

STATE DIVISION OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATER QUALITY PLANNING
 GRAB/SURFACE WATER SAMPLES
 PROVISIONAL RECORDS

STATION NAME	STATION ID	STORET ID MODERN POST 1/1/1999	STORET ID LEGACY PRE 1999	DATE	TIME	TEMP	DISS O2 MG/L	pH FIELD	pH LAB	CONDUCT UM/CM	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
											COLOR PL-CO	CHLORIDE DISS	CHLORIDE DISS MG/L	SULFATE DISS MG/L SO4	TDS MG/L	TSS MG/L	TURBID NTU	ALKAL as CaCO3 MG/L	ALKAL as CaCO3 MG/L	ALKAL BICARB as CaCO3 MG/L	ALKAL BICARB as HCO3 MG/L	BICARB as HCO3 MG/L	ALKAL CARB as CaCO3 MG/L	ALKAL CARB as CaCO3 MG/L	CO3 as CO3 MG/L	CO3 as CO3 MG/L		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	2/11/2008	12:45	8.9	11.3	8.3	8.27	410																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/19/2007	9:45	21	8.48	8.14	8.32	490																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	8/9/2006	9:20	18.7	7.65	8.19	8.3	480																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	4/11/2006	12:40	10.6	10.62	8.1	8.3	180																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/2/2005	9:25	10.1	10.04	7.7	8.25	370																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	4/13/2005	9:40	9.8	8.7	8.2	8.22	270																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/9/2004	9:15	8.1	9.73	8.5	8.27	420																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	9/15/2004	15:20	26.43	8.42	8.27	8.44	520																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/21/2004	10:00	23.4	9.21	8.1	8.18	510																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/26/2004	9:25	15.8	7.73	7.8	8.03	230																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/17/2004	9:25	11	8.46	8.2	8.06	200																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/7/2004	9:25	1.4	12.4	8.2	8.16	430																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	12/10/2003	10:00	3.2	7.17	8.1	8.03	290																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	10/21/2003	15:30	21.5	5.65	8.3	8.47	560																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	8/20/2003	12:25	27.8	7.05	8.2	8.25	520																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	6/17/2003	14:20	22.7	8.38	8	7.86	120																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	4/7/2003	10:15	8.1	5.46	11	8.02	280																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	2/11/2003	15:00	5.4	9.2	8.1	8.17	320																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/7/2003	14:45	4.7	8.1	8.4	8.23	400																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/25/2002	15:05	7.3	9.62	8.2	8.28	400																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	9/17/2002	15:30	21.2	8.68	8.4	8.47	540																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/17/2002	12:40	26.6	7.6	8.1	8.24	530																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/28/2002	10:30	17.75	8.3	8.1	8.03	180																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/20/2002	14:40	9.8	12	8.2	8.16	340																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/9/2002	10:40	3.9	12.95	8.7	7.94	310																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/27/2001	14:35			8.12	7.97	340																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/18/2001	10:05	20	9.6	8.23	8.41	576																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/29/2001	15:35	23.4	7.03	8	7.98	209																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/21/2001	9:45	12.3	11.27	7.73	8.23	358																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/8/2001	10:20	1.5	7.96	7.99	8.19	418																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/20/2000	15:30	6	11.6	8.36	8.12	427																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	9/12/2000	14:45	26.8	9	8.56	8.58	584																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/19/2000	9:35	19.8	7.7	7.9	8.28	549																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/24/2000	9:30	18.1	7.7	7.87	7.96	111																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/13/2000	13:20	13.7	17.4	8.61	7.86	344																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/11/2000	15:45	6.3	19.64	8.74	7.88	389																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/23/1999	9:55	3.1	13.78	8.46	7.77	354																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	9/14/1999	15:15	27.4		8.35	8.08	544																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/21/1999	10:10	19.4	8.39	8.28	7.84	387																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/25/1999	10:10	13.1	8.15	7.93	7.28	91																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/17/1999	9:30	8.7	8.96	8.2	8.11	304																		
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/12/1999	9:50	1.9	16.9	8.44	7.87	331																		

C= CALCULATED
 O= SAMPLED BUT ANALYSIS NOT PERFORMED
 E= ESTIMATE, VALUE LESS THAN THE STATE HEALTH LAB REPORTING LIMIT, TRACKED FROM DEC. 2001 ON

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See Below for Explanation

STATION NAME	STATION ID	STORET ID MODERN	STORET ID LEGACY	DATE	TIME	Q		Q		Q		Q		Q		Q		Q		Q		Q		Q		Comments
						N	N	NO3+NO2 as N	NITRATE+ NITRITE as N	N-TOTAL KJELDAHL	N-TOTAL KJELDAHL	N	N	NITRATE as N	NITRATE as NO3	NITRATE as NO3	NITRITE as N	NITRITE as N	P TOTAL	P TOTAL	Ortho P	Ortho P	FECAL STREP	FECAL STREP	FECAL COLI	
						TOTAL	TOTAL	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		
C= CALCULATED																										
O= SAMPLED BUT ANALYSIS NOT PERFORMED																										
E= ESTIMATE, VALUE LESS THAN THE STATE HEALTH LAB REPORTING LIMIT, TRACKED FROM DEC. 2001 ON																										
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	2/11/2008	12:45		0.5	<	0.1		0.5	<	0.1													
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/19/2007	9:45		0.4	<	0.1		0.4	<	0.1													
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	8/9/2006	9:20		0.3	<	0.1		0.3	<	0.1													
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	4/11/2006	12:40		0.3	<	0.1		0.3	<	0.1													
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/2/2005	9:25		0.4		0.1		0.3	<	0.1													
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	4/13/2005	9:40		0.4	<	0.1		0.4	<	0.1													
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/9/2004	9:15		0.3	<	0.5		0.3	<	0.1													
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	9/15/2004	15:20		0.4	<	0.5		0.4	<	0.1										100		20	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/21/2004	10:00		0.2	<	0.5		0.2	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/26/2004	9:25		0.4	<	0.5		0.4	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/17/2004	9:25		0.6	<	0.5		0.6	<	0.1												64	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/7/2004	9:25	E	0.31	E	0		0.3	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	12/10/2003	10:00		0.44		0.13		0.3	<	0.1												20	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	10/21/2003	15:30	E	0.21	E	0		0.2	<	0.1												20	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	8/20/2003	12:25	E	0.25	E	0.04		0.2	<	0.1												53	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	6/17/2003	14:20	E	0.43	E	0.02		0.4	<	0.1												20	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	4/7/2003	10:15	E	0.45	E	0.04		0.4	<	0.1												31	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	2/11/2003	15:00	E	0.35	E	0.04		0.3	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/7/2003	14:45	E	0.45	E	0.04		0.4	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/25/2002	15:05	E	0.32	E	0.02		0.29	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	9/17/2002	15:30	E	0.41	E	0.08		0.32	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/17/2002	12:40	E	0.29	E	0.02		0.26	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/28/2002	10:30	E	0.46	E	0.04		0.41	<	0.1												31	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/20/2002	14:40	E	0.24	E	0		0.23	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/9/2002	10:40	E	0.29	E	0		0.28	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/27/2001	14:35		0.49	E	0.04		0.44	<	0.1												254	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/18/2001	10:05		0.29	E	0		0.28	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/29/2001	15:35		0.35	E	0.01		0.33	<	0.1												20	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/21/2001	9:45		0.33	E	0		0.32	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/8/2001	10:20		0.25	E	0.01		0.23	<	0.1												20	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/20/2000	15:30		0.21				0.2	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	9/12/2000	14:45		0.23				0.22	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/19/2000	9:35		0.23				0.22	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/24/2000	9:30		0.44				0.39	<	0.1												531	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/13/2000	13:20		0.38				0.36	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/11/2000	15:45		0.53				0.52	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	11/23/1999	9:55		0.43				0.42	<	0.1												124	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	9/14/1999	15:15		0.31				0.3	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	7/21/1999	10:10		0.51				0.5	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	5/25/1999	10:10	C	1.02				0.93	<	0.1												1652	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	3/17/1999	9:30		0.62				0.6	<	0.1												10	
Carson River @ Weeks Bridge	C10	NV08-202-M-003	310016	1/12/1999	9:50		0.71				0.65	<	0.1												10	

Prior to January 2001 the ELS was in the habit of certifying laboratories for nitrate nitrogen and nitrite nitrogen. At that time nitrate samples were required to be preserved with sulfuric acid and nitrite samples were required to have no chemical preservative. The latter were required to be placed in a cold environment upon sampling or analyzed immediately. Samples for nitrite that were cold preserved had only a 48 hr hold time. Nitrate samples preserved with sulfuric acid had a seven-day hold time. Although EPA had an official category of nitrate/nitrite nitrogen, the ELS did not usually certify laboratories for the combination, since it would have been redundant for a laboratory certified for each analyte.

A new methodology (Method 300.0) became very popular among the laboratories. This method required that the nitrate sample also not be chemically preserved and depended upon refrigeration and a quick analysis (within 48 hours). There was also the problem of getting samples to laboratories for either nitrate or nitrite so that it could be analyzed within the short hold time. Such samples had to be sulfuric acid preserved and then analyzed for nitrate/nitrite cc

The advent of these complications required EPA to revise hold time and preservative protocols so that good laboratory procedures could be practiced within promulgated methodology.

Starting January 1, 2001 it became accepted practice to report sulfuric acid preserved samples that are analyzed with the 7-day hold time as nitrate/nitrite nitrogen. Nitrate nitrogen and Nitrite nitrogen are still reported as independent parameters, but require a short hold time and refrigeration from the time of sampling until analysis.