EEM 3 Uncertainty/Sensitivity Analysis
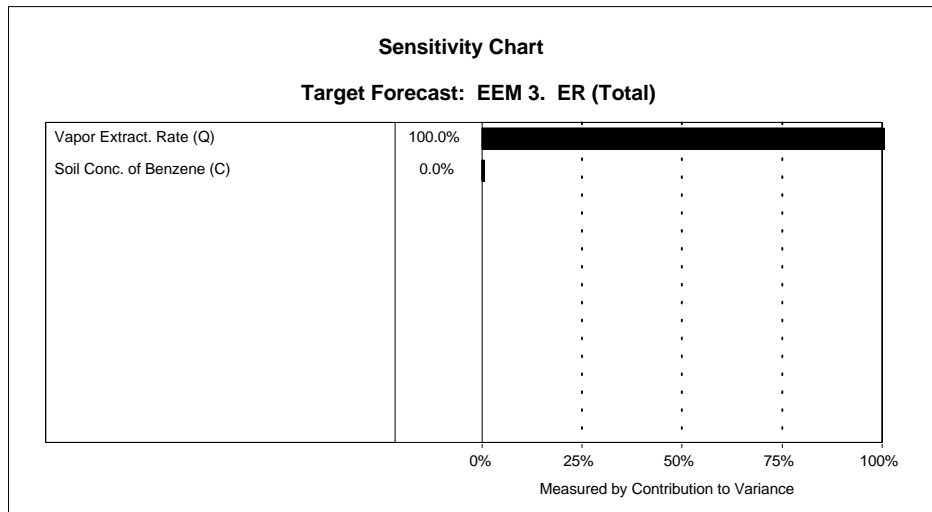Simulation started on 9/27/96 at 12:55:39
Simulation stopped on 9/27/96 at 12:56:34
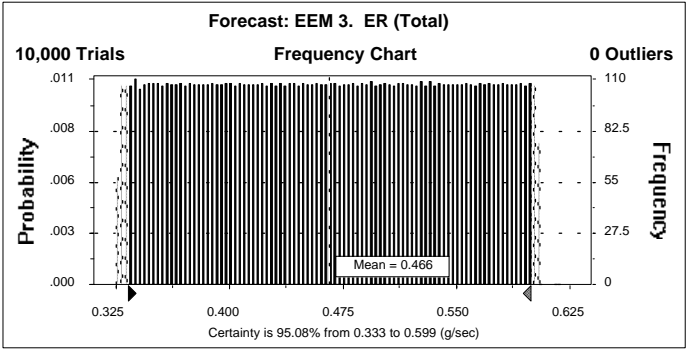
Sensitivity Chart

Target Forecast: EEM 3. ER (Total)

Vapor Extract. Rate (Q)	100.0%	
Soil Conc. of Benzene (C)	0.0%	

0%   25%   50%   75%   100%

Measured by Contribution to Variance

Forecast: EEM 3. ER (Total)   **Cell: B20**

Summary:
Certainty Level is 95.08%
Certainty Range is from 0.333 to 0.599 (g/sec)
Display Range is from 0.325 to 0.625 (g/sec)
Entire Range is from 0.326 to 0.606 (g/sec)
After 10,000 Trials, the Std. Error of the Mean is 0.001

Statistics:	Value
Trials	10000
Mean	0.466
Median	0.466
Mode	---
Standard Deviation	0.081
Variance	0.007
Skewness	0.00
Kurtosis	1.80
Coeff. of Variability	0.17
Range Minimum	0.326
Range Maximum	0.606
Range Width	0.280
Mean Std. Error	0.001

Percentiles:

Percentile	(g/sec)
0%	0.326
10%	0.354
20%	0.382
30%	0.410
40%	0.438
50%	0.466

Percentile	(g/sec)
60%	0.494
70%	0.522
80%	0.550
90%	0.578
100%	0.606

End of Forecast

Assumptions

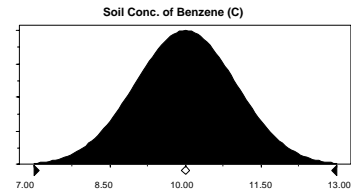**Assumption: Soil Conc. of Benzene (C)**   **Cell: C5**

Normal distribution with parameters:
    Mean   10.00
    Standard Dev.   1.00

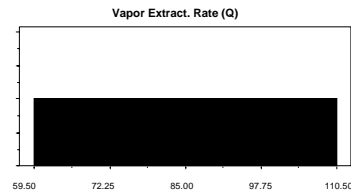Selected range is from -Infinity to +Infinity
Mean value in simulation was 10.00

Soil Conc. of Benzene (C)

7.00   8.50   10.00   11.50   13.00

Assumption: Vapor Extract. Rate (Q)   **Cell: C6**

Uniform distribution with parameters:
    Minimum   59.50
    Maximum   110.50

Mean value in simulation was 85.00

Vapor Extract. Rate (Q)

59.50   72.25   85.00   97.75   110.50

End of Assumptions