

Water-Data Report 2007

**09419547 Blue Point Spring Near Valley Of Fire State Park, NV**

Lower Colorado-Lake Mead Basin  
Lake Mead Subbasin

LOCATION.--Lat 36°23'24", long 114°25'59" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.7, T.18 S., R.68 E., Clark County, NV, Hydrologic Unit 15010005, in Lake Mead National Recreation Area, on right bank, about 4 mi east of Valley of Fire State Park, and 13 mi south of Overton.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Dec 1998 to Sep 1999 (discharge measurements only); Oct 1999 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,540 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 0.70 ft<sup>3</sup>/s, Oct 16, 18, 19, 1999, gage height 4.04 ft; minimum daily, 0.45 ft<sup>3</sup>/s, Mar 8, 9, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.59 ft<sup>3</sup>/s, on many days, gage height, 4.00 ft; minimum daily discharge, 0.54 ft<sup>3</sup>/s, on several days.

## 09419547 Blue Point Spring Near Valley Of Fire State Park, NV—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.54	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
2	0.54	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
3	0.54	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
4	0.54	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.57	0.56
5	0.54	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.57	0.56
6	0.54	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
7	0.54	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
8	0.54	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
9	0.56	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
10	0.56	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
11	0.56	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
12	0.56	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
13	0.56	0.56	0.56	e0.57	e0.58	e0.59	0.59	0.59	0.59	0.56	0.56	0.56
14	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.57	0.56	0.56
15	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.56	0.56	0.56
16	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.56	0.56	0.56
17	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.57	0.56	0.56
18	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.56	0.57	0.56
19	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.56	0.56	0.56
20	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.56	0.56	0.56
21	0.56	0.55	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.55	0.56	0.56
22	0.56	0.54	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.57	0.56	0.56
23	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.57	0.56	0.56
24	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.56	0.56	0.56
25	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.59	0.56	0.56	0.56
26	0.56	0.56	e0.56	e0.57	e0.58	0.59	0.59	0.59	0.56	0.56	0.56	0.56
27	0.56	0.56	e0.56	e0.57	e0.59	0.59	0.59	0.59	0.56	0.57	0.56	0.56
28	0.56	0.56	e0.56	e0.57	e0.59	0.59	0.59	0.59	0.56	0.57	0.56	0.56
29	0.56	0.56	e0.56	e0.58	---	0.59	0.59	0.59	0.56	0.57	0.56	0.56
30	0.56	0.56	e0.56	e0.58	---	0.59	0.59	0.59	0.56	0.56	0.56	0.56
31	0.56	---	e0.57	e0.58	---	0.59	---	0.59	---	0.56	0.56	---
<b>Total</b>	17.20	16.77	17.37	17.70	16.26	18.29	17.70	18.29	17.55	17.42	17.39	16.80
<b>Mean</b>	0.55	0.56	0.56	0.57	0.58	0.59	0.59	0.59	0.58	0.56	0.56	0.56
<b>Max</b>	0.56	0.56	0.57	0.58	0.59	0.59	0.59	0.59	0.59	0.57	0.57	0.56
<b>Min</b>	0.54	0.54	0.56	0.57	0.58	0.59	0.59	0.59	0.56	0.55	0.56	0.56
<b>Ac-ft</b>	34	33	34	35	32	36	35	36	35	35	34	33

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2007, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	0.55	0.56	0.55	0.55	0.54	0.55	0.56	0.55	0.55	0.55	0.55	0.55
<b>Max</b>	0.59	0.62	0.61	0.65	0.58	0.59	0.59	0.59	0.59	0.61	0.62	0.63
<b>(WY)</b>	(2002)	(2000)	(2000)	(2000)	(2007)	(2007)	(2007)	(2007)	(2001)	(2001)	(2001)	(2001)
<b>Min</b>	0.52	0.52	0.49	0.46	0.48	0.51	0.54	0.50	0.48	0.48	0.48	0.49
<b>(WY)</b>	(2001)	(2002)	(2002)	(2002)	(2002)	(2000)	(2005)	(2000)	(2002)	(2002)	(2002)	(2002)

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SUMMARY STATISTICS

	Calendar Year 2006		Water Year 2007		Water Years 2000 - 2007	
<b>Annual total</b>	201.69		208.74			
<b>Annual mean</b>	0.55		0.57		0.55	
<b>Highest annual mean</b>					0.57	2001
<b>Lowest annual mean</b>					0.50	2002
<b>Highest daily mean</b>	0.59	Jan 24	0.59	Feb 27	0.67	Oct 19, 1999
<b>Lowest daily mean</b>	0.52	May 22	0.54	Oct 1	0.45	Mar 8, 2000
<b>Annual seven-day minimum</b>	0.54	Aug 17	0.54	Oct 1	0.45	Jan 10, 2002
<b>Maximum peak flow</b>			0.59 Feb 27		0.70 Oct 16, 1999	
<b>Maximum peak stage</b>			4.00 Mar 13		4.04 Oct 16, 1999	
<b>Annual runoff (ac-ft)</b>	400		414		399	
<b>10 percent exceeds</b>	0.56		0.59		0.59	
<b>50 percent exceeds</b>	0.56		0.57		0.54	
<b>90 percent exceeds</b>	0.54		0.56		0.50	

