



Water-Data Report 2008

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.

DRAINAGE AREA.--Indeterminate.

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 ft³/s, Oct 16, 18, 19, 1999, gage height 4.04 ft; minimum daily, 0.45 ft³/s, Mar 8, 9, 2000.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 0.62 ft³/s, on several days, gage height, 4.01 ft; minimum daily discharge, 0.54 ft³/s, on many days.

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

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.56	e0.55	0.54	e0.58	0.59	0.59	0.59	0.59	0.56	0.56	0.59	0.59
2	0.56	e0.55	0.54	e0.58	0.59	0.59	0.59	0.59	0.56	0.56	0.59	0.58
3	0.56	e0.55	0.54	e0.59	0.59	0.59	0.59	0.59	0.56	0.56	0.59	0.58
4	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.59	0.56	0.56	0.59	0.57
5	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.58
6	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.56
7	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.57
8	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.58
9	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.58
10	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.59
11	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.60
12	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.59
13	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.60
14	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.60
15	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.60
16	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.62
17	0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.62
18	e0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.62
19	e0.56	e0.55	0.54	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.62
20	e0.56	e0.54	0.54	0.59	0.59	0.59	0.59	0.56	0.55	0.56	0.59	0.62
21	e0.56	e0.54	e0.54	0.59	0.59	0.59	0.59	0.56	0.54	0.56	0.59	0.62
22	e0.56	e0.54	e0.54	0.59	0.59	0.59	0.59	0.56	0.54	0.56	0.59	0.62
23	e0.56	e0.54	e0.55	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.60
24	e0.56	e0.54	e0.55	0.59	0.59	0.59	0.59	0.55	0.55	0.56	0.59	0.61
25	e0.56	e0.54	e0.55	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.61
26	e0.56	e0.54	e0.56	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.60
27	e0.56	e0.54	e0.56	0.59	0.59	0.59	0.59	0.56	0.56	0.57	0.59	0.59
28	e0.56	e0.54	e0.57	0.59	0.59	0.59	0.59	0.56	0.56	0.59	0.59	0.59
29	e0.55	0.54	e0.57	0.59	0.59	0.59	0.59	0.56	0.56	0.59	0.59	0.59
30	e0.55	0.54	e0.57	0.59	---	0.59	0.59	0.56	0.56	0.59	0.59	0.59
31	e0.55	---	e0.58	0.59	---	0.59	---	0.56	---	0.59	0.59	---
Total	17.33	16.39	16.94	18.27	17.11	18.29	17.70	17.47	16.74	17.49	18.29	17.89
Mean	0.56	0.55	0.55	0.59	0.59	0.59	0.59	0.56	0.56	0.56	0.59	0.60
Max	0.56	0.55	0.58	0.59	0.59	0.59	0.59	0.59	0.56	0.59	0.59	0.62
Min	0.55	0.54	0.54	0.58	0.59	0.59	0.59	0.55	0.54	0.56	0.59	0.56
Ac-ft	34	33	34	36	34	36	35	35	33	35	36	35

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2000 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	0.55	0.55	0.55	0.56	0.55	0.55	0.56	0.55	0.55	0.55	0.55	0.55
Max	0.59	0.62	0.61	0.65	0.59	0.59	0.59	0.59	0.59	0.61	0.62	0.63
(WY)	(2002)	(2000)	(2000)	(2000)	(2008)	(2007)	(2007)	(2007)	(2001)	(2001)	(2001)	(2001)
Min	0.52	0.52	0.49	0.46	0.48	0.51	0.54	0.50	0.48	0.48	0.48	0.49
(WY)	(2001)	(2002)	(2002)	(2002)	(2002)	(2000)	(2005)	(2000)	(2002)	(2002)	(2002)	(2002)

09419547 Blue Point Spring Near Valley Of Fire State Park, NV—Continued**SUMMARY STATISTICS**

	Calendar Year 2007	Water Year 2008	Water Years 2000 - 2008	
Annual total	208.06	209.91		
Annual mean	0.57	0.57	0.55	
Highest annual mean			0.57	2008
Lowest annual mean			0.50	2002
Highest daily mean	0.59 Feb 27	0.62 Sep 16	0.67 Oct 19, 1999	
Lowest daily mean	0.54 Nov 20	0.54 Nov 20	0.45 Mar 8, 2000	
Annual seven-day minimum	0.54 Nov 20	0.54 Nov 20	0.45 Jan 10, 2002	
Maximum peak flow		0.62 Sep 11	0.70 Oct 16, 1999	
Maximum peak stage		4.01 Sep 11	4.04 Oct 16, 1999	
Annual runoff (ac-ft)	413	416	401	
10 percent exceeds	0.59	0.59	0.59	
50 percent exceeds	0.57	0.58	0.55	
90 percent exceeds	0.55	0.55	0.52	

