

FEDERAL 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 COLOR PL-CO	Q CHLORIDE DISS MG/L	CHLORIDE DISS MG/L	Q SULFATE DISS MG/L SO4	SULFATE DISS MG/L	Q TDS MG/L	Q TSS MG/L	Q TSS MG/L	Q TURBID NTU	TURBID NTU	Q ALKAL as CaCO3 MG/L	ALKAL as CaCO3 MG/L	Q ALKAL BICARB as CaCO3 MG/L	ALKAL BICARB as CaCO3 MG/L	Q BICARB as HCO3 MG/L	BICARB as HCO3 MG/L	Q ALKAL CARB as CaCO3 MG/L	ALKAL CARB as CaCO3 MG/L	Q CO3 as CO3 MG/L	CO3 as CO3 MG/L		
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	10/15/2008	11:15	9.2	9.89	8.08	8.32	360				12		49	222	<	10		3.5		106		104		127	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	2/11/2008	11:10	6.8	10.95	8.01	8.16	330				13		46	219		13		10		94		93		114	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	10/15/2007	14:25	16.3	9.71	8.21	8.39	480				18		85	319	<	10		5.3		118		115		140	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/18/2007	14:45	28.8	7.26	8.76	8.72	760				29		180	520	<	10		2.4		155		127		155		28		17	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	8/8/2006	14:55	25.8	7.47	7	8.28	300				30		29	198	<	10		5.9		101		101		123	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	4/11/2006	11:30	8.2	10.58	8	8.25	160				15	<	5	129		60		15		67		66		81	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/1/2005	14:15	13.9	10	7.8	8.25	260				10		36	181		13		7.6		85		85		104	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	4/12/2005	14:35	13	8.57	8	8.17	210				15		24	154		30		16		70		70		85	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/8/2004	13:00	8.4	9.98	8.3	8.21	300				15		41	196	<	10		5.8		90		90		110	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/15/2004	13:50	26.07	9.16	8.35	8.45	670				25		160	456	<	10		2.7		141		133		162		8	E	5	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/20/2004	16:00	32.4	7.32	8.5	8.48	680				20		160	464	<	10		3.5		154		146		178		8	E	5	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/25/2004	14:35	18.7	6.92	7.9	7.96	170				30	<	5	14		18		10		62		62		76	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/16/2004	14:25	11.5	7.1	7.9	7.95	160				25	<	5	16		121		80		56		56		68	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/6/2004	13:20	2.3	8.44	8.1	8.06	340				15		12	47		24		7.7		102		102		124	<	20	<	12	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	12/9/2003	14:05	4.5	6.11	8	7.92	260				25		8	35		20		13		76		76		93		0		0	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	10/21/2003	13:55	17.8	5.13	8.1	8.19	390				15		12	56		256		13		6.7		120		146		0		0	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	8/20/2003	10:40	23.1	6.12	8.3	8.26	510				20		16	85		324		17		9.6		148		148		181		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	6/17/2003	12:35	19.1	7.2	8	7.79	94				15	E	1	6		75		57		24		36		44		0		0	
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	4/8/2003	14:15	15.4	5.19		8.27	240				25		7	26		158		41		17		76		76		93		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	2/11/2003	16:50	5.3	9.53	8.2	8.1	240				10		7	29		150		22		10		76		76		93		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/7/2003	13:05	4.5	8.16	8.1	8.08	330				20		10	43		204		2500		7.3		90		90		110		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/25/2002	13:20	7.1	9.12	8	8.19	310				15		9	42		204	E	8		5.5		88		88		107		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/17/2002	13:35	22.89	10.9	8.4	8.52	510				10		16	91		324		10		6		140		136		166		4	2
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/17/2002	11:05	23.2	8.3	8.5	8.3	510				40		16	82		336		27		11		144		144		176		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/28/2002	12:20	16	7.9	8.1	7.89	120				20	E	2	8		88		65		25		46		46		56		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/20/2002	13:00	13	8.3	8	8.07	260				10		8	35		176		21		11		78		78		95		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/8/2002	14:10	6.2	11.47		7.9	240				25		7	31		160		27		15		74		74		90		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/27/2001	13:10			8.17	7.8	300				25		12	43		194		13		9		80		80		98		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/25/2001	13:55	24	7.7	8.9	8.24	780				12		30	190		488		16		8.9		150		150		183		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/17/2001	14:55	26.1	6.2	8.39	8.41	568				20		17	116		386		24		10		140		128		156		12	7
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/29/2001	14:00	20.5	7.77	7.9	7.92	155				15		3	13		112		35		14		54		54		66		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/21/2001	11:35	12.09	12.2	8.02	7.99	212				10		6	23		140		84		40		68		68		83		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/9/2001	8:55	2.7	8.03	9.01	8.1	311				5		9	49		190		9		6.2		90		90		110		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/20/2000	13:20	5	11.3	8.26	8	305				10		9	40		214		10		10		90		90		110		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/12/2000	13:10	24.1	8.8	8.36	8.37	448				10		14	70		276		13		11		124		124		151		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/18/2000	15:00	29	6.4	8.2	8.47	464				25		14	70		300		8		6.5		134		126		154		8	5
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/23/2000	13:55	16.9	8.4	7.92	7.75	92				30		1	5		63		96		40		38		38		46		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/13/2000	12:00	10.6	12.6	8.48	7.7	294				15		9	33		172		32		16		90		90		110		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/11/2000	13:20	5.9	14.1	8.5	7.76	322				10		9	47		186		45		24.6		90		90		110		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/22/1999	13:50	6.5	11.22	7.99	7.68	278				20		8	33		166		14		12.9		82		82		100		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/14/1999	13:45	23.4		8.21	7.88	337				35		10	35		200		26		13.6		108		108		132		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/20/1999	14:50	24.9	7.38	8.16	7.67	289				35		8	21		179		35		14.5		100		100		122		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/25/1999	11:45	11.1	8.38	7.58	7.24	78				25		2	4		56		429		161.3		28		28		34		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/16/1999	14:15	11	8.99	7.5	7.9	259				15		6	28		149		35		20.2		74		74		90		0	0
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/12/1999	14:05	4.7	14.88	8.29	7.74	263				12		6	26		166		27		15.9		76		76		93		0	0

ADMINISTRATIVE DIVISION OF ENVIRONMENTAL PROTECTION  
 BUREAU OF WATER QUALITY PLANNING  
 GRAB/SURFACE WATER SAMPLES  
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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		FECAL STREP	Q		Q		Comments
						N	N	NO3+NO2 as N	NITRATE+ as N	N-TOTAL	N-TOTAL	N	N	NITRATE as N	NITRATE as N	NITRATE as NO3	NITRATE as NO3	NITRITE as N	NITRITE as N	P	P	Ortho P	Ortho P		STREP	FECAL COLI	FECAL COLI	E 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	#/100ML	#/100ML	#/100ML	#/100ML			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	10/15/2008	11:15		0.3	<		0.1																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	2/11/2008	11:10		0.5	<		0.1																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	10/15/2007	14:25		0.6	<		0.1																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/18/2007	14:45		0.6	<		0.1																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	8/8/2006	14:55		0.7	<		0.1																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	4/11/2006	11:30		0	<		0.1	<																		
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/1/2005	14:15		0.4			0.1																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	4/12/2005	14:35		0.4	<		0.1																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/8/2004	13:00		0.3	<		0.5																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/15/2004	13:50		0.4	<		0.5																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/20/2004	16:00		0.5	<		0.5																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/25/2004	14:35		0.4	<		0.5																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/16/2004	14:25		0.5	<		0.5																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/6/2004	13:20	E	0.47	E		0.06																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	12/9/2003	14:05	E	0.44	E		0.03																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	10/21/2003	13:55	E	0.33	E		0.02																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	8/20/2003	10:40	E	0.45	E		0.04																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	6/17/2003	12:35	E	0.45	E		0.04																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	4/8/2003	14:15	E	0.51	E		0																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	2/11/2003	16:50	E	0.47	E		0.06																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/7/2003	13:05		0.63			0.12																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/25/2002	13:20	E	0.29	E		0.02																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/17/2002	13:35	E	0.54	E		0.03																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/17/2002	11:05	E	0.72	E		0.08																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/28/2002	12:20	E	0.42	E		0.02																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/20/2002	13:00	E	0.26	E		0																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/8/2002	14:10	E	0.33	E		0.05																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/27/2001	13:10		0.38	E		0.03																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/25/2001	13:55		0.4	E		0																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/17/2001	14:55		0.59	E		0																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/29/2001	14:00		0.28	E		0.02																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/21/2001	11:35		0.52	E		0.04																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/9/2001	8:55		0.3	E		0.07																			
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/20/2000	13:20		0.3																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/12/2000	13:10		0.18																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/18/2000	15:00		0.53																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/23/2000	13:55		0.32																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/13/2000	12:00	C	0.63																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/11/2000	13:20		0.54																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	11/22/1999	13:50		0.3																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	9/14/1999	13:45		0.6																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	7/20/1999	14:50		0.86																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	5/25/1999	11:45		0.73																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	3/16/1999	14:15		0.57																						
Carson River @ Mexican Gage	C13	NV08-201-M-004	310167	1/12/1999	14:05		0.63																						

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 sulf that are analyzed with the 7-day hold time as nitrate/nitrite nitrogen. Nitrite nitrogen are still reported as independent parameters, but re refrigeration from the time of sampling until analysis.