

## TABLE OF CONTENTS

	<u>Page</u>
1 INTRODUCTION . . . . .	1
2 EVIDENCE OF LOCAL AND MESOSCALE EFFECTS . . . . .	3
2.1 Plumes from Individual Point Sources . . . . .	3
2.2 Plumes from Urban and Area Sources . . . . .	7
3 SURVEY OF LOCAL AND MESOSCALE MODELS . . . . .	17
3.1 Local Models . . . . .	17
3.2 Mesoscale Models . . . . .	19
4 SUMMARY AND RECOMMENDATIONS . . . . .	28
4.1 Concentrations and Deposition on a Local Scale . . . . .	28
4.2 Survey of Local and Mesoscale Models . . . . .	31
4.3 Recommendations for Future Work . . . . .	34
REFERENCES . . . . .	36