



Water-Data Report 2008

1033660958 Angora Creek At Washoe Meadows State Park, CA

Truckee Basin
Lake Tahoe Subbasin

LOCATION.--Lat 38°52'35", long 120°01'21" referenced to North American Datum of 1983, in SE ¼ NE ¼ NE ¼ sec.19, T.12 N., R.18 E., El Dorado County, CA, Hydrologic Unit 16050101, approximately 0.3 mi downstream from confluence of Angora Creek and Sawmill Pond Outlet, in Washoe Meadows State Park..

DRAINAGE AREA.--5.1 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, June 26, 2007 to present.

GAGE.--Elevation of gage is 6,800 ft above National Geodetic Vertical Datum of 1929, from topographic map.

DISCHARGE MEASUREMENTS WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft ³ /s	Gage height, in ft
Oct 4, 2007	0.64	---
Oct 20, 2007	1.5	---
Nov 7, 2007	1.0	---
Nov 11, 2007	2.9	---
Dec 4, 2007	1.4	---
Apr 3, 2008	9.1	---
Apr 29, 2008	8.2	---
May 7, 2008	10.	---
May 27, 2008	6.8	---

1033660958 Angora Creek At Washoe Meadows State Park, CA—Continued

WATER-QUALITY RECORDS

REMARKS.--In June 2007, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Nutrient samples were analyzed by the University of California, Davis, Tahoe Research Group. Quality assurance samples associated with the entire Lake Tahoe Interagency Monitoring Program are listed under station numbers 103366769999 and 103367309999. Hydrazine method used to determine nitrate plus nitrite concentrations (000630 and 00631) was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences. Values for parameters 99911 and 99910 are based on a laboratory method that uses pyrophosphate to remove interferences caused by calcium and magnesium with the analysis.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 3

[QC, quality control sample. Remark codes: <, less than; E, estimated. Null value qualifier codes: c, sample lost in lab.]

Date	Time	Sample medium and type	Instantaneous discharge, ft ³ /s (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC μS/cm (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
Oct									
04...	1000	Surface water, regular	.64	--	--	7.9	77	10.5	6.5
20...	1250	Surface water, regular	1.5	--	--	7.5	98	11.5	7.0
Nov									
07...	1700	Surface water, regular	1.0	--	--	7.4	76	1.0	6.0
11...	0900	Surface water, regular	2.9	--	--	7.1	90	3.0	4.5
Dec									
04...	1020	Surface water, regular	1.4	618	10.8	7.5	78	12.5	4.3
04...	1025	QC - Surface water, replicate	--	--	--	--	--	--	--
Apr									
03...	1440	Surface water, regular	9.1	--	--	7.0	60	15.5	10.0
29...	1400	Surface water, regular	8.2	--	--	6.9	39	12.5	10.5
May									
07...	1605	Surface water, regular	10	--	--	7.1	33	17.0	13.0
27...	1555	Surface water, regular	6.8	--	--	6.9	41	8.5	9.0

1033660958 Angora Creek At Washoe Meadows State Park, CA—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 3

[QC, quality control sample. Remark codes: <, less than; E, estimated. Null value qualifier codes: c, sample lost in lab.]

Date	Ammonia		Ammonia		Nitrate	Nitrate	Nitrate	Nitrate	Ortho-	Ortho-	Phos-	Phos-	Iron
	+ org-N, water, fltrd, mg/L as N (00623)	+ org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Ammonia water, unfltrd mg/L as N (00610)	+ nitrite water fltrd, mg/L as N (00631)	+ nitrite water fltrd, mg/L as N (99911)	+ nitrite water unfltrd mg/L as N (00630)	+ nitrite water unfltrd mg/L as N (99910)	phos- phate, water, fltrd, mg/L as P (00671)	phos- phate, water, unfltrd mg/L as P (70507)	phorus, water, fltrd, mg/L as P (00666)	phorus, water, unfltrd mg/L as P (00665)	(bio reactive), water, fltrd, µg/L (63673)
Oct													
04...	.12	.14	<.003	.005	--	.003	--	.016	.012	.015	.024	.052	184
20...	.42	.56	.006	.009	--	.090	--	.145	.025	.027	.078	.087	259
Nov													
07...	.14	.20	<.003	.027	--	.003	--	.005	.010	.013	.020	.032	258
11...	.33	.49	.013	.034	--	.005	--	.005	.016	.018	.037	--c	307
Dec													
04...	.12	.12	.005	.009	--	.005	--	.005	.009	.012	.024	.034	196
04...	--	--	<.003	.009	.007	.004	.009	.005	.009	.013	.027	.029	--
Apr													
03...	.12	.25	.005	.006	.014	.026	.016	.028	.011	.015	.020	.027	92
29...	.14	.19	.004	.004	.007	.014	.010	.015	.011	.014	.021	.026	90
May													
07...	.16	.29	<.003	.005	.002	.004	.007	.006	.008	.013	.019	.031	82
27...	.16	.16	<.003	.004	.005	.002	.005	.003	.007	.011	.016	.043	134

1033660958 Angora Creek At Washoe Meadows State Park, CA—Continued

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WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 3

[QC, quality control sample. Remark codes: <, less than;
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Date	Iron (bio reac- tive), water, unfltrd µg/L (46568)	Sus- pended sedi- ment concen- tration mg/L (80154)	Sus- pended sedi- ment dis- charge, tons/d (80155)
Oct			
04...	438	2	<.01
20...	490	4	.02
Nov			
07...	408	2	<.01
11...	611	--	--
Dec			
04...	324	1	<.01
04...	--	--	--
Apr			
03...	232	E5	E.12
29...	179	7	.15
May			
07...	216	6	.16
27...	217	3	.05