

Water-Data Report 2011

**09415640 Ash Springs Creek Below Highway 93 At Ash Springs, NV**

Lower Colorado-Lake Mead Basin  
White Subbasin

LOCATION.--Lat 37°27'37", long 115°11'37" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.1, T.6 S., R.60 E., Lincoln County, NV, Hydrologic Unit 15010011, on left bank, 0.2 mi southeast of Ash Springs.

DRAINAGE AREA.--Indeterminate.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Feb. 1999 to July 2011 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 3,589.94 ft above National Geodetic Vertical Datum of 1988.

REMARKS.--Records poor. Diversion for irrigation above station (09415639 - Ash Springs Diversion at Ash Springs, NV)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 40 ft<sup>3</sup>/s, Jun. 28, 2008, gage height, 4.69 ft; minimum daily, 7.2 ft<sup>3</sup>/s, May 18, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge for period Oct. to July, 33 ft<sup>3</sup>/s, July 3, 27, gage height, 4.30 ft; minimum daily discharge, 8.0 ft<sup>3</sup>/s, June 13.

## 09415640 Ash Springs Creek Below Highway 93 At Ash Springs, NV—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**  
[e, estimated]

| Day          | Oct   | Nov  | Dec  | Jan   | Feb  | Mar   | Apr   | May   | Jun   | Jul | Aug | Sep |
|--------------|-------|------|------|-------|------|-------|-------|-------|-------|-----|-----|-----|
| 1            | 20    | 16   | 15   | 17    | 16   | 17    | 17    | 17    | 13    | 15  | --- | --- |
| 2            | 19    | 15   | 14   | 17    | 17   | 17    | 17    | 18    | 12    | 15  | --- | --- |
| 3            | 19    | 16   | 14   | 16    | 17   | 18    | 17    | 17    | 11    | 20  | --- | --- |
| 4            | 19    | 16   | 15   | 16    | 17   | 18    | 16    | 17    | 11    | 22  | --- | --- |
| 5            | 18    | 15   | 15   | 16    | 16   | 21    | 16    | 17    | 11    | 21  | --- | --- |
| 6            | 18    | 15   | 15   | 17    | 17   | 22    | 16    | 17    | 14    | 19  | --- | --- |
| 7            | 17    | 15   | 14   | 17    | 16   | 20    | 16    | 17    | 15    | 18  | --- | --- |
| 8            | 17    | 15   | 15   | 18    | 16   | 18    | 16    | e17   | 14    | --- | --- | --- |
| 9            | 18    | 15   | 15   | 17    | 16   | 17    | 17    | 17    | 14    | --- | --- | --- |
| 10           | 17    | 15   | 15   | 17    | 16   | 18    | 17    | 17    | 14    | --- | --- | --- |
| 11           | 17    | 14   | 15   | 17    | 16   | 18    | 16    | 18    | 16    | --- | --- | --- |
| 12           | 18    | 14   | 16   | 17    | 16   | 17    | 17    | 18    | 13    | --- | --- | --- |
| 13           | 18    | 14   | 17   | 16    | 17   | 16    | 17    | 17    | 8.0   | --- | --- | --- |
| 14           | 18    | 14   | 17   | 16    | 15   | 16    | 17    | 17    | e12   | --- | --- | --- |
| 15           | 18    | 15   | 17   | 15    | 15   | 16    | 17    | 18    | 16    | --- | --- | --- |
| 16           | 21    | 15   | 17   | 15    | 15   | 16    | 18    | 18    | 16    | --- | --- | --- |
| 17           | 21    | 15   | 18   | 16    | 15   | 16    | 19    | 17    | 21    | --- | --- | --- |
| 18           | 20    | 15   | 17   | 16    | 16   | 16    | 18    | 18    | 20    | --- | --- | --- |
| 19           | 20    | 16   | 16   | 16    | 16   | 16    | 18    | 18    | 19    | --- | --- | --- |
| 20           | 19    | 16   | 16   | 16    | 16   | 15    | 18    | 17    | 18    | --- | --- | --- |
| 21           | 20    | 17   | 16   | 17    | 16   | 15    | 18    | 17    | 17    | --- | --- | --- |
| 22           | 19    | 17   | 16   | 17    | 16   | 15    | 17    | 17    | 17    | --- | --- | --- |
| 23           | 19    | 16   | 16   | 17    | 16   | 15    | 18    | 16    | 17    | --- | --- | --- |
| 24           | 19    | 16   | 16   | 17    | 16   | 16    | 18    | 16    | 16    | --- | --- | --- |
| 25           | 19    | 16   | 16   | 17    | 16   | 15    | 18    | 16    | 16    | --- | --- | --- |
| 26           | 18    | 16   | 15   | 17    | 17   | 15    | 18    | 16    | 16    | --- | --- | --- |
| 27           | 18    | 16   | 15   | 17    | 17   | 15    | 17    | 16    | 16    | --- | --- | --- |
| 28           | 18    | 16   | 16   | 16    | 17   | 15    | 18    | 12    | 16    | --- | --- | --- |
| 29           | 16    | 15   | 16   | 16    | ---  | 15    | 18    | 8.8   | 15    | --- | --- | --- |
| 30           | 15    | 15   | 16   | 16    | ---  | 15    | 17    | e8.5  | 15    | --- | --- | --- |
| 31           | 16    | ---  | 16   | 16    | ---  | 16    | ---   | e10   | ---   | --- | --- | --- |
| <b>Total</b> | 569   | 461  | 487  | 511   | 452  | 515   | 517   | 500.3 | 449.0 | --- | --- | --- |
| <b>Mean</b>  | 18.4  | 15.4 | 15.7 | 16.5  | 16.1 | 16.6  | 17.2  | 16.1  | 15.0  | --- | --- | --- |
| <b>Max</b>   | 21    | 17   | 18   | 18    | 17   | 22    | 19    | 18    | 21    | --- | --- | --- |
| <b>Min</b>   | 15    | 14   | 14   | 15    | 15   | 15    | 16    | 8.5   | 8.0   | --- | --- | --- |
| <b>Ac-ft</b> | 1,130 | 914  | 966  | 1,010 | 897  | 1,020 | 1,030 | 992   | 891   | --- | --- | --- |

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2011, BY WATER YEAR (WY)**

|             | Oct    | Nov    | Dec    | Jan    | Feb    | Mar    | Apr    | May    | Jun    | Jul    | Aug    | Sep    |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>Mean</b> | 15.7   | 14.7   | 14.7   | 14.8   | 15.4   | 15.6   | 15.2   | 14.9   | 15.0   | 15.1   | 15.2   | 15.7   |
| <b>Max</b>  | 18.4   | 17.5   | 18.4   | 17.6   | 18.9   | 19.2   | 19.0   | 17.2   | 17.9   | 18.1   | 18.5   | 18.4   |
| <b>(WY)</b> | (2011) | (2009) | (2009) | (2010) | (2010) | (2008) | (2008) | (2007) | (2010) | (2007) | (2007) | (2007) |
| <b>Min</b>  | 13.4   | 11.0   | 12.4   | 11.1   | 10.8   | 11.5   | 11.0   | 11.7   | 12.5   | 12.5   | 12.8   | 13.5   |
| <b>(WY)</b> | (2006) | (2006) | (2004) | (2006) | (2006) | (2006) | (2006) | (2006) | (2006) | (2005) | (2006) | (2005) |

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SUMMARY STATISTICS

|                                 | Calendar Year 2010 |        | Water Years 1999 - 2011 |              |
|---------------------------------|--------------------|--------|-------------------------|--------------|
| <b>Annual total</b>             | 6,336              |        |                         |              |
| <b>Annual mean</b>              | 17.4               |        | 15.1                    |              |
| <b>Highest annual mean</b>      |                    |        | 17.6                    | 2010         |
| <b>Lowest annual mean</b>       |                    |        | 12.1                    | 2006         |
| <b>Highest daily mean</b>       | 21                 | Sep 22 | 22                      | Mar 6, 2011  |
| <b>Lowest daily mean</b>        | 14                 | May 14 | 7.2                     | May 18, 2002 |
| <b>Annual seven-day minimum</b> | 14                 | Nov 8  | 9.6                     | Nov 10, 2006 |
| <b>Maximum peak flow</b>        |                    |        | 40                      | Jun 28, 2008 |
| <b>Maximum peak stage</b>       |                    |        | 6.30                    | Aug 26, 2011 |
| <b>Annual runoff (ac-ft)</b>    | 12,570             |        | 10,950                  |              |
| <b>10 percent exceeds</b>       | 19                 |        | 18                      |              |
| <b>50 percent exceeds</b>       | 17                 |        | 15                      |              |
| <b>90 percent exceeds</b>       | 15                 |        | 12                      |              |

