

COMPUTATIONS OF GAS-TO-PARTICLE (G-to-P) CONVERSION RATES
FOR SULFATE IN THE PLUME FROM MT. ST. HELENS

<u>DATE</u>	<u>DISTANCE FROM MOUNTAIN (KM)</u>	<u>[SO₄⁻²] (μg m⁻³)*</u>	<u>G-to P (%/hr)</u>
June 18, 1980	18.5	3.66	0.17
	55.6	3.74	
June 30, 1980	1.9	7.07	0.07
	3.7	11.52	
	18.5	11.89	
August 29, 1980	22	6.26	0.56
	37	3.28	

* FROM ION CHROMATOGRAPHY ANALYSIS OF FILTERS EXPOSED IN PLUME