

Water-Data Report 2009

## 11149400 Nacimiento River below Nacimiento Dam, near Bradley, CA

Salinas River Basin

LOCATION.--Lat 35°45'41", long 120°51'16" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.14, T.25 S., R.10 E., San Luis Obispo County, CA, Hydrologic Unit 18060005, on Camp Roberts Military Reservation, on left bank, 2.2 mi downstream from Nacimiento Dam, and 7.6 mi southwest of Bradley.

DRAINAGE AREA.--329 mi<sup>2</sup>.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1957 to current year.

CHEMICAL DATA: Water years 1963-66.

REVISED RECORDS.--WDR CA-84-2: Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 597 ft above NGVD of 1929, surveyed from US Army Corps of Engineers bench mark.

REMARKS.--Records good. Flow regulated by Lake Nacimiento (formerly Nacimiento Reservoir) beginning in February 1957, usable capacity, 340,000 acre-ft. No diversion upstream from station. See schematic diagram of Salinas River Basin available from the California Water Science Center.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 7,340 ft<sup>3</sup>/s, Feb. 25, 1969, gage height, 10.92 ft; no flow at times in 1958-63, 1965, 1977, 1990.

## 11149400 Nacimiento River below Nacimiento Dam, near Bradley, CA—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	25	26	178	24	21	25	208	200	212	203	372	366
2	26	26	178	24	21	24	208	200	211	213	374	364
3	26	e99	178	24	21	25	207	201	210	224	374	363
4	26	e182	178	24	18	25	207	200	209	224	373	362
5	26	307	e103	24	19	25	204	199	209	225	373	361
6	26	396	e24	24	20	25	203	200	209	290	374	360
7	26	396	e24	24	20	25	203	203	209	374	374	359
8	26	396	e24	24	20	25	203	204	206	374	374	358
9	26	396	24	23	21	25	194	204	203	373	373	356
10	26	395	24	23	20	25	187	186	203	261	374	349
11	26	393	24	23	22	26	203	209	203	144	374	352
12	26	393	24	23	22	25	203	209	202	143	374	352
13	26	387	24	22	22	25	207	206	202	97	374	349
14	26	384	25	23	22	25	190	212	202	52	374	345
15	26	381	24	23	22	25	194	212	200	90	374	344
16	26	381	24	22	23	24	202	212	201	259	374	341
17	26	377	24	22	22	24	202	213	201	381	374	341
18	26	374	24	22	22	24	201	215	184	381	374	338
19	26	372	24	22	22	24	203	215	188	311	374	336
20	26	370	25	22	22	24	202	215	200	378	374	334
21	26	368	25	22	22	24	201	214	200	379	374	332
22	26	363	25	22	22	24	201	223	199	378	374	330
23	26	363	25	23	22	24	199	230	192	376	374	327
24	26	362	25	22	24	96	198	231	134	374	374	324
25	26	289	25	22	24	157	199	230	266	373	373	324
26	26	179	24	22	22	160	200	223	269	371	372	321
27	26	178	25	21	22	162	199	215	205	371	366	317
28	26	178	25	21	22	165	198	214	205	370	349	315
29	26	178	24	21	---	167	199	214	207	370	367	311
30	26	178	24	21	---	169	200	213	204	371	366	310
31	26	---	24	21	---	188	---	213	---	371	366	---
<b>Total</b>	805	9,067	1,448	700	602	1,831	6,025	6,535	6,145	9,101	11,530	10,241
<b>Mean</b>	26.0	302	46.7	22.6	21.5	59.1	201	211	205	294	372	341
<b>Max</b>	26	396	178	24	24	188	208	231	269	381	374	366
<b>Min</b>	25	26	24	21	18	24	187	186	134	52	349	310
<b>Ac-ft</b>	1,600	17,980	2,870	1,390	1,190	3,630	11,950	12,960	12,190	18,050	22,870	20,310

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2009, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	196	152	116	257	537	261	167	213	296	379	396	314
<b>Max</b>	501	708	1,629	3,341	4,830	3,016	1,501	1,067	581	662	802	684
<b>(WY)</b>	(1983)	(2006)	(1983)	(1997)	(1998)	(1969)	(1958)	(1983)	(1969)	(1958)	(1967)	(1995)
<b>Min</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	2.44	0.00	0.00
<b>(WY)</b>	(1958)	(1958)	(1958)	(1962)	(1962)	(1961)	(1961)	(1961)	(1990)	(1990)	(1961)	(1961)

11149400 Nacimiento River below Nacimiento Dam, near Bradley, CA—Continued

SUMMARY STATISTICS

	Calendar Year 2008		Water Year 2009		Water Years 1958 - 2009	
<b>Annual total</b>	73,659		64,030			
<b>Annual mean</b>	201		175		272	
<b>Highest annual mean</b>					1,038	1983
<b>Lowest annual mean</b>					3.43	1990
<b>Highest daily mean</b>	430	Jun 11	396	Nov 6	6,770	Feb 26, 1969
<b>Lowest daily mean</b>	23	Jan 1	18	Feb 4	0.00	Oct 1, 1957
<b>Annual seven-day minimum</b>	24	Sep 3	20	Feb 4	0.00	Oct 1, 1957
<b>Maximum peak flow</b>			396	Nov 5	7,340	Feb 25, 1969
<b>Maximum peak stage</b>			3.52	Nov 5	10.92	Feb 25, 1969
<b>Annual runoff (ac-ft)</b>	146,100		127,000		197,200	
<b>10 percent exceeds</b>	404		374		488	
<b>50 percent exceeds</b>	178		199		144	
<b>90 percent exceeds</b>	24		22		2.7	

