

Memorandum

To : Files

Date: July 3, 1975

From : Department of Fish and Game - Region 2

Subject: East Park Reservoir, Colusa County

I surveyed subject reservoir on Memorial Day weekend. Large crowds of fishermen, water-skiers and dirt bikers were present. Weather was hot and clear with some winds.

A fish die-off was reportedly occurring since a week or so prior to the survey. The concessionaire pointed out the dead fish to me. Each downwind embayment on the west side of the lake had, probably 50-200 dead fish. On the first day I could find no stressed fish to collect. The next day I returned in the afternoon and found one redear sunfish still alive. It had fungus on its head and dorsal area. This was the case of most dead fish observed.

A few dead largemouth bass, less than 12 inches long, were found along with redear sunfish and bluegills. Hardest hit though was black bullheads. The main die-off had apparently nearly run its course by the time I arrived. According to concessionaires at the lake, however, fish were still dying in the first week of June. The wind had also been persistently blowing.

May 24 creel check results are as follows:

	No. of Anglers	Angler Hours	Total Fish Caught	Catch per Angler hour
Boat	13	65.5	17	0.26
Shore	11	78.0	36	0.46
Total	24	143.5	53	0.37

The total catch per hour was 0.37. Abundant, small bullheads allowed a higher catch rate for shore anglers. Of the 53 fish checked, there were 36 black bullheads, 8 bluegills, 5 black crappie, and one each rainbow trout, channel catfish, largemouth bass, and redear sunfish.

Of 24 people checked, 3 were from Butte County, 5 from Sacramento County and 16 from Bay Area counties.

Water temperatures were not taken because the hydrographic thermometer malfunctioned. Gillnets were not set because of the high density of people.

Ron Rogers
Ron Rogers
Asst. Fishery Biologist
Region 2

cc: Captain J. Leamon
Warden C. Jensen

RR:ilw

REGION II FISHERIES MGMT. CREEL CENSUS FORM

Water East Park Reservoir Date 5/24 1975 Checker Rogers

Use Count (specify locations, est. proportion of total seen) Concessionaire estimated

Time	Boat Anglers	Shore Anglers	No. of Boats	No. of Cars
0800				
1000				
1200				
1400				
1600				
1800				
2000				

1200 people using the area
Weather conditions:

Clear Calm Rain
Cloudy Windy

Key: T - Tagged
LV-Left ventral
Ad-Adipose
RP-Right pectoral

Anglers Boat	Shore	H r s.	Ang. X Hrs.	Angling Complete		Unmarked Fish			Other Marks or Tags				Total all Fish	Co. of Res.	Other Info.
				Yes	No	RT	CCF	BCR	LMB	Back BH	RSF	BG			
2		1	2		X				1	1			2	ST Clara	
2		5.5	11		X						1		1	Sacto	
2		0.25	0.5		X								0	Alameda	
	4	0.5	2		X								0	Yolo	
	3	4	12	X									0	Sacto	
2		4	8	X									0	Contra Costa	
	4	16	64		X			1		30		5	36	Alameda Napa	
2		2.5	5	X		1	4		4				9	Contra Costa	
3		13	39		X	1			1			3	5	Butte	
TOTAL		11				1	1	5	1	36	1	8	53		