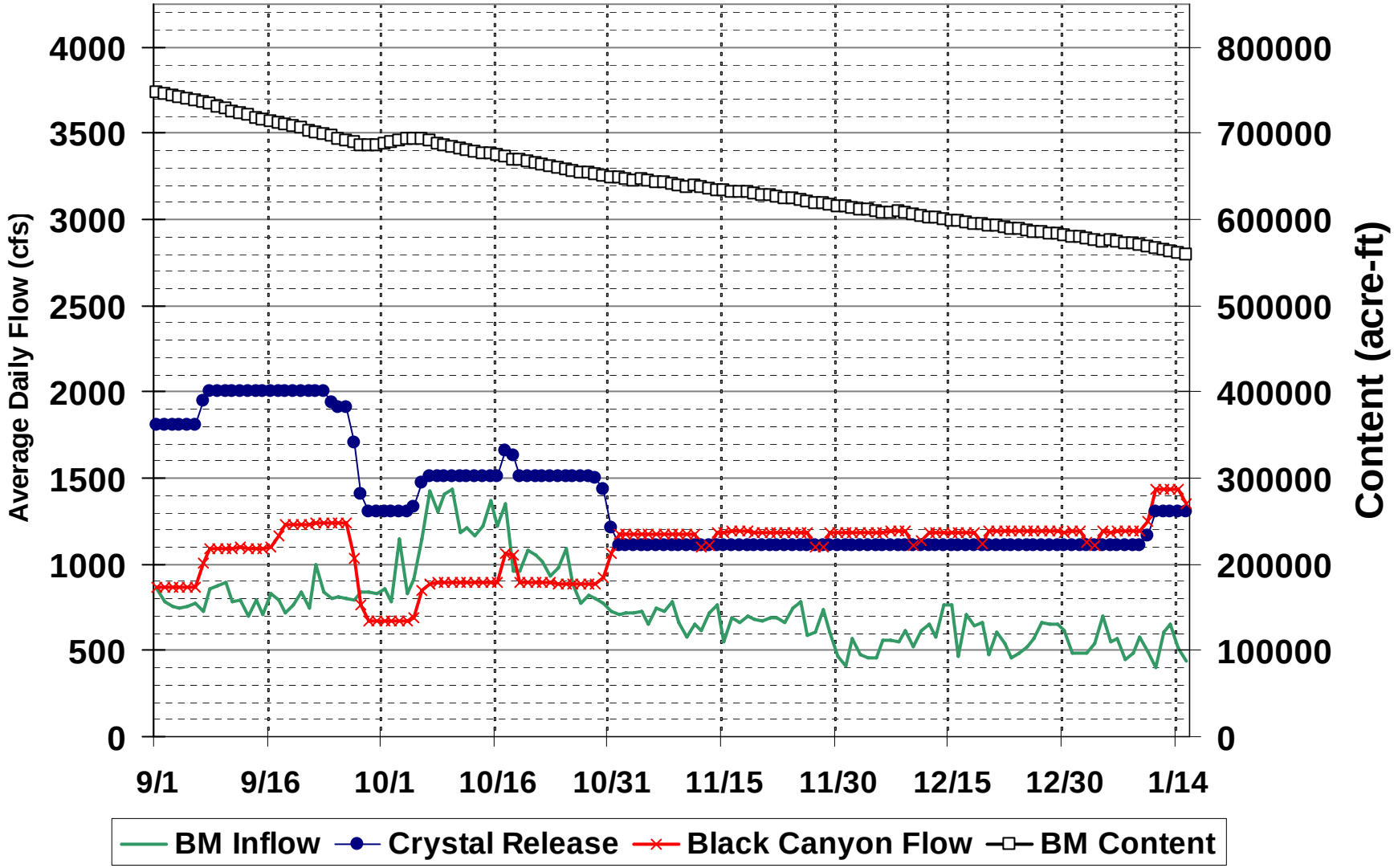
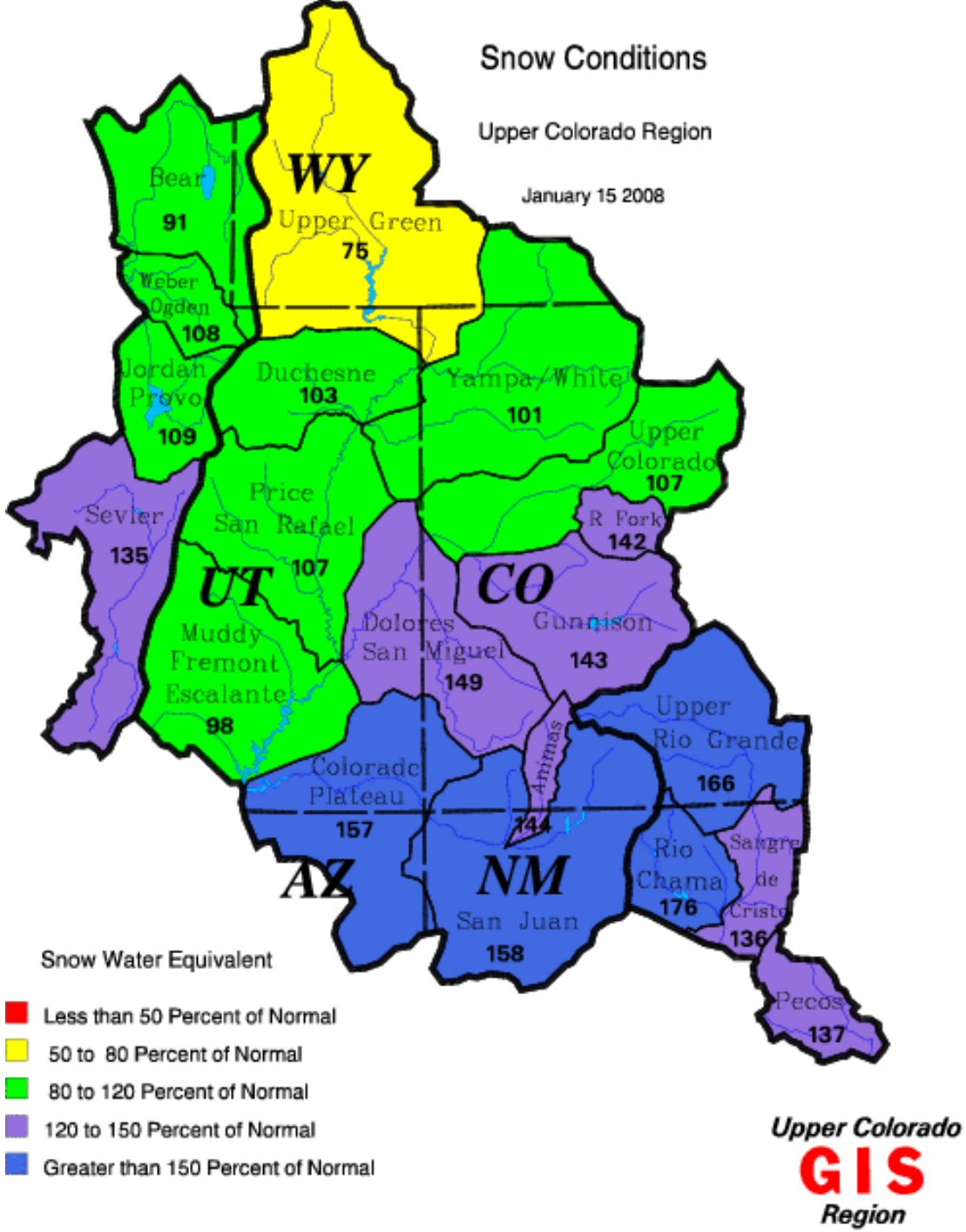
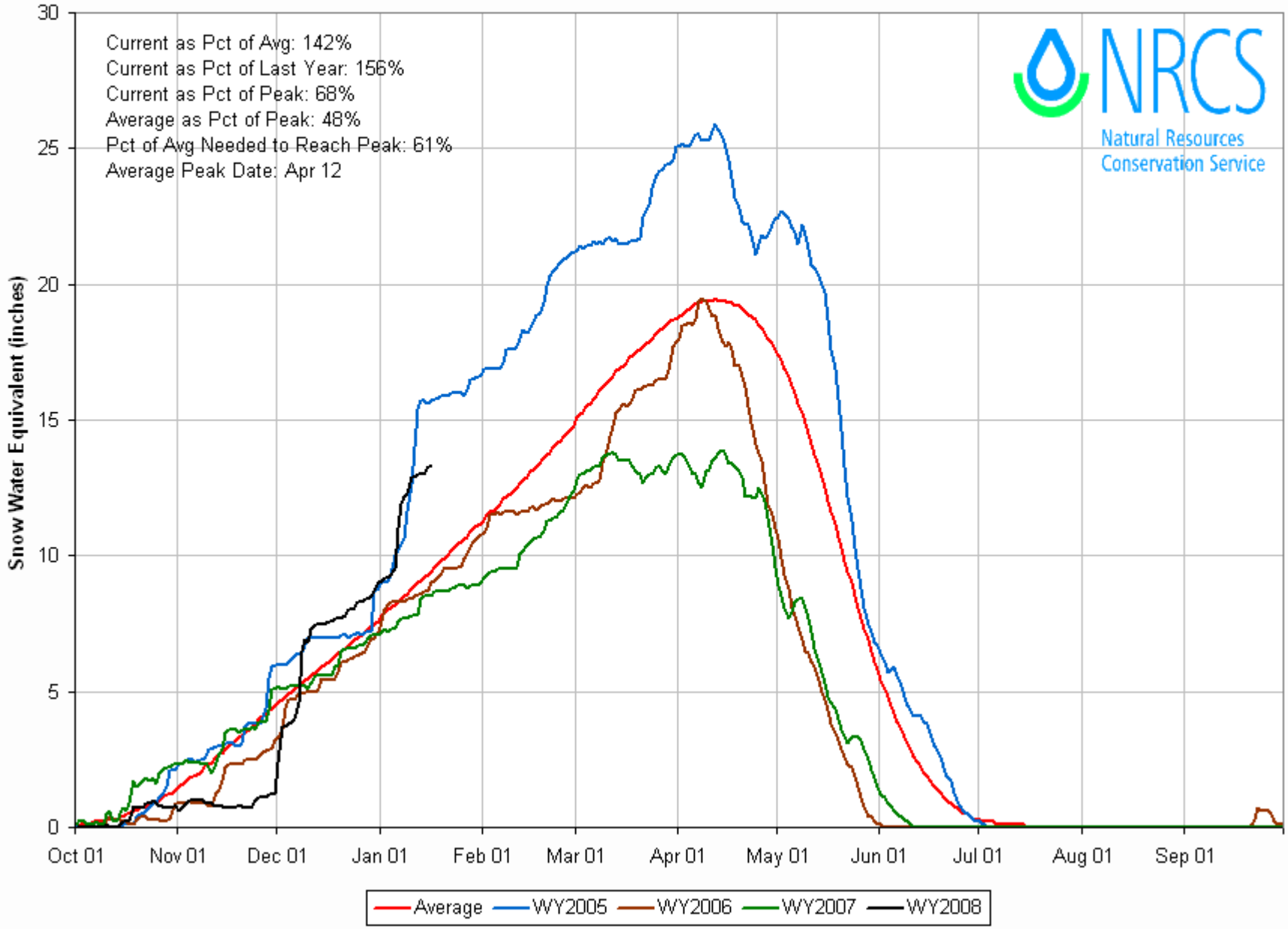
September 2007 - January 2008

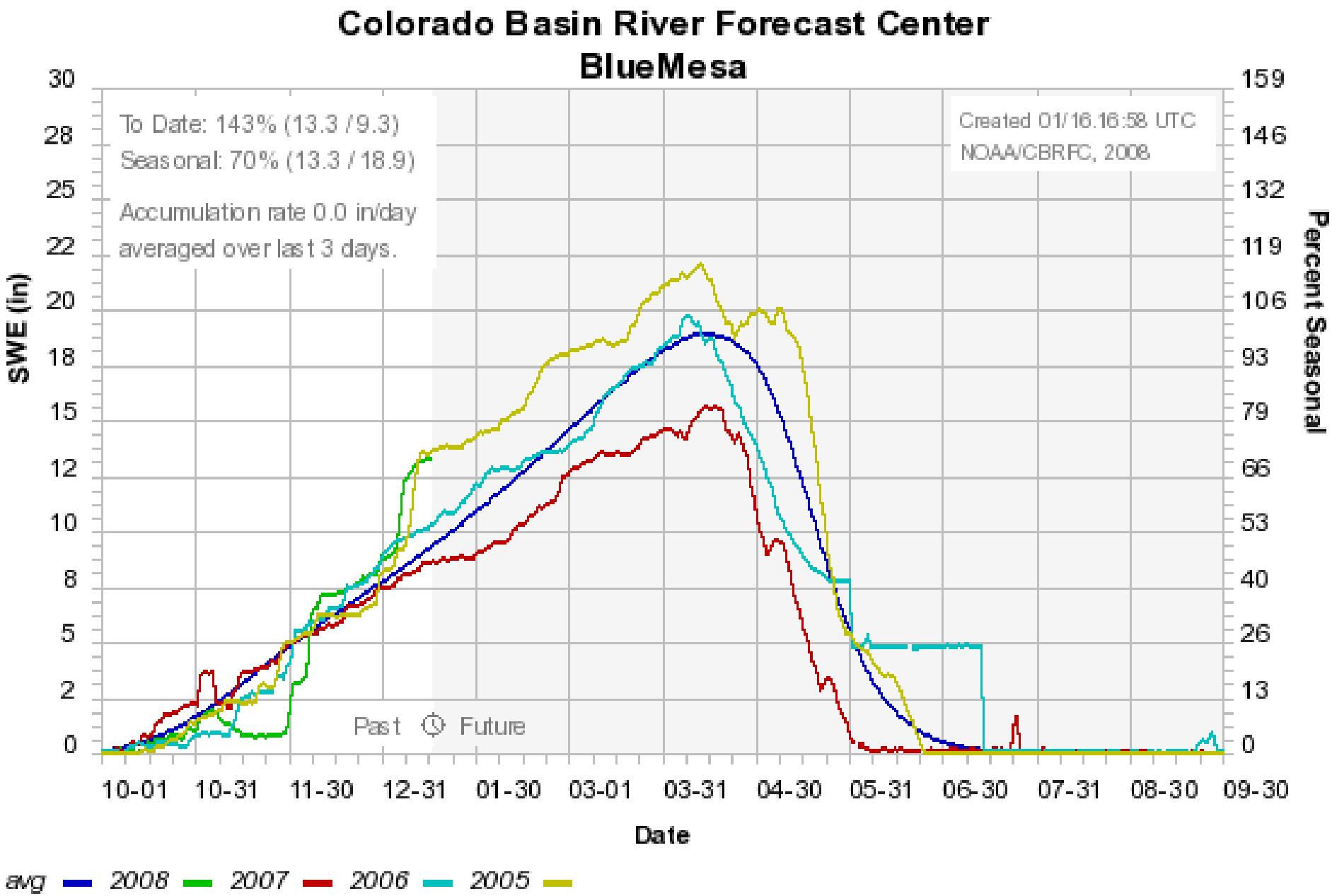



Snow Conditions
Upper Colorado Region
January 15 2008
WY
Bear
91
Upper Green
75
Weber
Ogden
108
Jordan
Provo
109
Duchesne
103
Yampa/White
101
Upper
Colorado
107
Sevier
135
Price
San Rafael
107
R Fork
142
UT
CO
Muddy
Fremont
Escalante
98
Dolores
San Miguel
149
Gunnison
143
Upper
Rio Grande
166
Colorado
Plateau
157
Animas
144
AZ
NM
Rio
Chama
176
Sangre
de
Cristo
136
San Juan
158
Pecos
137
Snow Water Equivalent
Less than 50 Percent of Normal
50 to 80 Percent of Normal
80 to 120 Percent of Normal
120 to 150 Percent of Normal
Greater than 150 Percent of Normal
Upper Colorado
GIS
Region
Data Provided by the Natural Resource Conservation Service

Gunnison River Basin Time Series Snowpack Summary

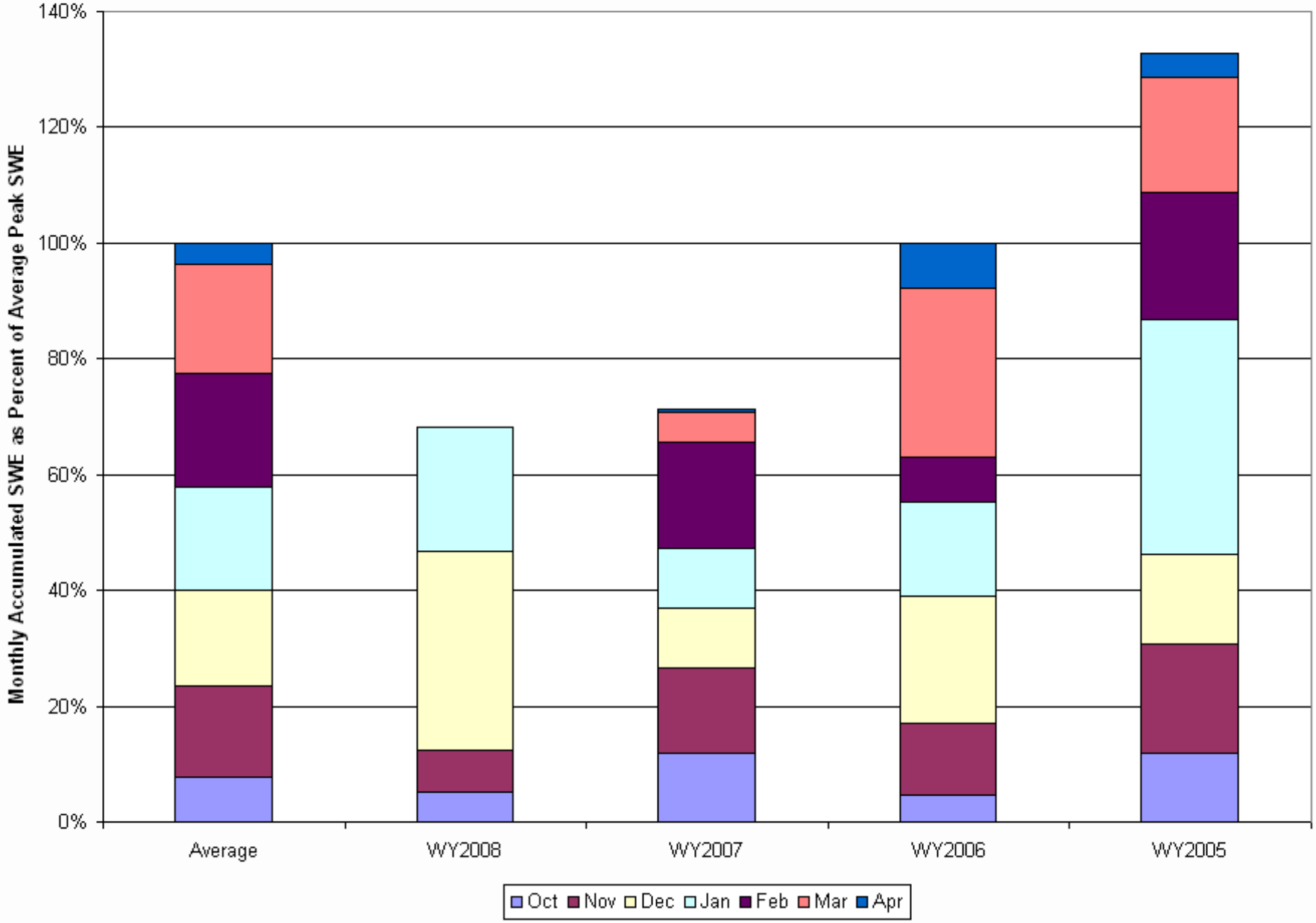
Based on Provisional SNOTEL data as of Jan 16, 2008




Colorado Basin River Forecast Center
BlueMesa
To Date: 143% (13.3 / 9.3)
Seasonal: 70% (13.3 / 18.9)
Accumulation rate 0.0 in/day
averaged over last 3 days.
Created 01/16 16:58 UTC
NOAA/CBRFC, 2008
Past
Future
SWE (in)
Percent Seasonal
Date
30
28
25
22
20
18
15
12
10
8
5
2
0
159
146
132
119
106
93
79
66
53
40
26
13
0
10-01
10-31
11-30
12-31
01-30
03-01
03-31
04-30
05-31
06-30
07-31
08-30
09-30
avg
2008
2007
2006
2005

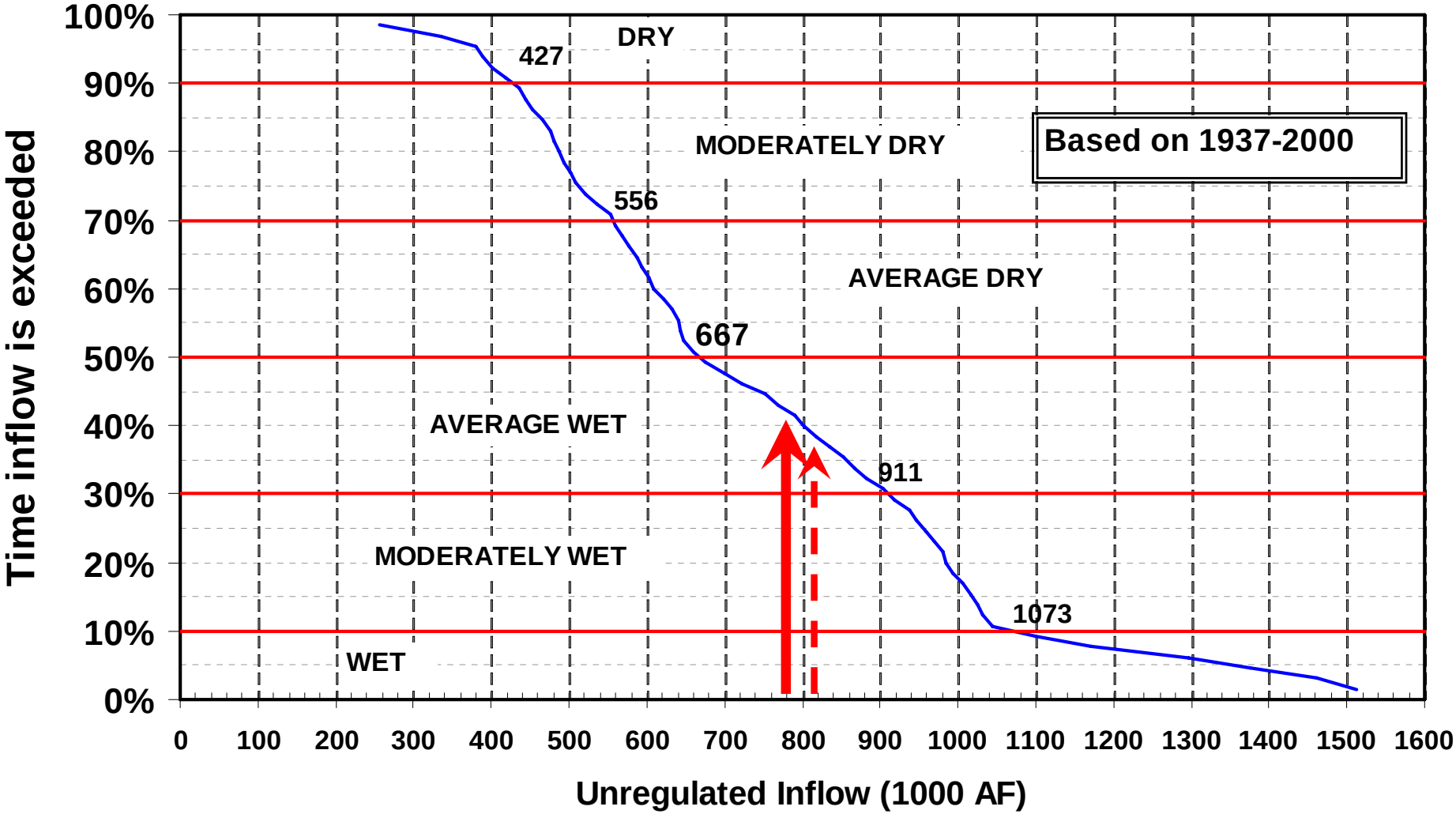
Gunnison River Basin Time Series Monthly Snowpack Summary

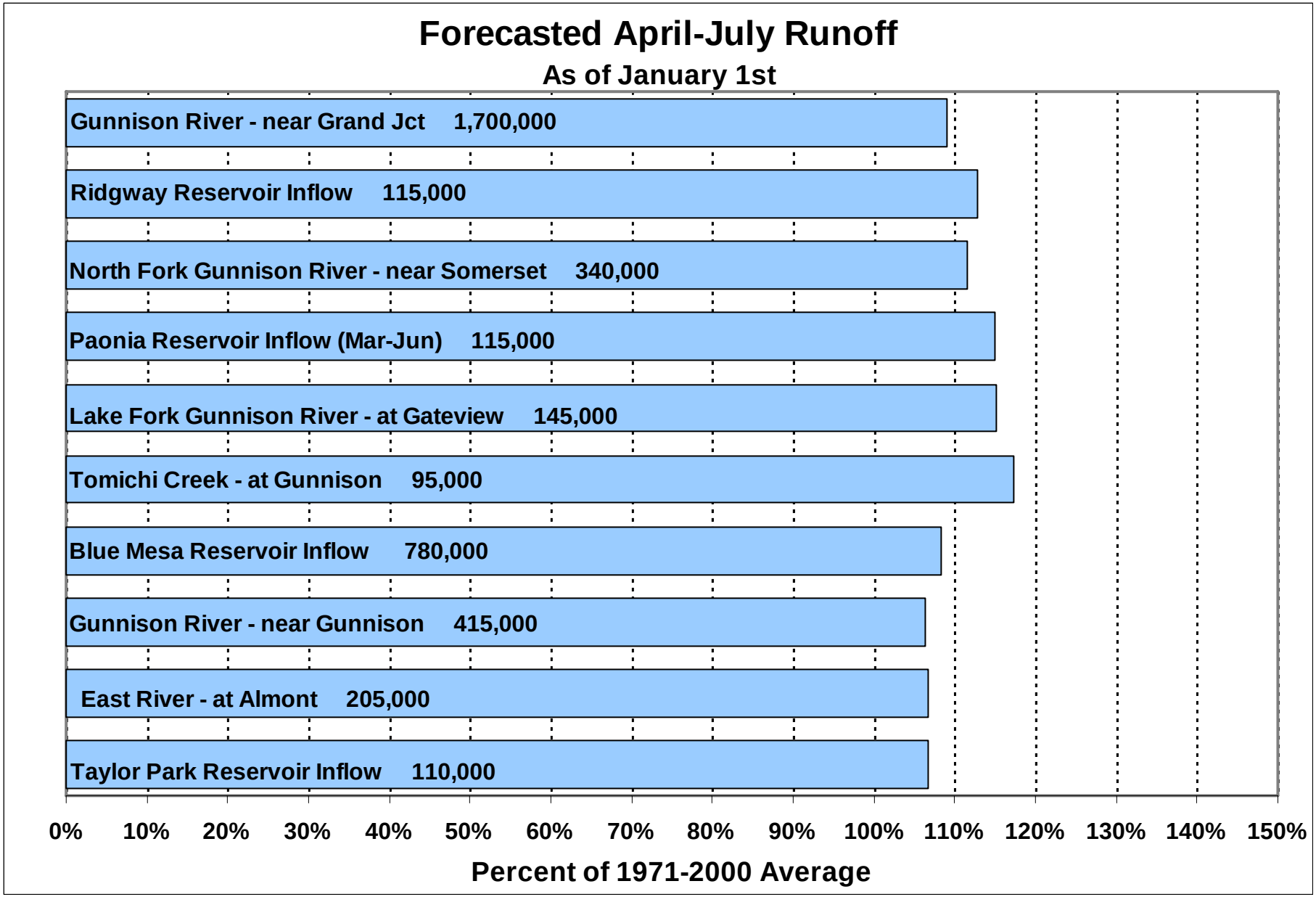
Based on Provisional SNOTEL data as of Jan 16, 2008



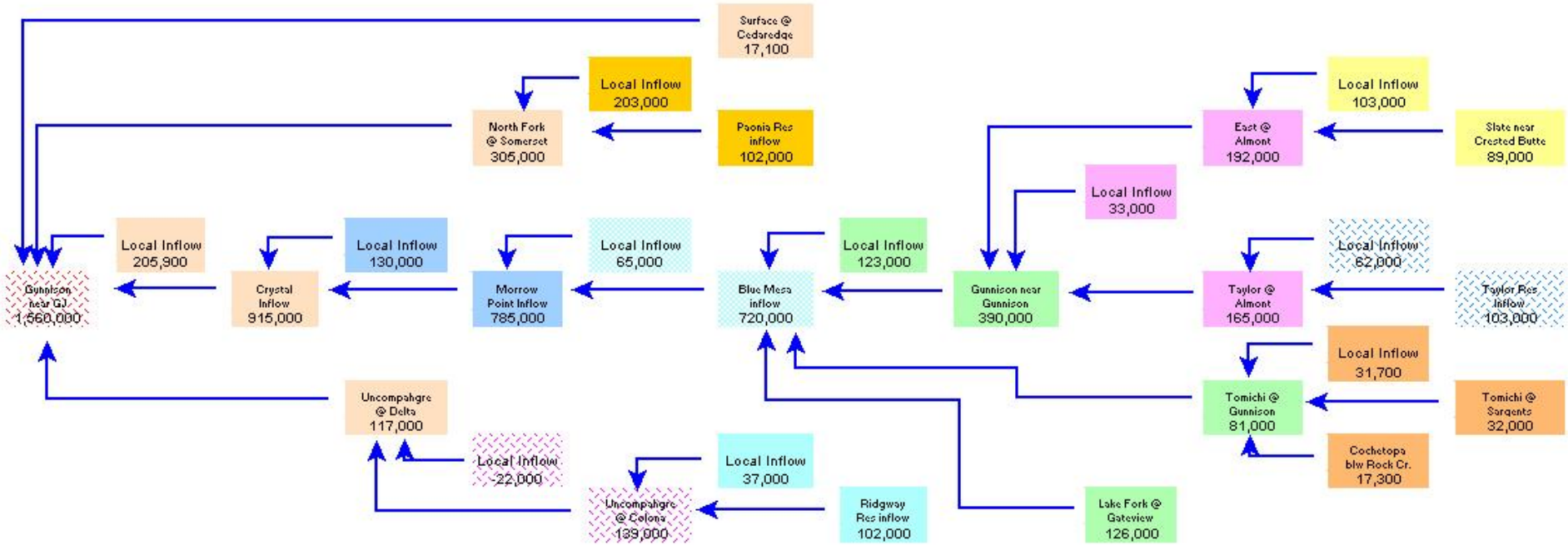
Blue Mesa Reservoir

April - July Unregulated Inflow

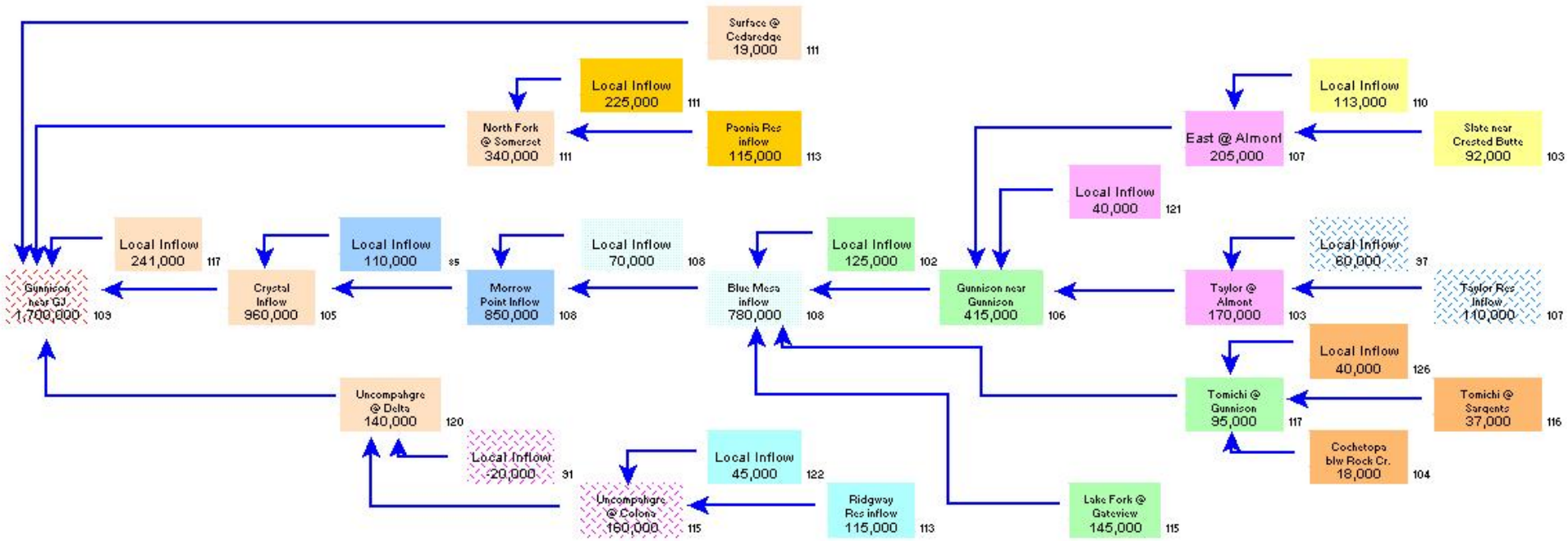


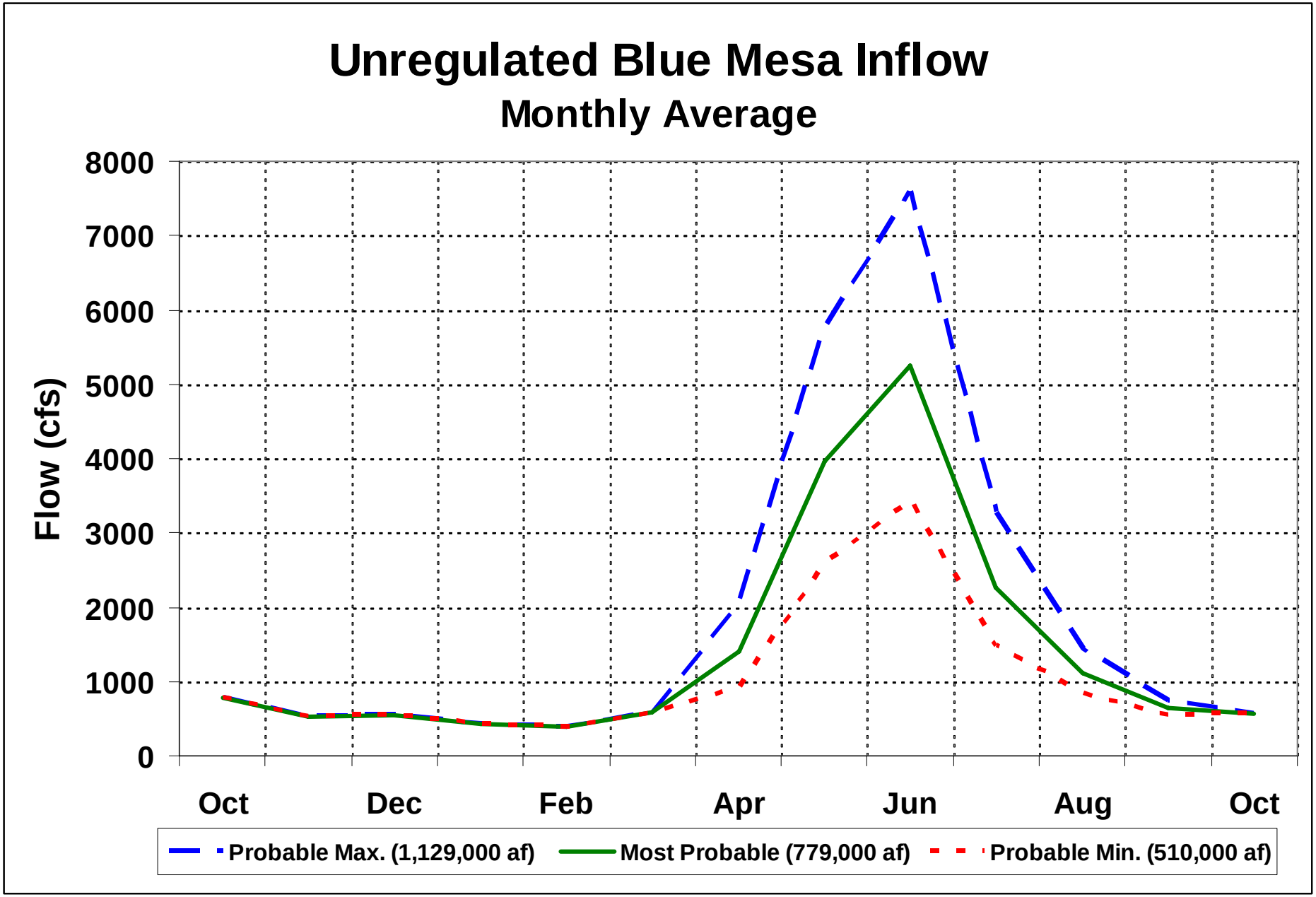

Forecasted April-July Runoff
As of January 1st
Gunnison River - near Grand Jct 1,700,000
Ridgway Reservoir Inflow 115,000
North Fork Gunnison River - near Somerset 340,000
Paonia Reservoir Inflow (Mar-Jun) 115,000
Lake Fork Gunnison River - at Gateview 145,000
Tomichi Creek - at Gunnison 95,000
Blue Mesa Reservoir Inflow 780,000
Gunnison River - near Gunnison 415,000
East River - at Almont 205,000
Taylor Park Reservoir Inflow 110,000
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
110%
120%
130%
140%
150%
Percent of 1971-2000 Average

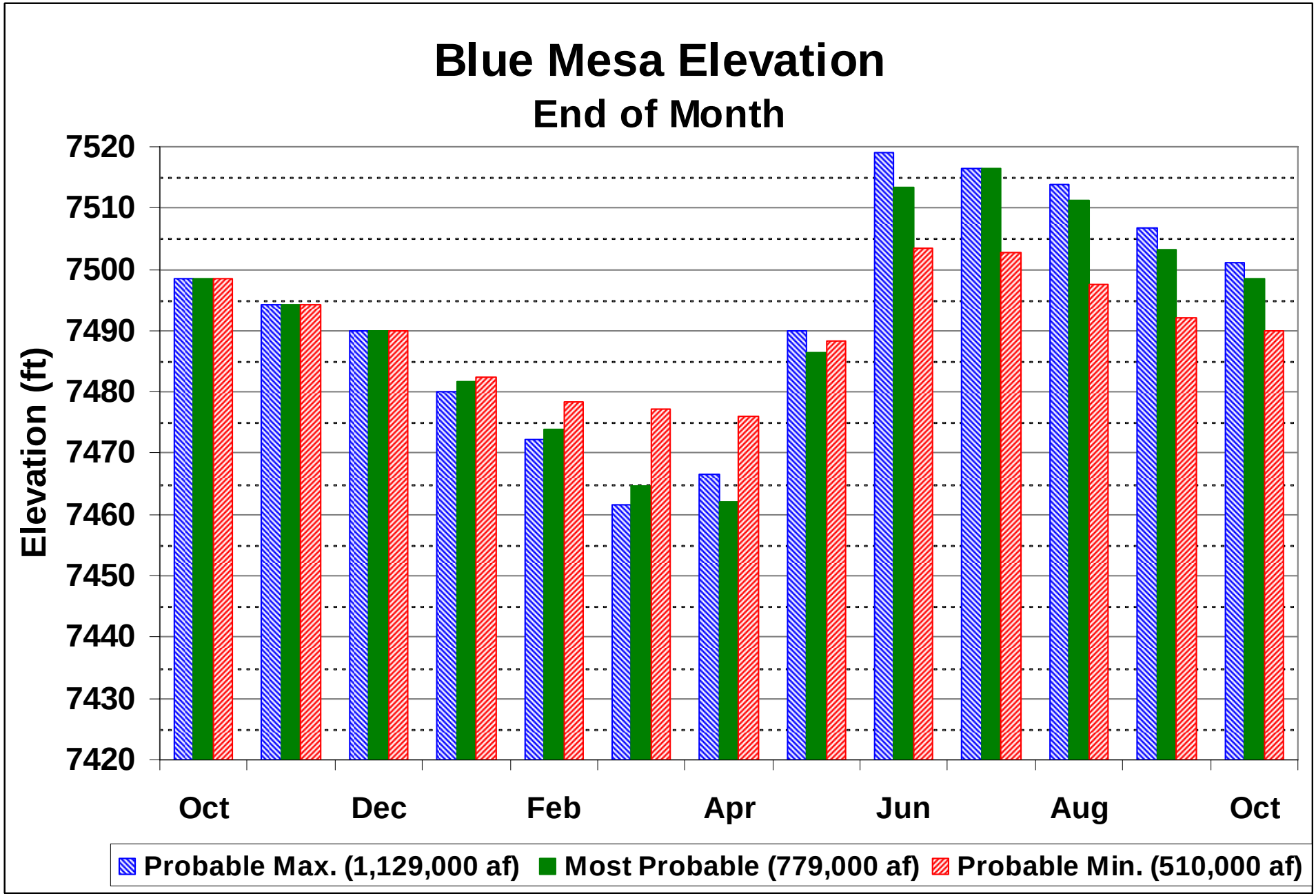
AVERAGE April-July RUNOFF ac-ft

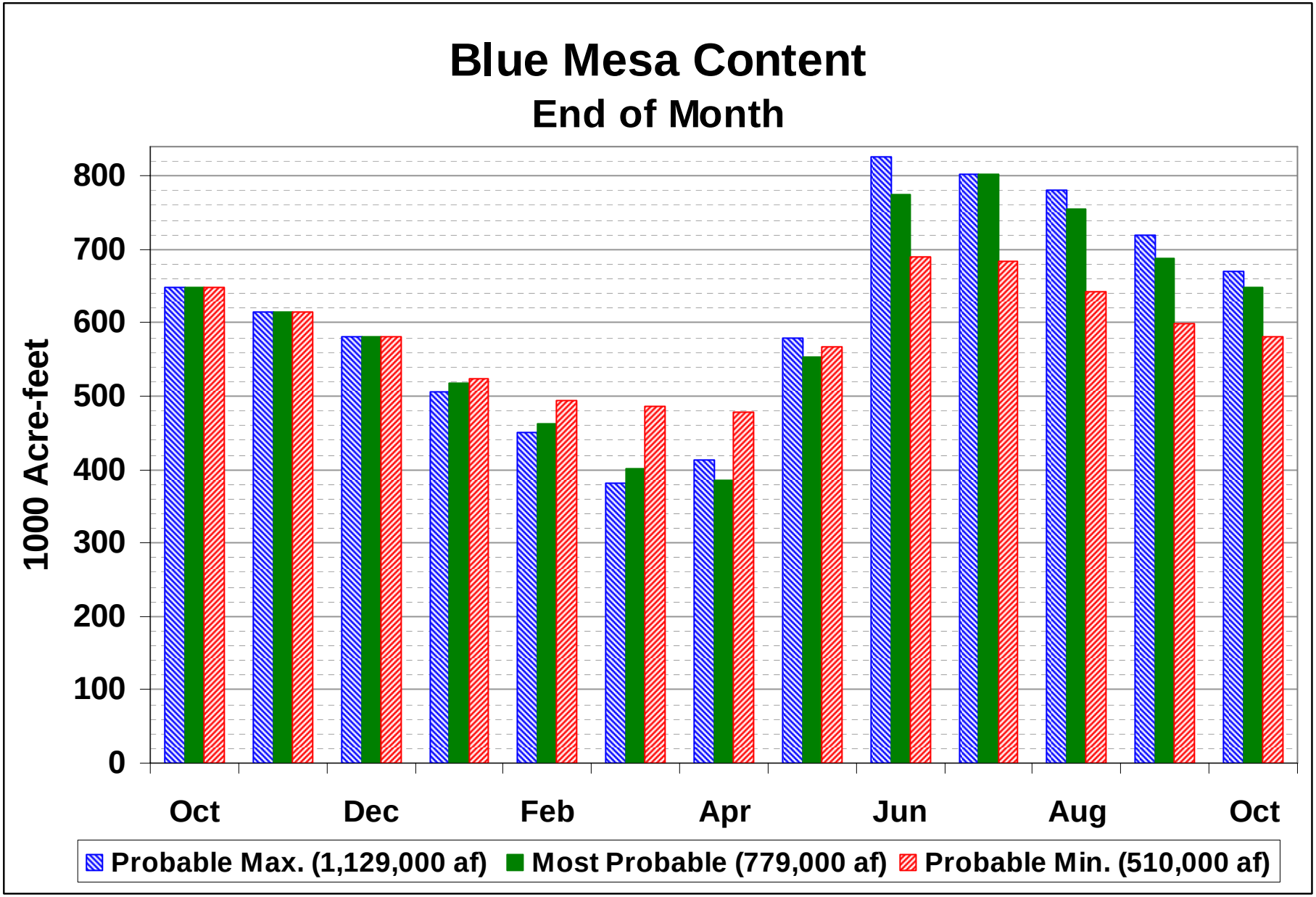


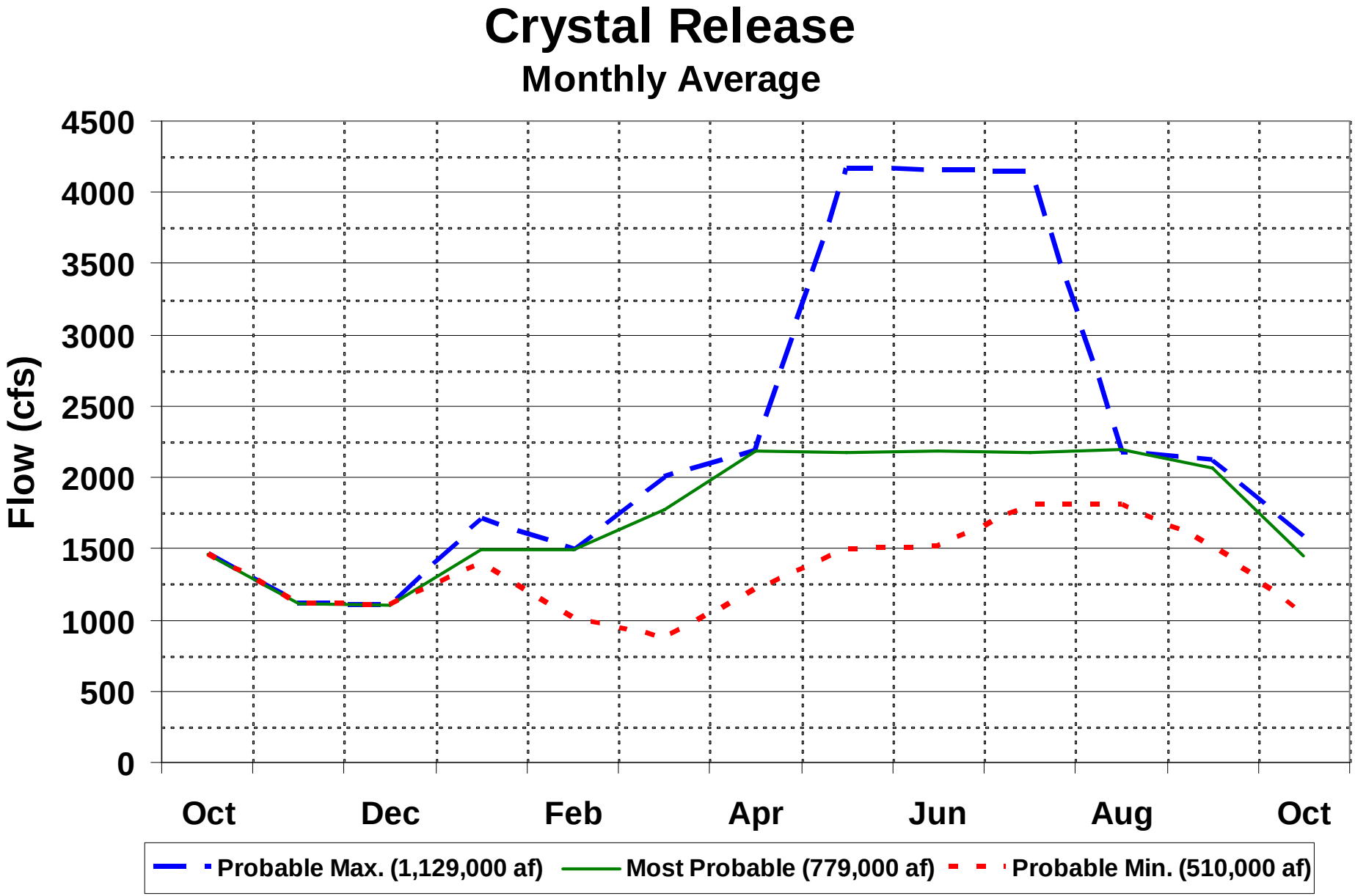
JAN 1 FORECASTED 2008 April-July RUNOFF ac-ft

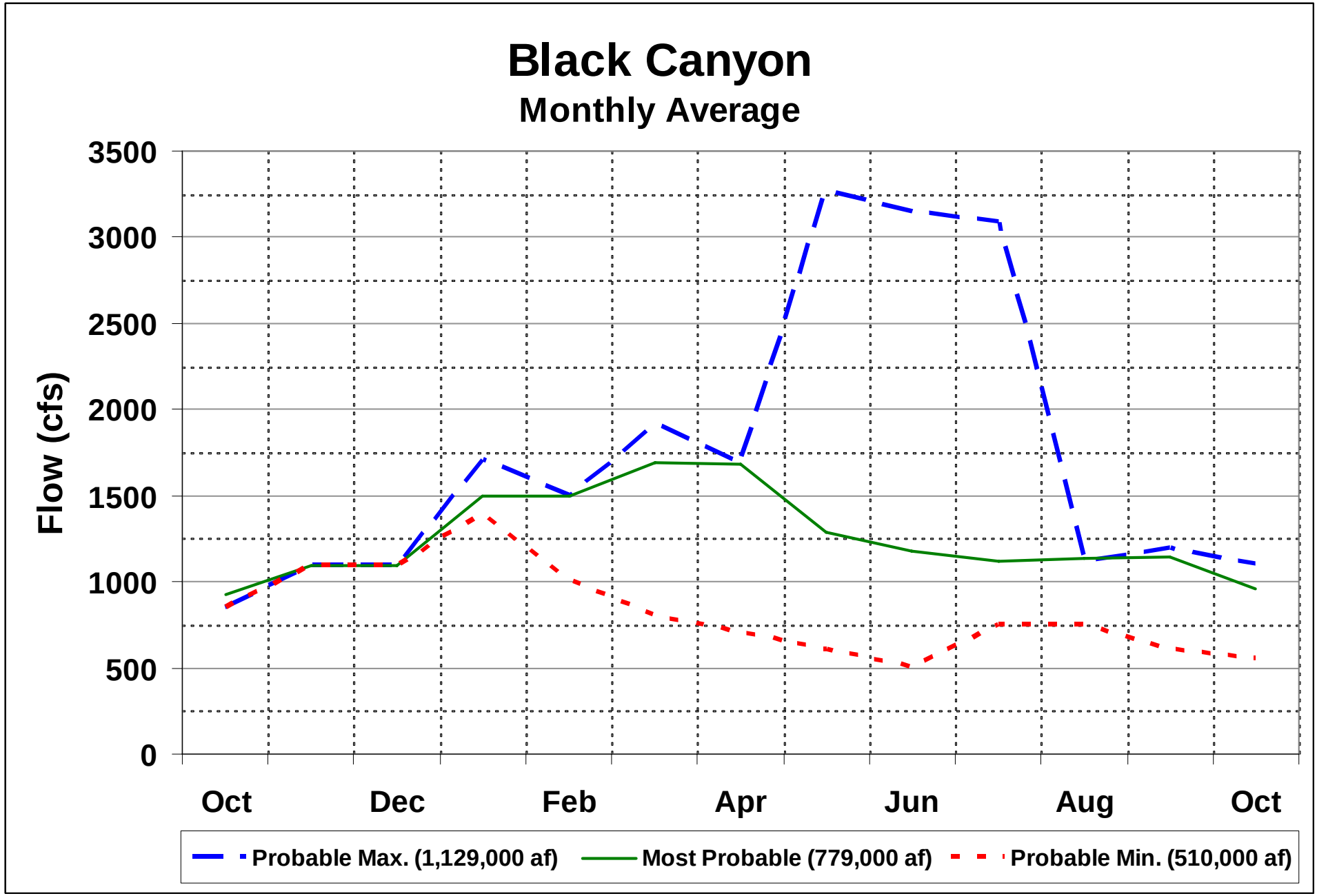



Unregulated Blue Mesa Inflow
Monthly Average
Flow (cfs)
8000
7000
6000
5000
4000
3000
2000
1000
0
Oct
Dec
Feb
Apr
Jun
Aug
Oct
Probable Max. (1,129,000 af)
Most Probable (779,000 af)
Probable Min. (510,000 af)


Blue Mesa Elevation
End of Month
Elevation (ft)
7520
7510
7500
7490
7480
7470
7460
7450
7440
7430
7420
Oct
Dec
Feb
Apr
Jun
Aug
Oct
Probable Max. (1,129,000 af)
Most Probable (779,000 af)
Probable Min. (510,000 af)

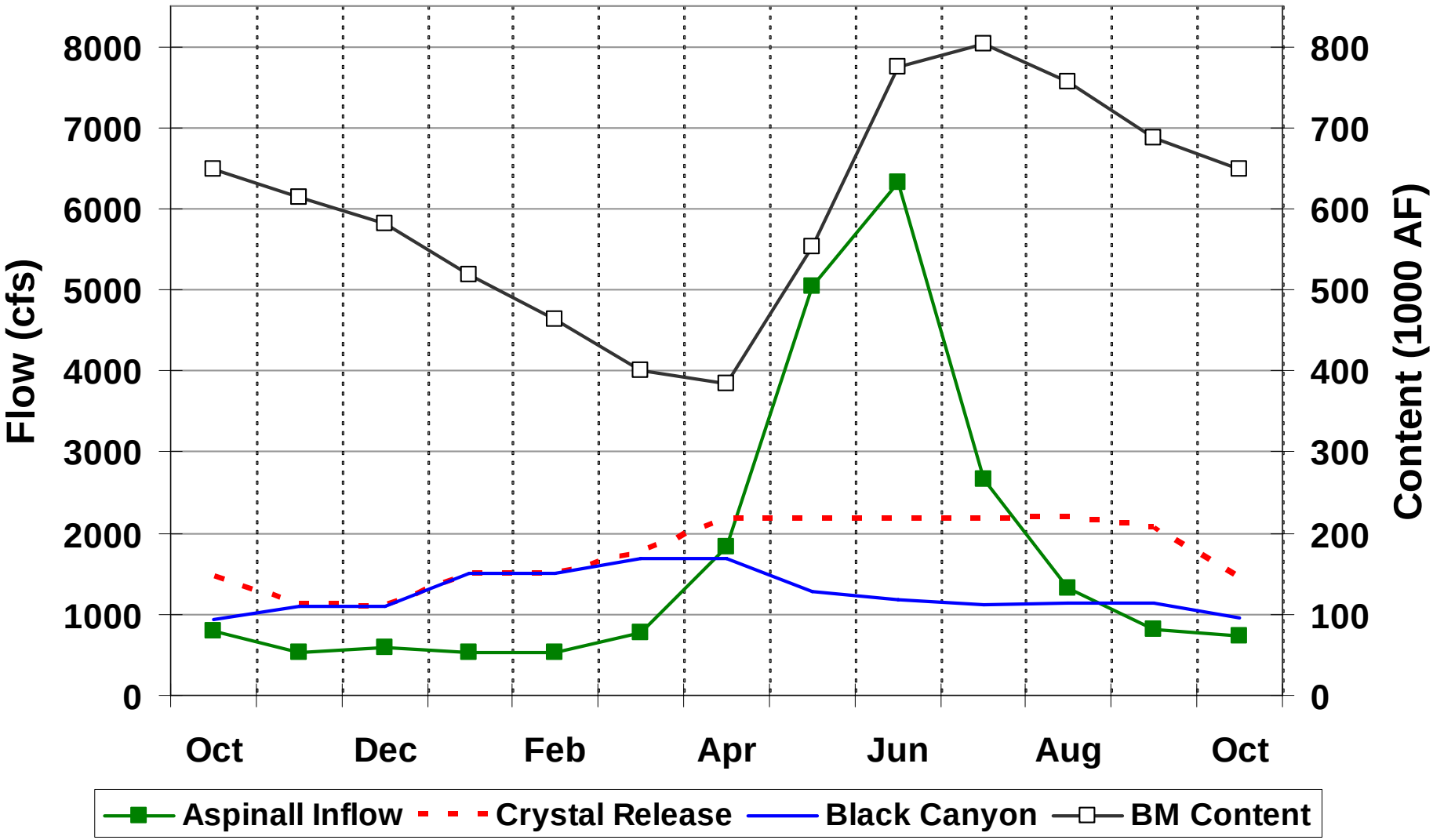

Blue Mesa Content
End of Month
1000 Acre-feet
800
700
600
500
400
300
200
100
0
Oct
Dec
Feb
Apr
Jun
Aug
Oct
Probable Max. (1,129,000 af)
Most Probable (779,000 af)
Probable Min. (510,000 af)

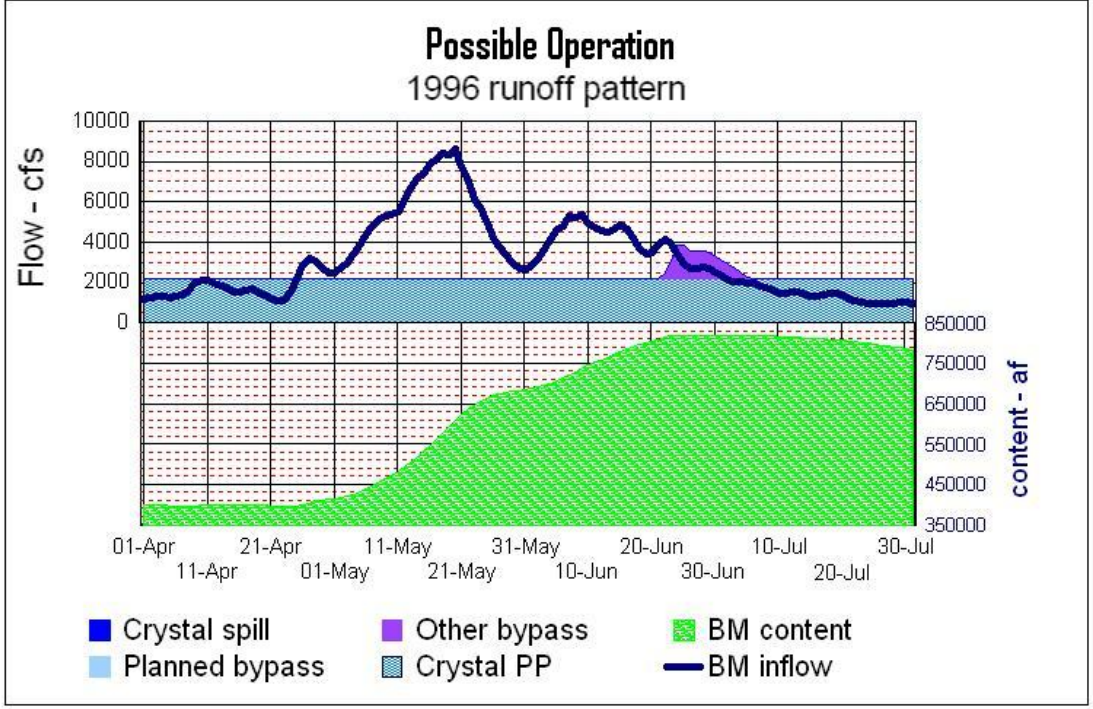

Crystal Release
Monthly Average
Flow (cfs)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Oct
Dec
Feb
Apr
Jun
Aug
Oct
Probable Max. (1,129,000 af)
Most Probable (779,000 af)
Probable Min. (510,000 af)


Black Canyon
Monthly Average
Flow (cfs)
3500
3000
2500
2000
1500
1000
500
0
Oct
Dec
Feb
Apr
Jun
Aug
Oct
Probable Max. (1,129,000 af)
Most Probable (779,000 af)
Probable Min. (510,000 af)

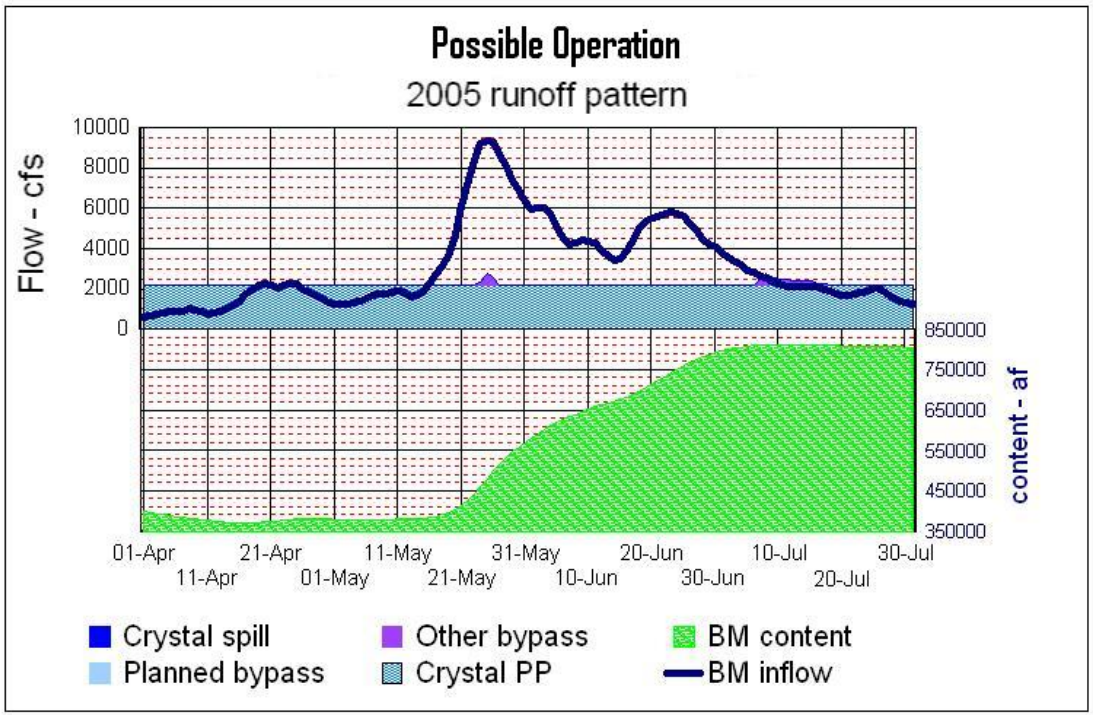
Most Probable

Monthly Average

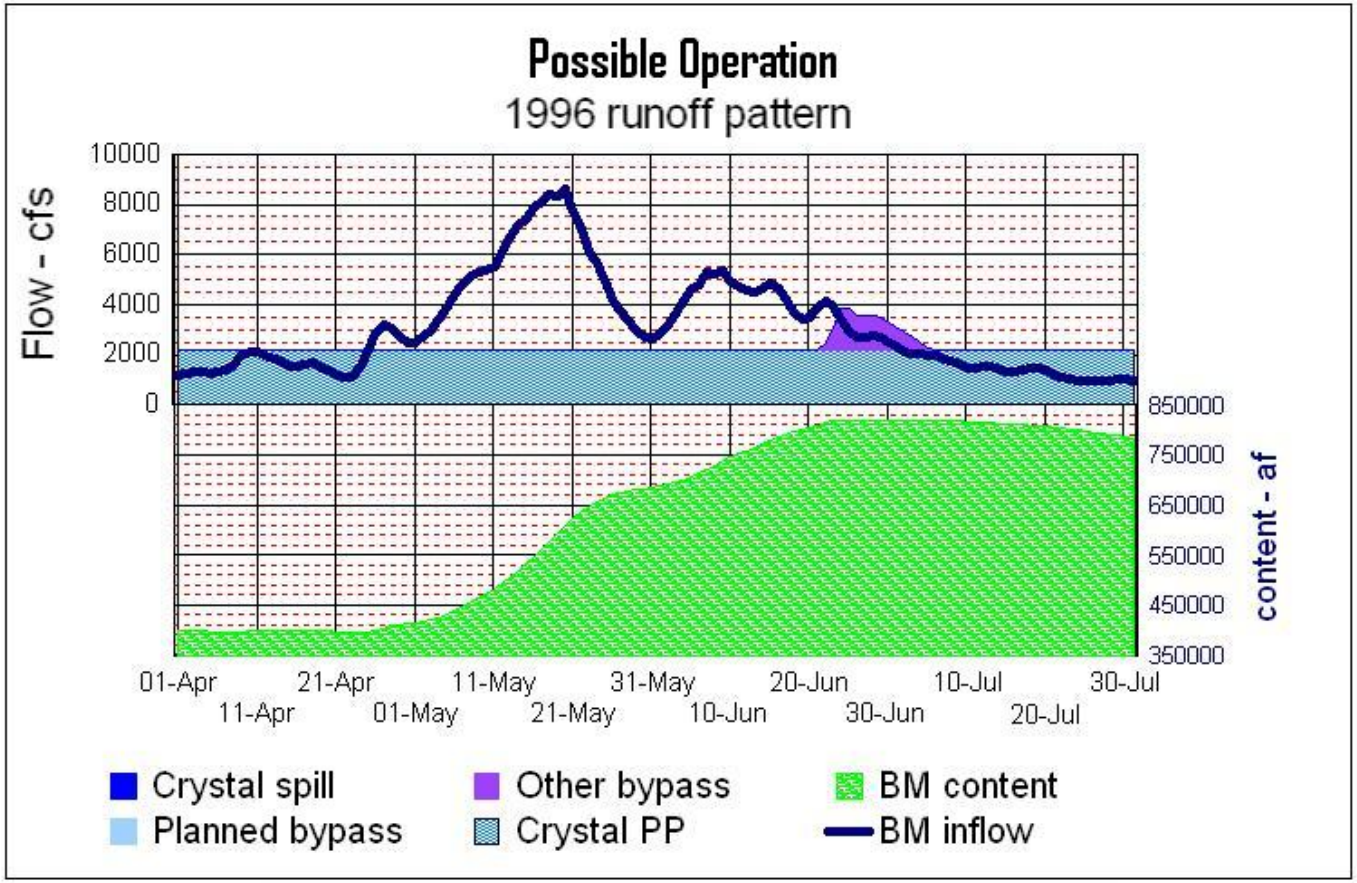




779,900	BM Unreg inflow
818,100	Max. BM content
7518.15	Max. BM elev.
779,200	July EOM content
7514.31	July EOM elev.
0	Spring Peak Vol.
27,200	Other bypass
0	Crystal spill



780,000	BM Unreg inflow
810,400	Max. BM content
7517.31	Max. BM elev.
798,200	July EOM content
7516.43	July EOM elev.
0	Spring Peak Vol.
8,200	Other bypass
0	Crystal spill



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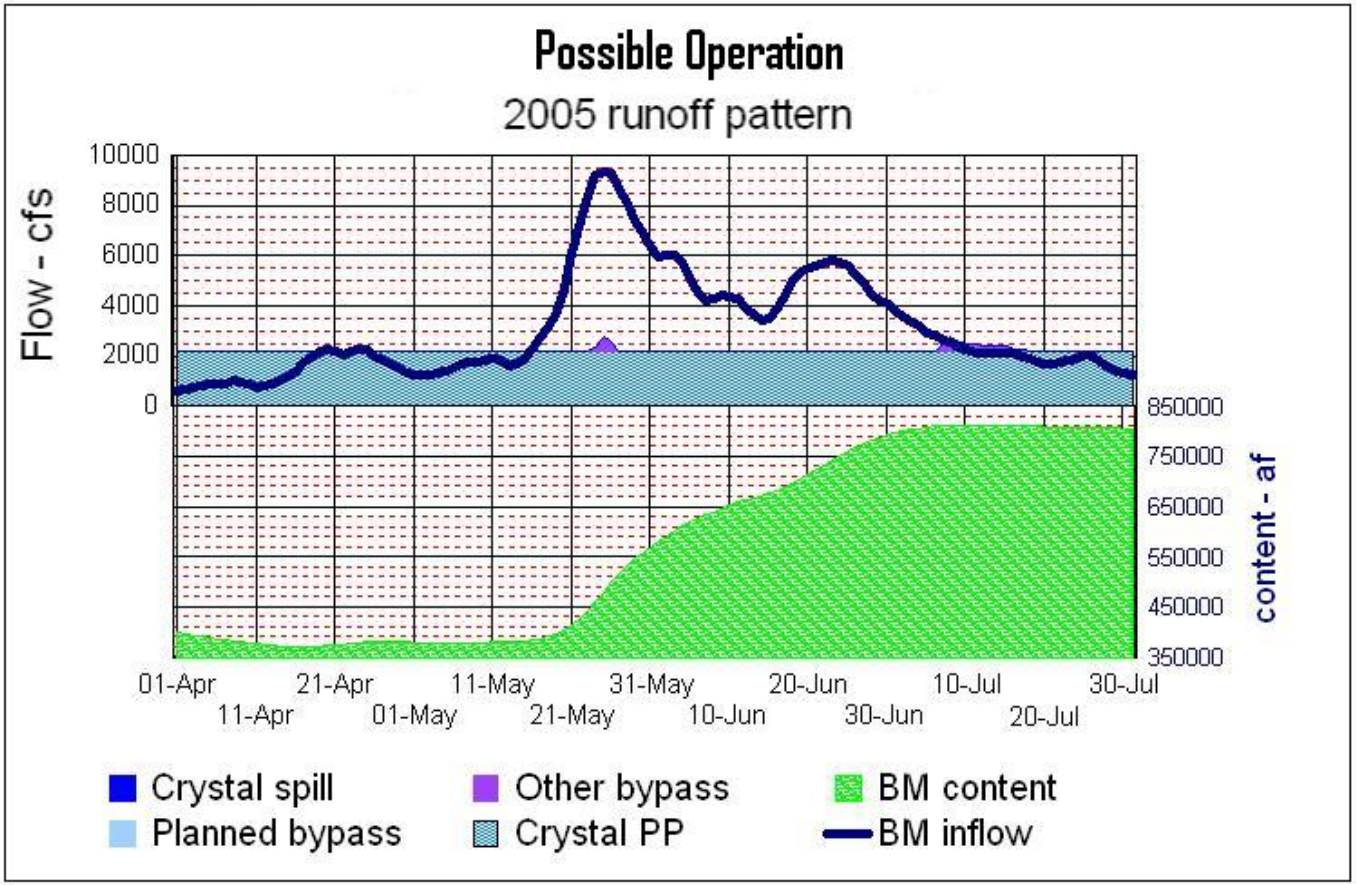

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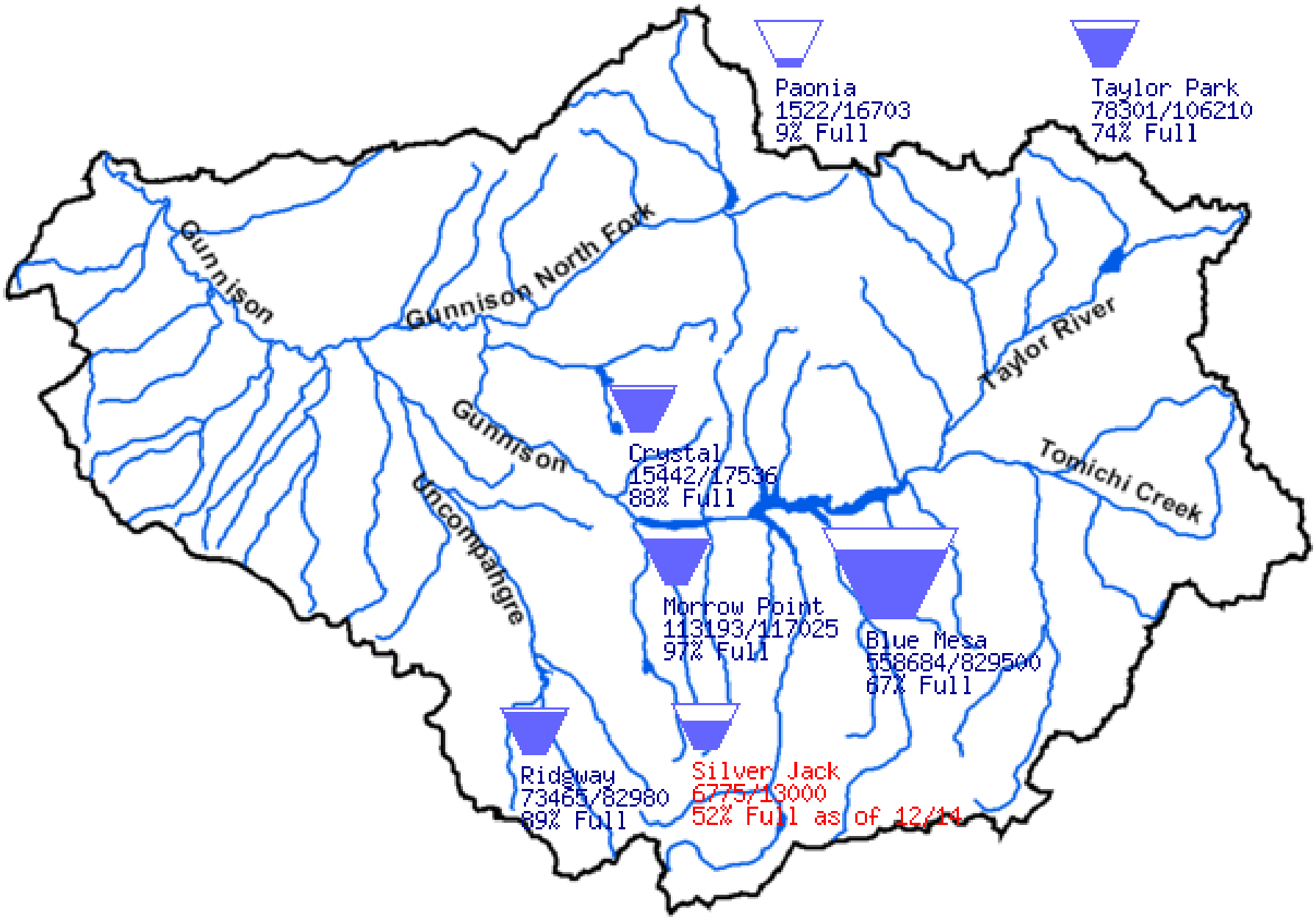
Data Current as of:
01/15/2008

Gunnison River Basin, CO