

APPENDIX J

Evacuation Time Estimates for All Evacuation Regions and Scenarios  
And  
Evacuation Time Graphs for Region R3, for all Scenarios

APPENDIX J: EVACUATION TIME ESTIMATES FOR  
ALL EVACUATION REGIONS AND SCENARIOS

AND  
EVACUATION TIME GRAPHS FOR REGION R3, FOR ALL SCENARIOS

This appendix presents the ETE Results for all 22 Regions and all 12 Scenarios (Tables J-1A through J-1D), and plots of Evacuating Vehicles vs. Elapsed Time leaving the 2-mile and 5-mile circular areas and the entire EPZ for Region R3, for all 12 scenarios. Each plot has points indicating the evacuation times corresponding to the 50<sup>th</sup>, 90<sup>th</sup>, and 95<sup>th</sup> percentiles of evacuated vehicles.

J.1 Guidance on Using ETE Tables

Tables J-1A through J-1D present the ETE values for all 22 Evacuation Regions and all 12 Evacuation Scenarios. They are organized as follows:

Table	Contents
J-1A	ETE represents the elapsed time required for 50 percent of the population within a Region, to evacuate from that Region.
J-1B	ETE represents the elapsed time required for 90 percent of the population within a Region, to evacuate from that Region.
J-1C	ETE represents the elapsed time required for 95 percent of the population within a Region, to evacuate from that Region.
J-1D	ETE represents the elapsed time required for 100 percent of the population within a Region, to evacuate from that Region.

The user first determines the percentile of population for which the ETE is sought. The applicable value of ETE within the chosen Table may then be identified using the following procedure:

1. Identify the applicable **Scenario**:
  - The Season
    - Summer
    - Winter (also Autumn and Spring)
  - The Day of Week
    - Midweek
    - Weekend
  - The Time of Day
    - Midday

- Evening
- Weather Condition
  - Good Weather
  - Rain
  - Ice
- Special Event
  - New Plant Construction

While these Scenarios are designed, in aggregate, to represent conditions throughout the year, some further clarification is warranted:

- The conditions of a summer evening (either midweek or weekend) and rain are not explicitly identified in Tables J-1A through J-1D. For these conditions, Scenario (4) applies.
- The conditions of a winter evening (either midweek or weekend) and rain are not explicitly identified in Tables J-1A through J-1D. For these conditions, Scenarios (7) and (10) for rain apply.
- The seasons are defined as follows:
  - Summer implies that public schools are *not* in session.
  - Winter, Spring and Autumn imply that public schools *are* in session.
- Time of Day: Midday implies the time over which most commuters are at work.

2. With the Scenario identified, now identify the **Evacuation Region**:

- Determine the projected azimuth direction of the plume (coincident with the wind direction). This direction is expressed in terms of compass orientation: *towards* N, NNE, NE, ...
- Determine the distance that the Evacuation Region will extend from the Lee Nuclear Station. The applicable distances and their associated candidate Regions are given below:
  - 2 Miles (Region R01)
  - 5 Miles (Regions R02, and R04 through R10)
  - to EPZ Boundary (Regions R03 and R11 through R22)
- Enter Table J-2 and identify the applicable group of candidate Regions based on the distance that the selected Region extends from WLS. Select the Evacuation Region identifier in that row from the first column of the Table.

3. Determine the **ETE for the Scenario** identified in Step 1 and the Region identified in Step 2, as follows:

- The columns of Table J-1 are labeled with the Scenario numbers. Identify the proper column in the selected Table using the Scenario number determined in Step 1.
- Identify the row in this table that provides ETE values for the Region identified in Step 2.

- The unique data cell defined by the column and row so determined contains the desired value of ETE expressed in Hours:Minutes.

### Example

It is desired to identify the ETE for the following conditions:

- Sunday, August 10<sup>th</sup> at 4:00 AM.
- It is raining.
- Wind direction is *to* the northeast (NE).
- Wind speed is such that the distance to be evacuated is judged to be 10 miles (to EPZ boundary).
- The desired ETE is that value needed to evacuate 95 percent of the population from within the impacted Region.

Table J-1C is applicable because the 95<sup>th</sup>-percentile population is desired. Proceed as follows:

1. Identify the Scenario as summer, weekend, evening and raining. Entering Table J-1C, it is seen that there is no match for these descriptors. However, the clarification given above assigns this combination of circumstances to Scenario 4.
2. Enter Table J-2 and locate the Region described as “5-Mile Ring and Downwind to EPZ Boundary” for wind direction to the NE and read REGION R13 in the first column of that row.
3. Enter Table J-1C to locate the data cell containing the value of ETE for Scenario 4 and Region R13. This data cell is in column (4) and in the row for Region R13; it contains the ETE value of **2:20**.

Table J-1A. Time To Clear The Indicated Area of 50 Percent of the Affected Population

Scenario: Region Wind Toward:	Summer			Summer			Winter			Winter			Summer									
	Midweek (1)	Midweek (2)	Midweek (3)	Midweek (4)	Midweek (5)	Midweek (6)	Midweek (7)	Midweek (8)	Midweek (9)	Midweek (10)	Midweek (11)	Midweek (12)	Scenario: Region Wind Toward:	Scenario: Region Wind Toward:	Scenario: Region Wind Toward:							
																Good Weather	Rain	Good Weather	Rain	Ice	Good Weather	Rain
Entire 2-Mile Region, 5-Mile Region, and EPZ																						
R01 2-mile ring	0:55	0:55	0:50	0:50	0:50	0:55	0:55	0:55	0:50	0:50	0:50	0:50	R01 2-mile ring	0:50	1:45							
R02 5-mile ring	1:20	1:20	0:55	1:00	0:55	1:20	1:20	1:25	0:55	1:00	0:55	0:55	R02 5-mile ring	0:55	1:35							
R03 Entire EPZ	1:40	1:45	1:25	1:25	1:15	1:45	1:45	1:45	1:25	1:25	1:15	1:15	R03 Entire EPZ	1:15	1:45							
2-Mile Ring and Downwind to 5 Miles																						
R04 N,NNE,NE	1:15	1:15	0:55	0:55	0:55	1:15	1:15	1:15	0:55	0:55	0:55	0:55	R04 N,NNE,NE	0:55	1:35							
R05 ENE,E	1:15	1:15	0:55	0:55	0:55	1:15	1:15	1:15	0:55	0:55	0:55	0:55	R05 ENE,E	0:55	1:40							
R06 ESE	1:00	1:00	0:50	0:50	0:55	1:00	1:00	1:00	0:50	0:50	0:55	0:55	R06 ESE	0:55	1:40							
R07 SE,SSE,S	1:10	1:10	0:55	0:55	0:55	1:10	1:10	1:10	0:55	0:55	0:55	0:55	R07 SE,SSE,S	0:55	1:45							
R08 SSW,SW	1:10	1:10	0:55	0:55	0:55	1:10	1:10	1:10	0:55	0:55	0:55	0:55	R08 SSW,SW	0:55	1:45							
R09 WSW,W,WNW	1:15	1:15	0:55	1:00	0:55	1:15	1:15	1:20	0:55	1:00	0:55	0:55	R09 WSW,W,WNW	0:55	1:35							
R10 NW,NNW	1:20	1:20	0:55	0:55	0:55	1:20	1:20	1:20	0:55	0:55	0:55	0:55	R10 NW,NNW	0:55	1:30							
5-Mile Ring and Downwind to EPZ Boundary																						
R11 N	1:20	1:20	1:05	1:05	1:05	1:20	1:20	1:25	1:05	1:05	1:05	1:05	R11 N	1:05	1:25							
R12 NNE	1:20	1:20	1:05	1:05	1:05	1:20	1:20	1:25	1:05	1:05	1:05	1:05	R12 NNE	1:05	1:25							
R13 NE	1:20	1:20	1:05	1:05	1:05	1:20	1:20	1:25	1:05	1:05	1:05	1:05	R13 NE	1:05	1:25							
R14 ENE,E	1:20	1:20	1:00	1:00	1:00	1:20	1:25	1:25	1:00	1:00	1:00	1:00	R14 ENE,E	1:00	1:30							
R15 ESE	1:20	1:20	1:00	1:00	1:00	1:20	1:20	1:25	1:00	1:00	0:55	0:55	R15 ESE	0:55	1:30							
R16 SE	1:20	1:20	0:55	1:00	1:00	1:20	1:20	1:25	0:55	1:00	0:55	0:55	R16 SE	0:55	1:30							
R17 SSE	1:25	1:25	1:00	1:05	1:00	1:25	1:25	1:30	1:00	1:00	1:00	1:00	R17 SSE	1:00	1:35							
R18 S	1:25	1:25	1:00	1:05	1:00	1:25	1:25	1:30	1:00	1:00	1:00	1:00	R18 S	1:00	1:35							
R19 SSW,SW	1:25	1:25	1:05	1:05	1:05	1:25	1:25	1:30	1:05	1:05	1:05	1:05	R19 SSW,SW	1:05	1:35							
R20 WSW	1:40	1:45	1:25	1:25	1:15	1:45	1:45	1:45	1:25	1:25	1:15	1:15	R20 WSW	1:15	1:45							
R21 W,WNW	1:40	1:40	1:25	1:25	1:15	1:40	1:45	1:45	1:25	1:25	1:15	1:15	R21 W,WNW	1:15	1:45							
R22 NW,NNW	1:40	1:40	1:25	1:25	1:15	1:40	1:40	1:45	1:20	1:25	1:15	1:15	R22 NW,NNW	1:15	1:45							

Table J-1B. Time To Clear The Indicated Area of 90 Percent of the Affected Population

Scenario: Region Wind Toward:	Summer			Summer			Winter			Winter			Summer									
	Midweek (1)	Midweek (2)	Midweek (3)	Midweek (4)	Midweek (5)	Midweek (6)	Midweek (7)	Midweek (8)	Midweek (9)	Midweek (10)	Midweek (11)	Midweek (12)	Scenario: Region Wind Toward:	Scenario: Region Wind Toward:	Scenario: Region Wind Toward:							
																Good Weather	Rain	Ice	Good Weather	Rain	Good Weather	Good Weather
Entire 2-Mile Region, 5-Mile Region, and EPZ																						
R01 2-mile ring	1:50	1:50	1:30	1:30	1:50	1:50	1:50	1:50	1:30	1:30	1:50	1:50	R01 2-mile ring		3:00							
R02 5-mile ring	2:30	2:30	1:50	1:50	1:50	2:30	2:30	2:30	1:50	1:50	1:50	1:50	R02 5-mile ring		3:00							
R03 Entire EPZ	3:25	3:25	2:55	3:00	2:30	3:25	3:30	3:35	2:50	2:50	2:30	2:30	R03 Entire EPZ		3:35							
2-Mile Ring and Downwind to 5 Miles																						
R04 N,NNE,NE	2:25	2:30	1:50	1:50	1:50	2:25	2:30	2:30	1:50	1:50	1:50	1:50	R04 N,NNE,NE		3:00							
R05 ENE,E	2:30	2:30	1:50	1:50	1:50	2:30	2:30	2:30	1:50	1:50	1:50	1:50	R05 ENE,E		3:00							
R06 ESE	2:00	2:00	1:40	1:40	1:50	2:00	2:00	2:00	1:40	1:40	1:50	1:50	R06 ESE		3:00							
R07 SE,SSE,S	2:20	2:20	1:50	1:50	1:50	2:20	2:20	2:20	1:50	1:50	1:50	1:50	R07 SE,SSE,S		3:05							
R08 SSW,SW	2:10	2:20	1:50	1:50	1:50	2:10	2:10	2:20	1:50	1:50	1:50	1:50	R08 SSW,SW		3:05							
R09 WSW,W,WNW	2:30	2:30	1:50	1:50	1:50	2:30	2:30	2:30	1:50	1:50	1:50	1:50	R09 WSW,W,WNW		3:05							
R10 NW,NNW	2:30	2:30	1:50	1:50	1:50	2:30	2:30	2:30	1:50	1:50	1:50	1:50	R10 NW,NNW		3:00							
5-Mile Ring and Downwind to EPZ Boundary																						
R11 N	2:30	2:30	2:05	2:05	2:00	2:30	2:30	2:40	2:05	2:05	2:00	2:00	R11 N		2:45							
R12 NNE	2:30	2:30	2:05	2:10	2:00	2:30	2:30	2:40	2:05	2:05	2:00	2:00	R12 NNE		2:45							
R13 NE	2:30	2:30	2:10	2:10	2:00	2:30	2:30	2:40	2:05	2:05	2:00	2:00	R13 NE		2:45							
R14 ENE,E	2:30	2:30	2:00	2:00	1:55	2:30	2:30	2:30	2:00	2:00	1:50	1:50	R14 ENE,E		2:50							
R15 ESE	2:30	2:30	2:00	2:00	1:50	2:30	2:30	2:30	2:00	2:00	1:50	1:50	R15 ESE		2:55							
R16 SE	2:30	2:30	1:50	1:50	1:50	2:30	2:30	2:30	1:50	1:50	1:50	1:50	R16 SE		2:55							
R17 SSE	2:40	2:40	2:00	2:00	2:00	2:40	2:40	2:40	2:00	2:00	2:00	2:00	R17 SSE		3:10							
R18 S	2:40	2:40	2:00	2:00	2:00	2:40	2:40	2:40	2:00	2:00	2:00	2:00	R18 S		3:10							
R19 SSW,SW	2:40	2:45	2:20	2:20	2:15	2:40	2:45	2:50	2:20	2:20	2:15	2:15	R19 SSW,SW		3:10							
R20 WSW	3:25	3:25	2:55	3:00	2:30	3:25	3:30	3:35	2:50	2:50	2:30	2:30	R20 WSW		3:35							
R21 W,WNW	3:25	3:25	2:55	3:00	2:30	3:25	3:30	3:30	2:50	2:50	2:30	2:30	R21 W,WNW		3:25							
R22 NW,NNW	3:15	3:20	2:50	2:50	2:25	3:20	3:20	3:25	2:45	2:45	2:25	2:25	R22 NW,NNW		3:20							

Table J-1C. Time To Clear The Indicated Area of 95 Percent of the Affected Population

Scenario: Region Wind Toward:	Summer			Summer			Winter			Winter			Summer									
	Midweek (1)	Midweek (2)	Midweek (3)	Weekend (4)	Midweek (5)	Weekend (6)	Midweek (7)	Midweek (8)	Weekend (9)	Midweek (10)	Midweek (11)	Weekend (12)	Summer Midweek	Summer Midweek								
															Good Weather	Rain	Good Weather	Ice	Good Weather	Rain	Good Weather	Midday Evening
Entire 2-Mile Region, 5-Mile Region, and EPZ																						
R01 2-mile ring	2:30	2:30	1:50	1:50	2:10	2:20	2:30	2:30	1:50	1:50	2:10	2:10	R01 2-mile ring	3:10								
R02 5-mile ring	3:10	3:10	2:10	2:10	2:10	3:10	3:10	3:10	2:10	2:10	2:10	2:10	R02 5-mile ring	3:15								
R03 Entire EPZ	3:40	3:40	3:15	3:20	2:50	3:45	3:45	3:50	3:10	3:10	2:50	2:50	R03 Entire EPZ	3:55								
2-Mile Ring and Downwind to 5 Miles																						
R04 N,NNE,NE	3:00	3:00	2:10	2:10	2:10	3:00	3:00	3:00	2:10	2:10	2:10	2:10	R04 N,NNE,NE	3:10								
R05 ENE,E	3:00	3:00	2:10	2:10	2:10	3:00	3:00	3:00	2:10	2:10	2:10	2:10	R05 ENE,E	3:10								
R06 ESE	2:40	2:40	2:00	2:00	2:10	2:40	2:40	2:40	2:00	2:00	2:10	2:10	R06 ESE	3:10								
R07 SE,SSE,S	2:50	2:50	2:10	2:10	2:10	2:50	2:50	2:50	2:10	2:10	2:10	2:10	R07 SE,SSE,S	3:15								
R08 SSW,SW	2:50	2:50	2:10	2:10	2:10	2:50	2:50	2:50	2:10	2:10	2:10	2:10	R08 SSW,SW	3:15								
R09 WSW,W,WNW	3:00	3:00	2:10	2:10	2:10	3:00	3:00	3:00	2:10	2:10	2:10	2:10	R09 WSW,W,WNW	3:15								
R10 NW,NNW	3:00	3:00	2:10	2:10	2:10	3:00	3:00	3:00	2:10	2:10	2:10	2:10	R10 NW,NNW	3:10								
5-Mile Ring and Downwind to EPZ Boundary																						
R11 N	3:10	3:10	2:20	2:20	2:20	3:10	3:10	3:10	2:20	2:20	2:20	2:20	R11 N	3:10								
R12 NNE	3:10	3:10	2:20	2:20	2:20	3:10	3:10	3:10	2:20	2:20	2:20	2:20	R12 NNE	3:10								
R13 NE	3:10	3:10	2:20	2:20	2:20	3:10	3:10	3:10	2:20	2:20	2:20	2:20	R13 NE	3:10								
R14 ENE,E	3:10	3:10	2:20	2:20	2:10	3:10	3:10	3:10	2:10	2:10	2:10	2:10	R14 ENE,E	3:10								
R15 ESE	3:10	3:10	2:20	2:20	2:10	3:10	3:10	3:10	2:10	2:10	2:10	2:10	R15 ESE	3:15								
R16 SE	3:10	3:10	2:10	2:10	2:10	3:10	3:10	3:10	2:10	2:10	2:10	2:10	R16 SE	3:15								
R17 SSE	3:10	3:10	2:20	2:20	2:20	3:10	3:10	3:10	2:20	2:20	2:20	2:20	R17 SSE	3:30								
R18 S	3:10	3:10	2:20	2:20	2:20	3:10	3:10	3:10	2:20	2:20	2:20	2:20	R18 S	3:30								
R19 SSW,SW	3:10	3:10	2:30	2:40	2:30	3:10	3:10	3:10	2:30	2:40	2:30	2:30	R19 SSW,SW	3:30								
R20 WSW	3:40	3:40	3:15	3:20	2:50	3:45	3:45	3:50	3:10	3:10	2:50	2:50	R20 WSW	3:55								
R21 W,WNW	3:40	3:40	3:10	3:20	2:50	3:45	3:45	3:50	3:10	3:10	2:50	2:50	R21 W,WNW	3:45								
R22 NW,NNW	3:35	3:40	3:10	3:10	2:40	3:40	3:40	3:45	3:00	3:00	2:40	2:40	R22 NW,NNW	3:40								

Table J-1D. Time To Clear The Indicated Area of 100 Percent of the Affected Population

Scenario: Region Wind Toward:	Summer			Summer			Winter			Winter			Summer									
	Midweek (1)	Midweek (2)	Midweek (3)	Weekend (4)	Midweek (5)	Weekend (6)	Midweek (7)	Midweek (8)	Weekend (9)	Midweek (10)	Midweek (11)	Weekend (12)	Summer Midweek (12)	Summer Midweek (12)								
															Good Weather	Rain	Good Weather	Ice	Good Weather	Rain	Good Weather	Rain
Entire 2-Mile Region, 5-Mile Region, and EPZ																						
R01	4:00	4:00	3:00	3:00	3:00	4:00	4:00	4:00	3:00	3:00	3:00	3:00	R01	2-mile ring	4:00							
R02	4:05	4:05	3:20	3:30	3:30	4:05	4:10	4:10	3:20	3:30	3:30	3:30	R02	5-mile ring	4:05							
R03	4:20	4:20	4:20	4:20	4:10	4:20	4:40	4:40	4:00	4:10	4:10	4:10	R03	Entire EPZ	4:50							
2-Mile Ring and Downwind to 5 Miles																						
R04	4:00	4:00	3:20	3:20	3:20	4:00	4:10	4:10	3:20	3:20	3:20	3:20	R04	N,NNE,NE	4:00							
R05	4:00	4:00	3:20	3:20	3:20	4:00	4:10	4:10	3:20	3:20	3:20	3:20	R05	ENE,E	4:00							
R06	4:00	4:00	3:00	3:00	3:10	4:00	4:00	4:00	3:00	3:00	3:00	3:00	R06	ESE	4:00							
R07	4:00	4:00	3:00	3:00	3:00	4:00	4:10	4:10	3:00	3:00	3:00	3:00	R07	SE,SSE,S	4:00							
R08	4:00	4:00	3:00	3:00	3:00	4:00	4:10	4:10	3:00	3:00	3:00	3:00	R08	SSW,SW	4:00							
R09	4:00	4:00	3:20	3:30	3:30	4:00	4:10	4:10	3:20	3:30	3:30	3:30	R09	WSW,W,WNW	4:00							
R10	4:00	4:00	3:20	3:20	3:30	4:00	4:10	4:10	3:20	3:20	3:30	3:30	R10	NW,NNW	4:00							
5-Mile Ring and Downwind to EPZ Boundary																						
R11	4:10	4:10	4:00	4:00	4:00	4:10	4:10	4:10	4:00	4:00	4:00	4:00	R11	N	4:10							
R12	4:10	4:10	4:00	4:00	4:00	4:10	4:10	4:10	4:00	4:00	4:00	4:10	R12	NNE	4:10							
R13	4:10	4:10	4:00	4:00	4:00	4:10	4:10	4:10	4:00	4:00	4:00	4:10	R13	NE	4:10							
R14	4:10	4:10	3:30	3:40	3:30	4:10	4:10	4:10	3:30	3:40	3:30	3:40	R14	ENE,E	4:10							
R15	4:10	4:10	3:30	3:40	3:30	4:10	4:10	4:10	3:30	3:40	3:30	3:40	R15	ESE	4:10							
R16	4:05	4:05	3:30	3:40	3:30	4:05	4:10	4:10	3:30	3:40	3:30	3:40	R16	SE	4:05							
R17	4:10	4:10	3:50	3:50	3:50	4:10	4:20	4:20	3:50	3:50	3:50	3:50	R17	SSE	4:10							
R18	4:10	4:10	3:50	3:50	3:50	4:10	4:20	4:20	3:50	3:50	3:50	3:50	R18	S	4:10							
R19	4:10	4:10	4:00	4:00	4:00	4:10	4:20	4:20	4:00	4:00	4:00	4:00	R19	SSW,SW	4:20							
R20	4:10	4:10	4:20	4:20	4:10	4:20	4:40	4:40	4:00	4:00	4:10	4:10	R20	WSW	4:50							
R21	4:10	4:10	4:20	4:20	4:00	4:20	4:40	4:40	4:00	4:00	4:00	4:00	R21	W,WNW	4:40							
R22	4:10	4:10	4:20	4:20	4:00	4:20	4:30	4:30	4:00	4:00	4:00	4:00	R22	NW,NNW	4:20							



Table J-1. Description of Evacuation Regions																
Region	Description	ERPA														
		A-0	A-1	A-2	A-3	B-1	B-2	C-1	C-2	D-1	D-2	E-2	F-2	G-2	H-2	
R01	2 mile ring	X														
R02	5-mile ring	X	X			X		X								
R03	Full EPZ	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Evacuate 2 mile ring and 5 miles downwind																
Region	Wind Direction Toward:	ERPA														
		A-0	A-1	A-2	A-3	B-1	B-2	C-1	C-2	D-1	D-2	E-2	F-2	G-2	H-2	
R04	N, NNE, NE	X	X													
R05	ENE, E	X	X			X										
R06	ESE	X				X										
R07	SE,SSE,S	X				X		X								
R08	SSW, SW	X						X								
R09	WSW,W,WNW	X						X		X						
R10	NW,NNW	X	X							X						
Evacuate 5 mile ring and downwind to EPZ boundary																
Region	Wind Direction Toward:	ERPA														
		A-0	A-1	A-2	A-3	B-1	B-2	C-1	C-2	D-1	D-2	E-2	F-2	G-2	H-2	
R11	N	X	X	X	X	X	X	X		X						
R12	NNE	X	X	X	X	X	X	X	X							
R13	NE	X	X	X	X	X	X	X	X	X	X					
R14	ENE, E	X	X			X	X	X	X	X	X					
R15	ESE	X	X			X		X	X	X	X	X				
R16	SE	X	X			X		X	X	X	X	X				
R17	SSE	X	X			X		X	X	X	X	X	X			
R18	S	X	X			X		X	X	X	X	X	X			
R19	SSW, SW	X	X			X		X	X	X	X	X	X	X		
R20	WSW	X	X			X		X	X	X	X	X	X	X	X	X
R21	W,WNW	X	X			X		X	X	X	X	X	X	X	X	X
R22	NW,NNW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

## Evacuation Time Estimates

### Summer, Midweek, Midday, Good Weather (Scenario 1)

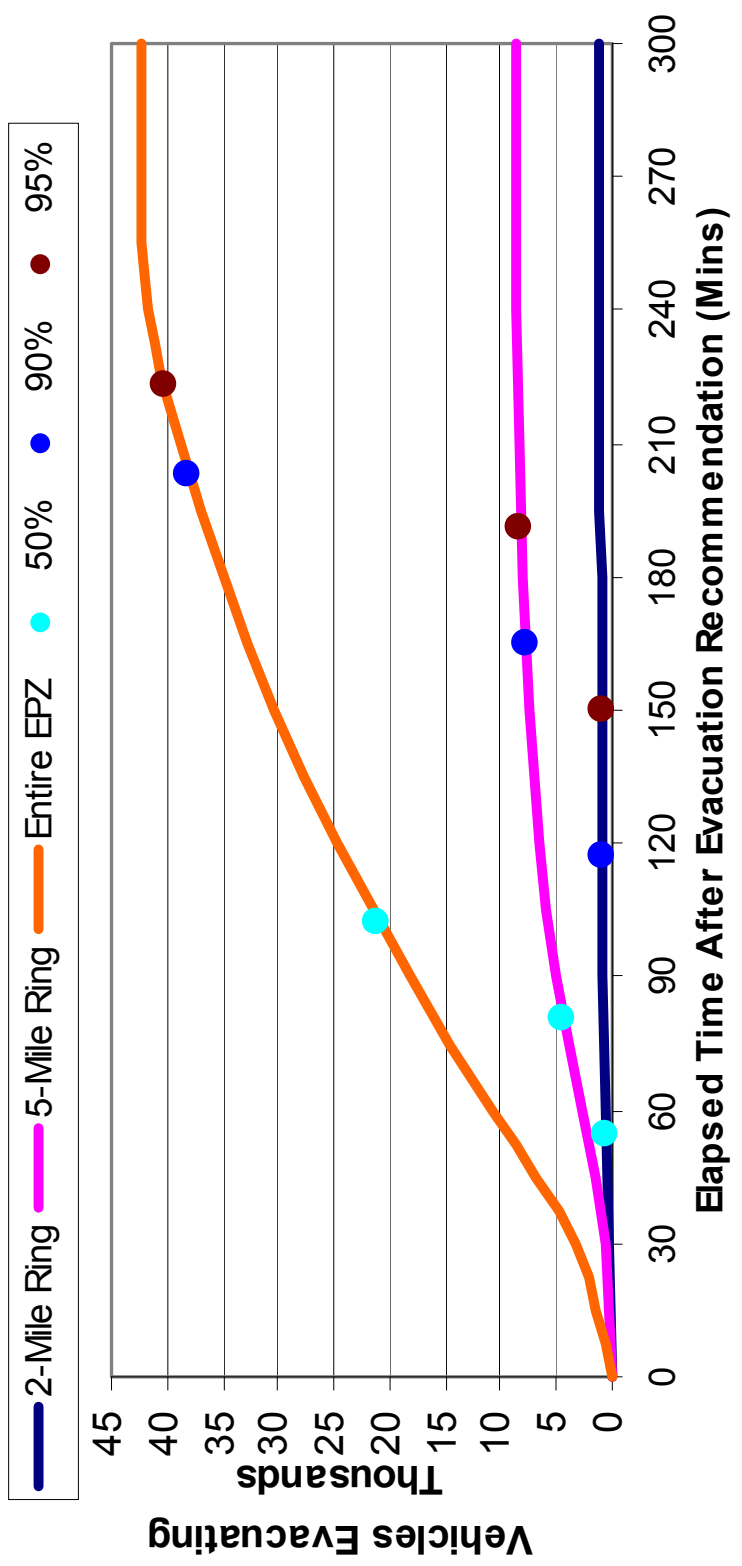


Figure J-1. Evacuation Time Estimates – Scenario 1 for Region R3 (Entire EPZ)

## Evacuation Time Estimates Summer, Midweek, Midday, Rain (Scenario 2)

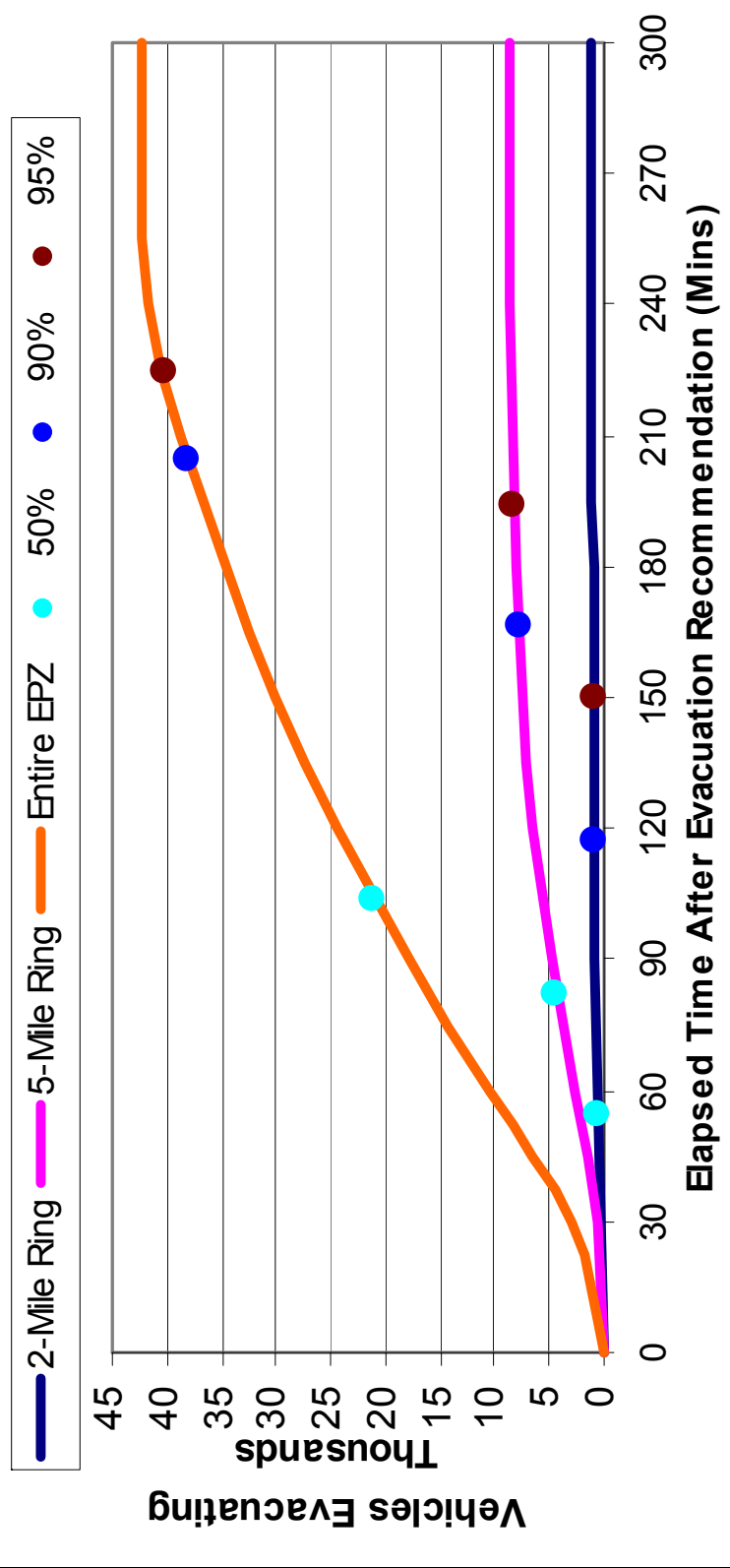


Figure J-2. Evacuation Time Estimates – Scenario 2 for Region R3 (Entire EPZ)

## Evacuation Time Estimates

### Summer, Weekend, Midday, Good Weather (Scenario 3)

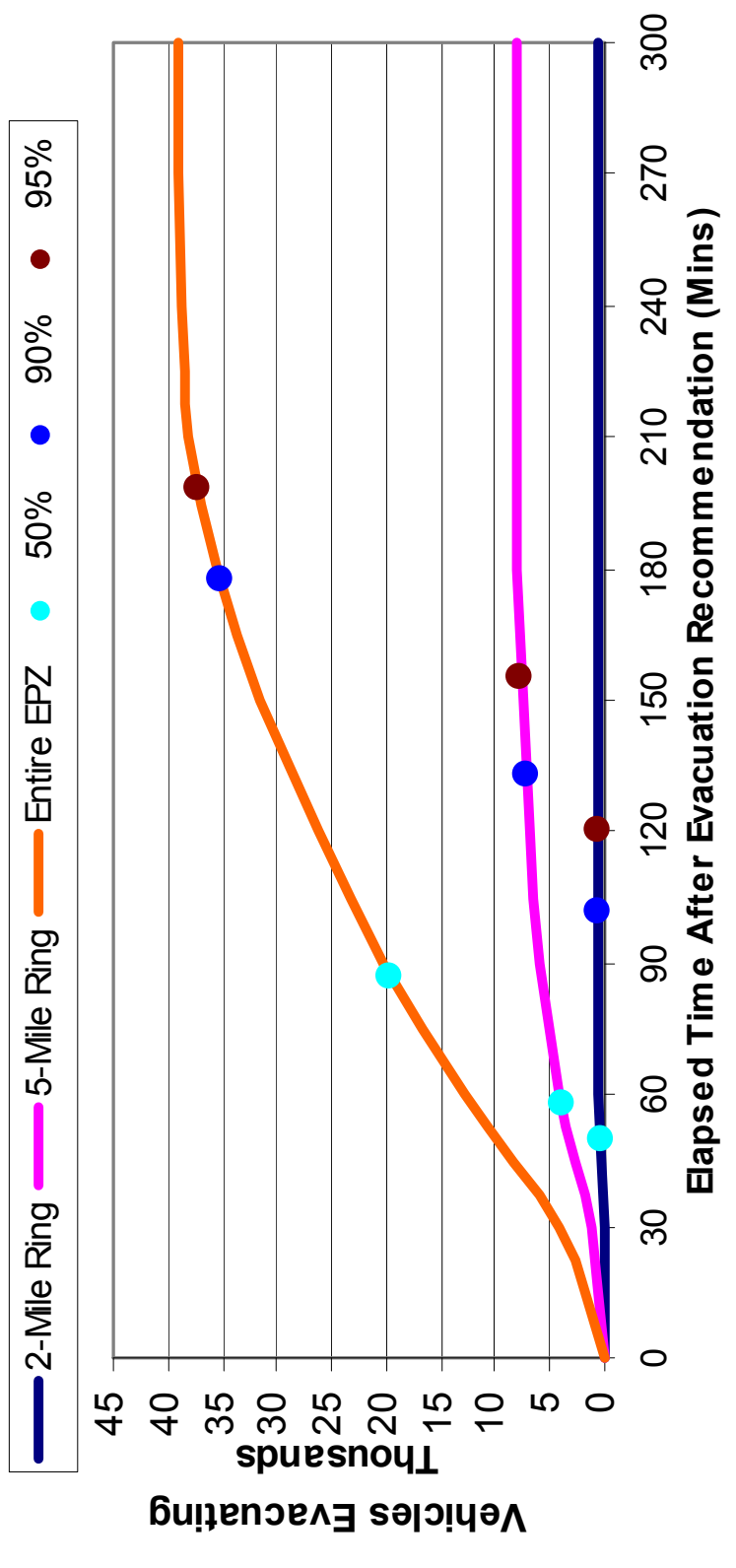


Figure J-3. Evacuation Time Estimates – Scenario 3 for Region R3 (Entire EPZ)

## Evacuation Time Estimates Summer, Weekend, Midday, Rain (Scenario 4)

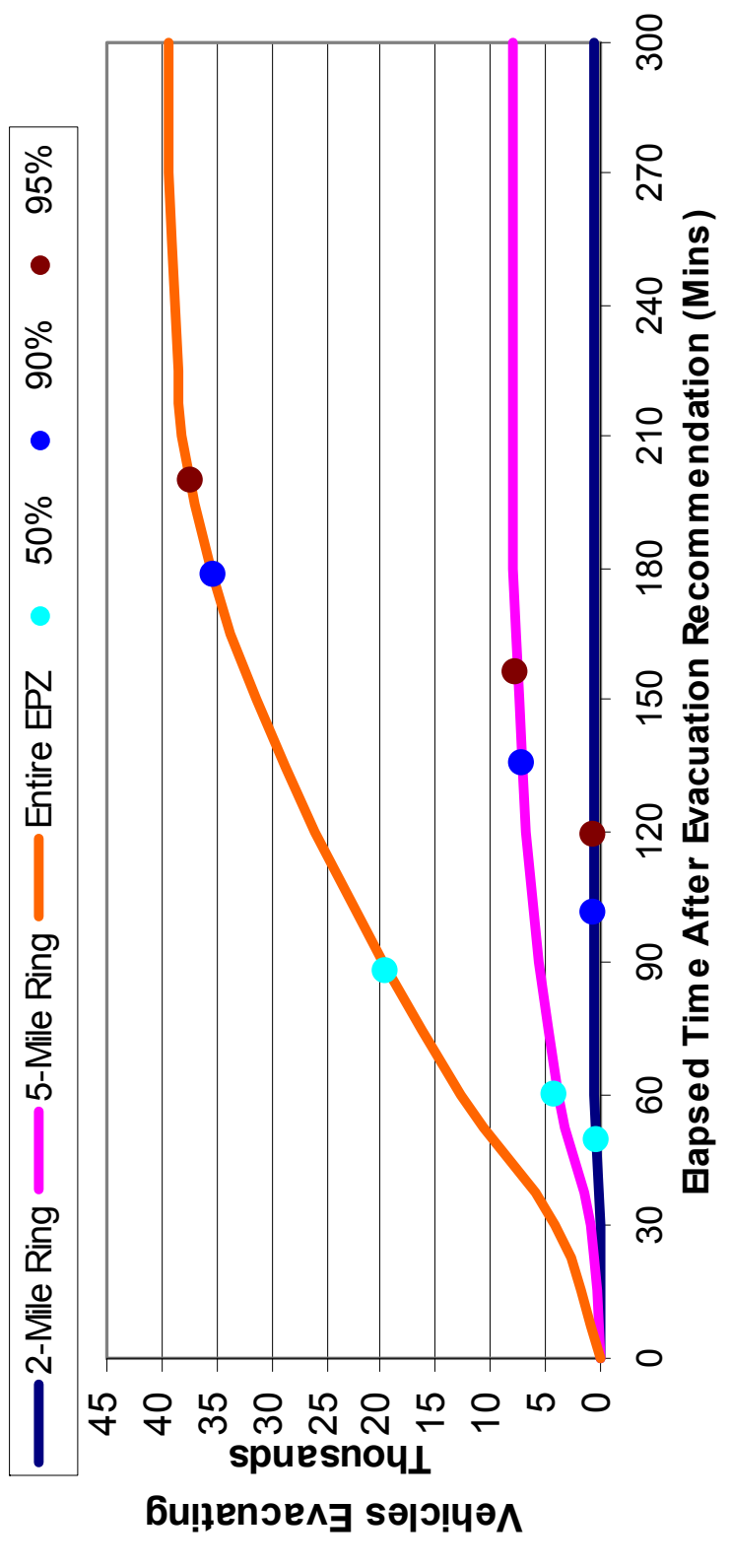


Figure J-4. Evacuation Time Estimates – Scenario 4 for Region R3 (Entire EPZ)

## Evacuation Time Estimates Summer, Evening, Good Weather (Scenario 5)

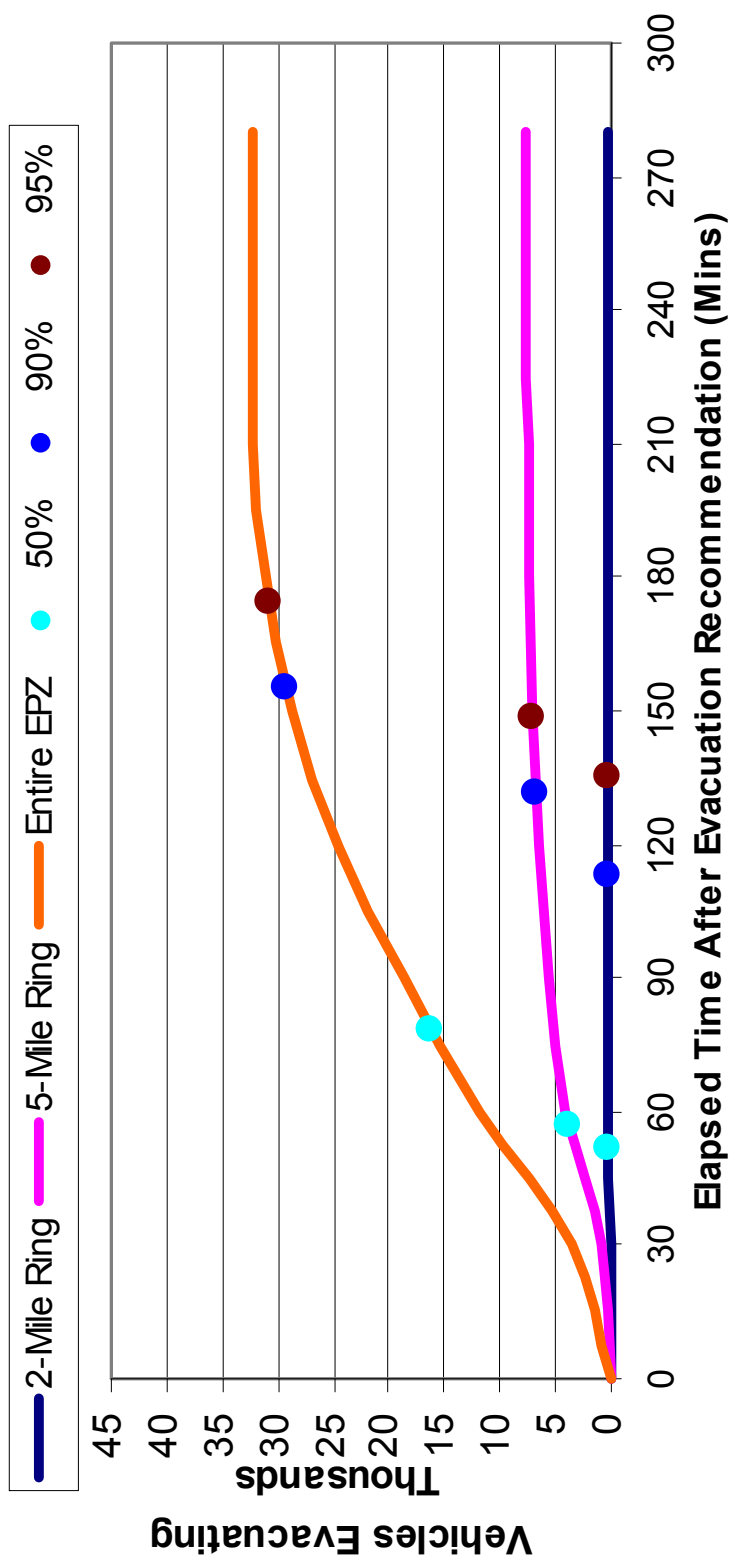


Figure J-5. Evacuation Time Estimates –  
Scenario 5 for Region R3 (Entire EPZ)

## Evacuation Time Estimates Winter, Midweek, Midday, Good Weather (Scenario 6)

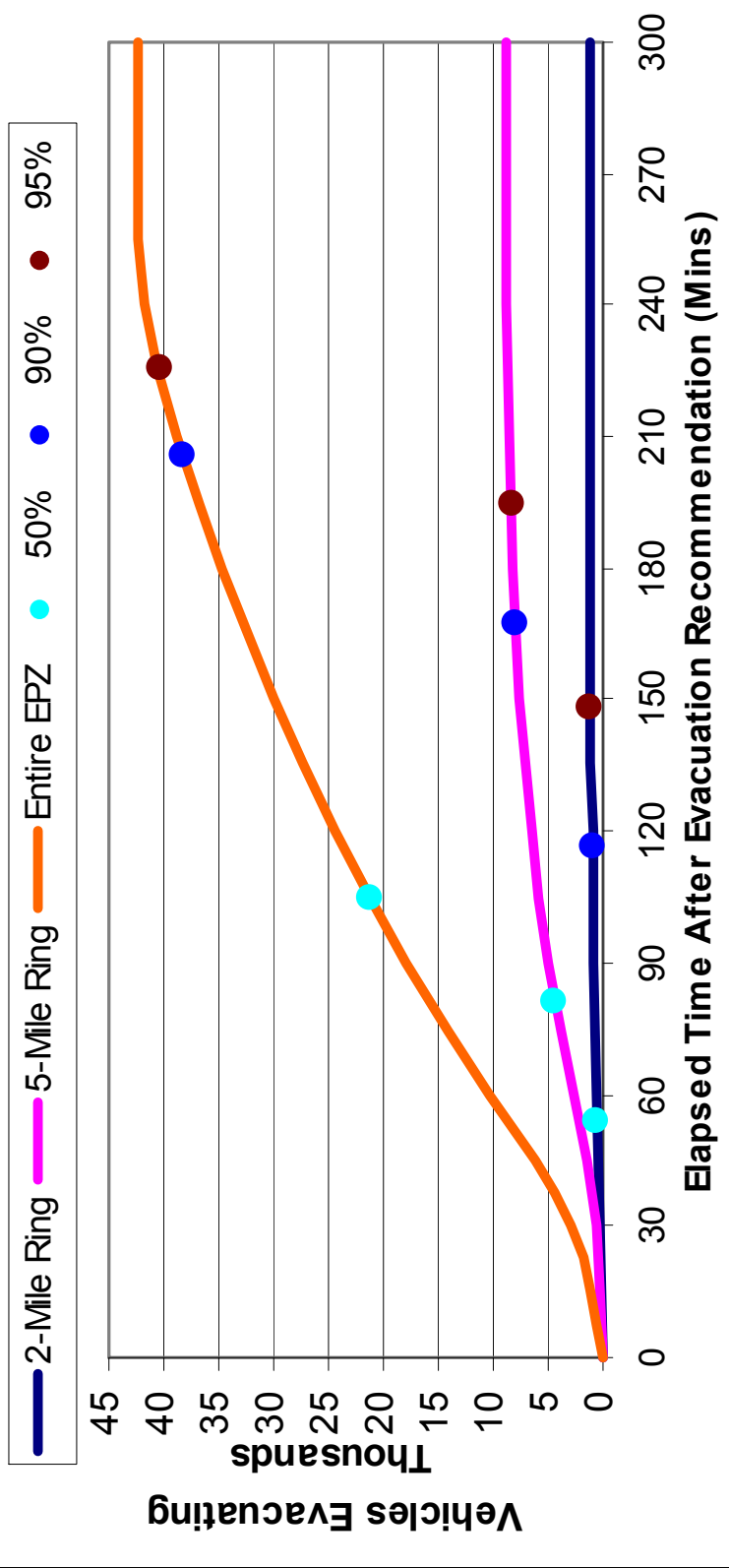


Figure J-6. Evacuation Time Estimates –  
Scenario 6 for Region R3 (Entire EPZ)

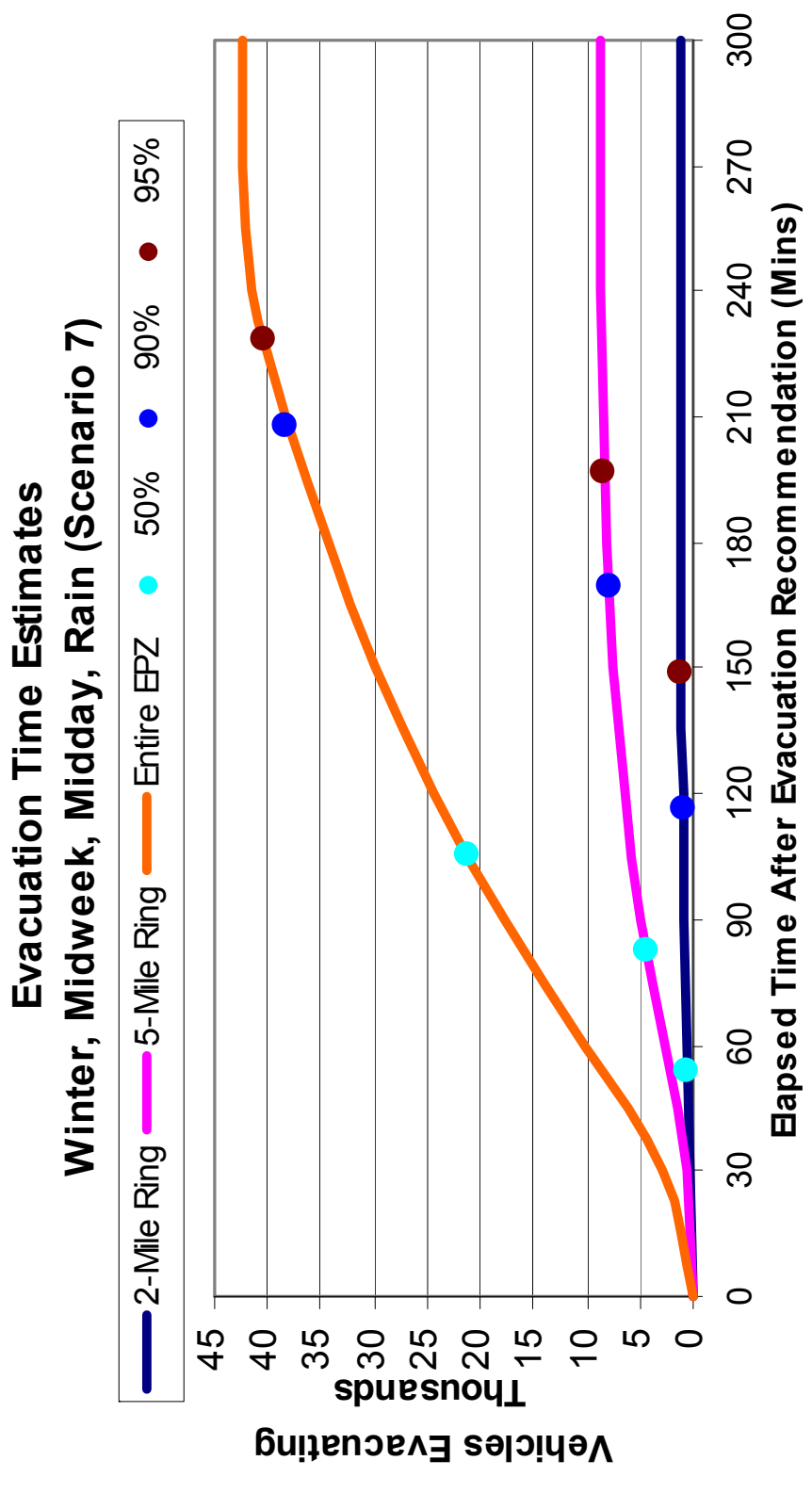


Figure J-7. Evacuation Time Estimates – Scenario 7 for Region R3 (Entire EPZ)



## Evacuation Time Estimates Winter, Midweek, Midday, Ice (Scenario 8)

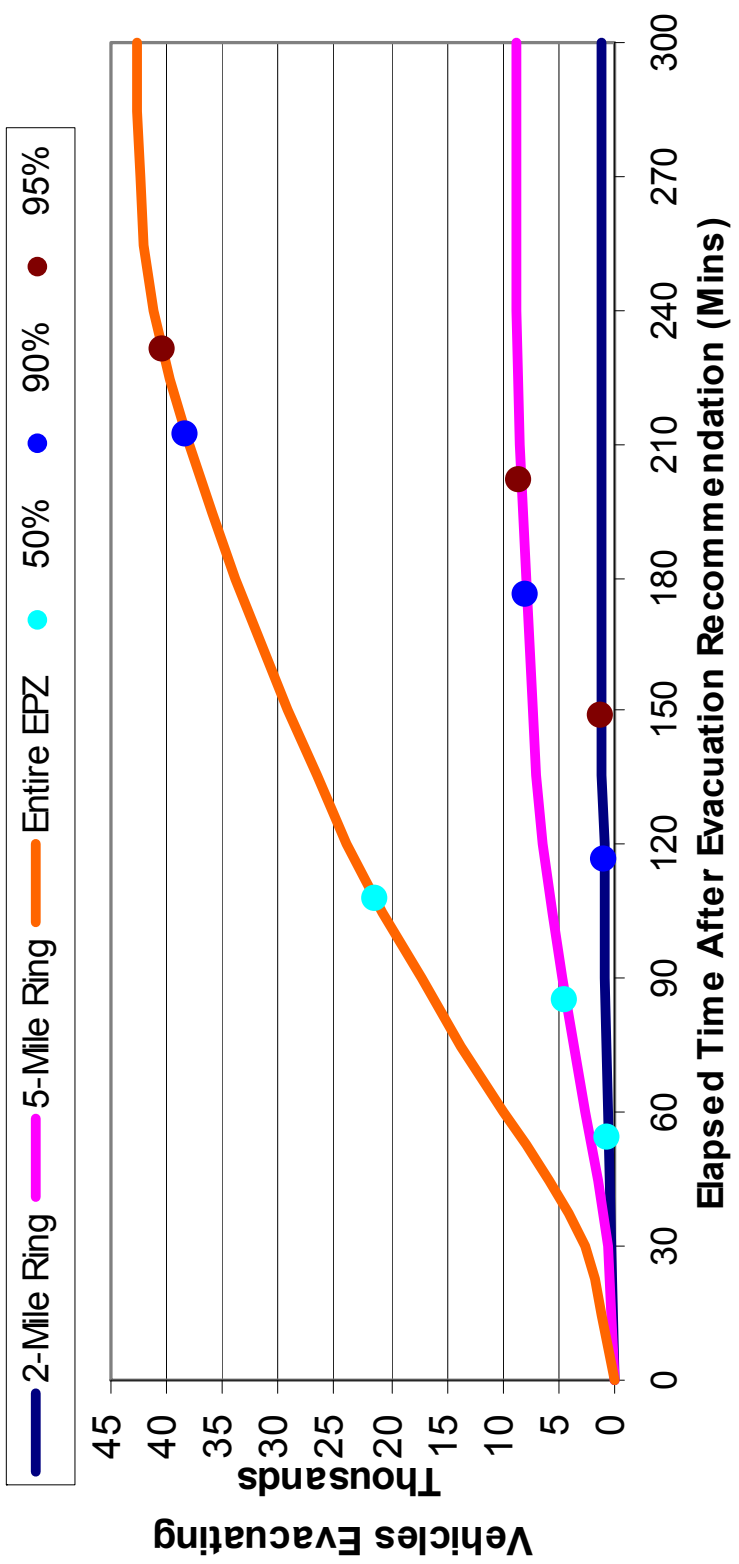


Figure J-8. Evacuation Time Estimates –  
Scenario 8 for Region R3 (Entire EPZ)

## Evacuation Time Estimates Winter, Weekend, Midday, Good Weather (Scenario 9)

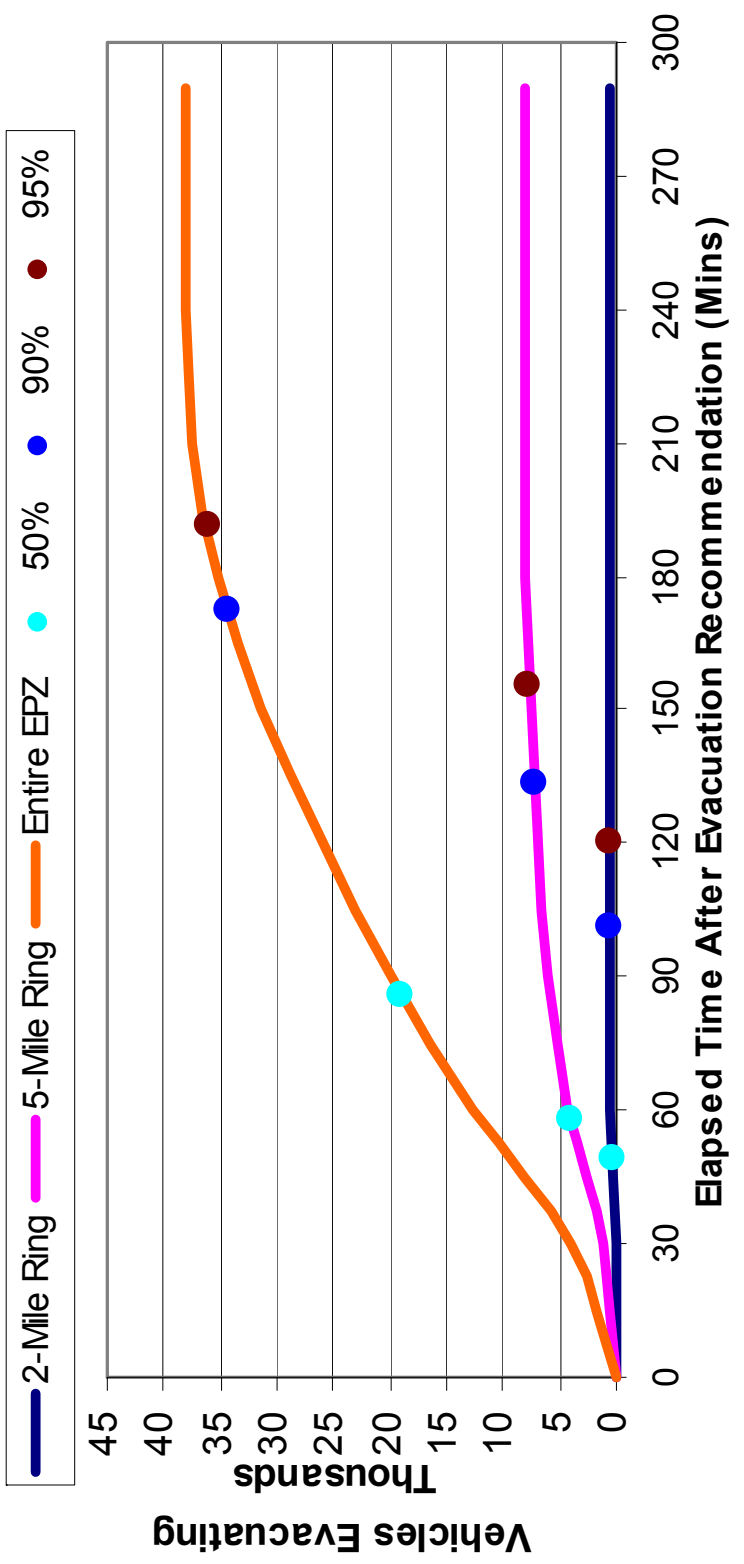


Figure J-9. Evacuation Time Estimates –  
Scenario 9 for Region R3 (Entire EPZ)

## Evacuation Time Estimates Winter, Weekend, Midday, Rain (Scenario 10)

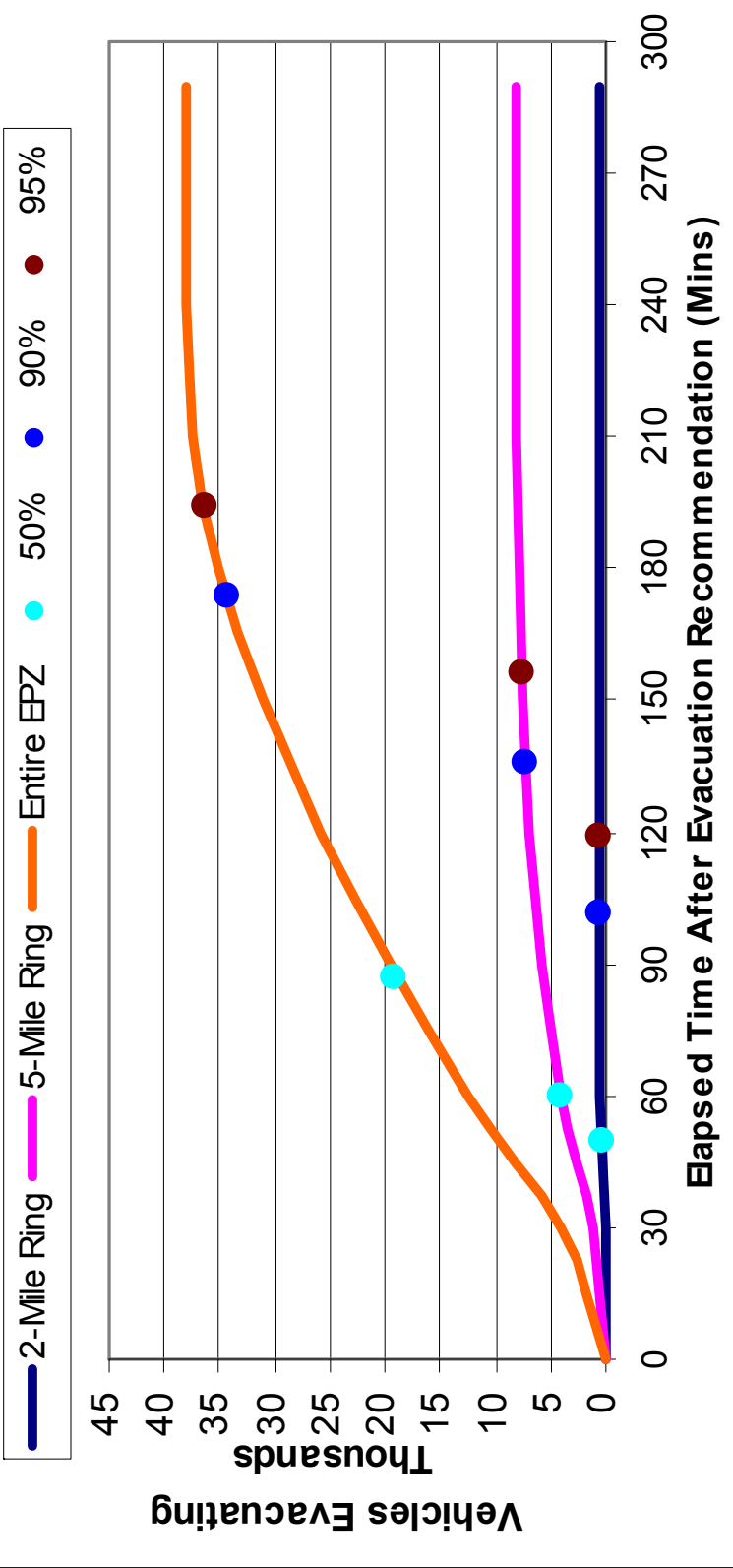


Figure J-10. Evacuation Time Estimates –  
Scenario 10 for Region R3 (Entire EPZ)

**Evacuation Time Estimates  
Winter, Midweek, Weekend, Evening (Scenario 11)**

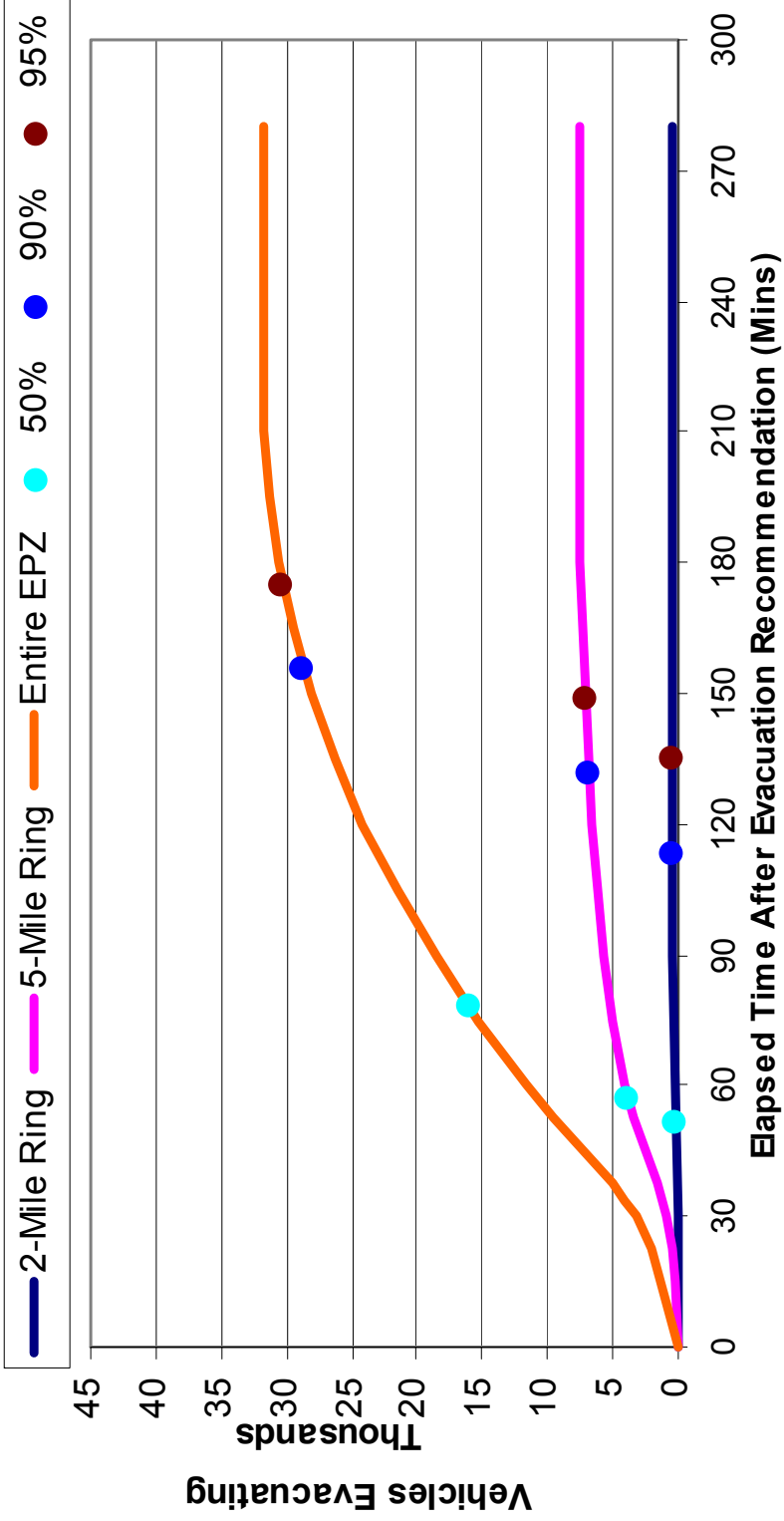


Figure J-11. Evacuation Time Estimates – Scenario 11 for Region R3 (Entire EPZ)

### Evacuation Time Estimates Summer, Midweek, Midday, Plant Construction (Scenario 12)

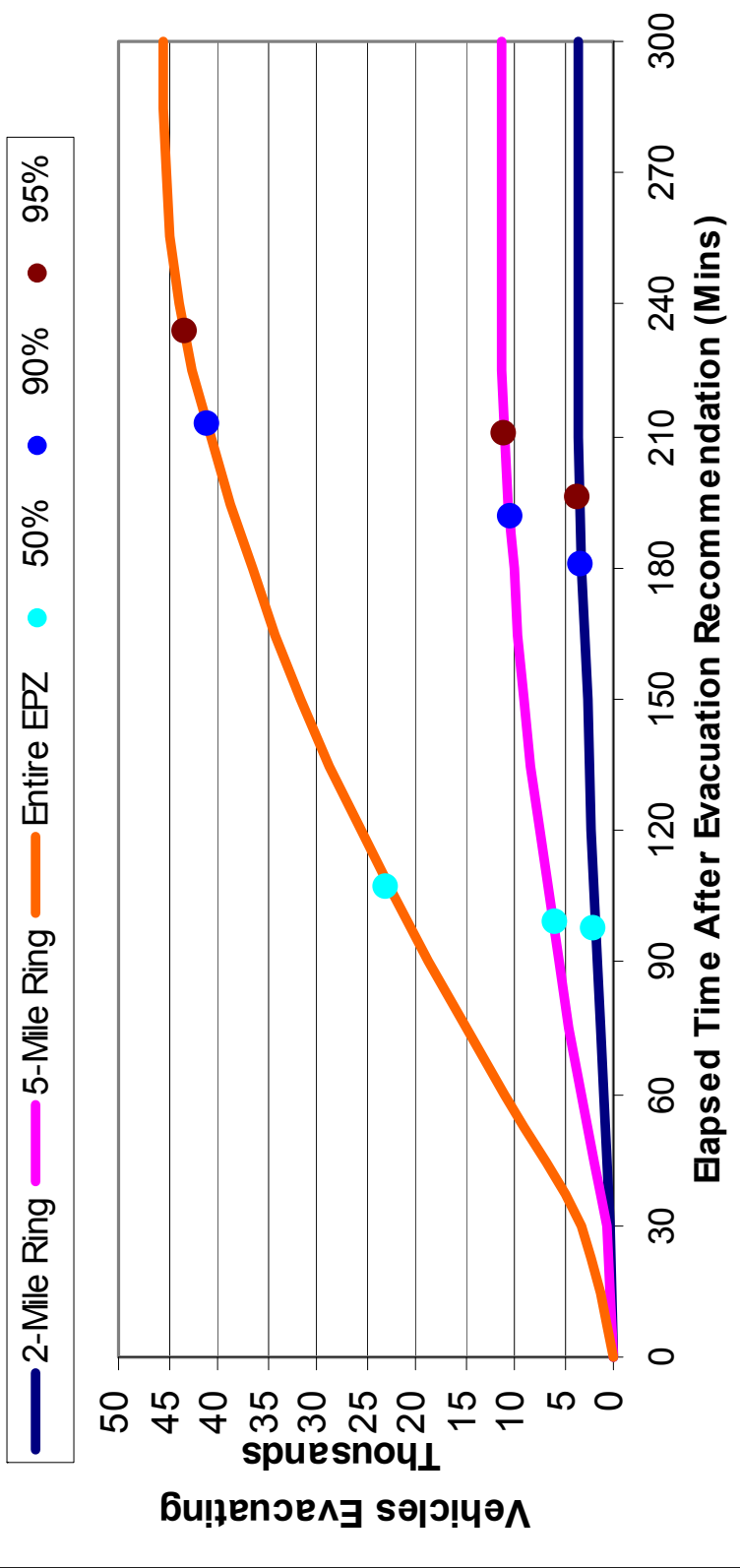


Figure J-12. Evacuation Time Estimates –  
Scenario 12 for Region R3 (Entire EPZ)