Statistical Summaries of Streamflow in Montana and Adjacent Areas, Water Years 1900 through 2002

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In cooperation with the

Montana Department of Environmental Quality,
Confederated Salish and Kootenai Tribes, and
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U.S. Department of the Interior
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Statistical summaries of streamflow in Montana and adjacent areas, water years 1900 through 2002
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Conversion Factors, Datum, Symbols, Acronyms,
and Abbreviations

<table>
<thead>
<tr>
<th>Multiply</th>
<th>By</th>
<th>To obtain</th>
</tr>
</thead>
<tbody>
<tr>
<td>foot (ft)</td>
<td>0.3048</td>
<td>meter (m)</td>
</tr>
<tr>
<td>mile (mi)</td>
<td>1.609</td>
<td>kilometer (km)</td>
</tr>
<tr>
<td>acre</td>
<td>4.047</td>
<td>square meter (m²)</td>
</tr>
<tr>
<td>acre</td>
<td>0.4047</td>
<td>hectare (ha)</td>
</tr>
<tr>
<td>acre</td>
<td>0.004047</td>
<td>square kilometer (km²)</td>
</tr>
<tr>
<td>acre-foot (acre-ft)</td>
<td>1,233</td>
<td>cubic meter (m³)</td>
</tr>
<tr>
<td>square mile (mi²)</td>
<td>259.0</td>
<td>hectare (ha)</td>
</tr>
<tr>
<td>cubic foot per second</td>
<td>0.02832</td>
<td>cubic meter per second</td>
</tr>
<tr>
<td>acre-foot per month</td>
<td>102.75</td>
<td>cubic meter per month</td>
</tr>
</tbody>
</table>
Vertical coordinate information (this report) in the United States is referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29). Horizontal coordinate information (this report) in the United States is referenced to the North American Datum of 1927 (NAD 27).

Water year: The 12-month period October 1 through September 30. It is designated by the calendar year in which it ends.

River mile: The distance along the meandering path of the stream channel. River mile is typically used to denote location along a river, in miles upstream from the mouth of the river (U.S. Geological Survey, 2002c, p. 57).

Symbols used in this report:

% percent
-- value not determined

Acronyms and abbreviations used in this report:

ADAPS Automated Data Processing System
FAS Federal-Aid Secondary Highway System, which is composed of the principal secondary and feeder routes including farm-to-market roads, rural-mail and public-school bus routes, local-rural roads, county and township roads, and county roads.
IOWDM Input and Output for Watershed Data Management
Lat latitude
Long longitude
(M) Abbreviation for revised instantaneous maximum discharge.
(P) Abbreviation for revised supplementary peak discharge (maximum for the year might or might not have been revised, but at least one lesser peak discharge was revised).
SWSTAT Surface-Water Statistics computer program
USGS U.S. Geological Survey
WDR-MT Water-Data Report, in REVISED RECORDS paragraphs refers to the U.S. Geological Survey Montana State annual data report. The next two numbers are the water year of the report. The last number is the volume number. “WRD” was used as an abbreviation in reports published before 1976.
WSP Water-Supply Paper, which is a series of U.S. Geological Survey publications. The next 3 to 4 numbers are the Water-Supply Paper number, which occasionally contains a chapter letter (for example, WSP 1320-B).