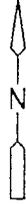
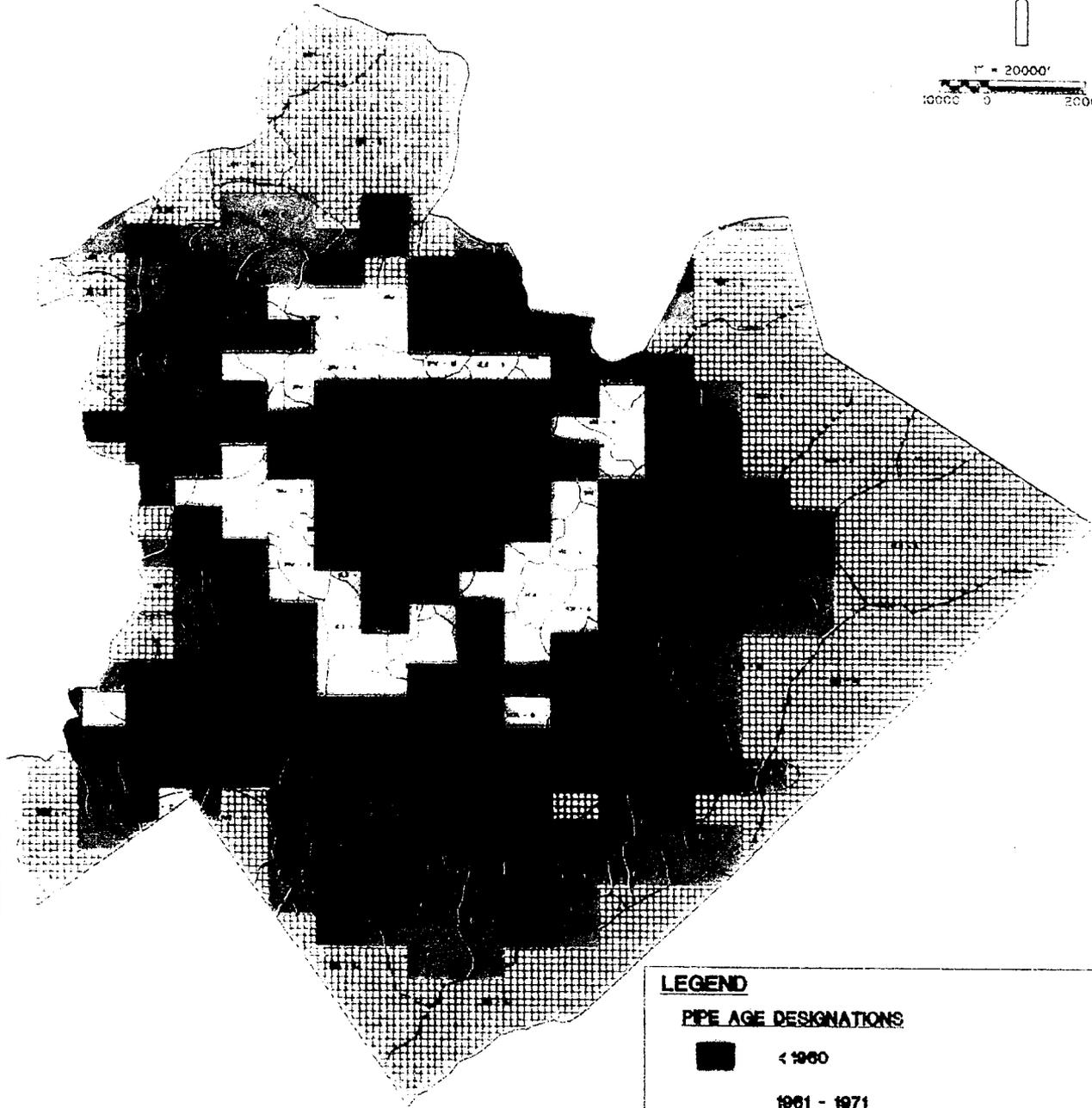


Appendix D: Figures

CMUD AVERAGE AGE OF SEWER MAP



1" = 20000'
10000 0 20000



LEGEND

PIPE AGE DESIGNATIONS

- | | |
|--|-------------|
|  | < 1960 |
|  | 1961 - 1971 |
|  | 1972 - 1984 |
|  | > 1984 |
|  | NO DATE |

CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

AVERAGE AGE OF SEWER ANALYSIS

CDM

*environmental engineers, scientists,
planners, & management consultants*

FIGURE 2: Flow vs. Groundwater

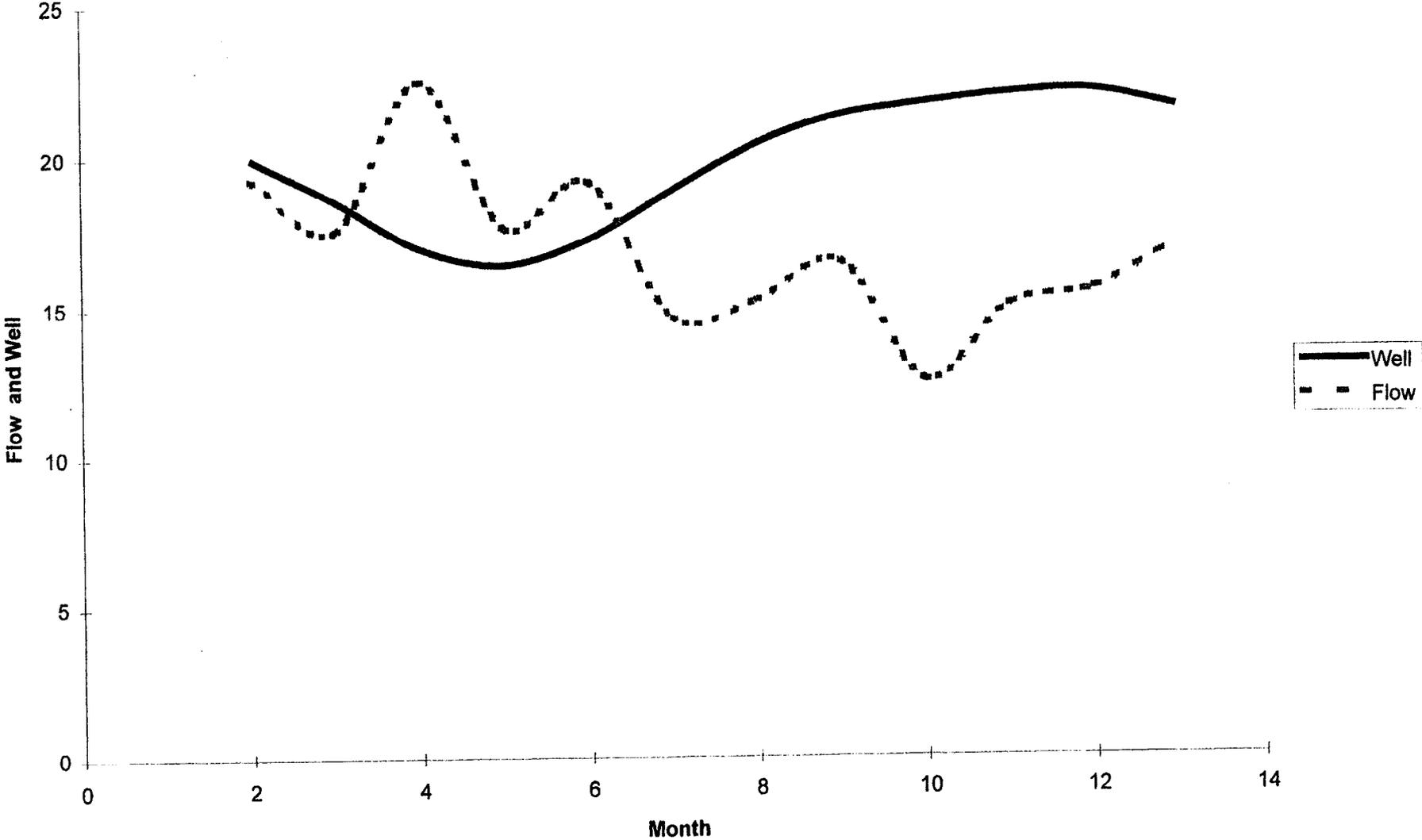


FIGURE 3: SSO Frequency

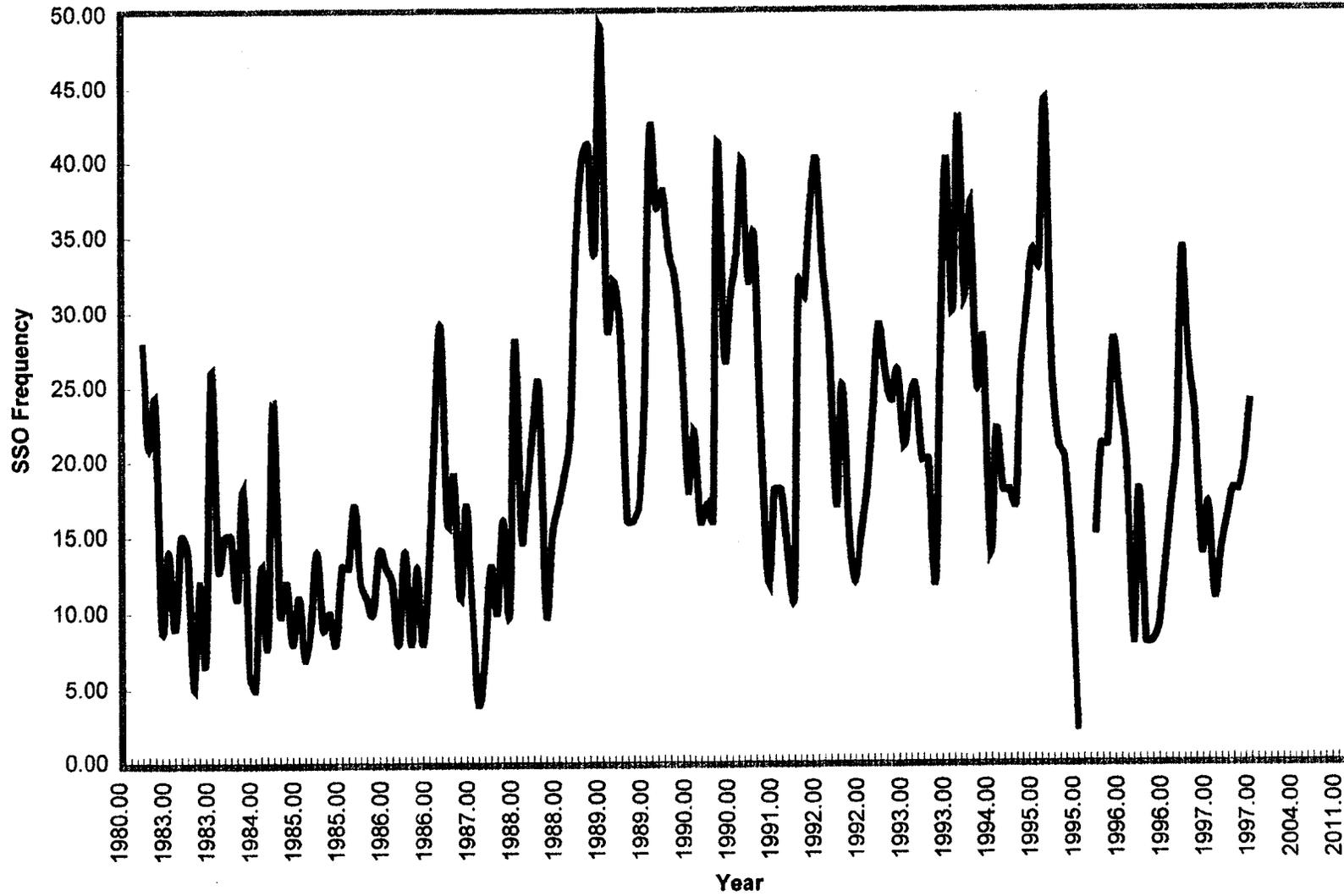


FIGURE 4: SSO Frequency, Observed vs. Estimated (Stage 2)

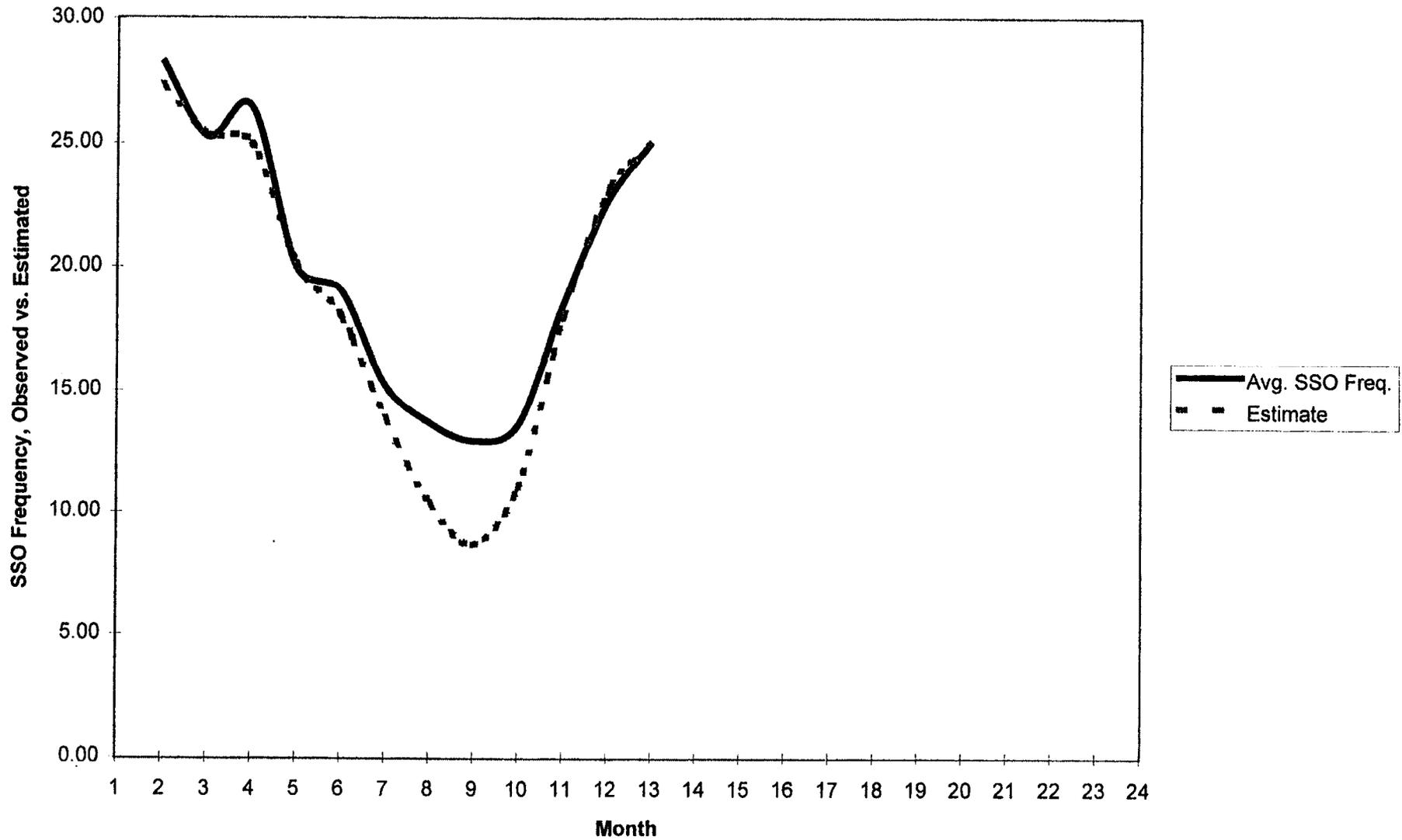


FIGURE 5: Flow Impact

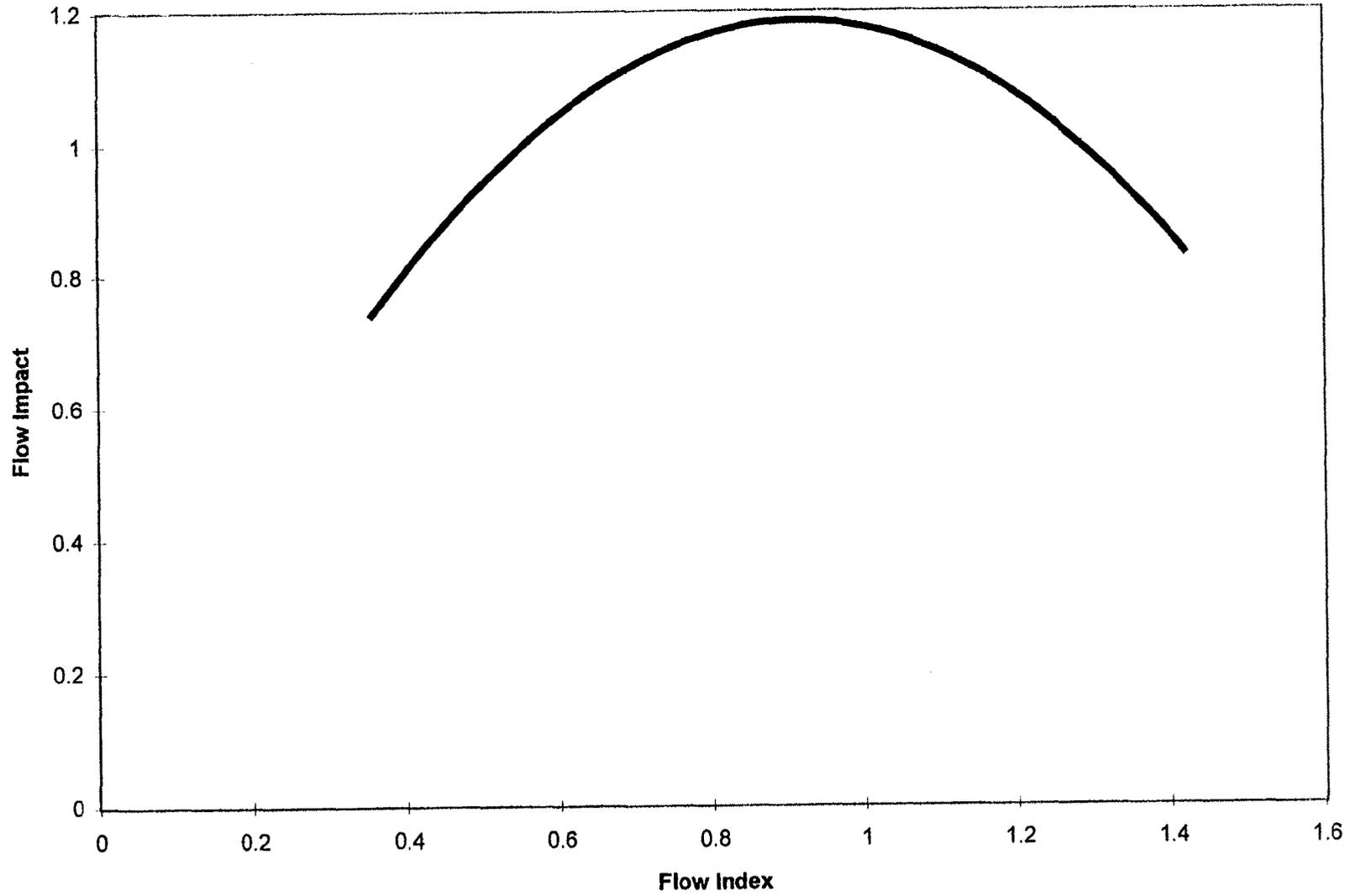


FIGURE 6: Seasonal Impact

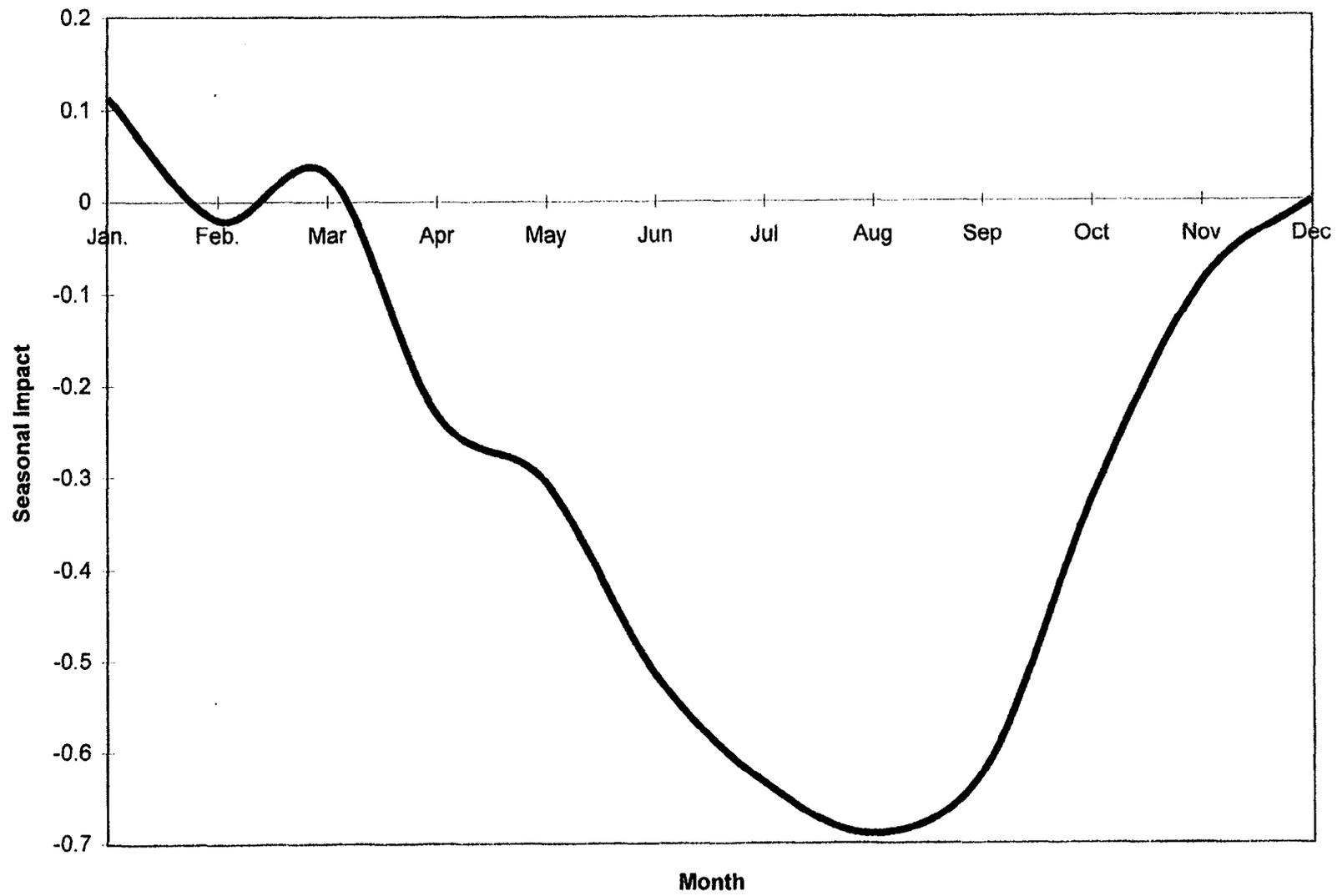


FIGURE 7: Pro-active Maintenance Impact

