



# 6 | TRANSPORTATION ANALYSIS

Table 6-15: HURREVAC Clearance Times—Out of Region

Evacuation Parameters		County Clearance Times (in hours) [1]													
Evacuation Scenario	Rapidity of Response [2] / Tourist Occupancy	Delaware			Maryland								Virginia		
		Kent	New Castle	Sussex	Cecil	Kent	Queen Anne's	Caroline	Dorchester	Talbot	Somerset	Wicomico	Worcester	Accomack	Northampton
<b>Risk Based Roadway Network Loading</b>															
<b>CATEGORY 1</b>															
<b>Low Tourist Occupancy</b>															
rapid response		10.9	3.5	10.9	4.1	4.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
medium response		12.4	5.0	12.4	5.6	5.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
long response		14.4	7.0	14.4	7.6	7.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
<b>High Tourist Occupancy</b>															
rapid response		27.2	3.5	27.2	4.4	4.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
medium response		28.7	5.0	28.7	5.9	5.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
long response		30.7	7.0	30.7	7.9	7.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
<b>CATEGORY 2</b>															
<b>Low Tourist Occupancy</b>															
rapid response		15.4	3.5	15.4	4.6	4.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
medium response		16.9	5.0	16.9	6.1	6.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
long response		18.9	7.0	18.9	8.1	8.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
<b>High Tourist Occupancy</b>															
rapid response		34.5	3.5	34.5	5.0	5.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
medium response		36.0	5.0	36.0	6.5	6.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
long response		38.0	7.0	38.0	8.5	8.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
<b>CATEGORY 3</b>															
<b>Low Tourist Occupancy</b>															
rapid response		21.5	3.5	21.5	5.1	5.1	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
medium response		23.0	5.0	23.0	6.6	6.6	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
long response		25.0	7.0	25.0	8.6	8.6	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
<b>High Tourist Occupancy</b>															
rapid response		43.6	3.5	43.6	5.7	5.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
medium response		45.1	5.0	45.1	7.2	7.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
long response		47.1	7.0	47.1	9.2	9.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
<b>CATEGORY 4</b>															
<b>Low Tourist Occupancy</b>															
rapid response		26.8	3.5	26.8	5.6	5.6	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
medium response		28.3	5.0	28.3	7.1	7.1	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
long response		30.3	7.0	30.3	9.1	9.1	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
<b>High Tourist Occupancy</b>															
rapid response		48.9	3.5	48.9	6.2	6.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
medium response		50.4	5.0	50.4	7.7	7.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
long response		52.4	7.0	52.4	9.7	9.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4

Notes:

[1] A clearance time for a county is the time from the first evacuation movement until the last vehicle from the county reaches its final destination

[2] Rapidity of response will affect clearance times based on the following standard adjustments:

Long response = 2.0 hours  
 Rapid response = -1.5 hours

Minimum medium response times for planning purposes is based on the response curve and equals 5 hours

[3] Clearance times from 24 to 36 hours in **BOLD**, clearance times greater than 36 hours in **RED**.