

Three Lakes Fisheries Management

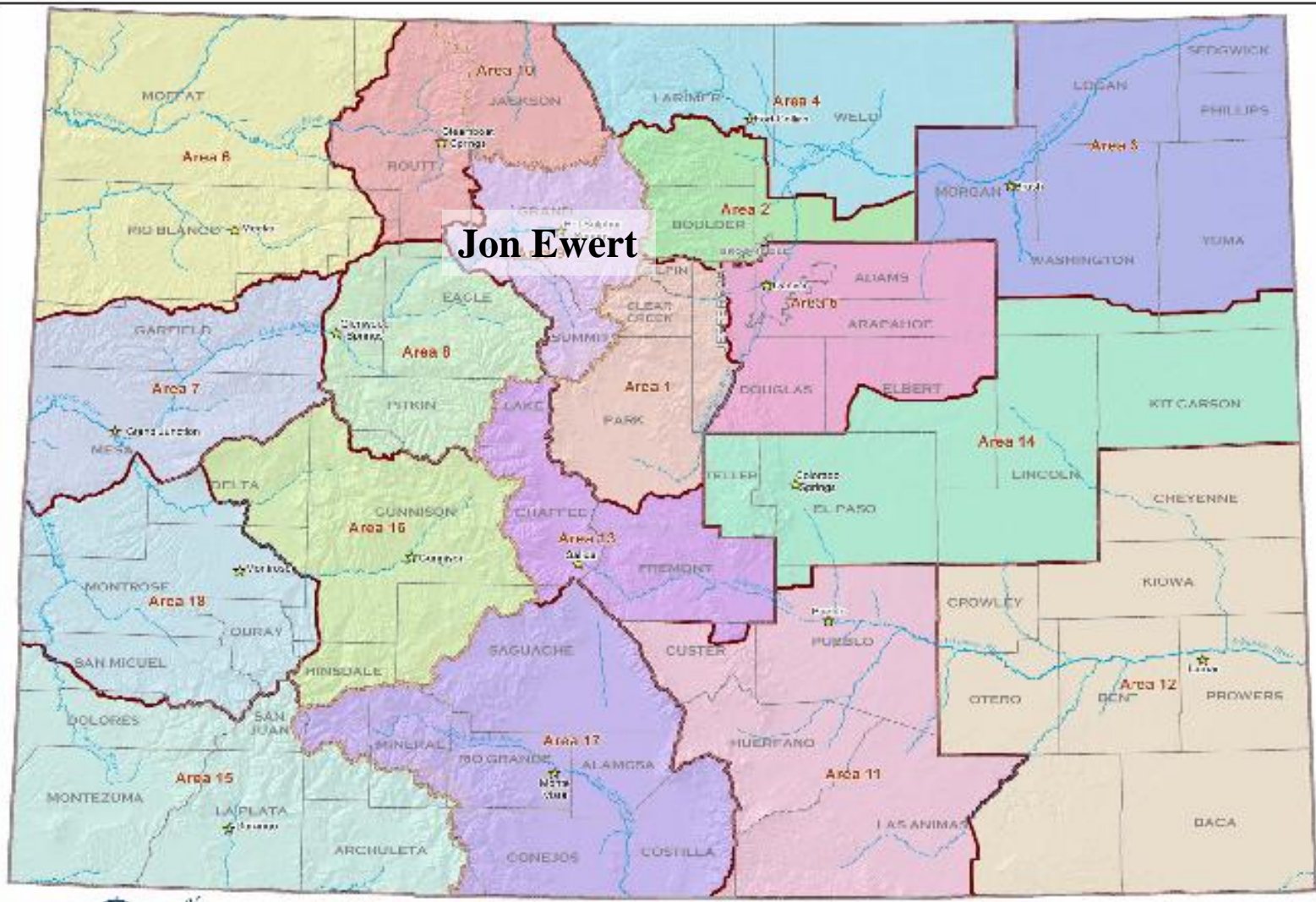
Jon Ewert, CDOW



Jon Ewert

Colorado Division of Wildlife Areas

- Area 1
303-291-7227
 - Area 2
970-472-4480
 - Area 3
970-842-5300
 - Area 4
970-472-4300
 - Area 5
303-291-7227
 - Area 6
970-878-8090
 - Area 7
970-255-6100
 - Area 8
970-947-2920
 - Area 9
970-725-6200
 - Area 10
970-870-2197
 - Area 11
719-551-5300
 - Area 12
719-358-5800
 - Area 13
719-530-5520
 - Area 14
719-227-5200
 - Area 15
970-247-0855
 - Area 16
970-841-7080
 - Area 17
719-587-5900
 - Area 18
970-252-6000
- ★ Area Offices
~ Continental Divide
□ County Boundary

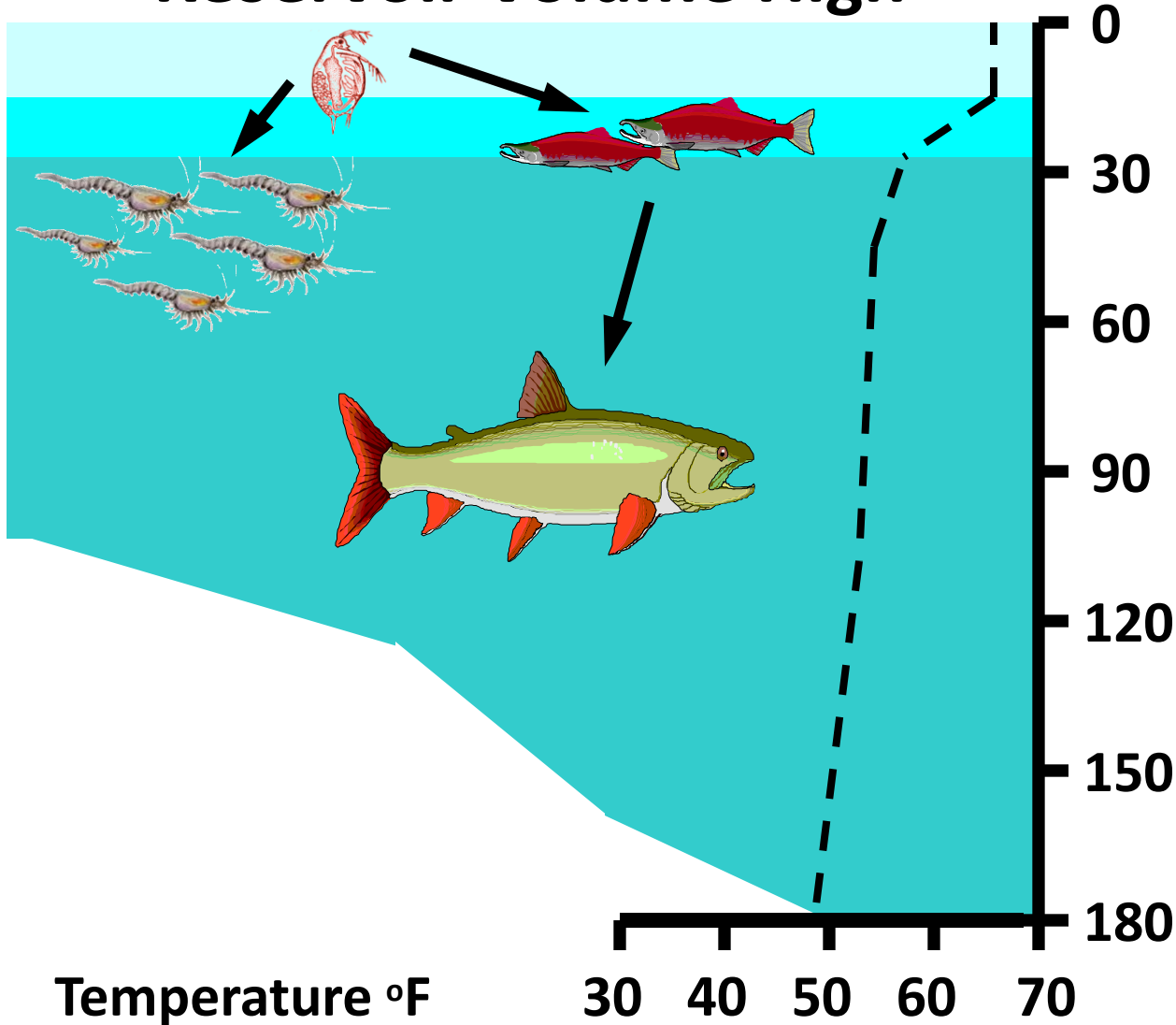




Granby Reservoir:

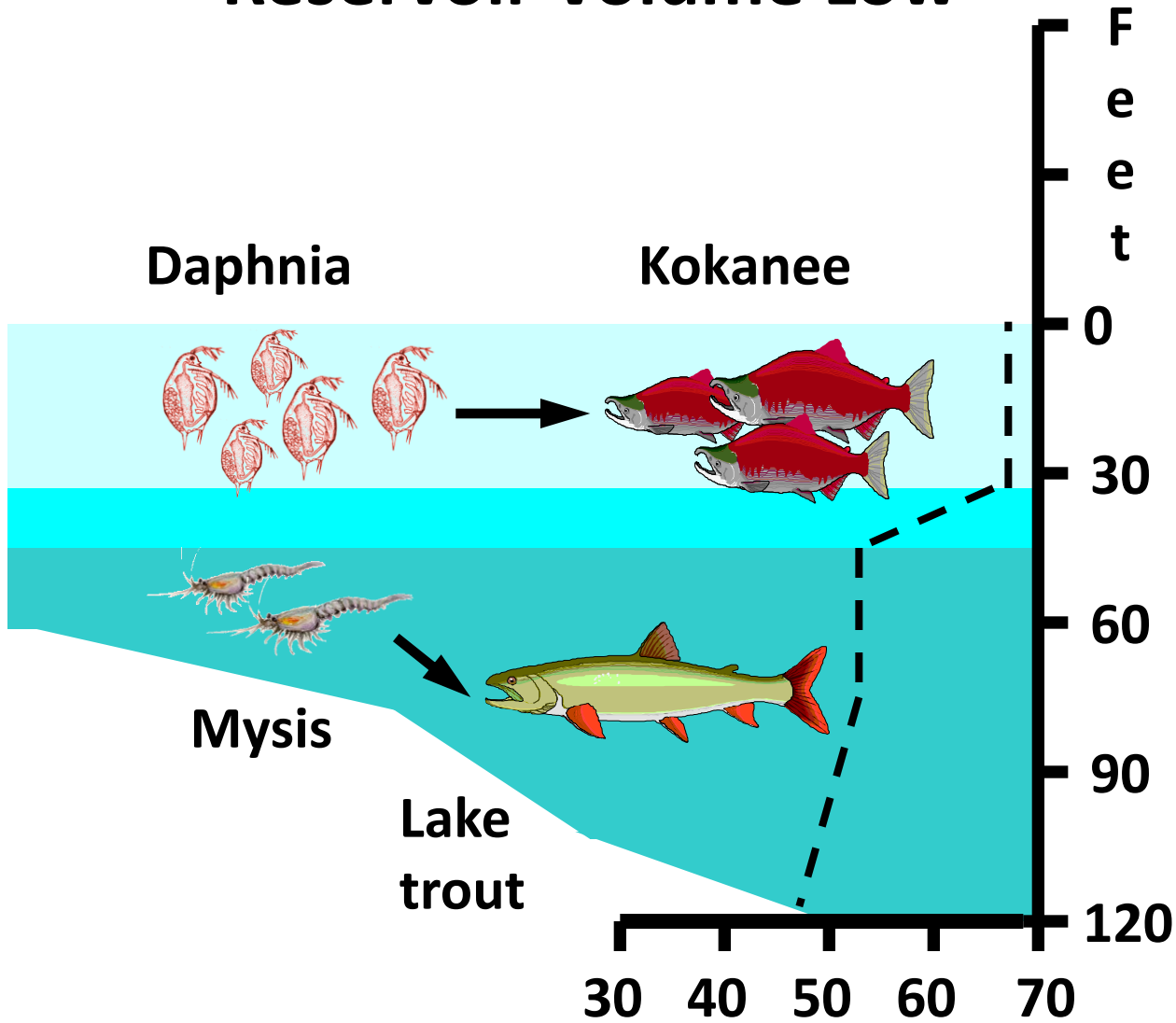
- **Built in 1949**
- **Kokanee introduced in 1951**
- **Lake trout introduced in 1961**
- **Mysis introduced in 1971**

Reservoir Volume High



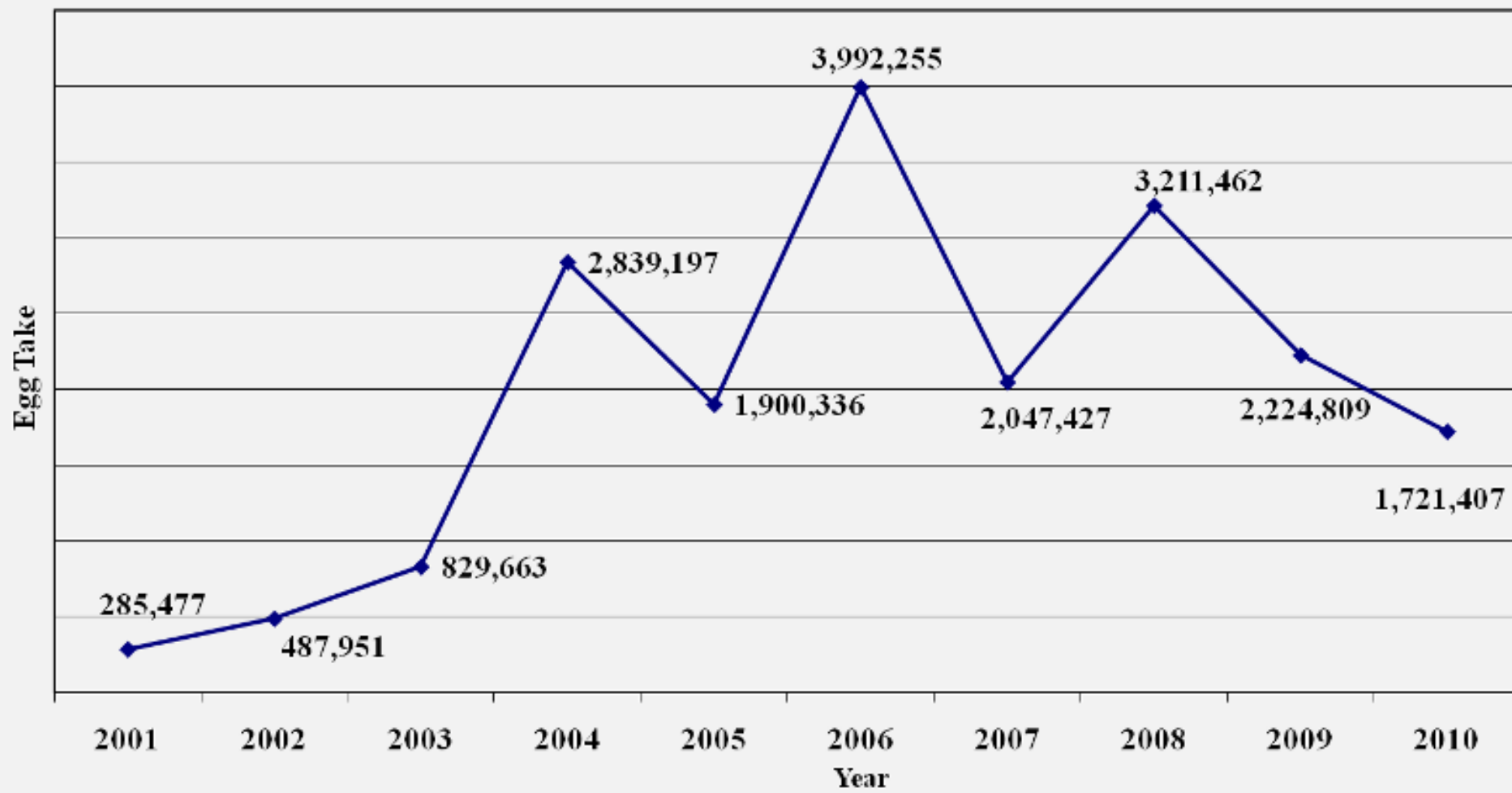
When Granby is more full, cooler water delays *Daphnia*, reducing food, growth & survival of KOK, but this favors *Mysis* & MAC, which prefer colder water.

Reservoir Volume Low

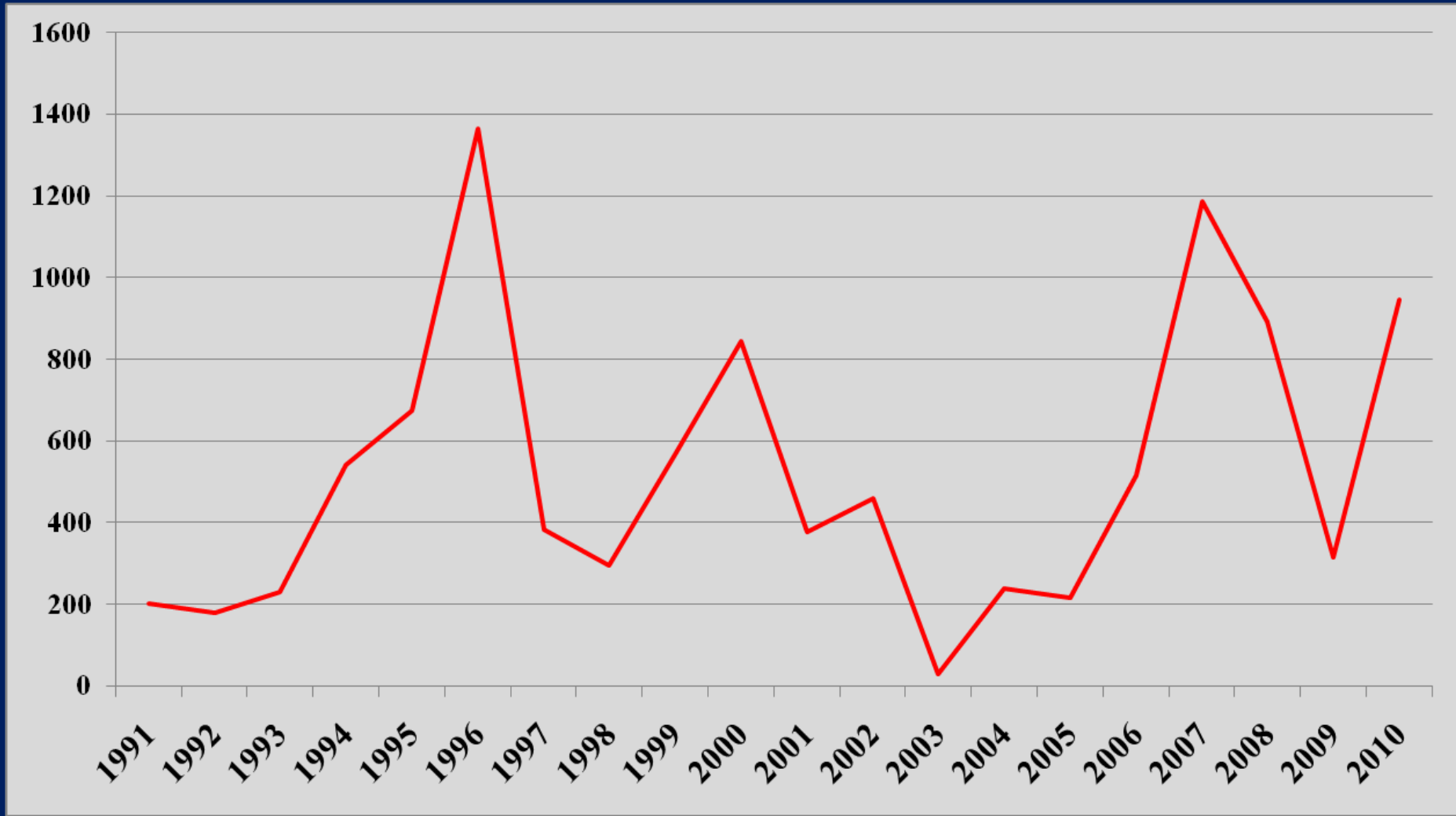


When Granby is less full, warmer water means more *Daphnia*, increasing food, growth & survival of KOK by limiting *Mysis* predation on *Daphnia* & MAC predation on KOK.

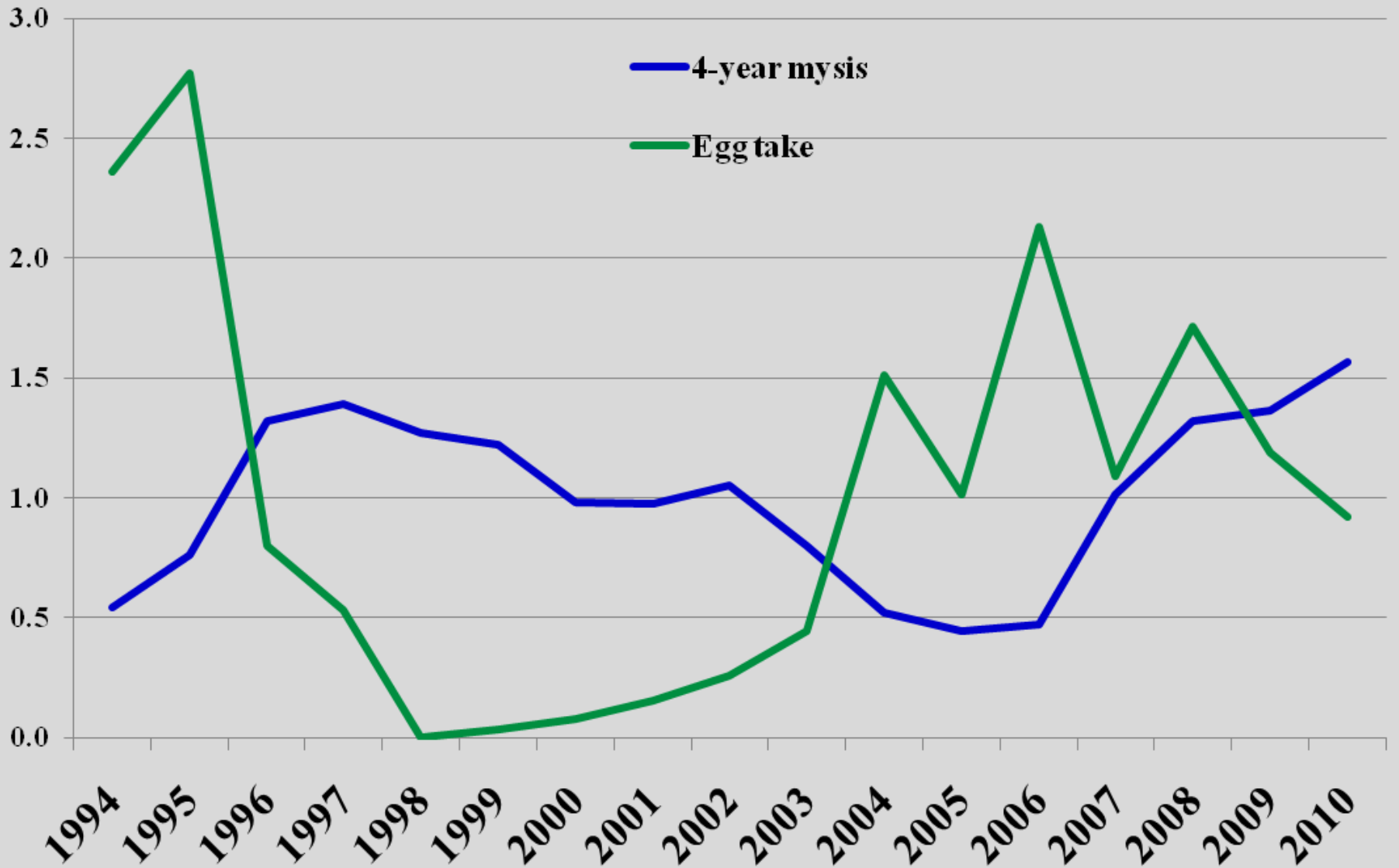
Kokanee Egg Take, Granby 2001 - 2010



Mysis densities observed in Granby Reservoir



Granby Reservoir 4-year rolling average mysis densities and annual egg take





Thanks