

Libby : January Runoff Forecast & Flood Control Calculation

WY 2009

Runoff Forecast and Flood Control

| | | | |
|--------------------------------|---------|--------|-----|
| Most Probable Runoff Volume: | Apr-Aug | 5526 | KAF |
| | Apr-Jul | 5032 | KAF |
| | May-Jul | 4575 | KAF |
| 31-Jan Flood Control Space | | 1421 | KAF |
| 31-Jan Flood Control Elevation | | 2426.2 | ft |

| 1929-1999 Average | Percent of Average |
|-------------------|--------------------|
| 6337 | 87% |
| 5771 | 87% |
| 5247 | 87% |

Seasonal Flood Control VARQ Flood Control Implemented

| Forecast Date >> | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun |
|-------------------------|--------|--------|--------|-----|-----|-----|-----|-----|
| Apr-Aug Runoff Forecast | 6828 | 5944 | 5526 | | | | | |
| First-of-Month Elev | 2441.0 | 2434.7 | 2411.0 | | | | | |

| Date >> | 30-Nov | 31-Dec | 31-Jan | 28-Feb | 15-Mar | 31-Mar | 15-Apr | 30-Apr |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Flood Control Space | 500 | 2000 | 1421 | | | | | |
| Flood Control Elevation | 2448.0 | 2411.0 | 2426.2 | | | | | |

Spread of values around expected forecast

