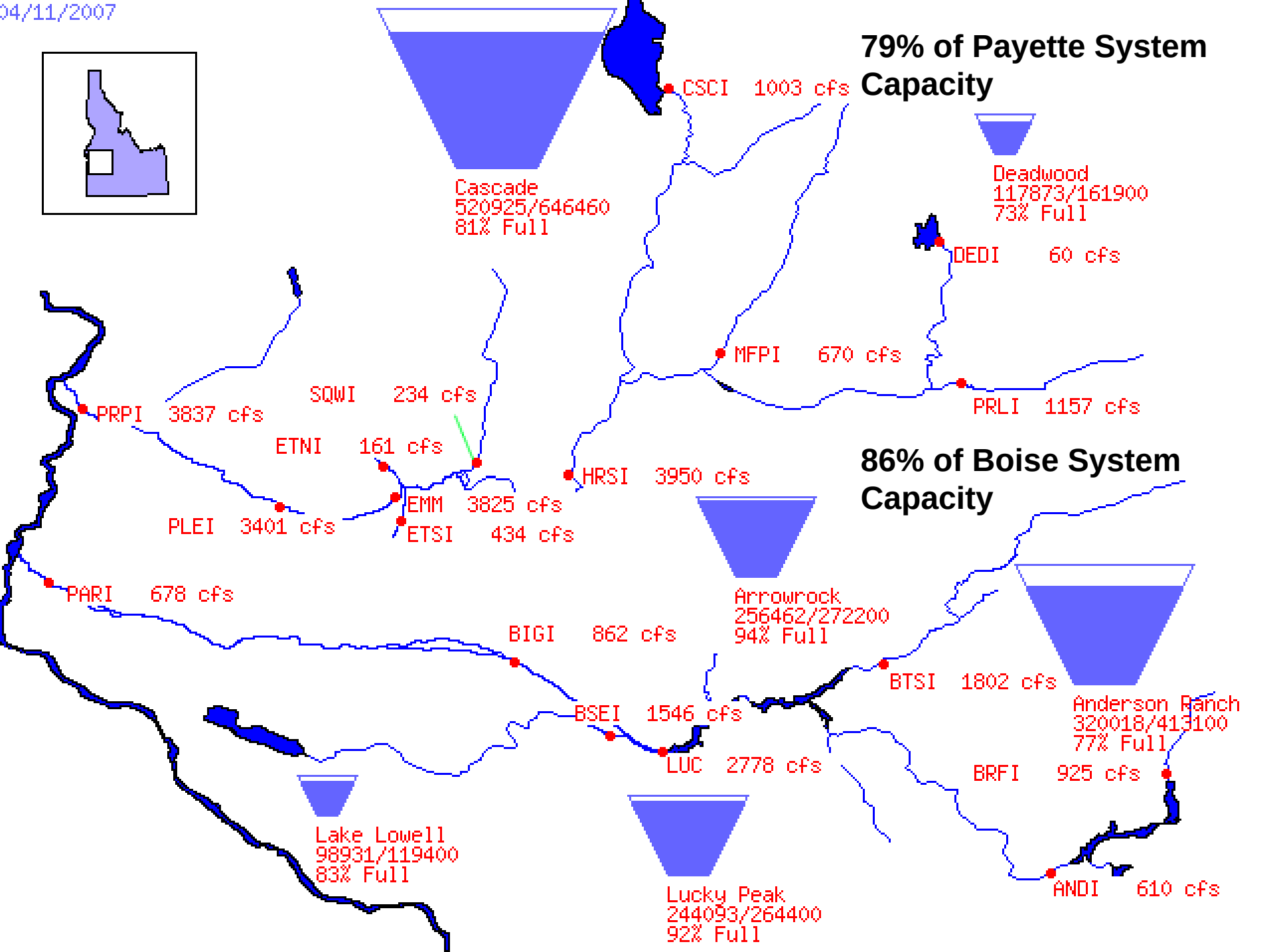
RECLAMATION

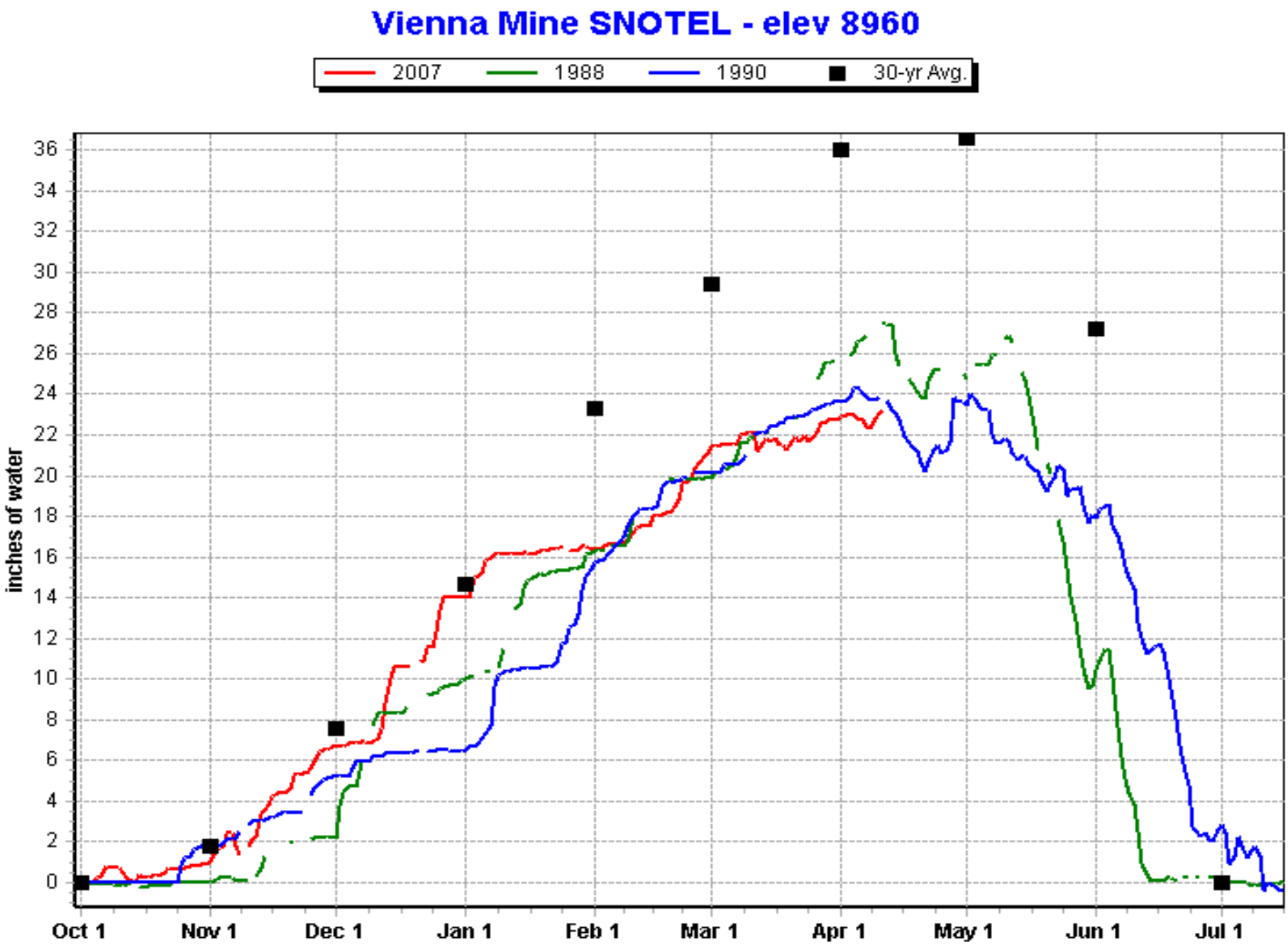
Managing Water in the West

Idaho Water Supply Committee Meeting

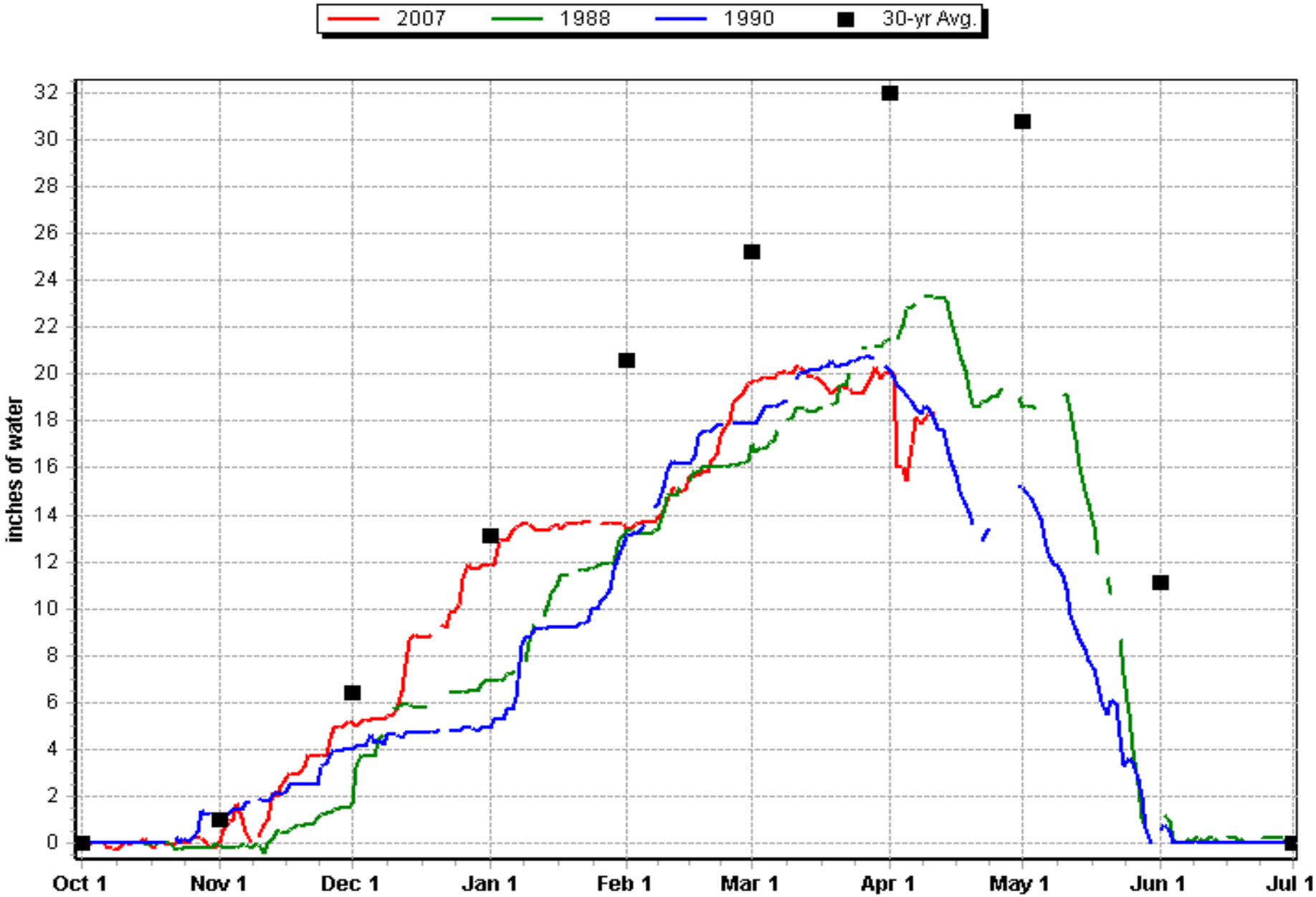
April 12, 2007

U.S. Department of the Interior
Bureau of Reclamation

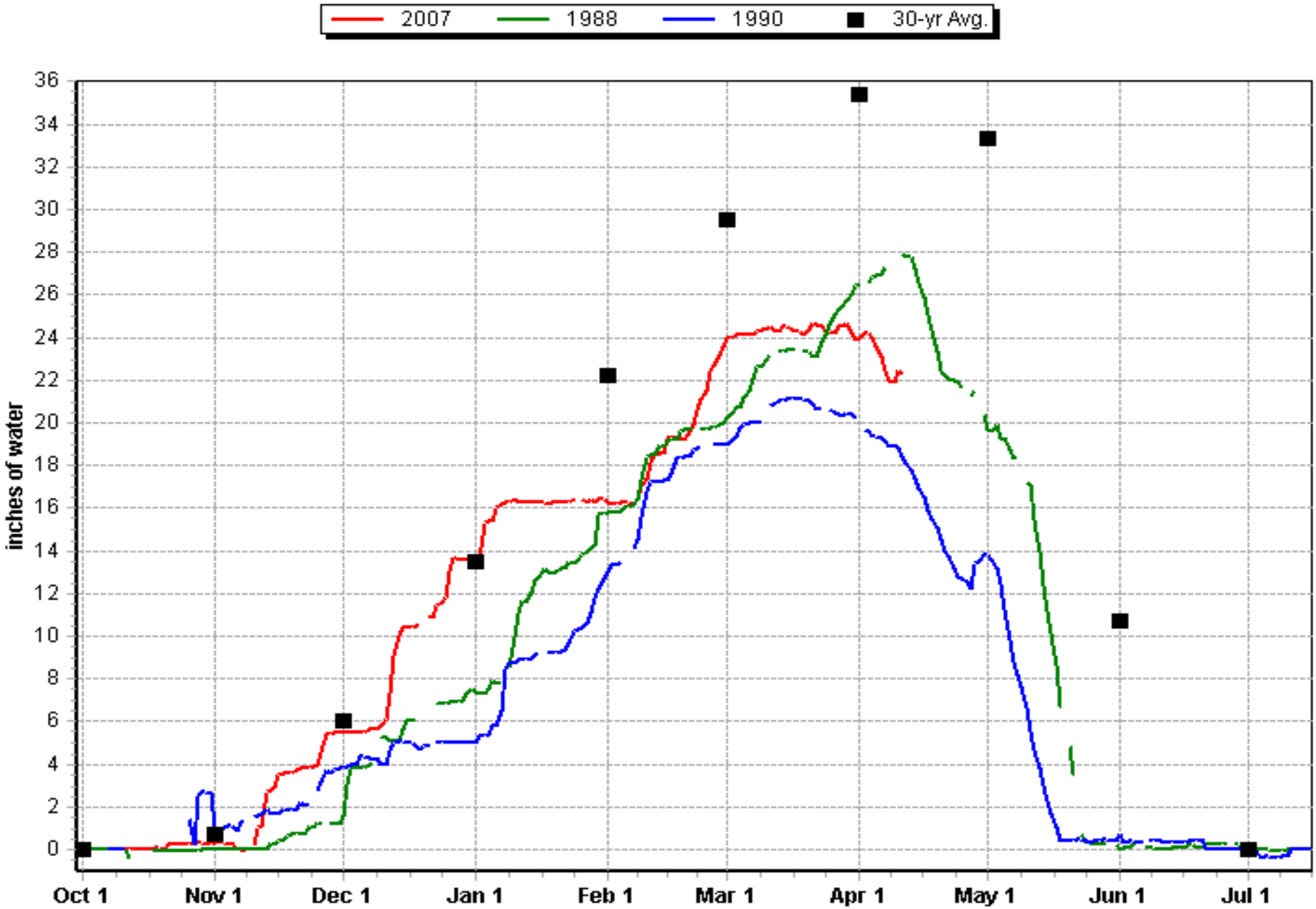

04/11/2007
79% of Payette System Capacity
CSCI 1003 cfs
Cascade
520925/646460
81% Full
Deadwood
117873/161900
73% Full
DEDI 60 cfs
MFPI 670 cfs
PRLI 1157 cfs
SQWI 234 cfs
PRPI 3837 cfs
ETNI 161 cfs
HRSI 3950 cfs
86% of Boise System Capacity
EMM 3825 cfs
ETSI 434 cfs
PLEI 3401 cfs
PARI 678 cfs
Arrowrock
256462/272200
94% Full
BIGI 862 cfs
BTSI 1802 cfs
Anderson Ranch
320018/413100
77% Full
BSEI 1546 cfs
LUC 2778 cfs
BRFI 925 cfs
Lake Lowell
98931/119400
83% Full
Lucky Peak
244093/264400
92% Full
ANDI 610 cfs


Vienna Mine SNOTEL - elev 8960
2007
1988
1990
30-yr Avg.
inches of water
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1

Jackson Peak SNOTEL - elev. 7070

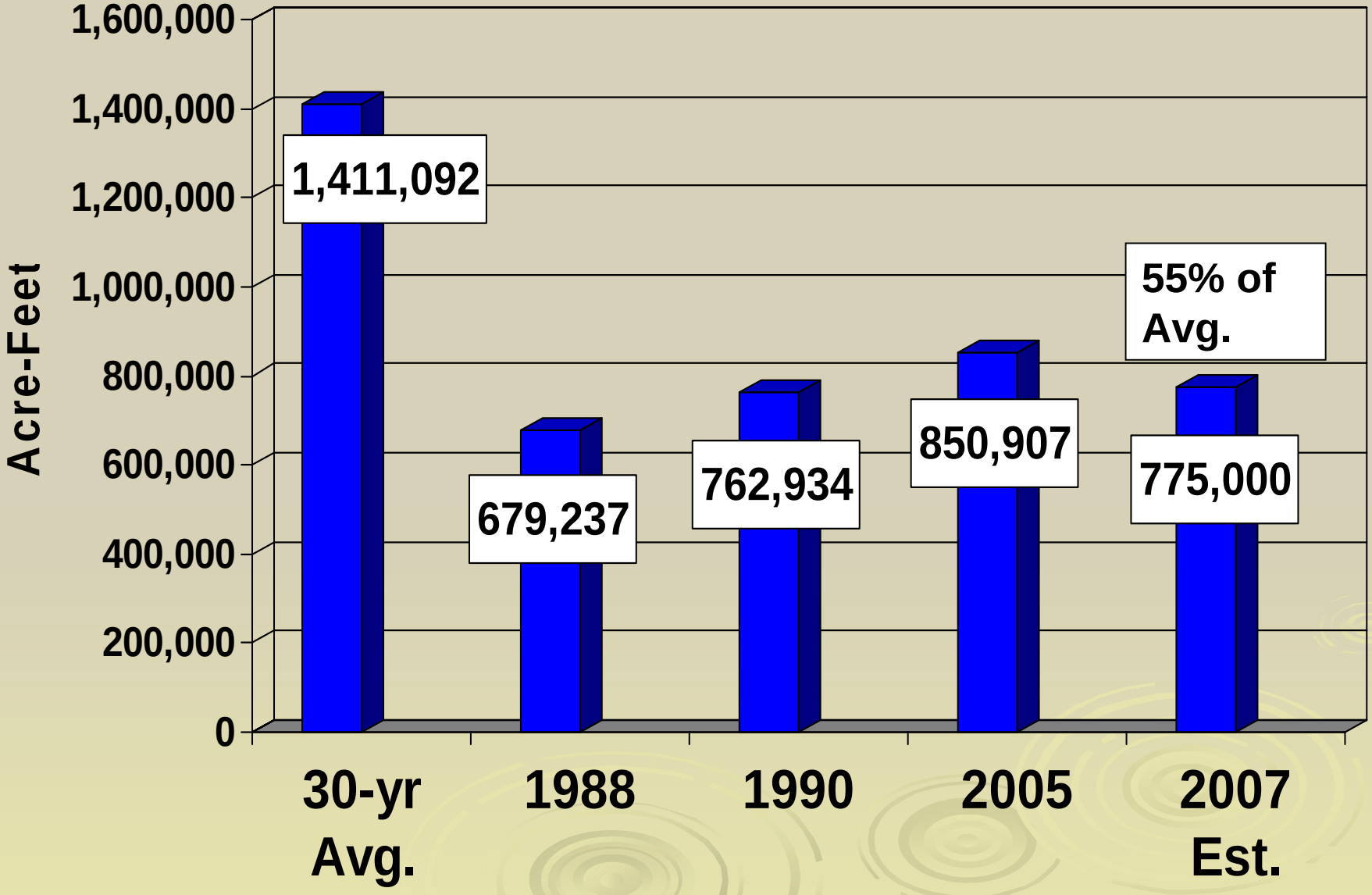


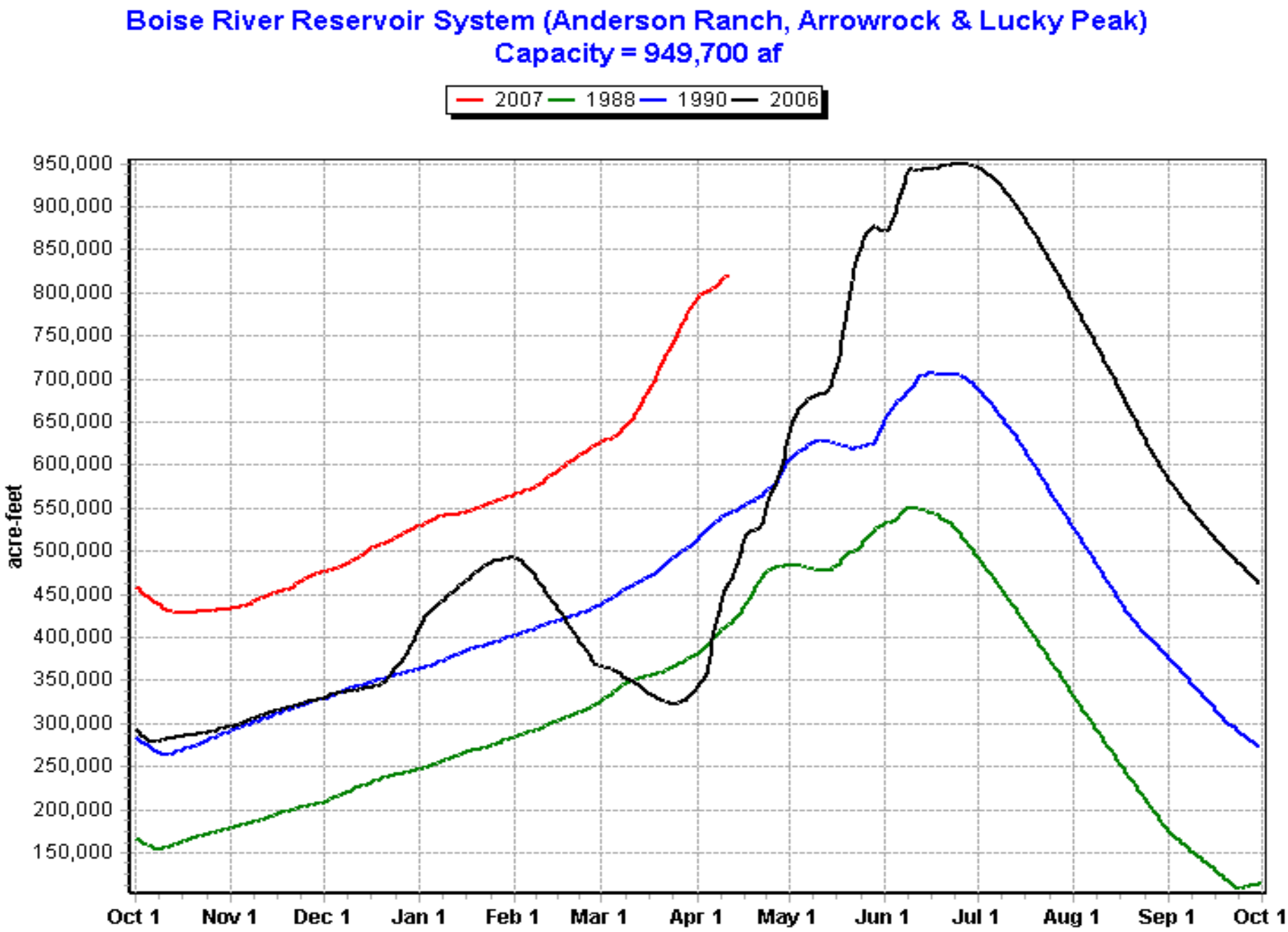
Mores Creek Summit SNOTEL - elev. 6100

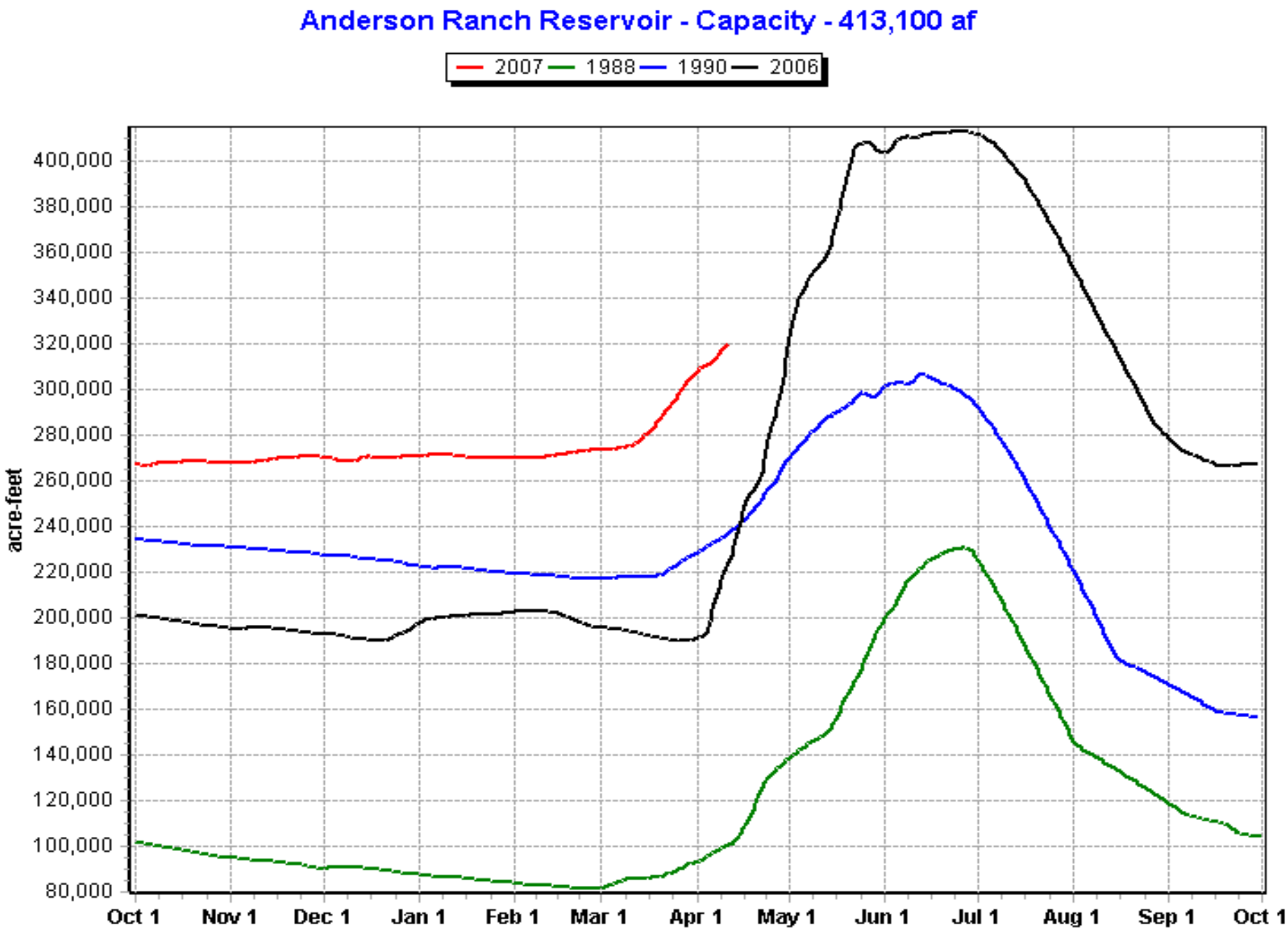


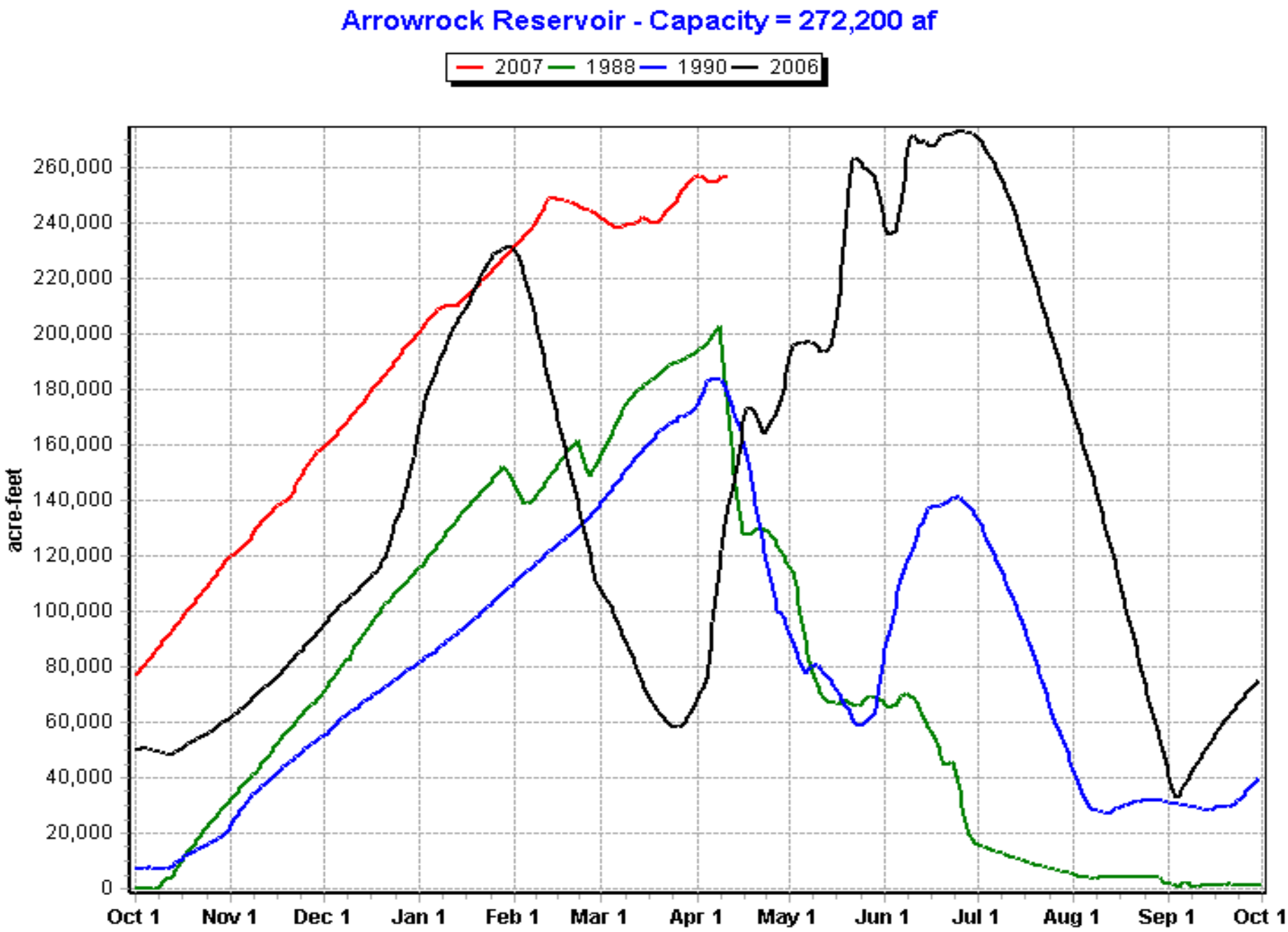
Boise Basin Runoff

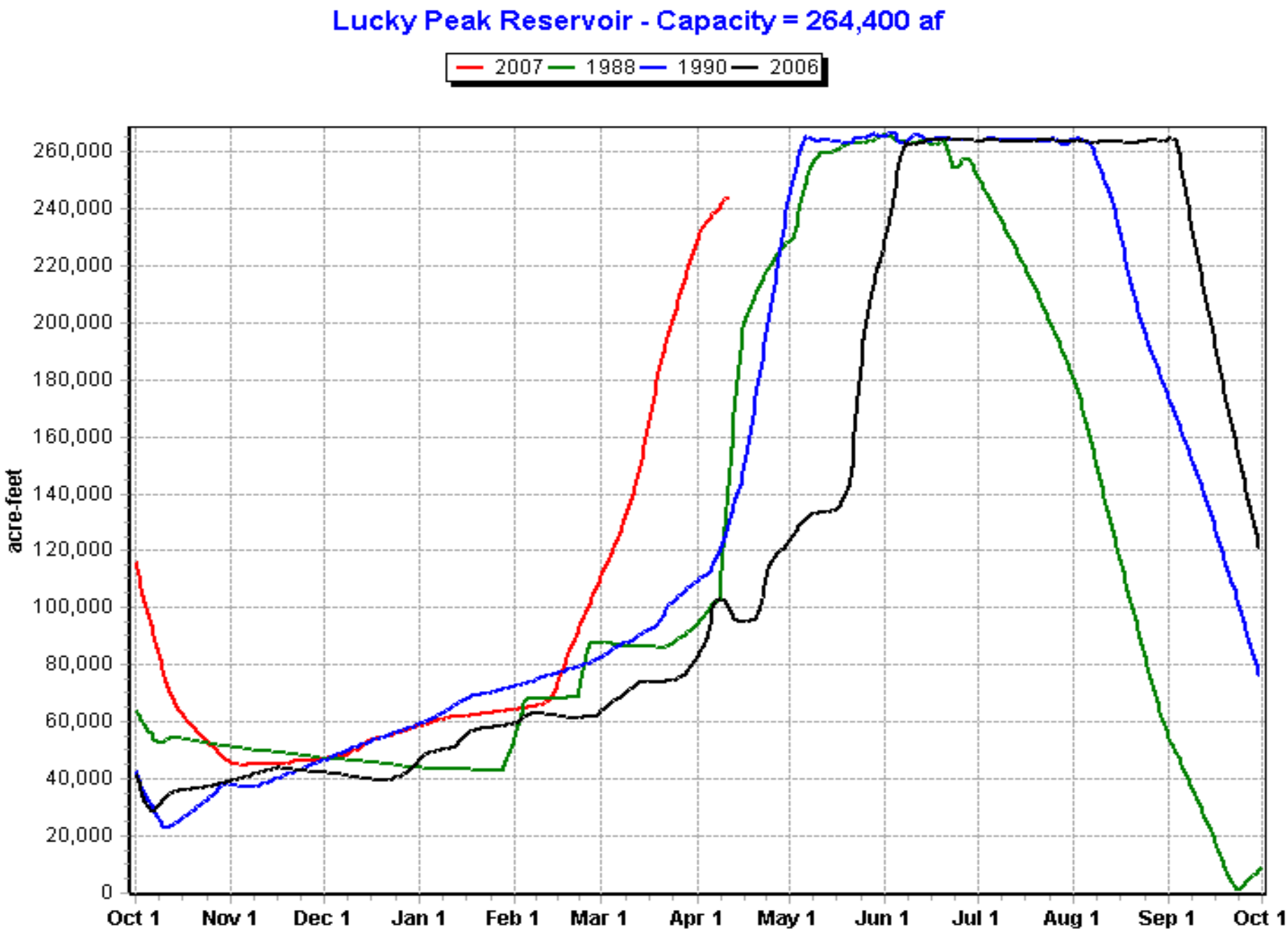
April 1 – July 30



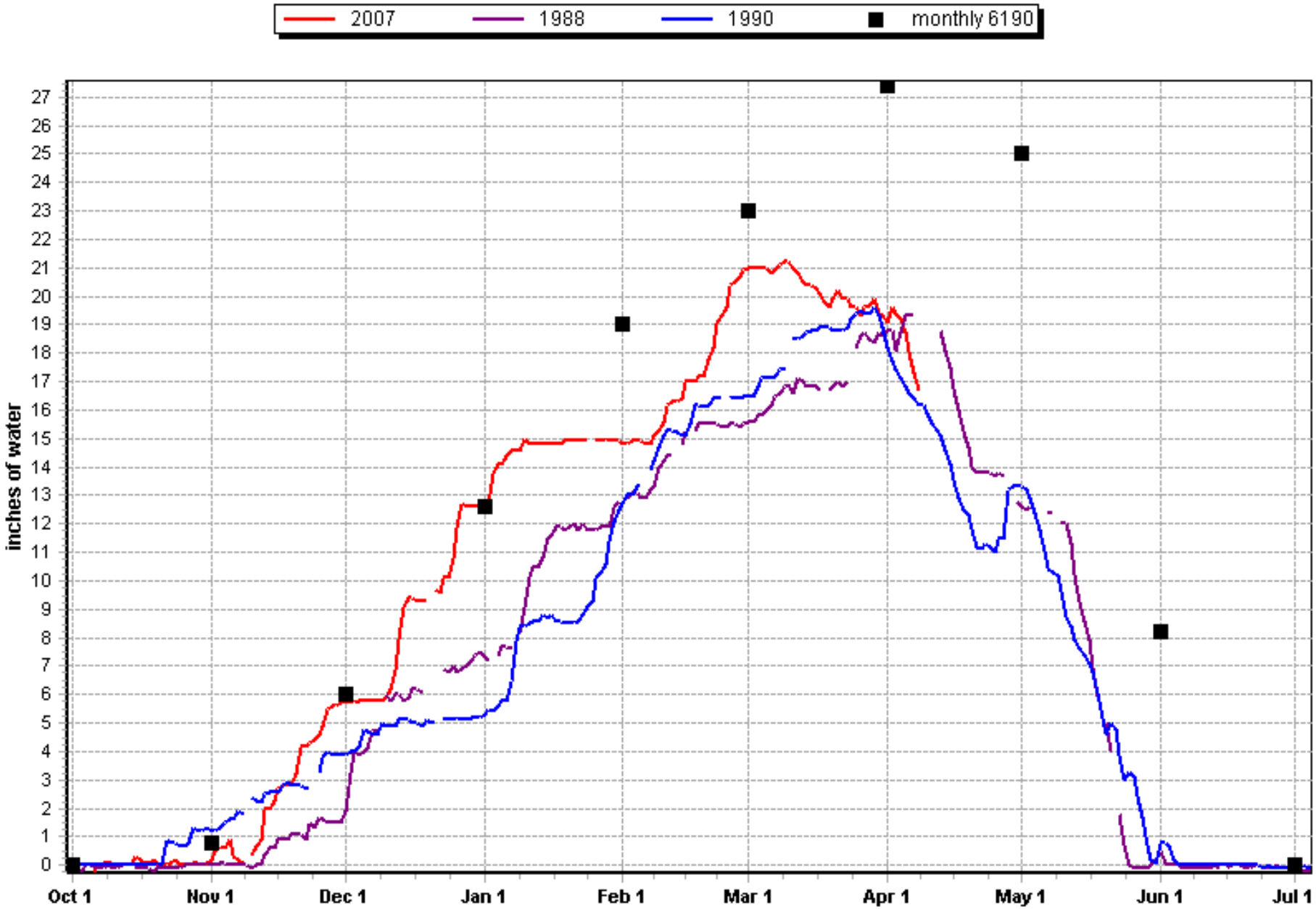

Boise River Reservoir System (Anderson Ranch, Arrowrock & Lucky Peak)
Capacity = 949,700 af
2007
1988
1990
2006
acre-feet
950,000
900,000
850,000
800,000
750,000
700,000
650,000
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Oct 1


Anderson Ranch Reservoir - Capacity - 413,100 af
2007
1988
1990
2006
acre-feet
400,000
380,000
360,000
340,000
320,000
300,000
280,000
260,000
240,000
220,000
200,000
180,000
160,000
140,000
120,000
100,000
80,000
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Oct 1

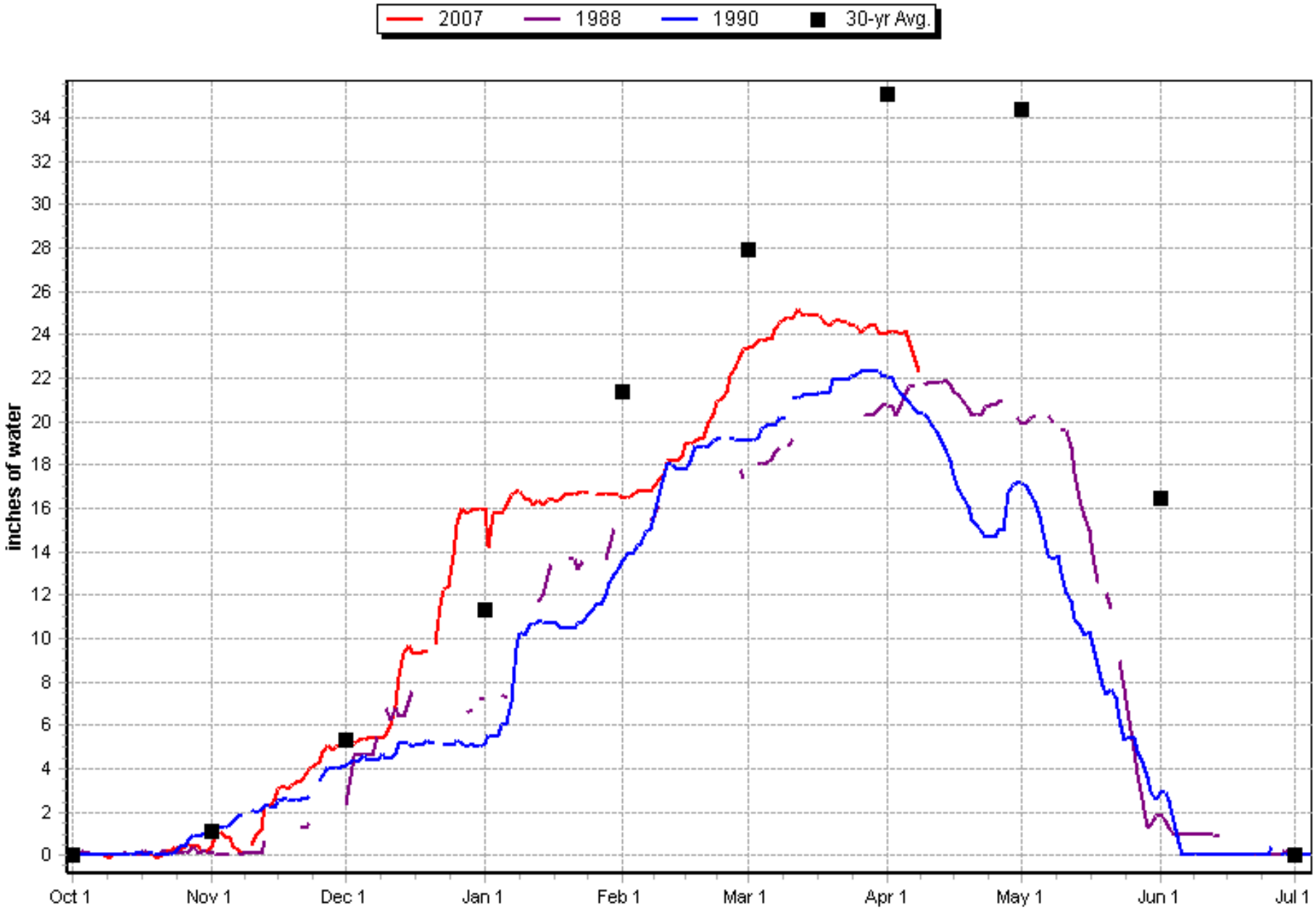

Arrowrock Reservoir - Capacity = 272,200 af
2007
1988
1990
2006
acre-feet
260,000
240,000
220,000
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Oct 1


Lucky Peak Reservoir - Capacity = 264,400 af
2007
1988
1990
2006
acre-feet
260,000
240,000
220,000
200,000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Oct 1

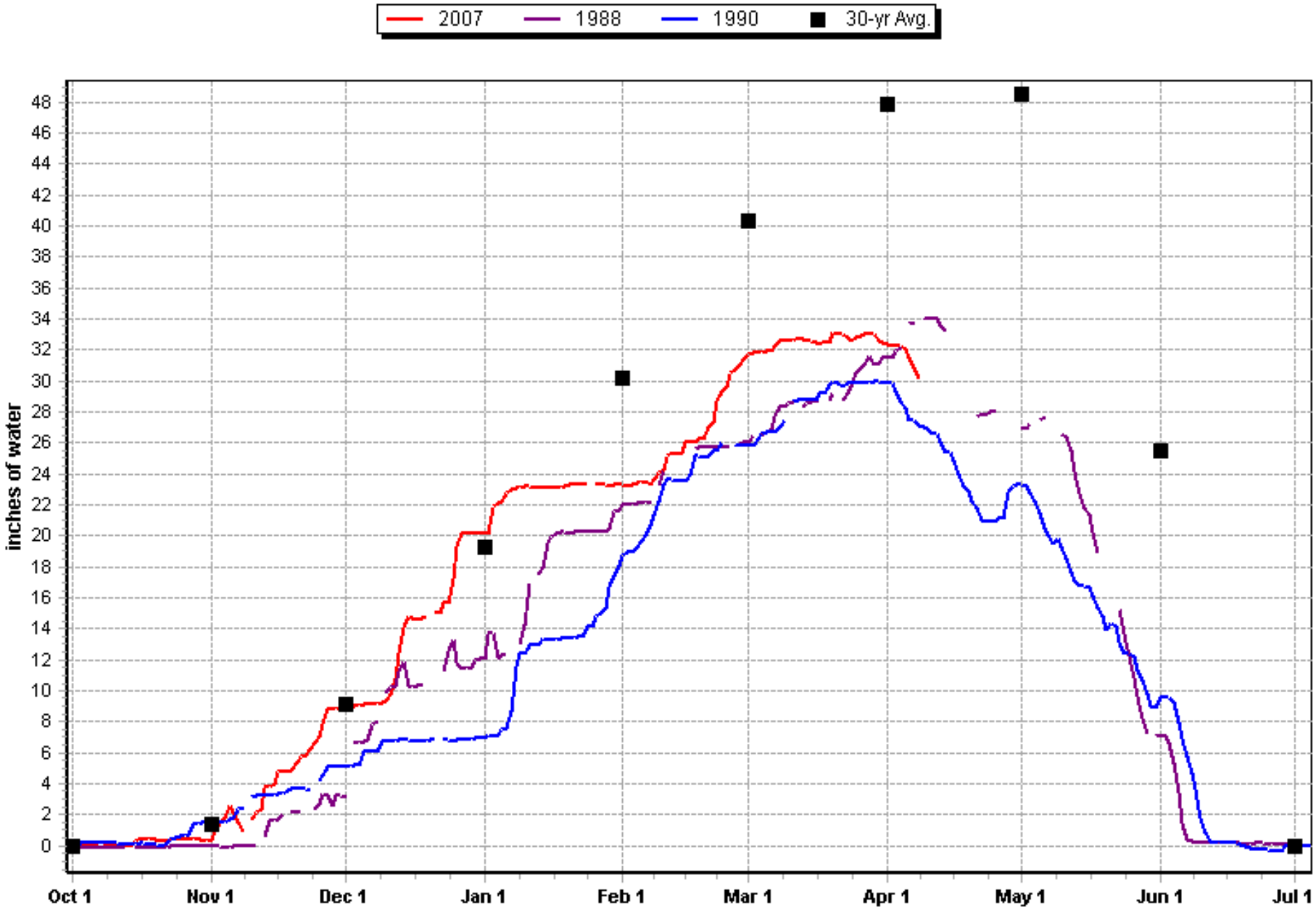
Banner Summit SNOTEL - elev. 7040



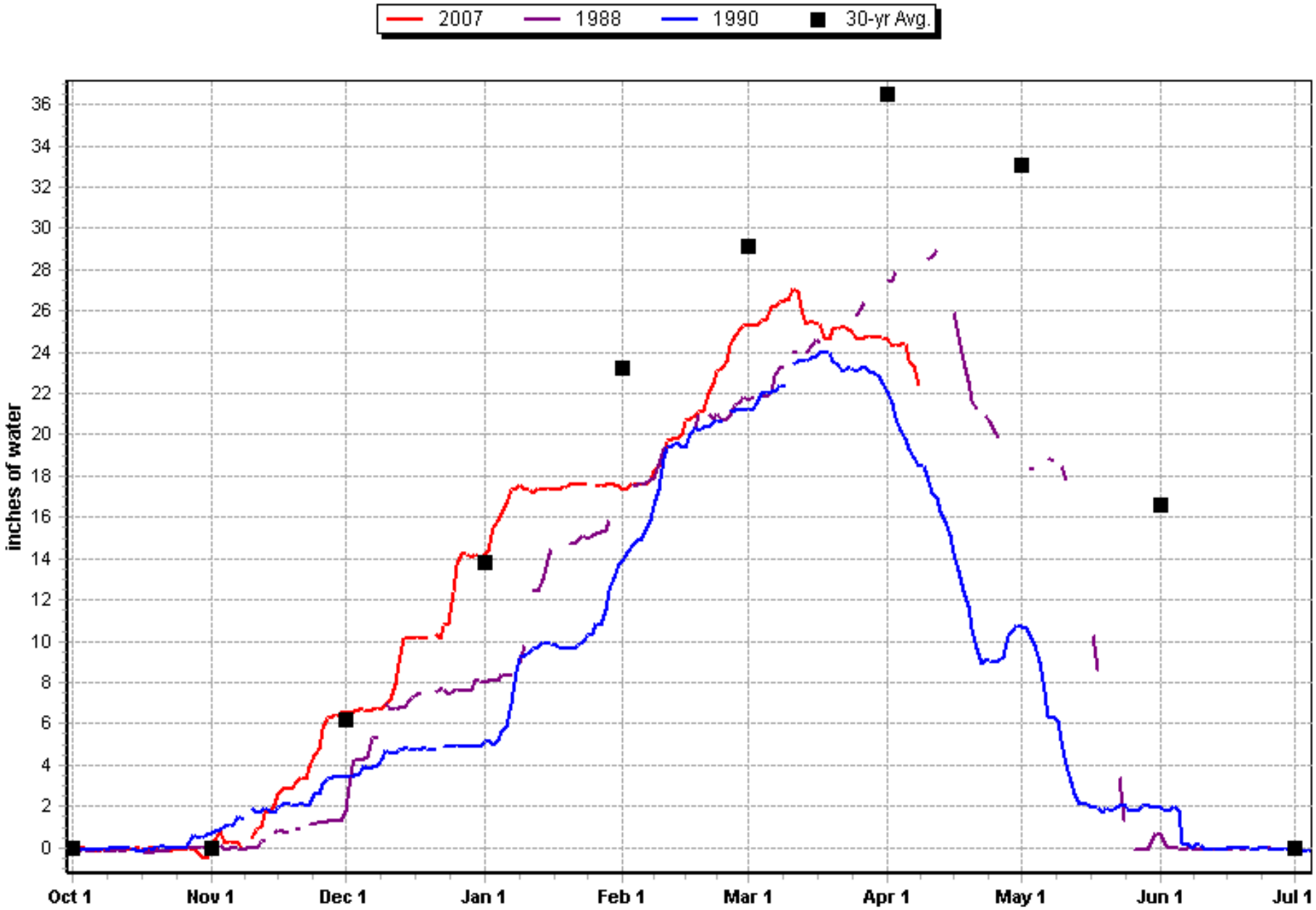
Big Creek Summit SNOTEL site - elev. 6850



Deadwood Summit SNOTEL site - elev. 6860

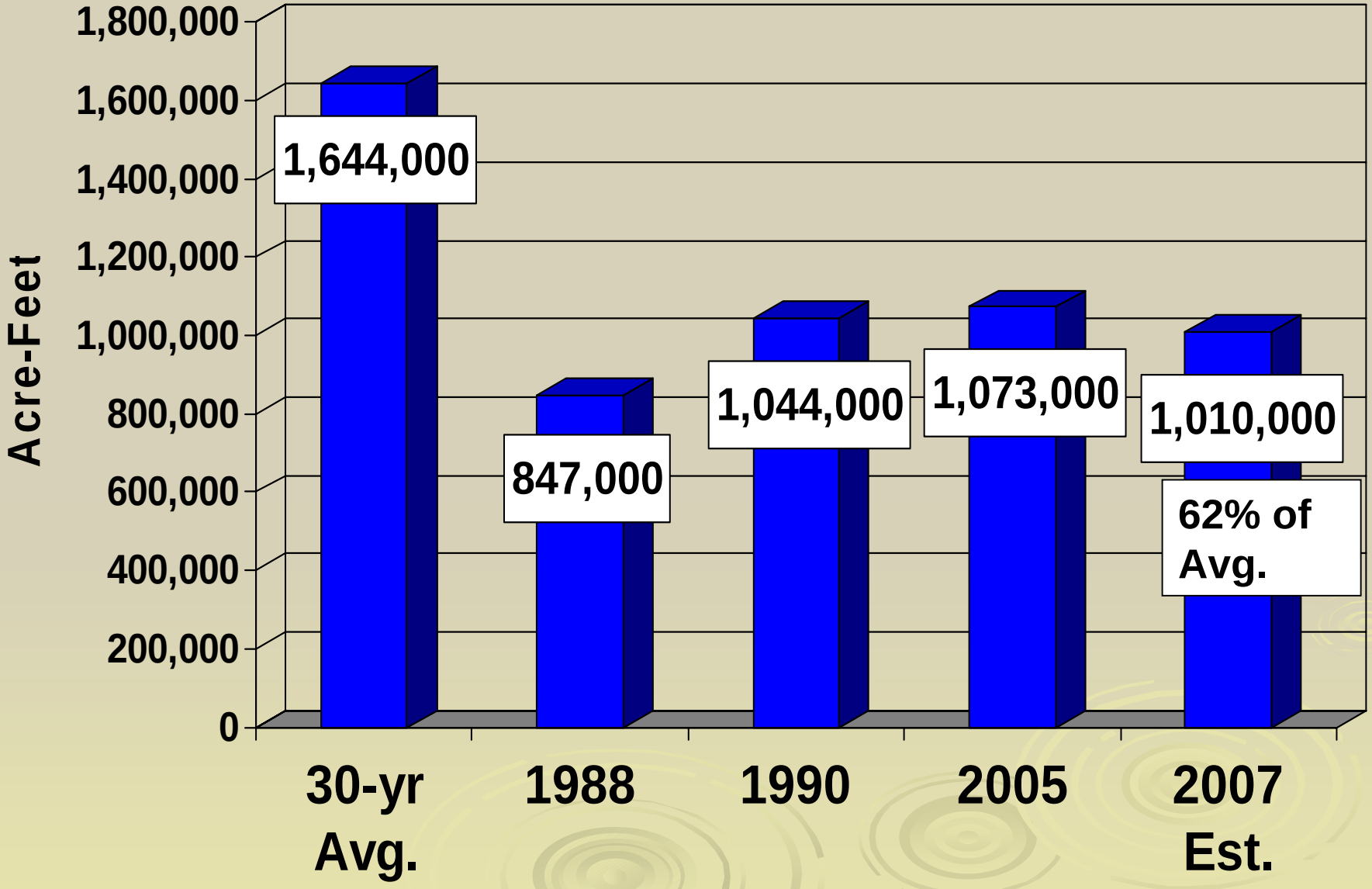


Sesech Summit SNOTEL site - elev. 6520

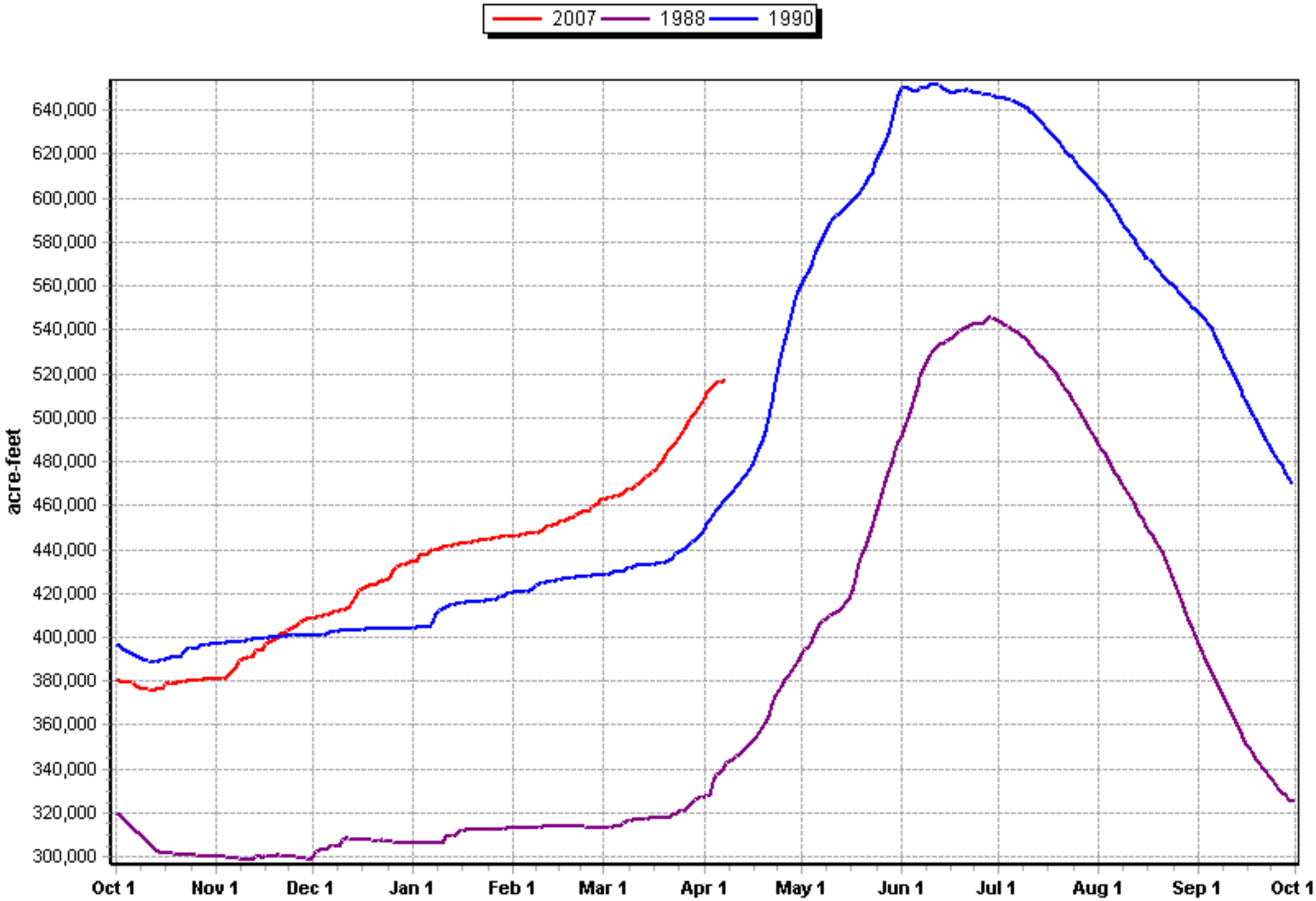


Payette Basin Runoff

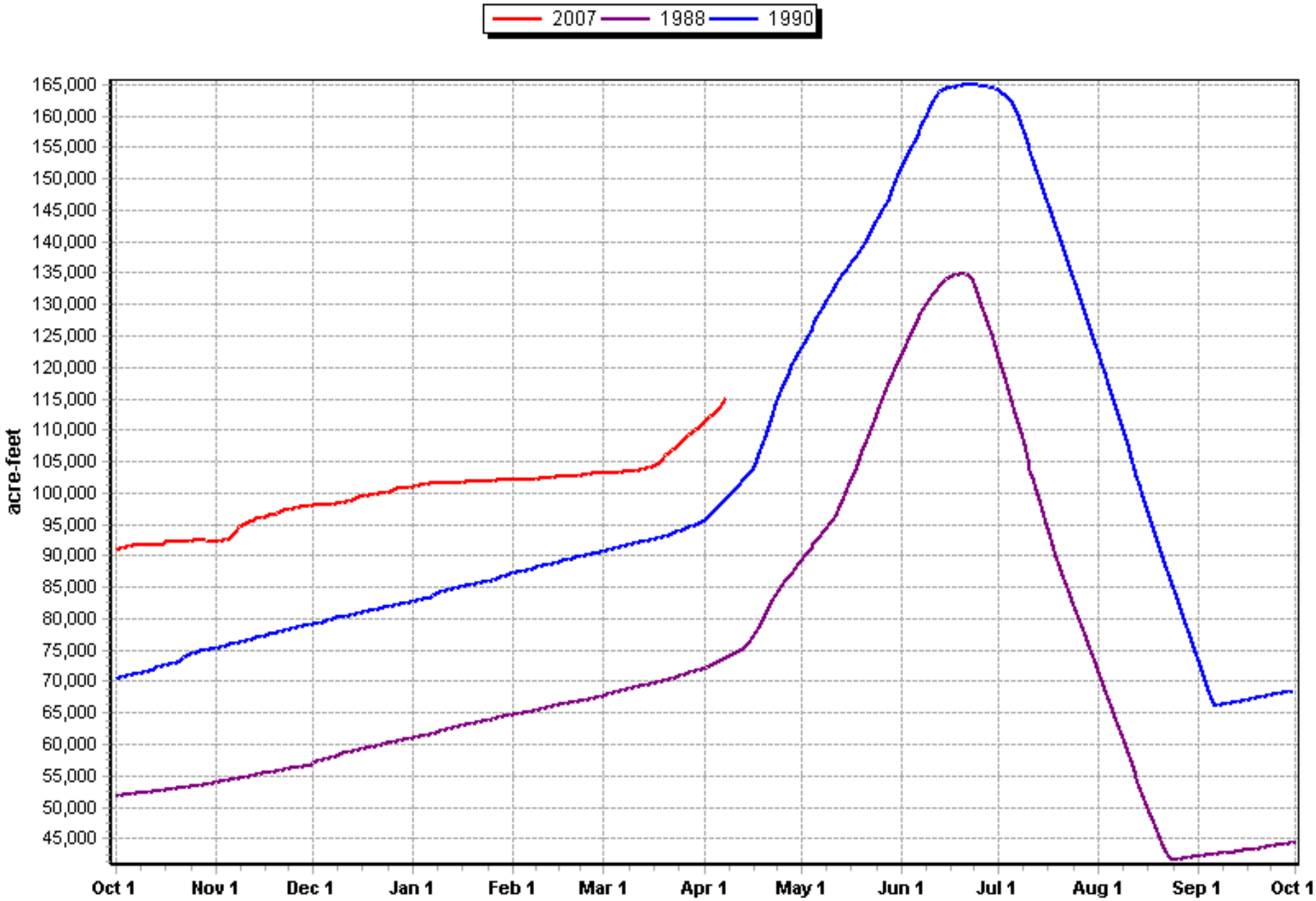
April 1 –July 31 @ Horseshoe Bend



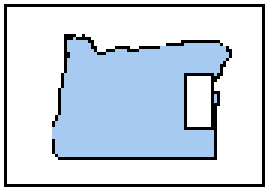
Cascade Reservoir Storage - capacity = 646,460 AF



Deadwood Reservoir Storage - capacity = 161,900 AF

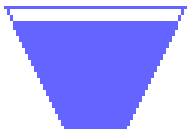


04/11/2007

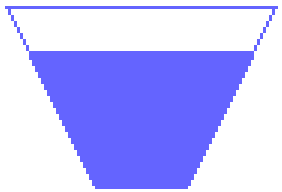


Phillips
47921/73000
66% Full

Unity
24699/25200
98% Full



Beulah
49864/59900
83% Full



Warm Springs
130127/191000
68% Full

Thief Valley
13444/13307
101% Full

Bully Creek
26334/30000
88% Full

Owyhee
576134/715000
81% Full

NPDO 80 cfs

THF 84 cfs

HCDI 9314 cfs

PRHO 104 cfs

DRCO 44 cfs

PWDO 25 cfs

PRRO 146 cfs

PHL 11 cfs

UNY 126 cfs

Snake River

WEII 13565 cfs

MABO 205 cfs

MALO 195 cfs

VALO 129 cfs

BEUO 142 cfs

SNYI 7975 cfs

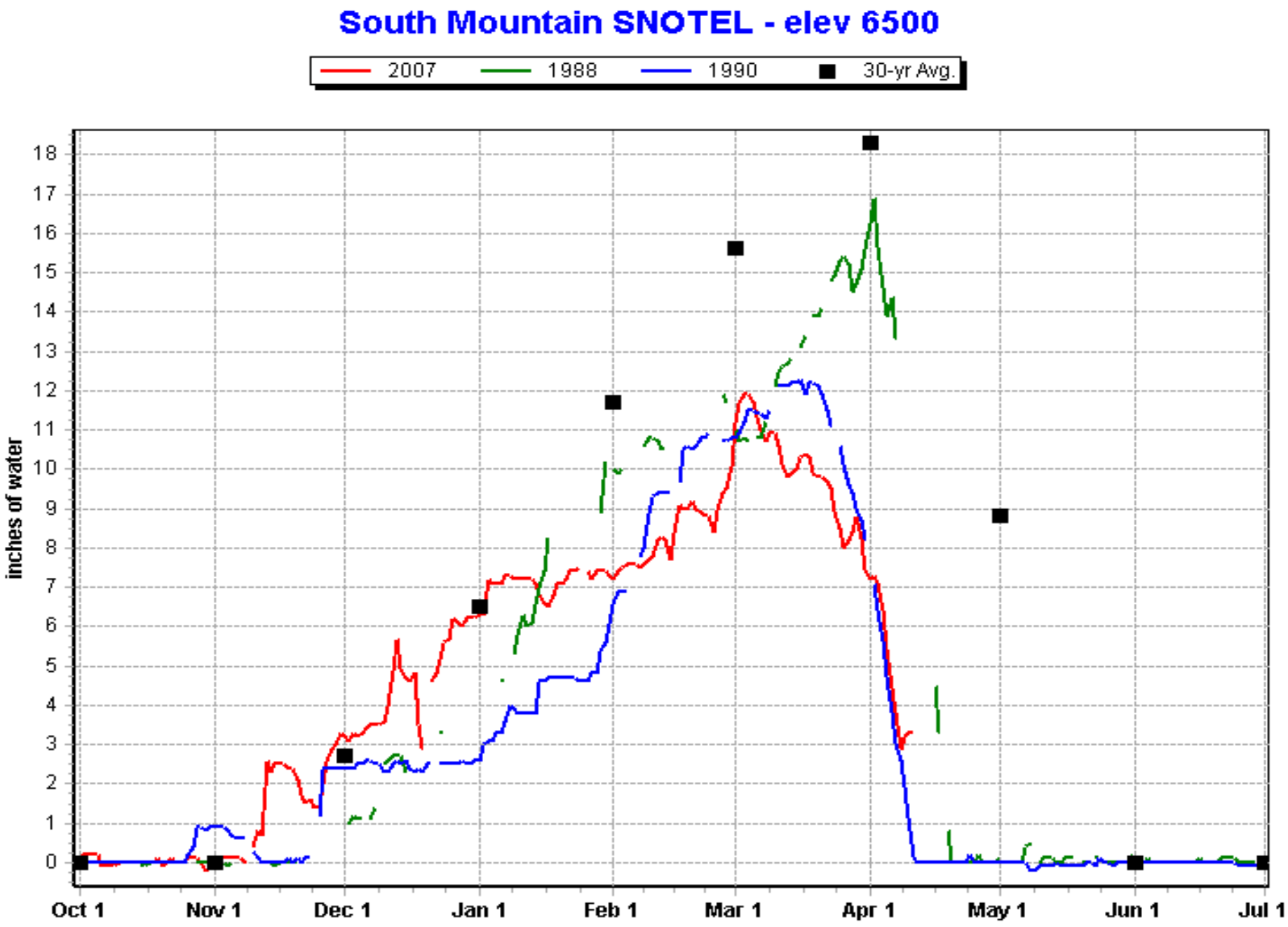
MADO 277 cfs

OWY 253 cfs

SWAI 7429 cfs

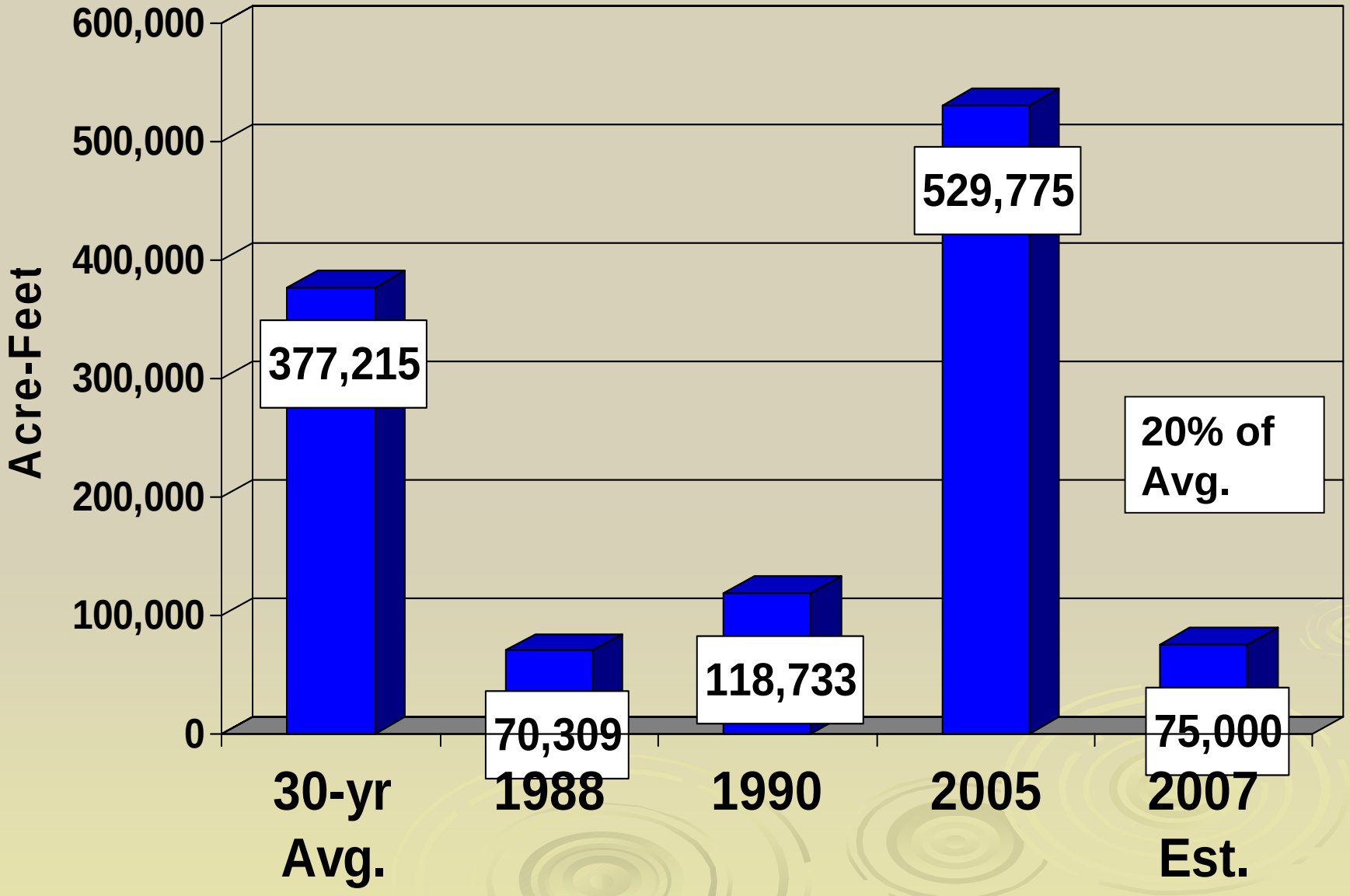
WARO 216 cfs

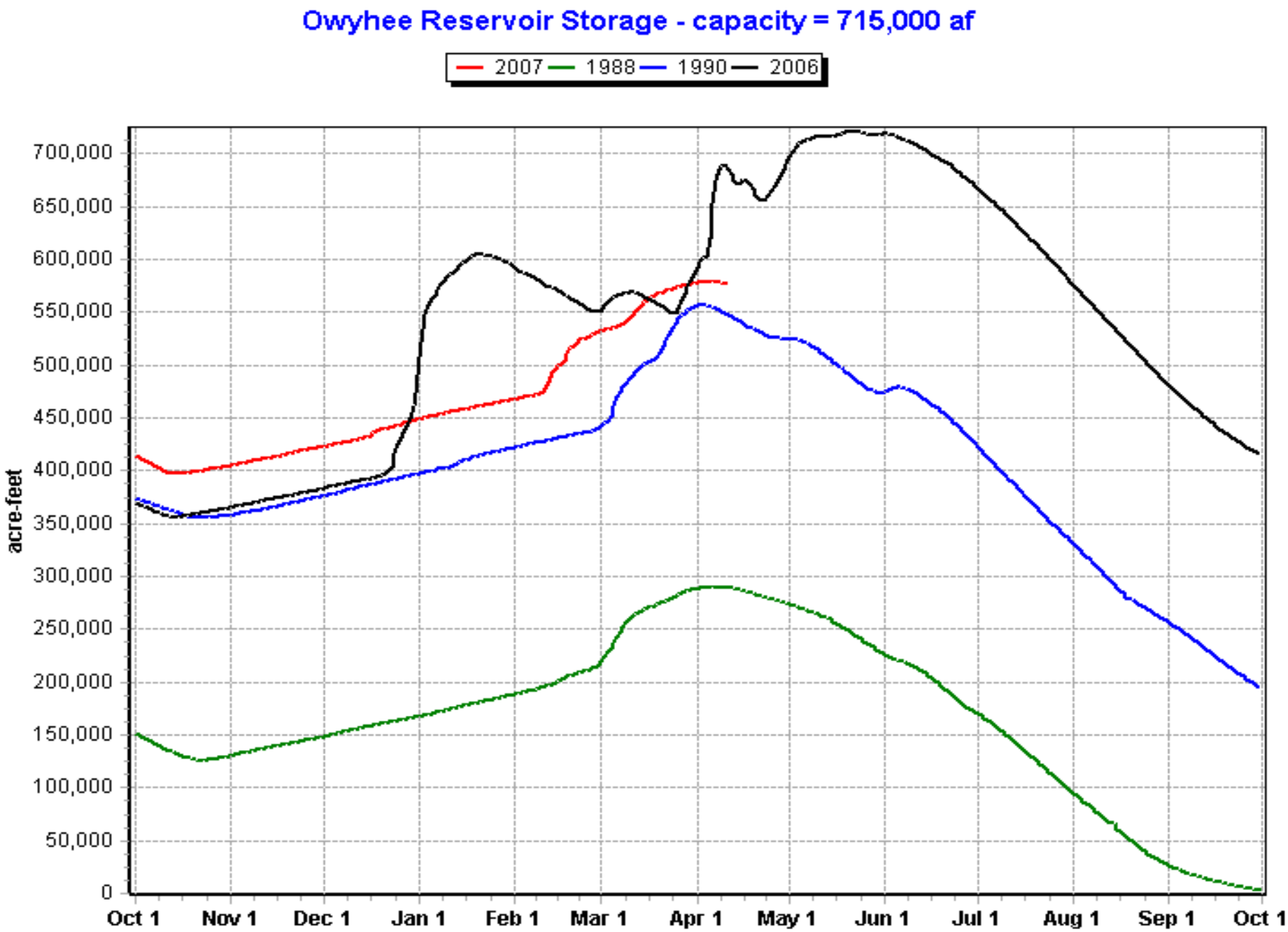
ROMO 514 cfs


South Mountain SNOTEL - elev 6500
2007
1988
1990
30-yr Avg.
inches of water
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1

Owyhee Basin Runoff

April 1 – June 30




Owyhee Reservoir Storage - capacity = 715,000 af
2007
1988
1990
2006
acre-feet
700,000
650,000
600,000
550,000
500,000
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Oct 1