

AREA RATIO	FREQUENCIES FOR COINCIDENTAL OCCURRENCE			
	10-Year Design		100-Year Design	
	MAIN STREAM	TRIBUTARY	MAIN STREAM	TRIBUTARY
10 000 TO 1	1 10	10 1	2 100	100 2
1000 TO 1	2 10	10 2	10 100	100 10
100 TO 1	5 10	10 5	25 100	100 25
10 TO 1	10 10	10 10	50 100	100 50
1 TO 1	10 10	10 10	100 100	100 100

## JOINT PROBABILITY ANALYSIS

**Figure 36-13A**