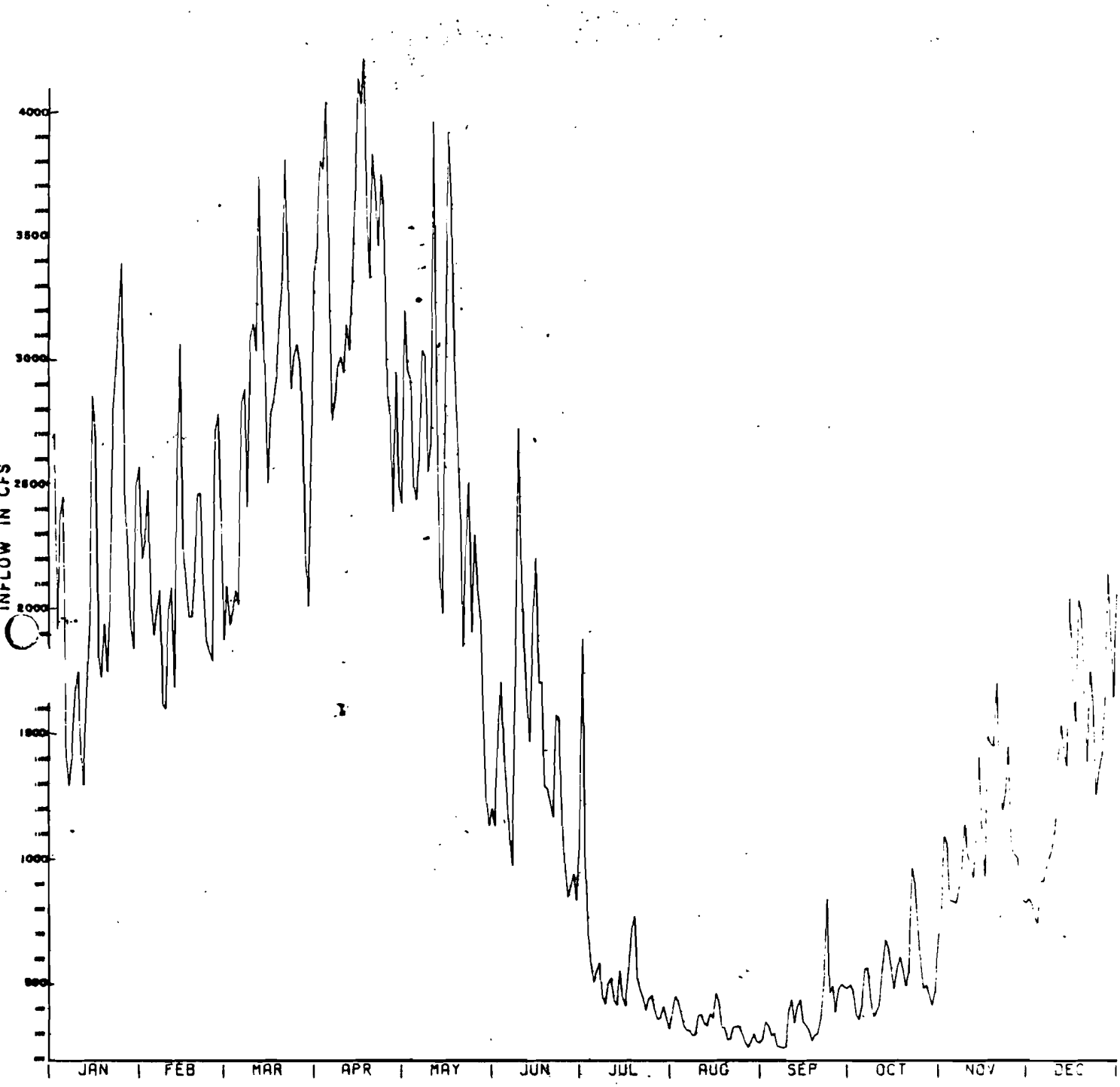
PERTINENT DATA SUMMARY
WAPPAPELLO LAKE

ITEM	
EARTH FILL DAM	
Crest length, feet	2,700
Maximum height	109
Crown width	30
Elevation at top of dam	419.7
Total volume, including dikes, cubic yards	2,700,000
SPILLWAY (CONCRETE OGEE, UNGATED)	
Crest elevation	394.7
Width, feet	740
Discharge capacity (surcharge pool), cfs	220,000
OUTLET STRUCTURE	
Number of conduits	1
Cross-sectional area, sq. ft.	380
Total length of structure, including intake and stilling basin, feet	724
Number of gates	3
Size of gates, feet	10 X 20
Elevation, bottom of gates	338.1
Discharge capacity (flood-control pool), cfs	18,000
RESERVOIR	
Elevation, conservation pool	354.7
Surface area, conservation pool, acres	4,100
Storage capacity, conservation pool, acre-feet	30,900
Elevation, flood-control pool	394.7
Surface area, flood-control pool, areas	23,200
Storage capacity, flood-control pool, acre-feet	613,200
Elevation surcharge pool	413.7
Surface area, surcharge pool, acres	32,100
Storage capacity, surcharge pool, acre-feet	1,134,600

NOTE: ALL ELEVATIONS SHOWN IN THIS MANUAL HAVE BEEN CONVERTED TO THE 1941 ADJUSTED NATIONAL GEODETIC VERTICAL DATUM (NGVD).



AVERAGE DAILY INFLOW INTO WAPPAPELLO LAKE

PLATE 7

K+E SEMI-LOGARITHMIC 46 5133
2 CYCLES X 140 DIVISIONS MADE IN U.S.A.
KEUFFEL & ESSER CO.

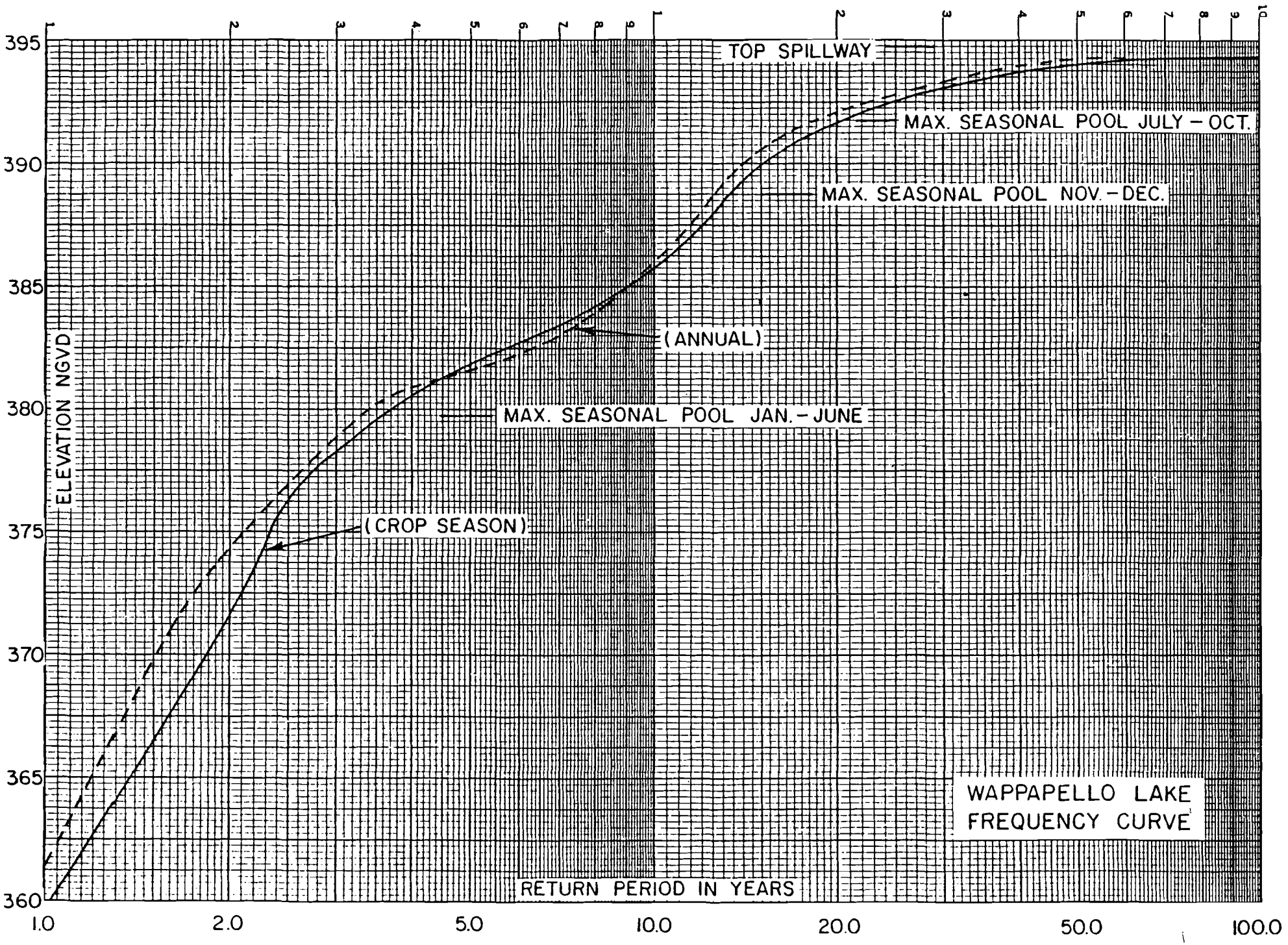


PLATE 16

K+E 10 X 10 TO THE INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

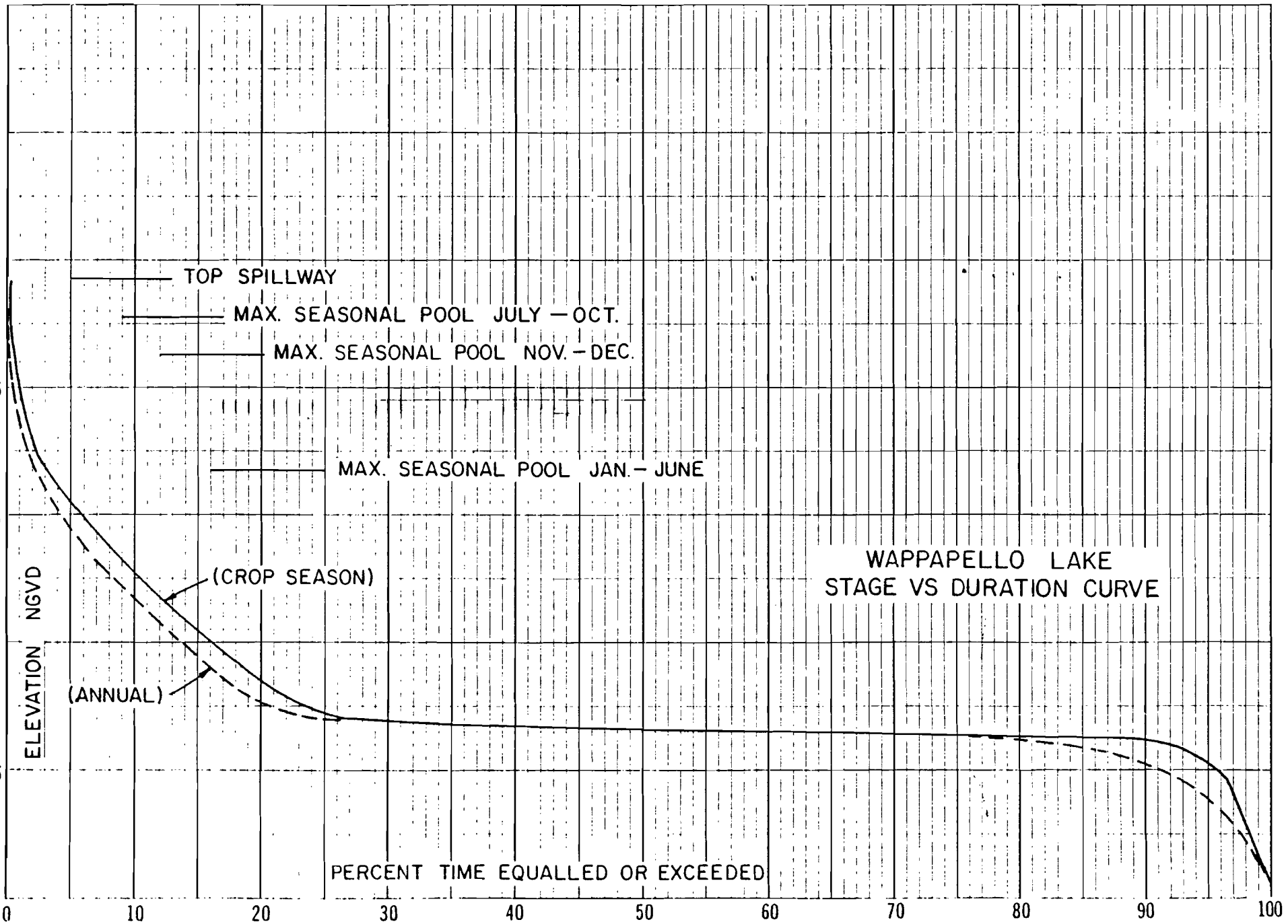
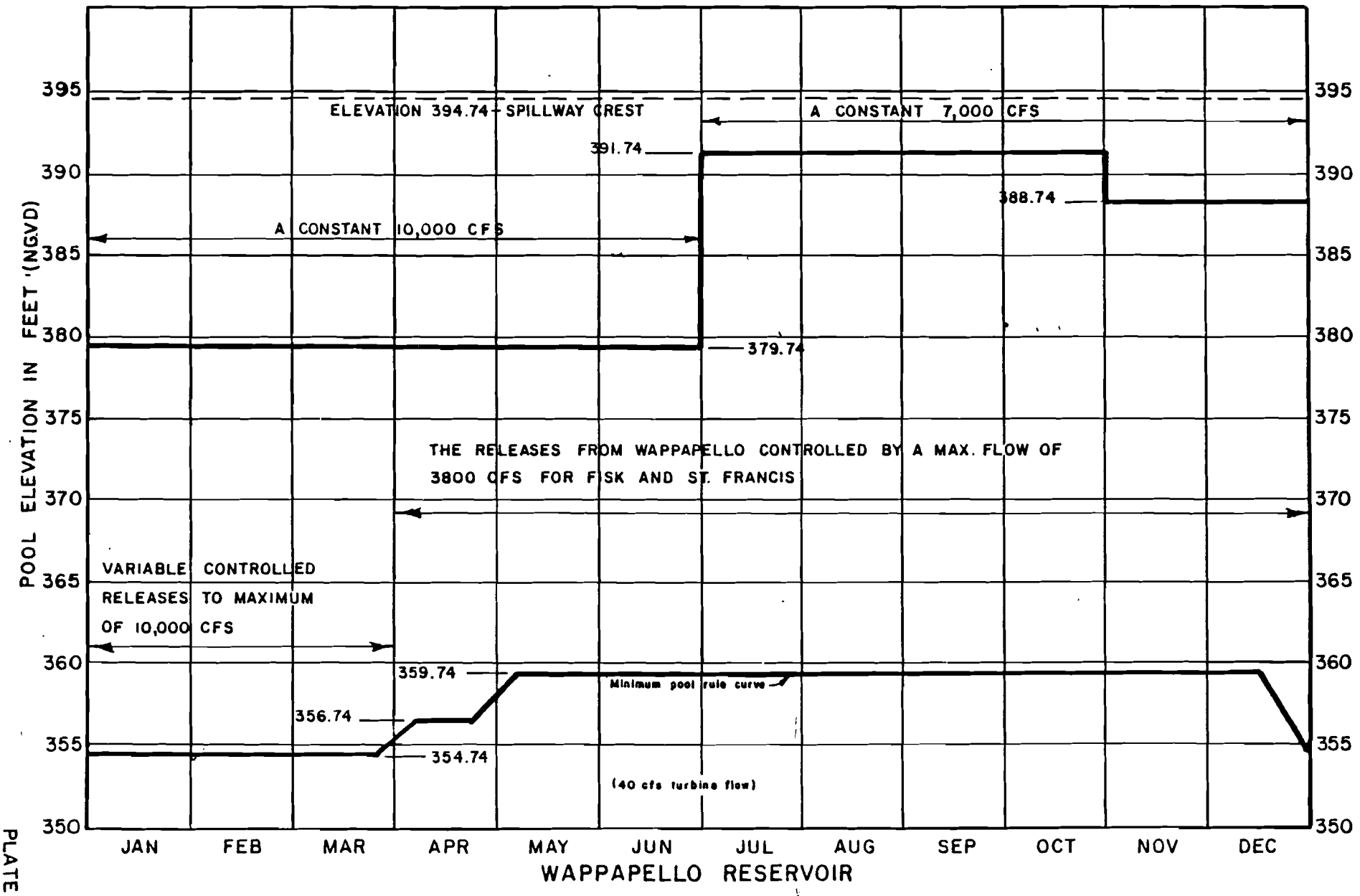


PLATE 17



WAPPAPELLO LAKE
RELEASE SCHEDULE