	Surface water	Regular	741	13.9	9.3	8.3	929	12.5
01-08-2011	1338	Surface water	Regular	741	13.9	9.2	8.2	960	12.2
01-08-2011	1347	Surface water	Regular	741	13.9	9.1	8.2	1,040	11.7
01-08-2011	1359	Surface water	Regular	741	13.9	9.1	8.2	1,080	11.4

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Part 2 of 3

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Date	Sample start time	Turbidity, water, unfiltered, monochrome near infrared LED light, 780-900 nm, detection angle 90 +/- 2.5 degrees, FNU (63680)	Sampling depth, m (00098)	Bromide, water, filtered, mg/L (71870)	Ammonia plus organic nitrogen, water, filtered, mg/L as N (00623)	Ammonia plus organic nitrogen, water, unfiltered, mg/L as N (00625)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)
01-08-2011	1316	.3	5.0	.08	.27	.16	< .010	.264	.001
01-08-2011	1326	.3	30.0	.07	.27	.15	< .010	.262	< .001
01-08-2011	1338	.9	39.0	.08	.31	.16	.010	.272	.001
01-08-2011	1347	3.7	45.0	.08	.31	.18	.017	.282	.002
01-08-2011	1359	6.2	53.0	.09	.22	.19	.024	.288	.002

361518114241301 Lake Mead 9.4 Near Echo Bay, NV—Continued**WATER-QUALITY DATA
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Part 3 of 3

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Date	Sample start time	Orthophosphate, water, filtered, mg/L as P (00671)	Phosphorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Arsenic, water, filtered, µg/L (01000)	Organic carbon, water, unfiltered, mg/L (00680)	Suspended sediment, sieve diameter, percent smaller than 0.0625 mm (70331)	Suspended sediment concentration, mg/L (80154)
01-08-2011	1316	.004	< .003	< .004	2.4	3.1	53	3
01-08-2011	1326	.004	< .003	< .004	2.4	3.1	75	2
01-08-2011	1338	.004	.003	.004	2.5	3.1	38	2
01-08-2011	1347	< .004	< .003	.009	2.6	3.3	67	1
01-08-2011	1359	.006	.004	.010	2.7	3.3	67	2