

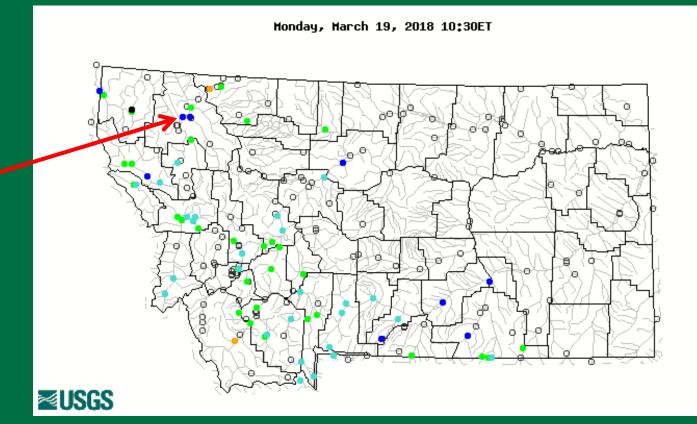
Montana Streamflow Conditions

Jill Frankforter and Katherine Chase Wyoming-Montana Water Science Center U.S. Geological Survey

Prepared for the State of Montana Governor's Drought and Water Supply Advisory Committee March 20, 2018 Yellowstone River at Sidney February 2018

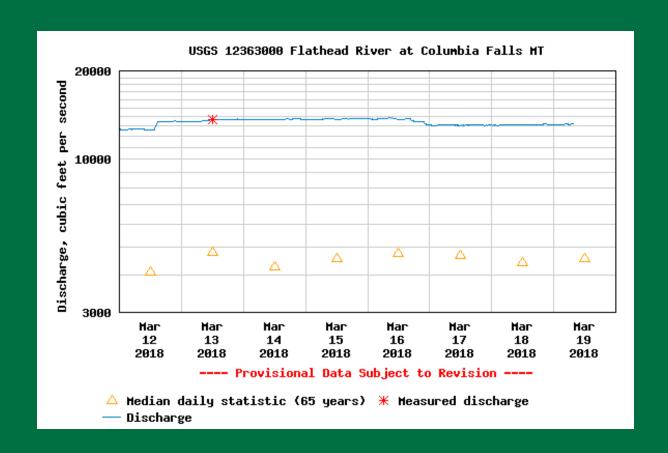
U.S. Department of the Interior U.S. Geological Survey

1236300
Flathead R
at Columbia
Falls





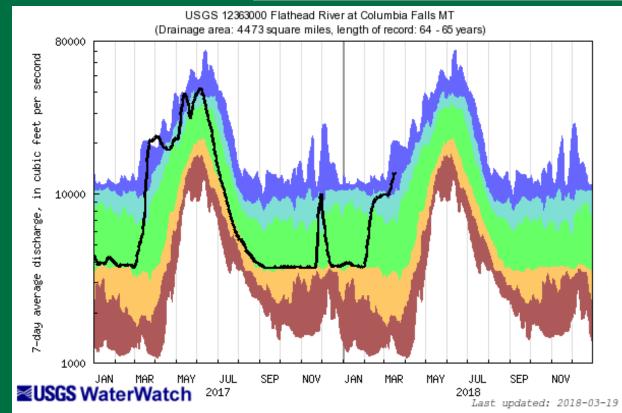
12363000 Flathead River at Columbia Falls





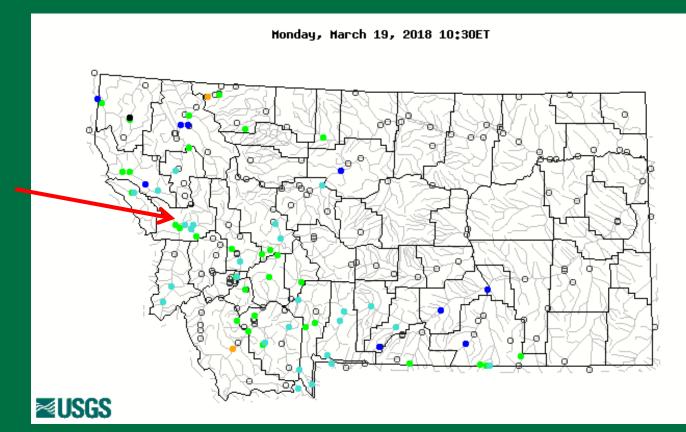
12363000 Flathead River at Columbia Falls

| E | Explanat | tion - Pe | rcentile | classes | |
|----------------------------|-----------------|-----------|-----------------|-----------------------------|------|
| | | | | | _ |
| lowest- 10th percentile | 10-24 | 25-75 | 76-90 | 90th percentile -highest | Flow |
| Much below normal | Below normal | Normal | Above normal | Much above normal | |



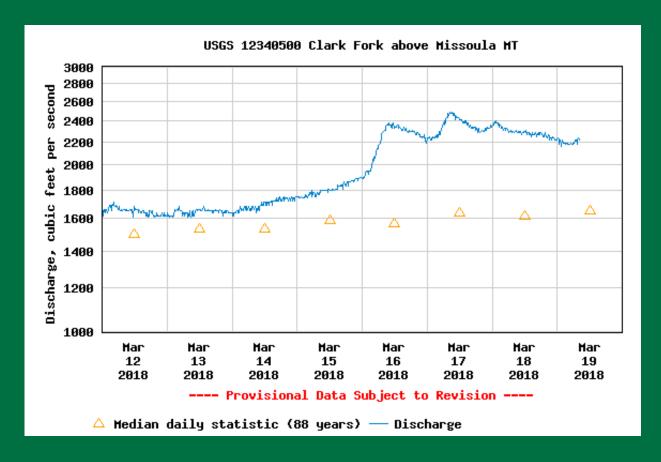


12340500 Clark Fork R above Missoula





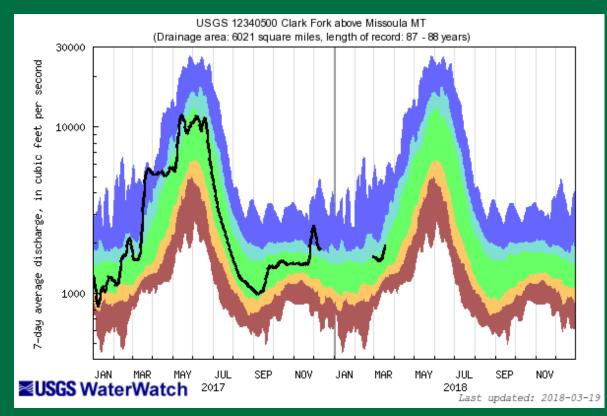
12340500 Clark Fork above Missoula





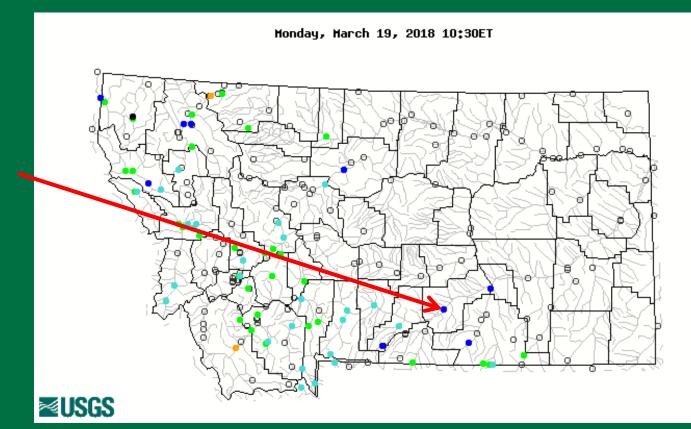
12340500 Clark Fork above Missoula

| E | Explana | tion - Pe | rcentile | classes | |
|----------------------------|-----------------|-----------|-----------------|-----------------------------|------|
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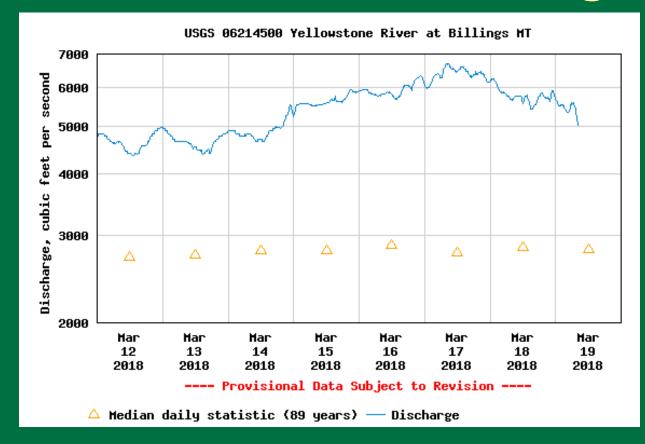


06214500 Yellowstone R at Billings





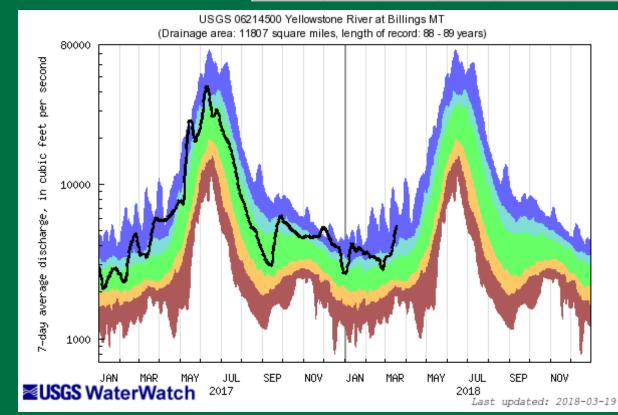
06214500Yellowstone River at Billings





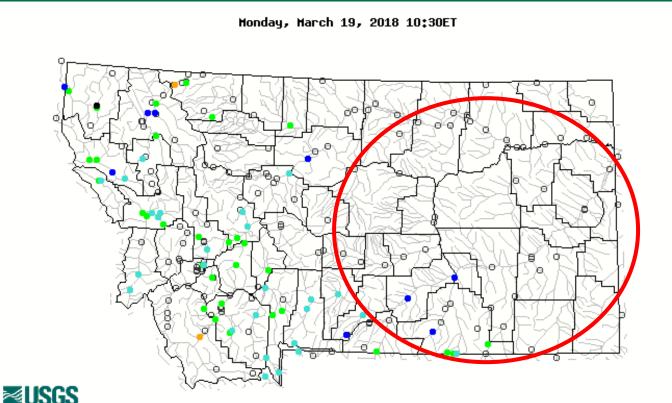
06214500 Yellowstone River at Billings

| E | Explanat | tion - Pe | rcentile | classes | |
|----------------------------|-----------------|-----------|-----------------|-----------------------------|------|
| | | | | | _ |
| lowest- 10th percentile | 10-24 | 25-75 | 76-90 | 90th percentile -highest | Flow |
| Much below normal | Below normal | Normal | Above normal | Much above normal | |



















Proposed Ice Jam Data Collection App

| GS Ice Ja | m | About |
|-----------|--|--|
| | Add New IceJam | |
| Filter D | DATEmm dd yy TIMEAM PM OBSERVERS NAME and CONTACT INFO: | |
| Add New | RIVERSTREAM NAME: NEAREST TOWN: LOCATION OF OBSERVATION: (attach a map if desired) Area Nites Location of frontest roads: Location of frontest roads: | Office of the control |
| | Location of nearest bridge landmark. Distance to nearest Town: Is this a changed condition: Is flooding occurring, describe: Is damaging occurring of has occurred? Describe: Is there a Ploto? Yes No File: | OWashington |
| | Photo description | aleigh |





Flathead R at Perma, 12/20/2016, Chad Reese

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