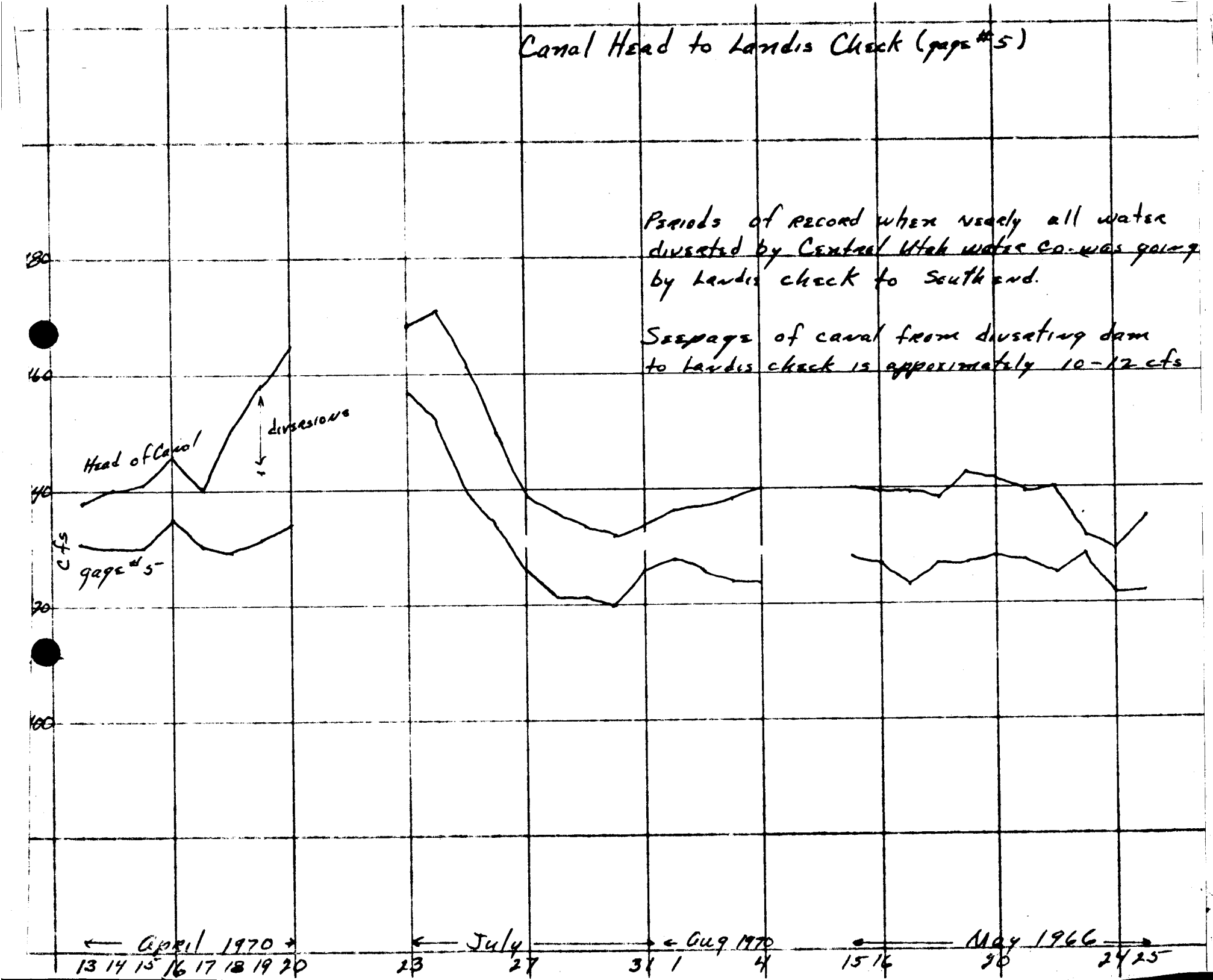
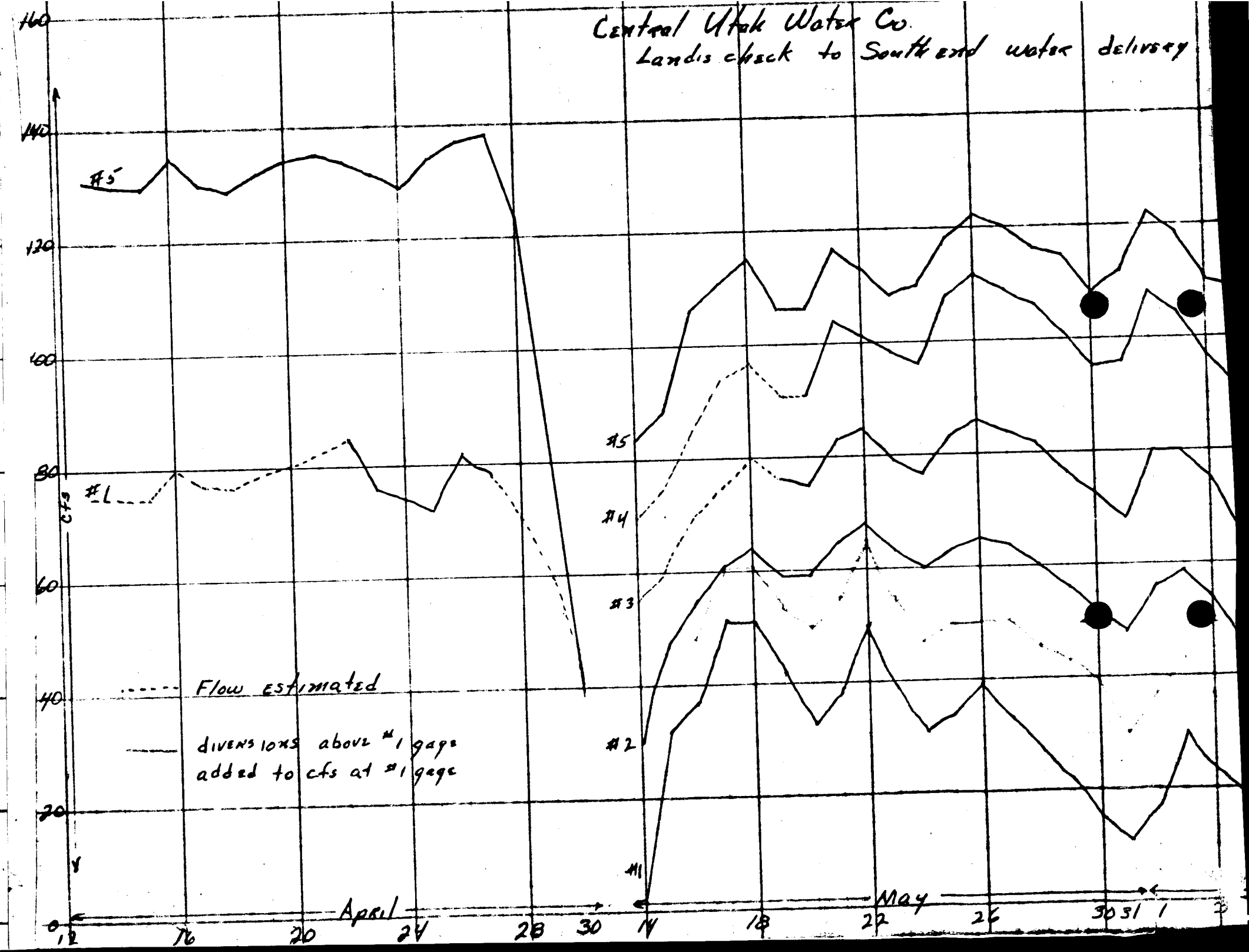
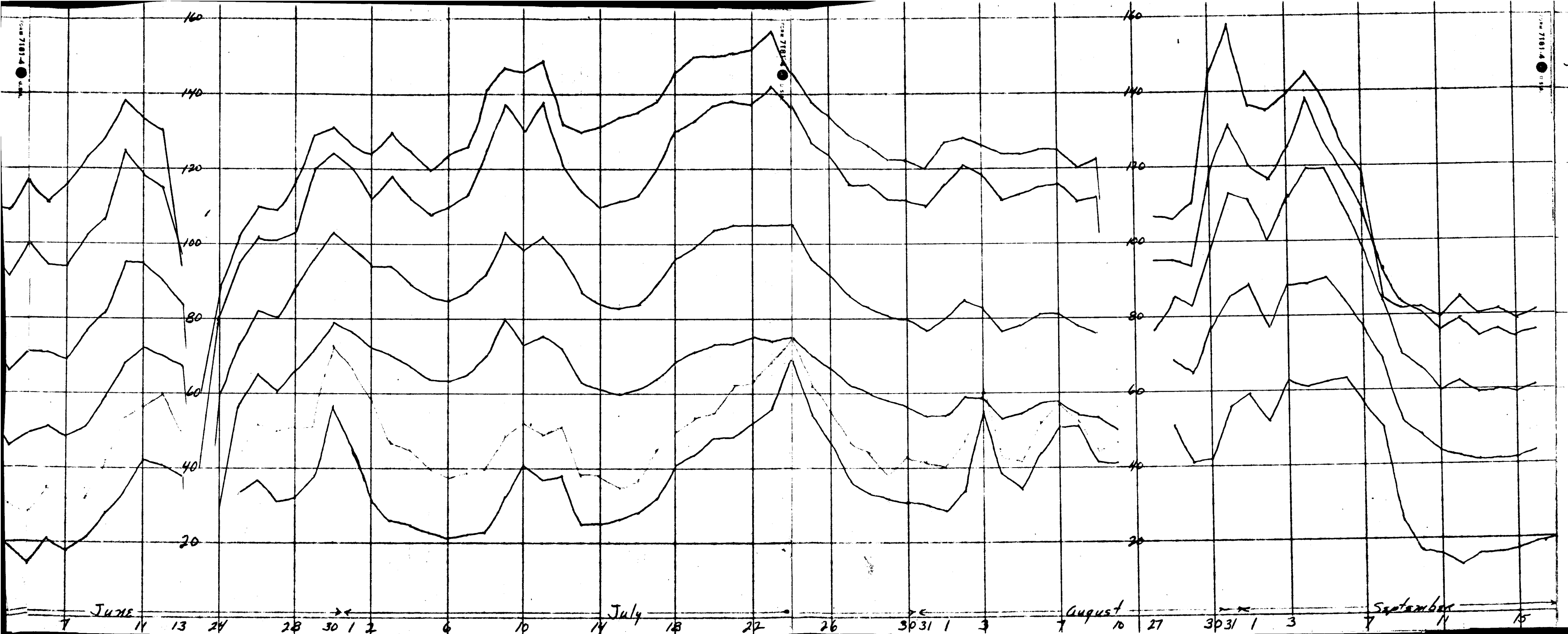

Canal Head to Landis Check (gage #5)
Periods of record when nearly all water diverted by Central Utah water co. was going by Landis check to South end.
Seepage of canal from diverting dam to Landis check is approximately 10-12 cfs
Head of Canal
diversions
gage #5
cfs
180
160
140
120
100
April 1970
July
Aug 1970
May 1966
13 14 15 16 17 18 19 20
23 27
31 1 4
15 16
20
24 25


Central Utah Water Co.
Landis check to South end water delivery
#5
#1
#5
#4
#3
#2
#1
cfs
160
140
120
100
80
60
40
20
0
Flow estimated
diversions above #1 gage added to cfs at #1 gage
April
May
12 16 20 24 28 30
14 18 22 26 30 31 1



Summary

May - September
99 days

Station	Flow	In Flow ac ft	Mean cfs	Loss cfs	Loss ac ft	Loss cfs/mile	Loss % of In Flow	Loss % - mile
# 5	0	23939	122					
# 4	4 miles	21528	109	13	2411	3.25	10.1	2.52
# 3	7 miles	16839	86	23	4689	3.29	27.8	3.97
# 2	8 miles	12314	63	23	4525	2.88	36.7	4.59
# 1	10 miles	8920	45	18	3394	1.8	38.0	3.80
				77	15019	2.65 ave		

Notes:

a. Total water by gage #5 for year 28417 ac ft. Total loss to gage #1 for year 16866 ac ft.
b. April 13-29 4478 ac ft by gage #5 delivered 1656 ac ft to farms = 37 %
c. May - Sept 23939 ac ft by gage #5 delivered 7480 ac ft to farms = 31 %
d. 12314 ac ft by gage #2 delivered 7480 ac ft to farms = 61 %
e. Losses between gage #2 and gage #1 include administrative losses of delivering approximately 1700 ac ft to farms between the two gages