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Water-Data Report 2007

**09419550 Rogers Spring Near Overton Beach, NV**

Lower Colorado-Lake Mead Basin  
Lake Mead Subbasin

LOCATION.--Lat 36°22'36", long 114°26'33" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.12, T.18 S., R.67 E., Clark County, NV, Hydrologic Unit 15010005, on right bank, approximately 200 ft downstream of spring pool, in Lake Mead National Recreation Area, 6.6 mi southwest of Overton Beach, and 14 mi south of Overton on North Shore Road.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Aug 1985 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 1,560 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair. Flow sometimes affected by temporary regulation of spring pool outlet for human recreation upstream and animal use.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26 ft<sup>3</sup>/s, Aug 16, 1990, gage height, 3.31 ft, from rating curve extended above 2.2 ft<sup>3</sup>/s, on basis of velocity-area study; minimum daily, 0.90 ft<sup>3</sup>/s, Aug 25, 1992.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 6.4 ft<sup>3</sup>/s, May 26, gage height, 1.59 ft; minimum daily discharge, 1.5 ft<sup>3</sup>/s, June 25, 26.

## Water-Data Report 2007

**09419550 Rogers Spring Near Overton Beach, NV—Continued**

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

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	1.6	1.7	1.8	1.7	1.7	1.6	1.6	1.7	1.7	1.6	1.6	1.6
<b>2</b>	1.6	1.7	1.8	1.7	1.7	1.7	1.6	1.7	1.7	1.6	1.6	1.6
<b>3</b>	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7
<b>4</b>	1.6	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7
<b>5</b>	1.7	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.6
<b>6</b>	1.7	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.7
<b>7</b>	1.6	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.6
<b>8</b>	1.6	1.8	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.7
<b>9</b>	1.6	1.8	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.6
<b>10</b>	1.6	1.8	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.6	1.7	1.6
<b>11</b>	1.6	1.8	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.6	1.7	1.6
<b>12</b>	1.6	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.6
<b>13</b>	1.6	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.8	1.6	1.7	1.6
<b>14</b>	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.8	1.6	1.7	1.6
<b>15</b>	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.8	1.6	1.7	1.6
<b>16</b>	1.7	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.8	1.6	1.7	1.6
<b>17</b>	1.7	1.8	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.6
<b>18</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.6	1.8	1.7	1.6	1.6	1.6
<b>19</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.6	1.8	1.7	1.6	1.6	1.6
<b>20</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.6	1.8	1.7	1.6	1.7	1.6
<b>21</b>	1.7	1.8	1.7	1.7	1.6	1.6	1.6	1.8	1.8	1.6	1.7	1.6
<b>22</b>	1.7	1.8	1.7	1.7	1.6	1.6	1.6	1.8	1.7	1.6	1.7	1.6
<b>23</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.6	1.7	1.8	1.6	1.6	1.6
<b>24</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.8	1.7	1.6	1.6	1.6
<b>25</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.8	1.5	1.7	1.6	1.6
<b>26</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.8	1.5	1.7	1.6	1.6
<b>27</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.6	1.6
<b>28</b>	1.7	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.6	1.7	1.6	1.6
<b>29</b>	1.7	1.8	1.7	1.7	---	1.6	1.7	1.7	1.6	1.7	1.6	1.6
<b>30</b>	1.7	1.8	1.7	1.7	---	1.6	1.7	1.7	1.6	1.6	1.6	1.7
<b>31</b>	1.7	---	1.7	1.7	---	1.7	---	1.7	---	1.6	1.6	---
<b>Total</b>	51.8	53.3	53.3	52.7	45.9	50.9	49.4	53.5	50.8	50.1	51.3	48.5
<b>Mean</b>	1.67	1.78	1.72	1.70	1.64	1.64	1.65	1.73	1.69	1.62	1.65	1.62
<b>Max</b>	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.7
<b>Min</b>	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.5	1.6	1.6	1.6
<b>Ac-ft</b>	103	106	106	105	91	101	98	106	101	99	102	96

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1985 - 2007, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	1.68	1.69	1.66	1.65	1.67	1.65	1.63	1.63	1.67	1.67	1.68	1.66
<b>Max</b>	1.85	1.92	1.89	2.16	2.28	1.94	1.82	1.80	1.89	1.88	2.02	1.91
(WY)	(2000)	(1991)	(1993)	(1993)	(1993)	(1993)	(2000)	(1995)	(1993)	(1993)	(1993)	(1993)
<b>Min</b>	1.54	1.55	1.43	1.27	1.23	1.25	1.22	1.37	1.46	1.38	1.35	1.46
(WY)	(1996)	(1997)	(1997)	(1986)	(1992)	(1987)	(1987)	(1992)	(1992)	(1992)	(1992)	(1989)

**09419550 Rogers Spring Near Overton Beach, NV—Continued****SUMMARY STATISTICS**

	<b>Calendar Year 2006</b>	<b>Water Year 2007</b>	<b>Water Years 1985 - 2007</b>	
<b>Annual total</b>	616.0	611.5		
<b>Annual mean</b>	1.69	1.68	1.66	
<b>Highest annual mean</b>			1.88	1993
<b>Lowest annual mean</b>			1.47	1992
<b>Highest daily mean</b>	1.8	Oct 14	1.8	Aug 16, 1990
<b>Lowest daily mean</b>	1.6	Apr 30	1.5	Jun 25
<b>Annual seven-day minimum</b>	1.6	Apr 30	1.6	Jun 25
<b>Maximum peak flow</b>			6.4	May 26
<b>Maximum peak stage</b>			1.59	May 26
<b>Annual runoff (ac-ft)</b>	1,220	1,210	1,200	
<b>10 percent exceeds</b>	1.7	1.8	1.8	
<b>50 percent exceeds</b>	1.7	1.7	1.7	
<b>90 percent exceeds</b>	1.6	1.6	1.5	

