

APPENDIX H
Evacuation Regions

H EVACUATION REGIONS

This appendix presents the evacuation percentages for each Evacuation Region (Table H-1 and Table H-2) and maps of all Evacuation Regions. The percentages presented in Table H-1 and Table H-2 are based on the methodology discussed in assumption 5 of Section 2.2 and shown in Figure 2-1.

Note the baseline ETE study assumes 20 percent of households will not comply with the shelter advisory, as per Section 2.5.2 of NUREG/CR-7002.

Table H-1. Percent of Sub-area Population Evacuating for Each Region

Basic Regions														
Region	Description	Site PAR Description	Sub-area											
			1	2	3	4	5	6	7	8	9	10	11	12
R01	2-Mile Radius	2-Mile Ring	100%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	100%
R02	5-Mile Radius	5-Mile Ring	100%	100%	100%	100%	20%	20%	20%	20%	20%	20%	20%	100%
R03	Full EPZ	10-Mile Ring	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Evacuate 2-Mile Region and Downwind to 5 Miles														
Region	Wind Direction From:	Site PAR Description	Sub-area											
			1	2	3	4	5	6	7	8	9	10	11	12
R04	NW, NNW, N	306° - 019°	100%	100%	20%	20%	20%	20%	20%	20%	20%	20%	20%	100%
R05	NNE, NE, ENE	020° - 069°	100%	100%	100%	20%	20%	20%	20%	20%	20%	20%	20%	100%
R06	E	070° - 122°	100%	20%	100%	20%	20%	20%	20%	20%	20%	20%	20%	100%
R07	ESE, SE	123° - 140°	100%	20%	100%	100%	20%	20%	20%	20%	20%	20%	20%	100%
R08	SSE, S	141° - 183°	100%	20%	20%	100%	20%	20%	20%	20%	20%	20%	20%	100%
N/A	SSW, SW, WSW, W, WNW	184° - 305°	Refer to Region R01											
Evacuate 5-Mile Region and Downwind to the EPZ Boundary														
Region	Wind Direction From:	Site PAR Description	Sub-area											
			1	2	3	4	5	6	7	8	9	10	11	12
R09	NW, NNW, N	319° - 019°	100%	100%	100%	100%	100%	20%	20%	20%	20%	20%	20%	100%
R10	-	020° - 021°	100%	100%	100%	100%	100%	100%	20%	20%	20%	20%	20%	100%
R11	NNE, NE	022° - 056°	100%	100%	100%	100%	100%	100%	20%	20%	20%	20%	100%	100%
R12	-	057° - 066°	100%	100%	100%	100%	20%	100%	20%	20%	20%	20%	100%	100%
R13	-	067° - 069°	100%	100%	100%	100%	20%	100%	100%	20%	20%	20%	100%	100%
R14	ENE	070° - 103°	100%	100%	100%	100%	20%	100%	100%	100%	20%	20%	100%	100%
R15	E, ESE	104° - 109°	100%	100%	100%	100%	20%	100%	100%	100%	100%	20%	100%	100%
R16	-	110° - 115°	100%	100%	100%	100%	20%	100%	100%	100%	100%	20%	20%	100%
R17	-	116° - 129°	100%	100%	100%	100%	20%	20%	100%	100%	100%	20%	20%	100%
R18	SE	130° - 132°	100%	100%	100%	100%	20%	20%	100%	100%	100%	100%	20%	100%
R19	-	133° - 140°	100%	100%	100%	100%	20%	20%	20%	100%	100%	100%	20%	100%
R20	SSE, S	141° - 175°	100%	100%	100%	100%	20%	20%	20%	20%	100%	100%	20%	100%
R21	-	176° - 179°	100%	100%	100%	100%	20%	20%	20%	20%	20%	100%	20%	100%
N/A	SSW, SW, WSW, W, WNW	180° - 318°	Refer to Region R02											

Table H-2. Percent of Sub-area Population Evacuating for Each Staged Region

Staged Evacuation - 2-Mile Region Evacuates, then Evacuate Downwind to 5 Miles														
Region	Wind Direction From:	Site PAR Description	Sub-area											
			1	2	3	4	5	6	7	8	9	10	11	12
R22	None	5-Mile Ring	100%	100%	100%	100%	20%	20%	20%	20%	20%	20%	20%	100%
R23	NW, NNW, N	020° - 069°	100%	100%	20%	20%	20%	20%	20%	20%	20%	20%	20%	100%
R24	NNE, NE, ENE	070° - 122°	100%	100%	100%	20%	20%	20%	20%	20%	20%	20%	20%	100%
R25	E	123° - 140°	100%	20%	100%	20%	20%	20%	20%	20%	20%	20%	20%	100%
R26	ESE, SE	141° - 183°	100%	20%	100%	100%	20%	20%	20%	20%	20%	20%	20%	100%
R27	SSE, S	184° - 305°	100%	20%	20%	100%	20%	20%	20%	20%	20%	20%	20%	100%
N/A	SSW, SW, WSW, W, WNW	2-Mile Ring	Refer to Region R01											
Key														
Shelter-in-Place until 90% ETE for R01, then Evacuate			Sub-area(s) Shelter-in-Place					Sub-area(s) Evacuate						

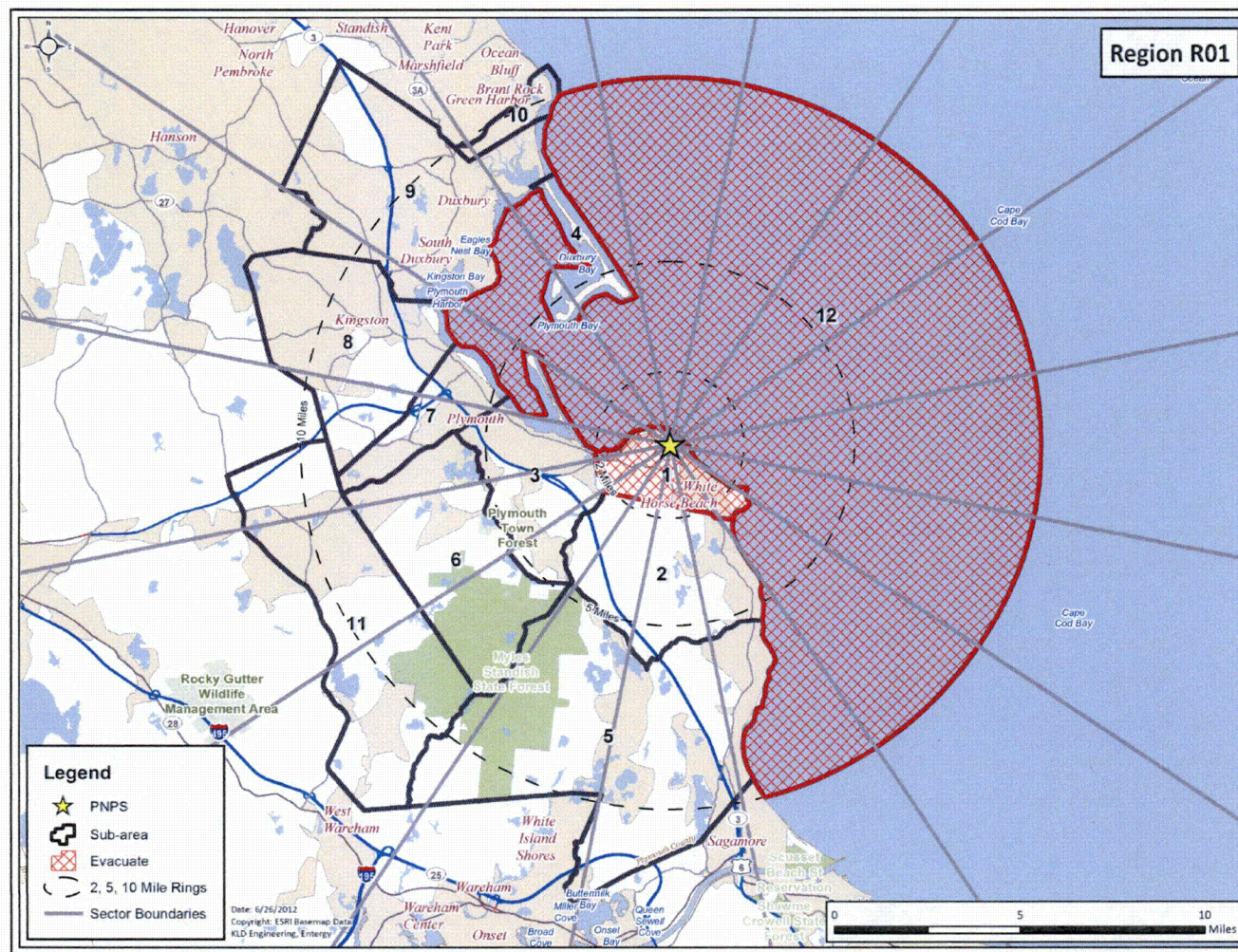


Figure H-1. Region R01

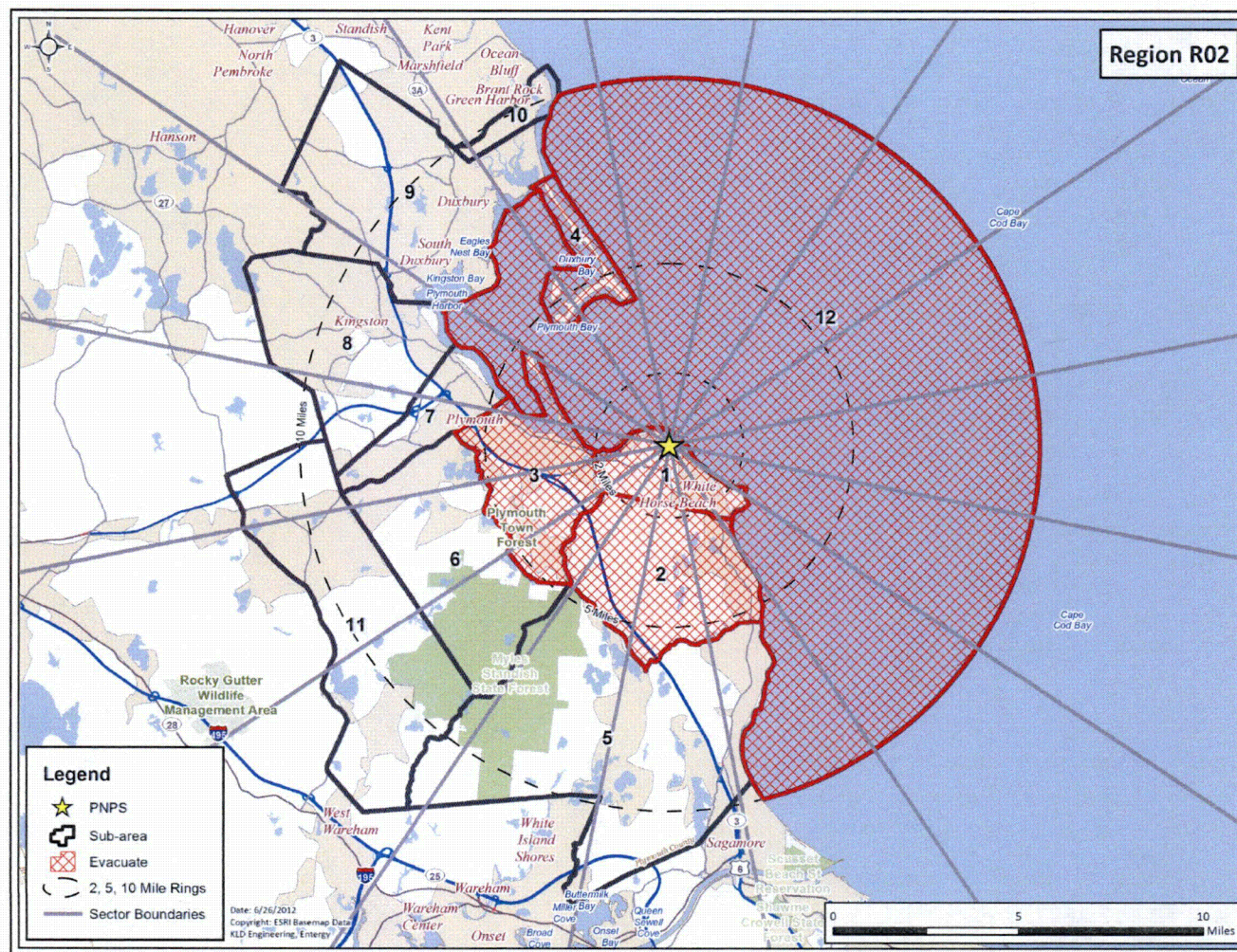


Figure H-2. Region R02

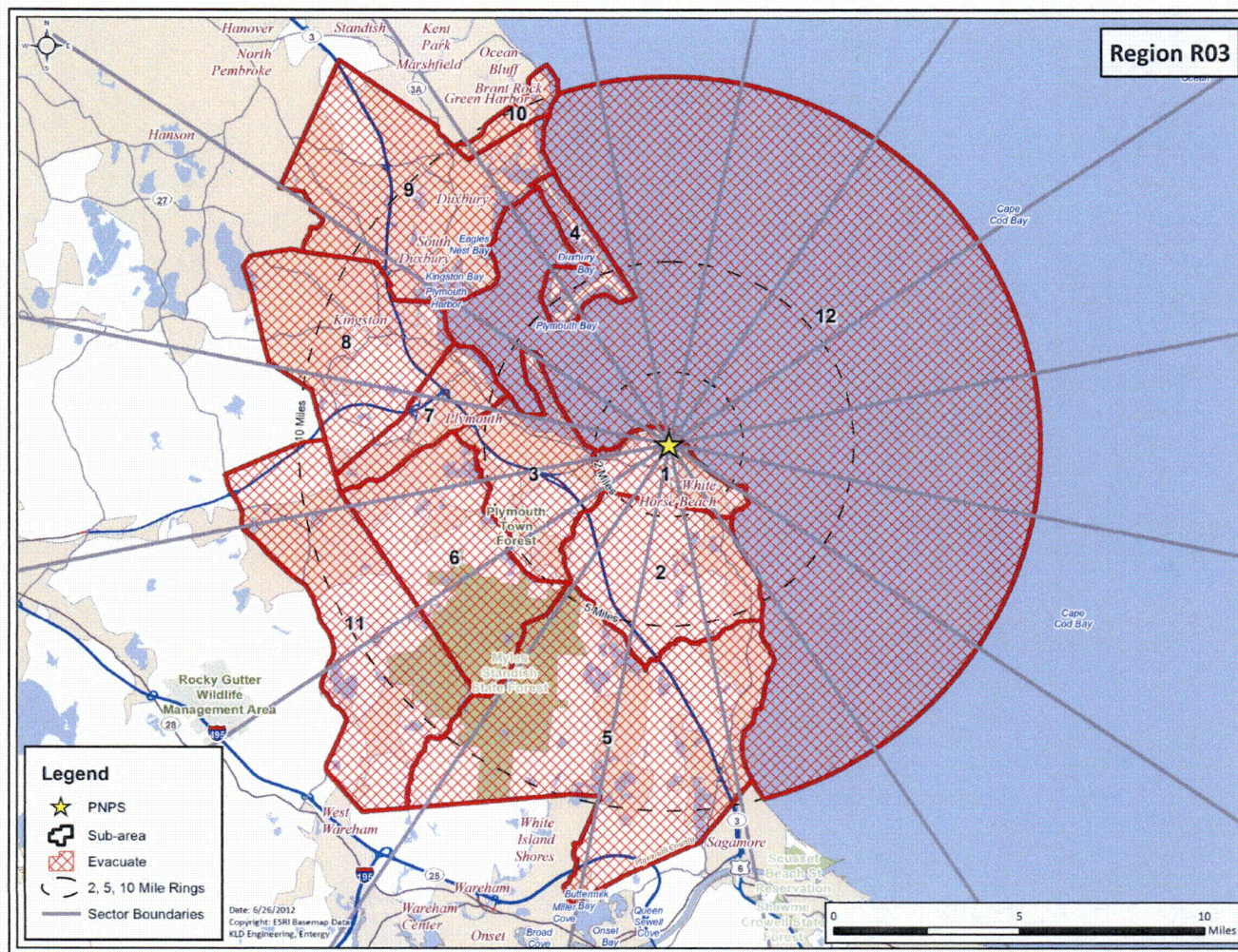


Figure H-3. Region R03

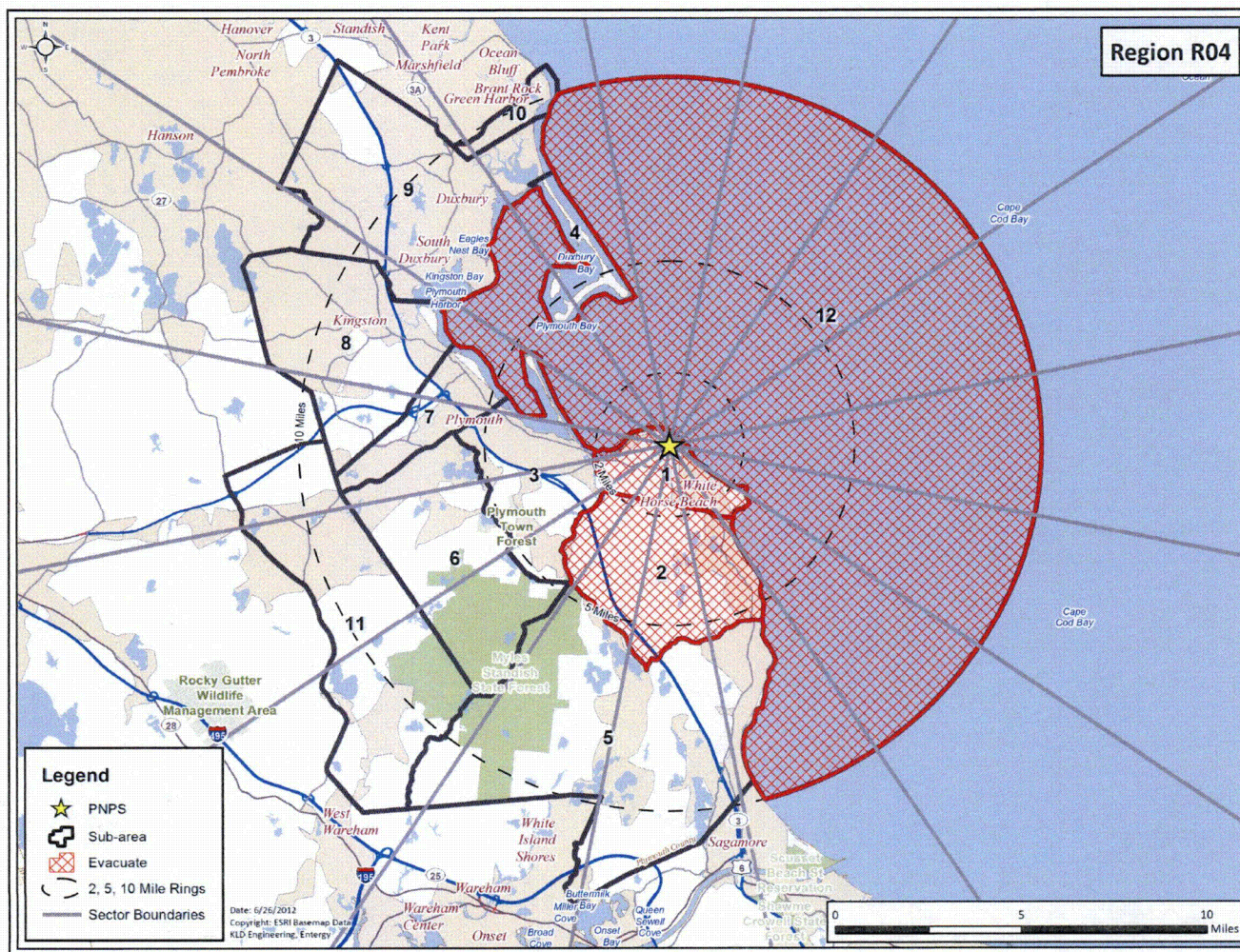


Figure H-4. Region R04

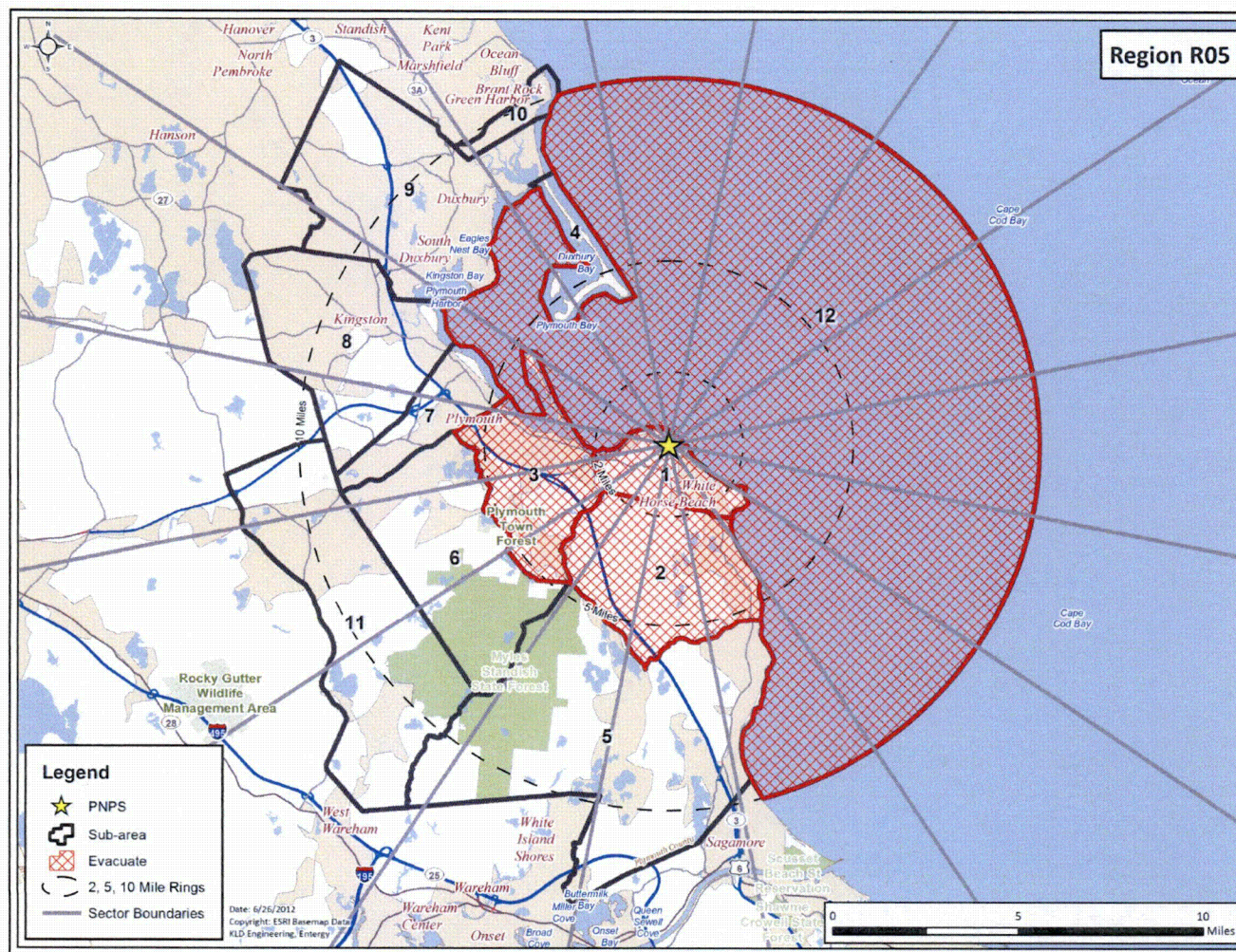


Figure H-5. Region R05

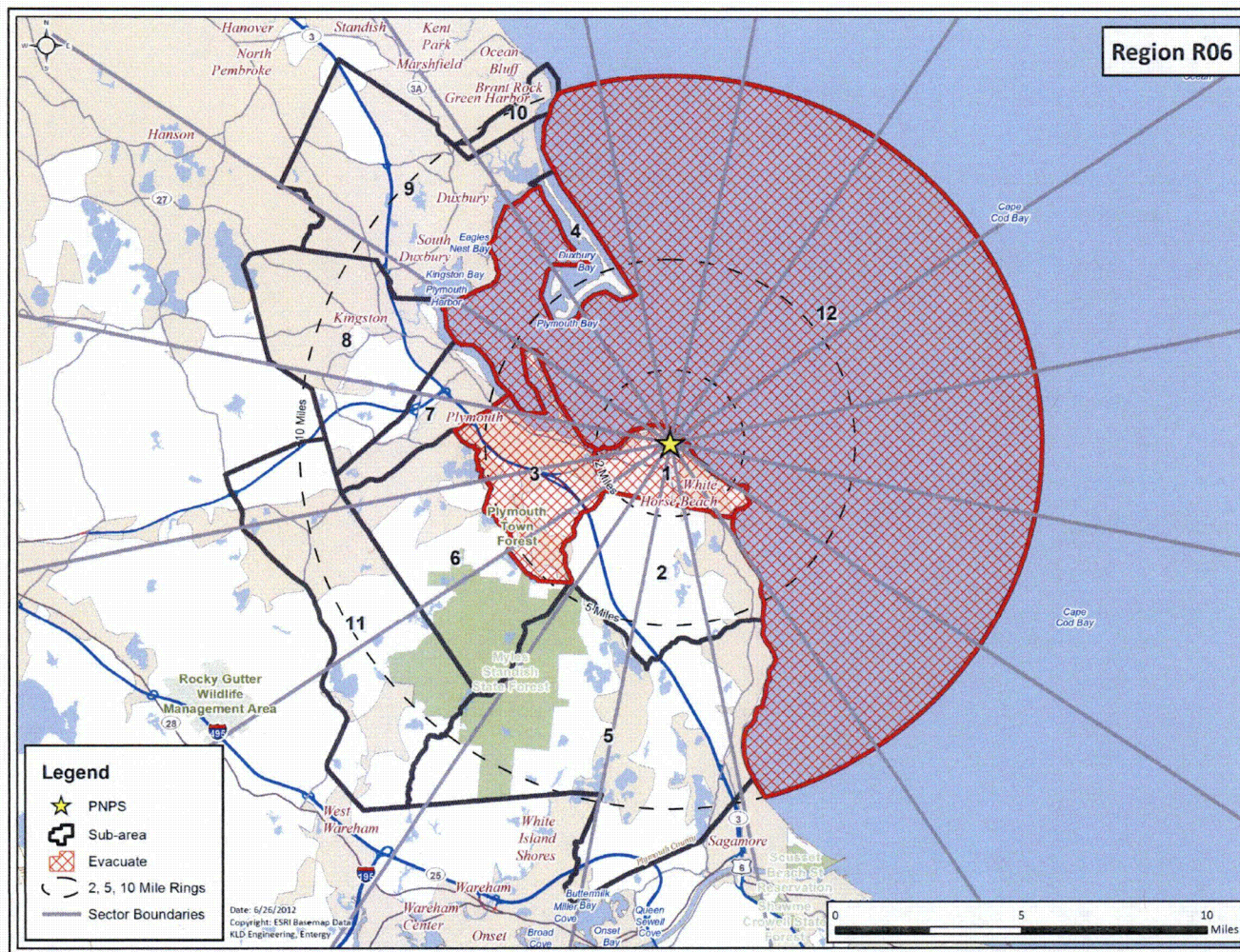


Figure H-6. Region R06

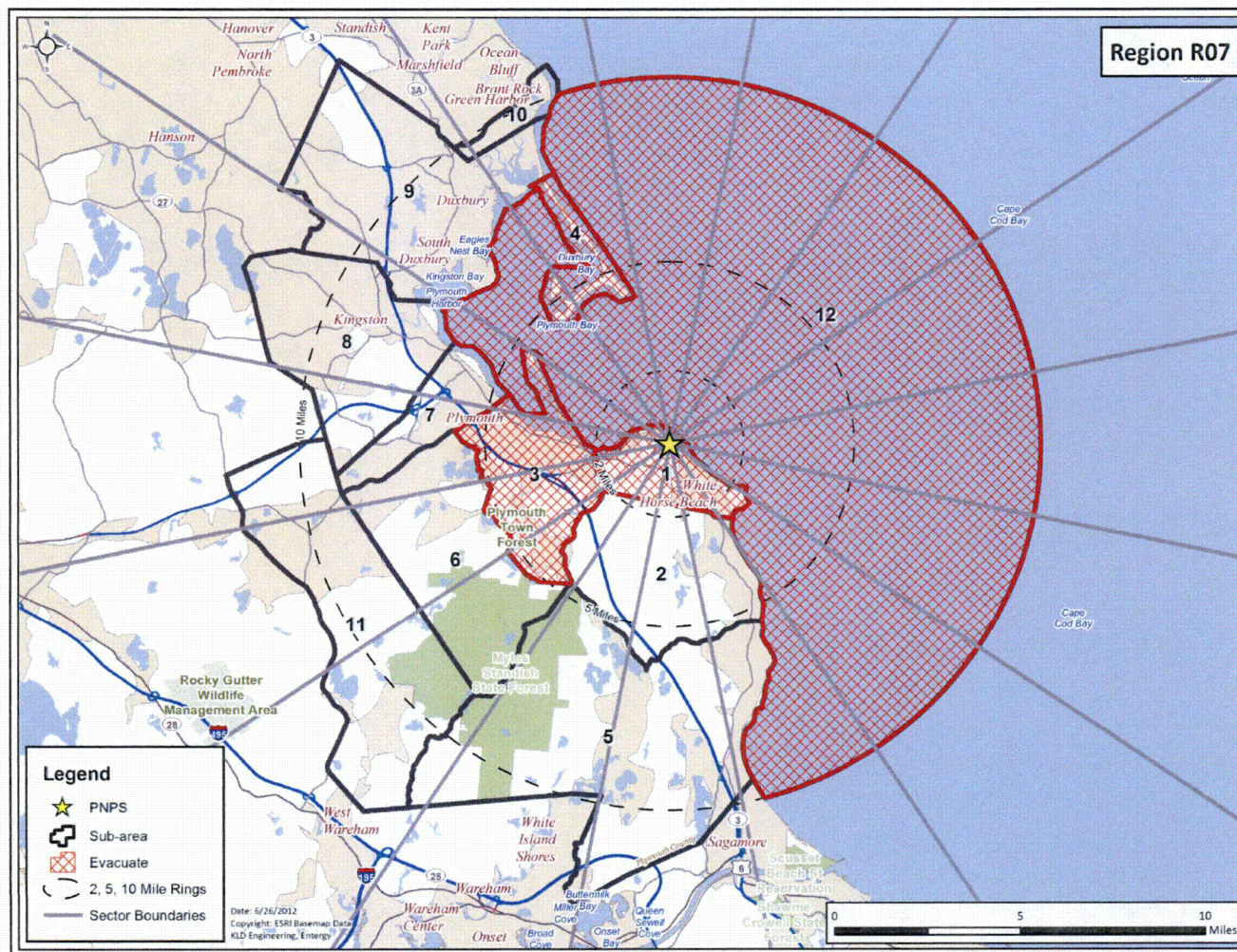


Figure H-7. Region R07

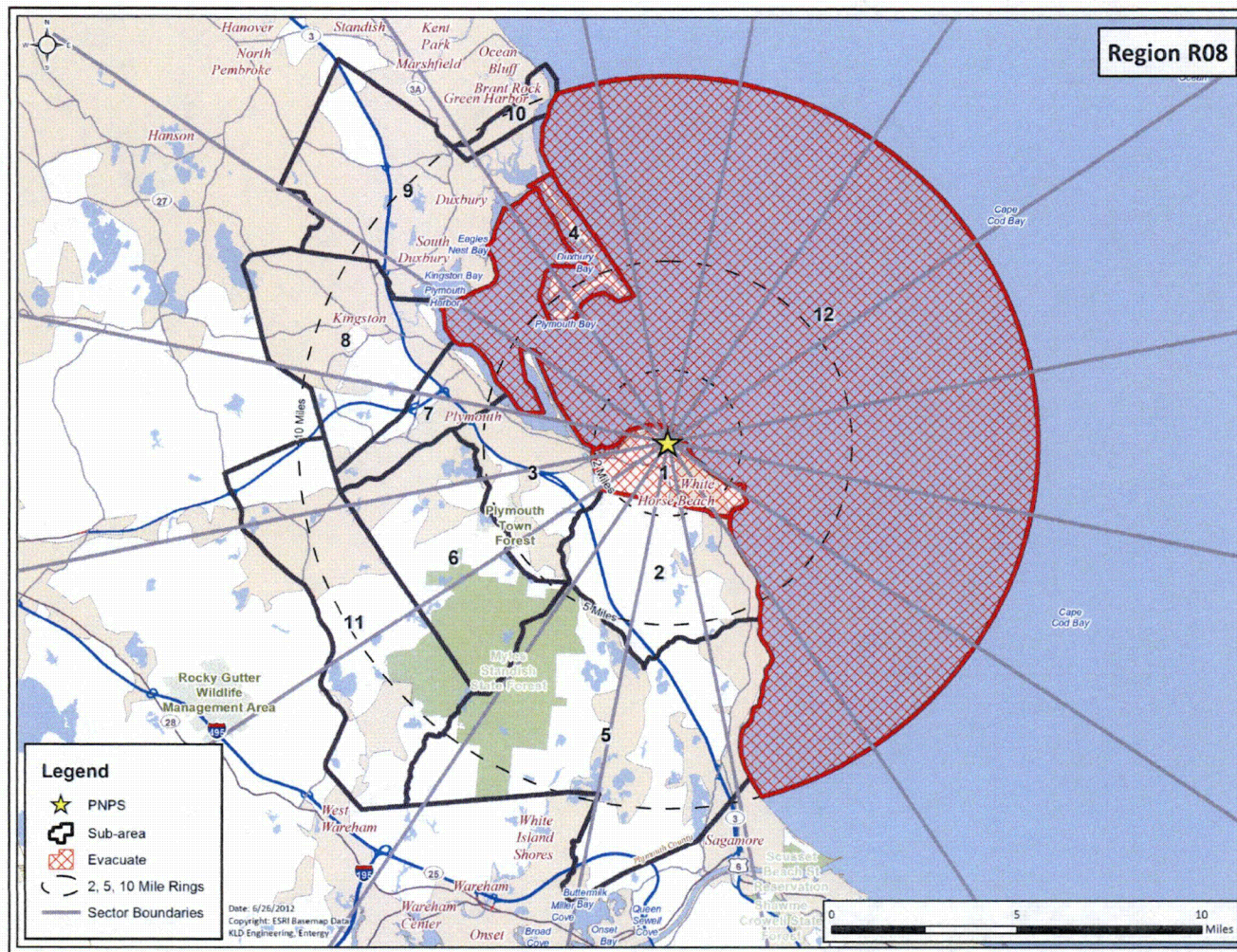


Figure H-8. Region R08

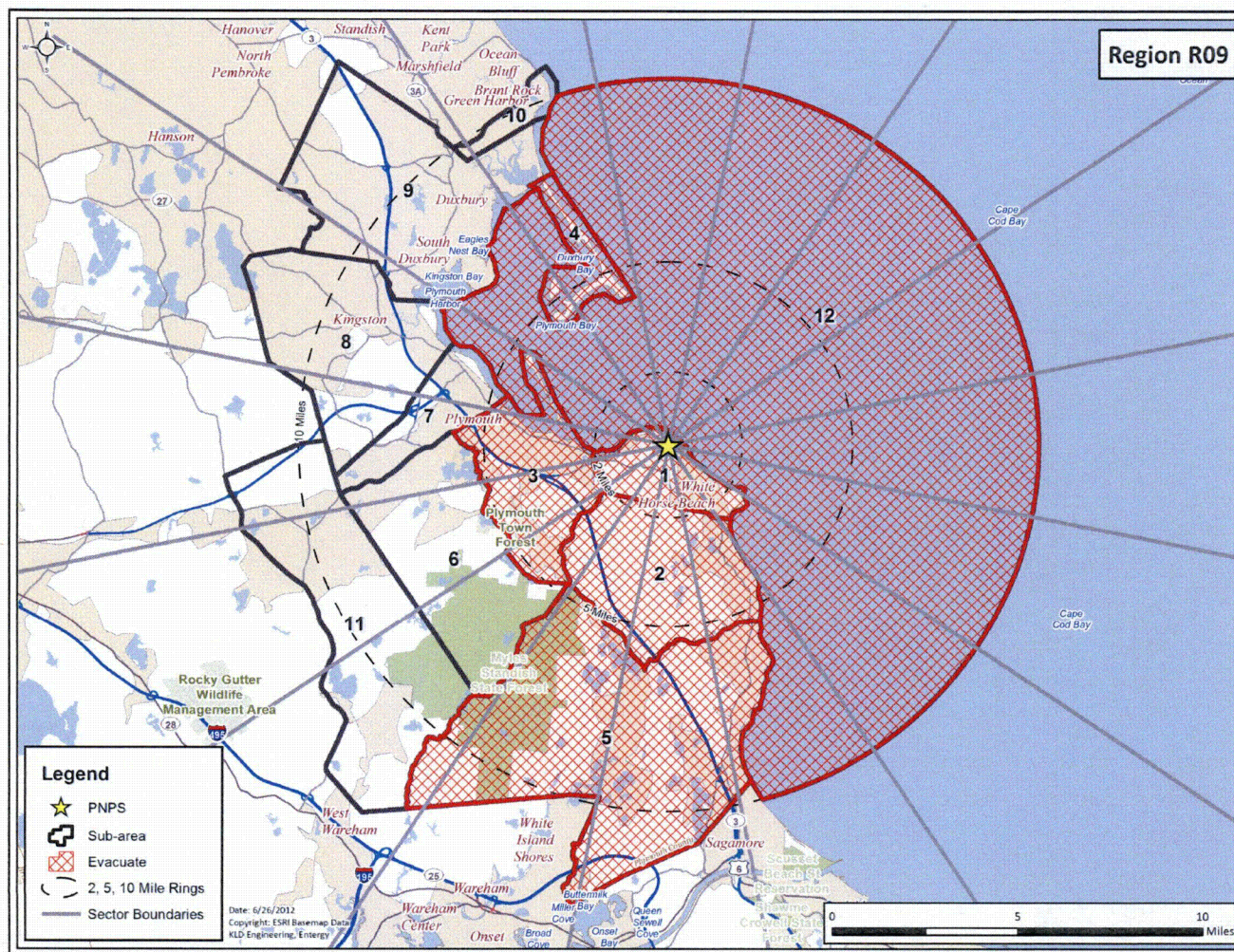


Figure H-9. Region R09

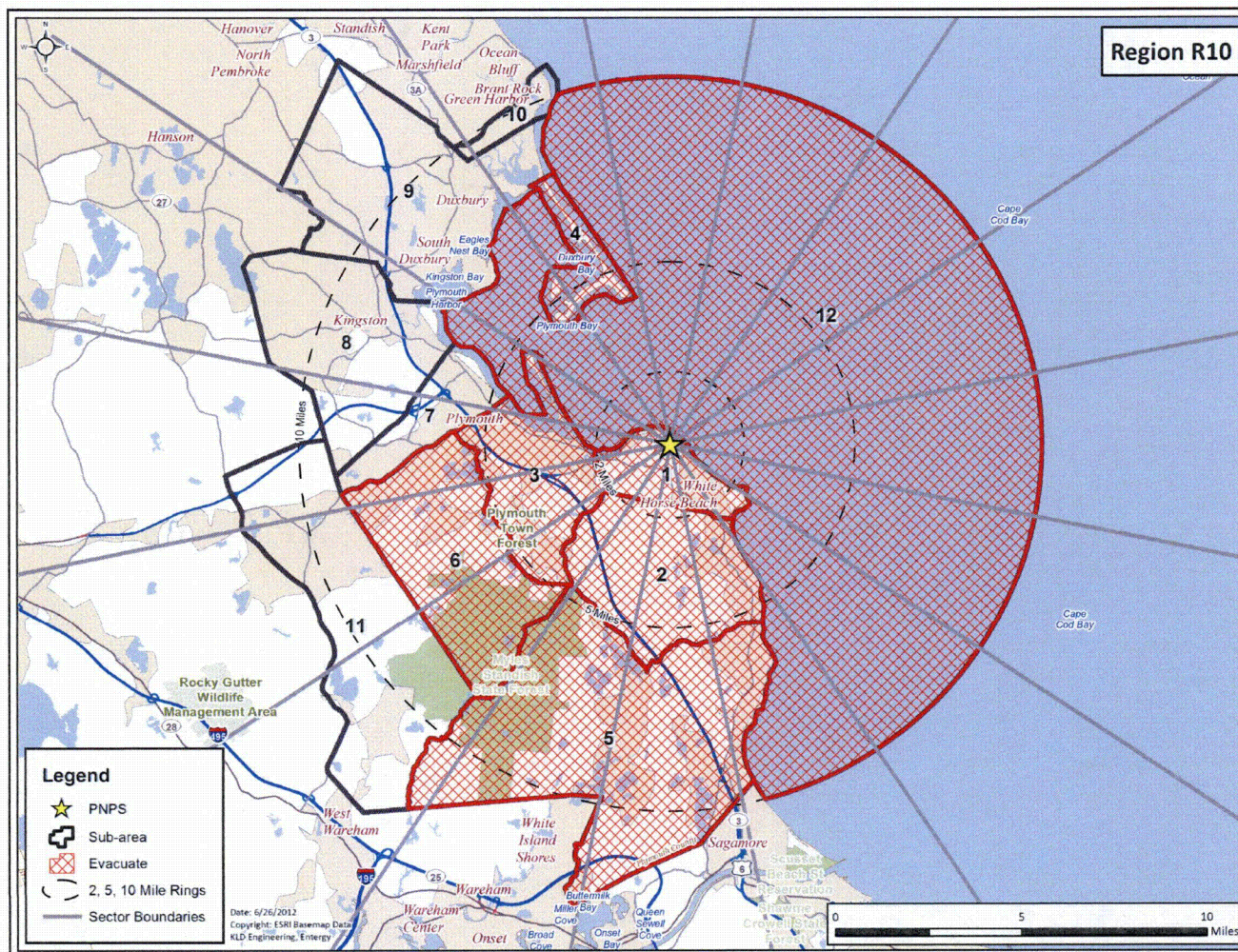


Figure H-10. Region R10

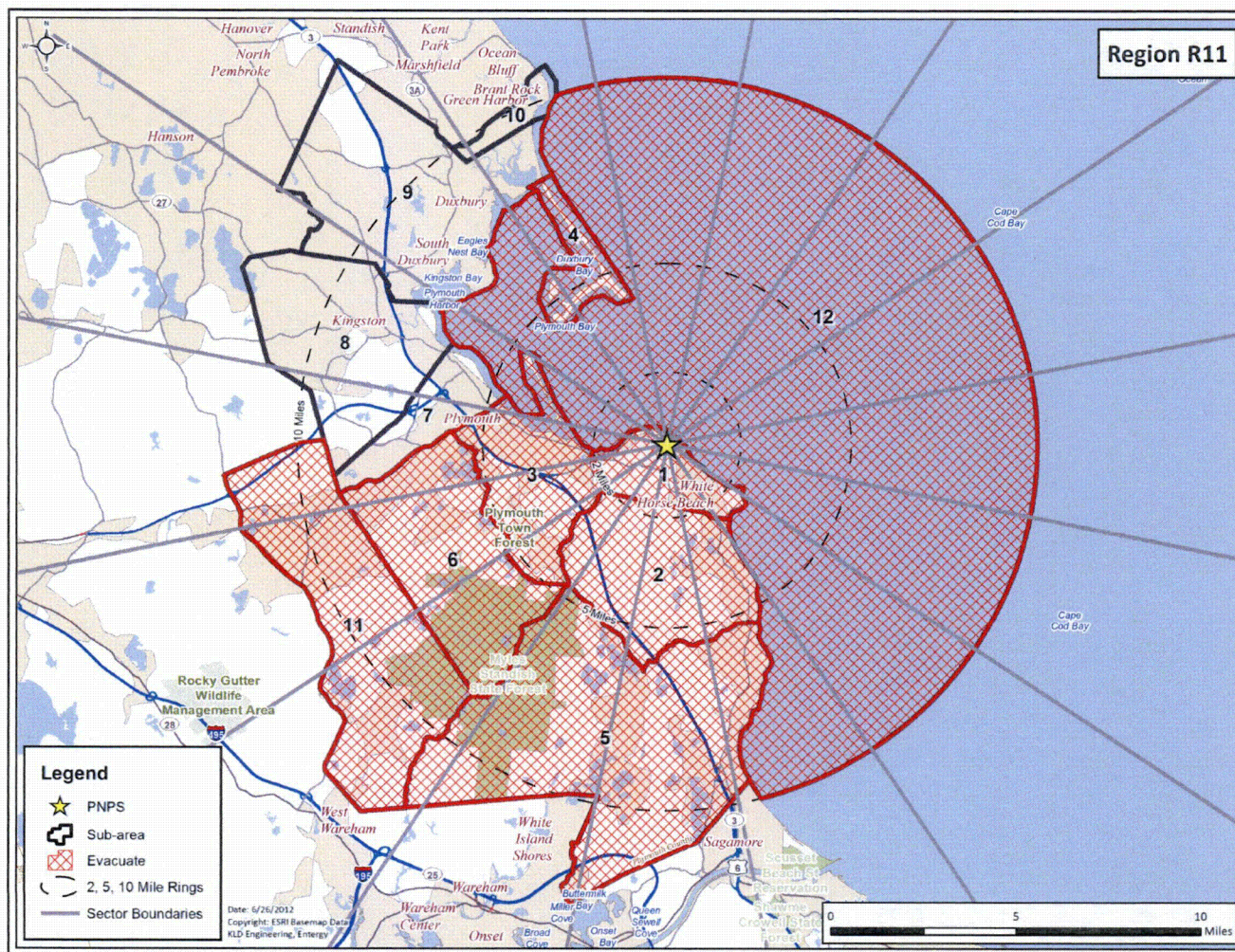


Figure H-11. Region R11

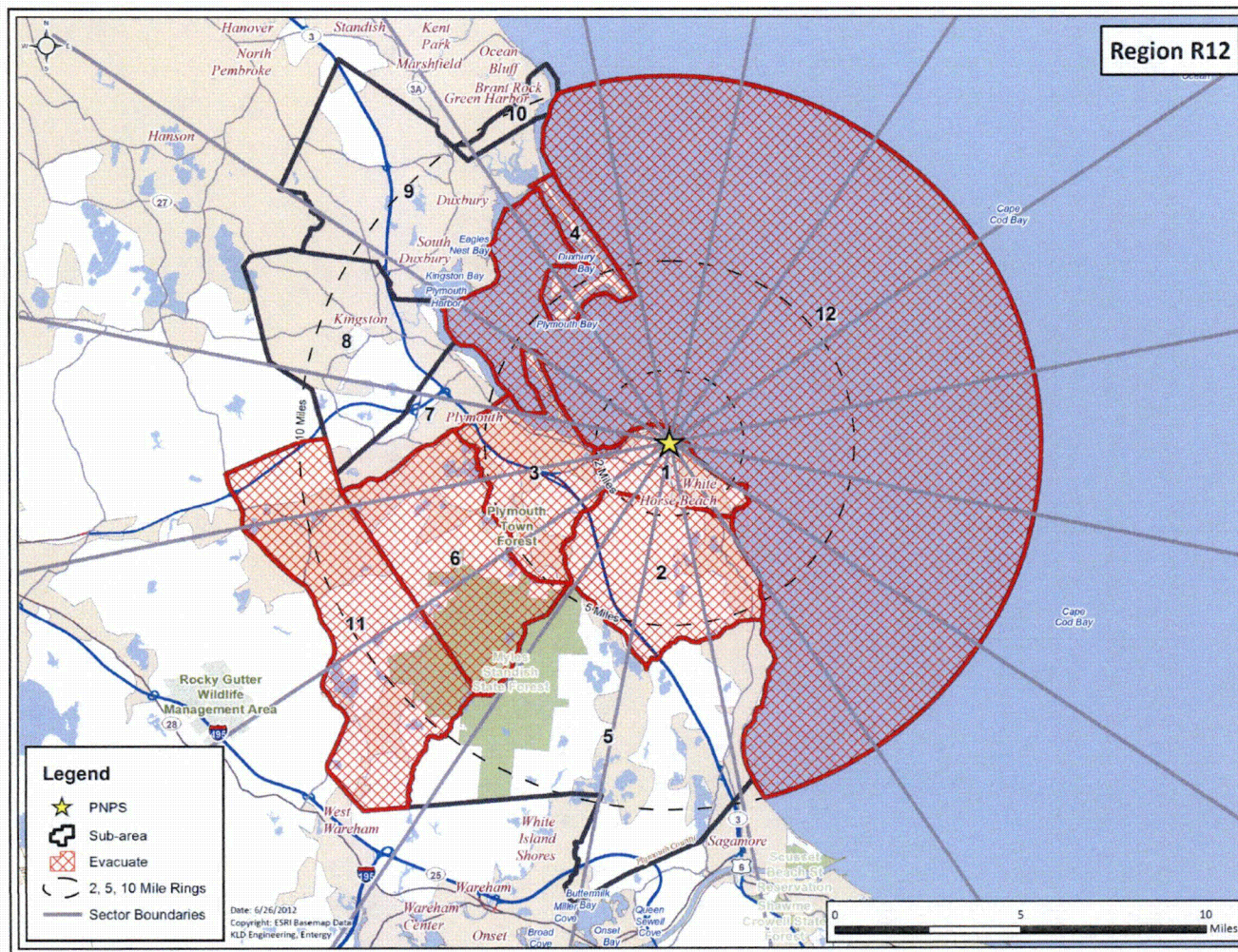


Figure H-12. Region R12

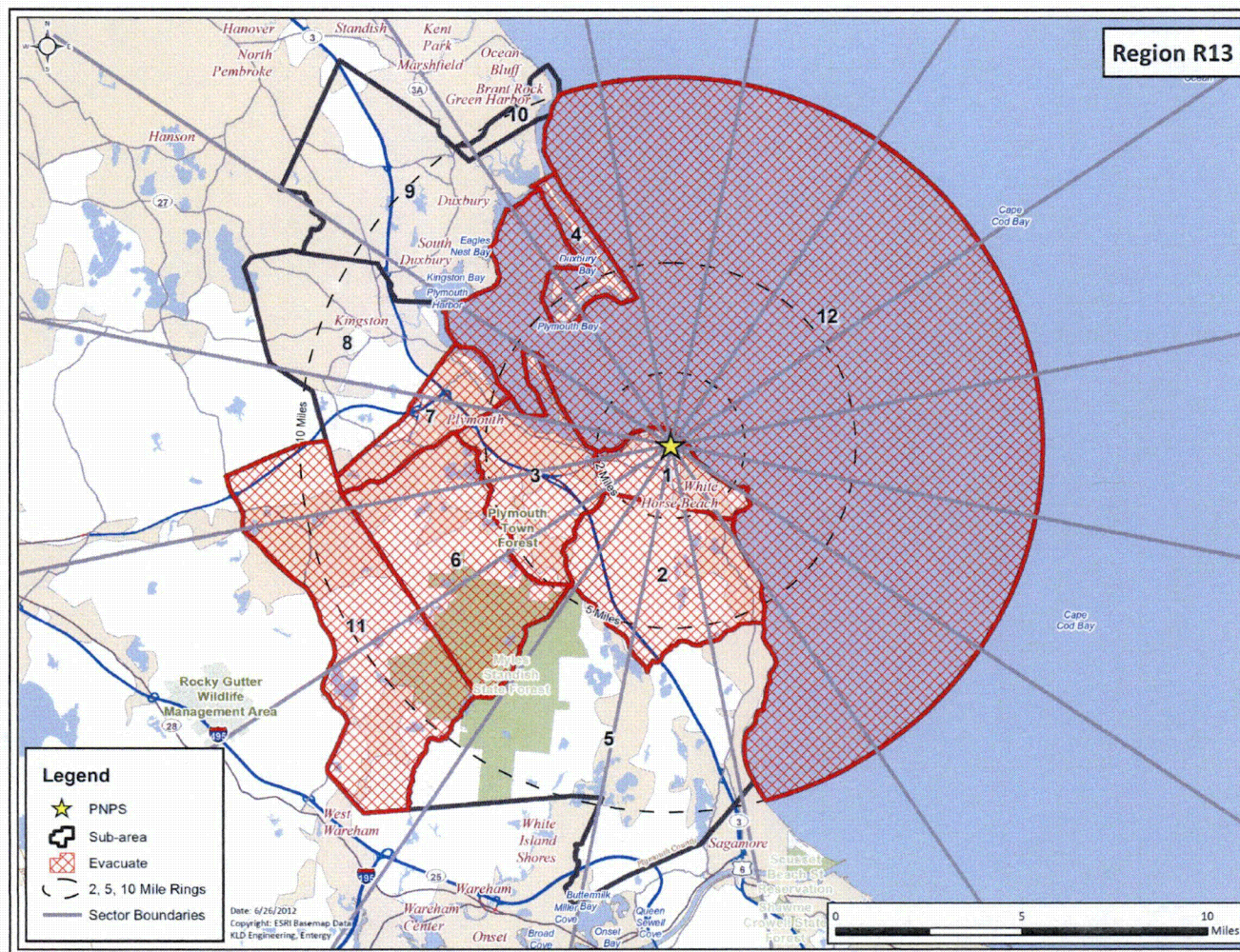
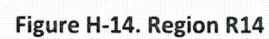


Figure H-13. Region R13



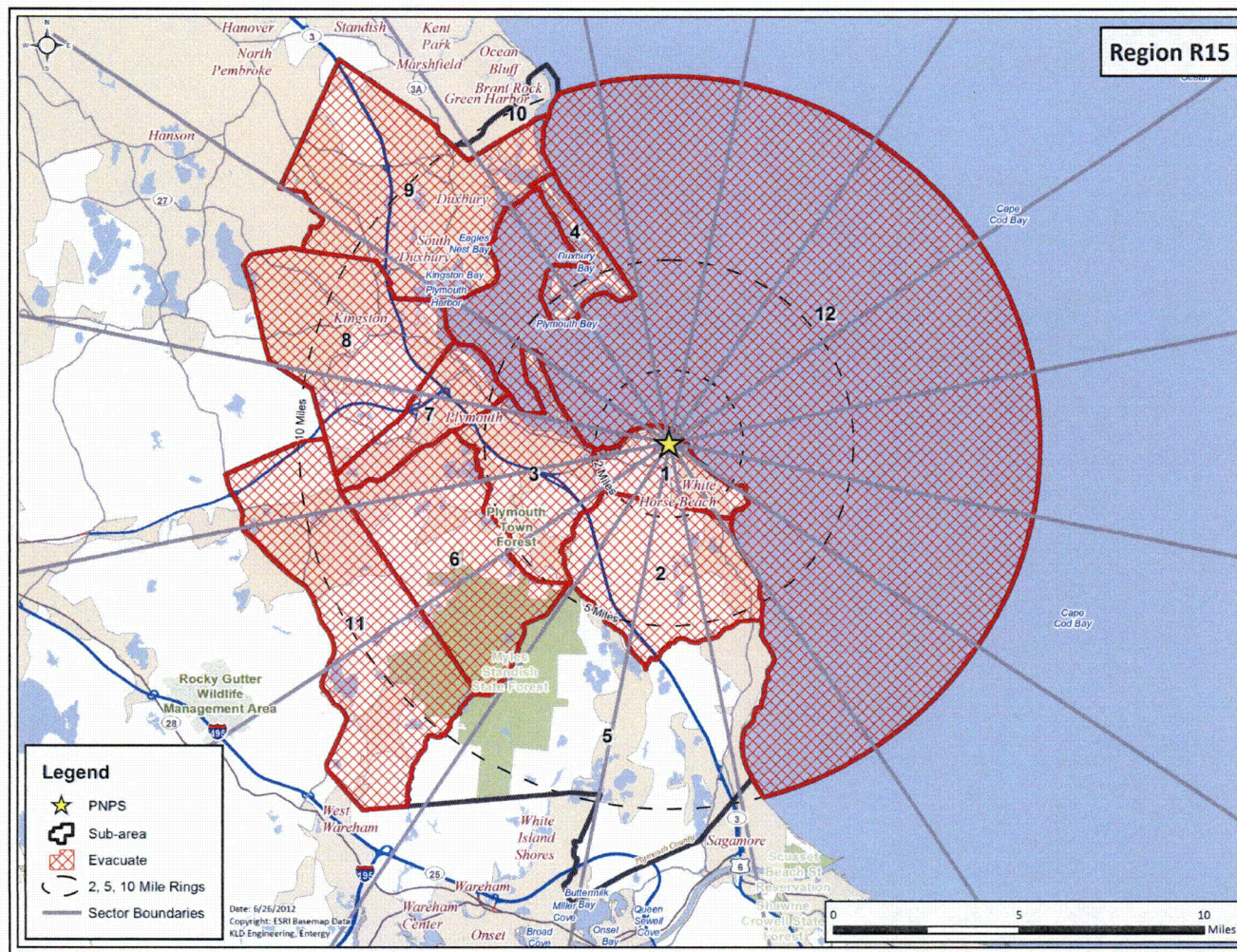
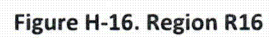


Figure H-15. Region R15



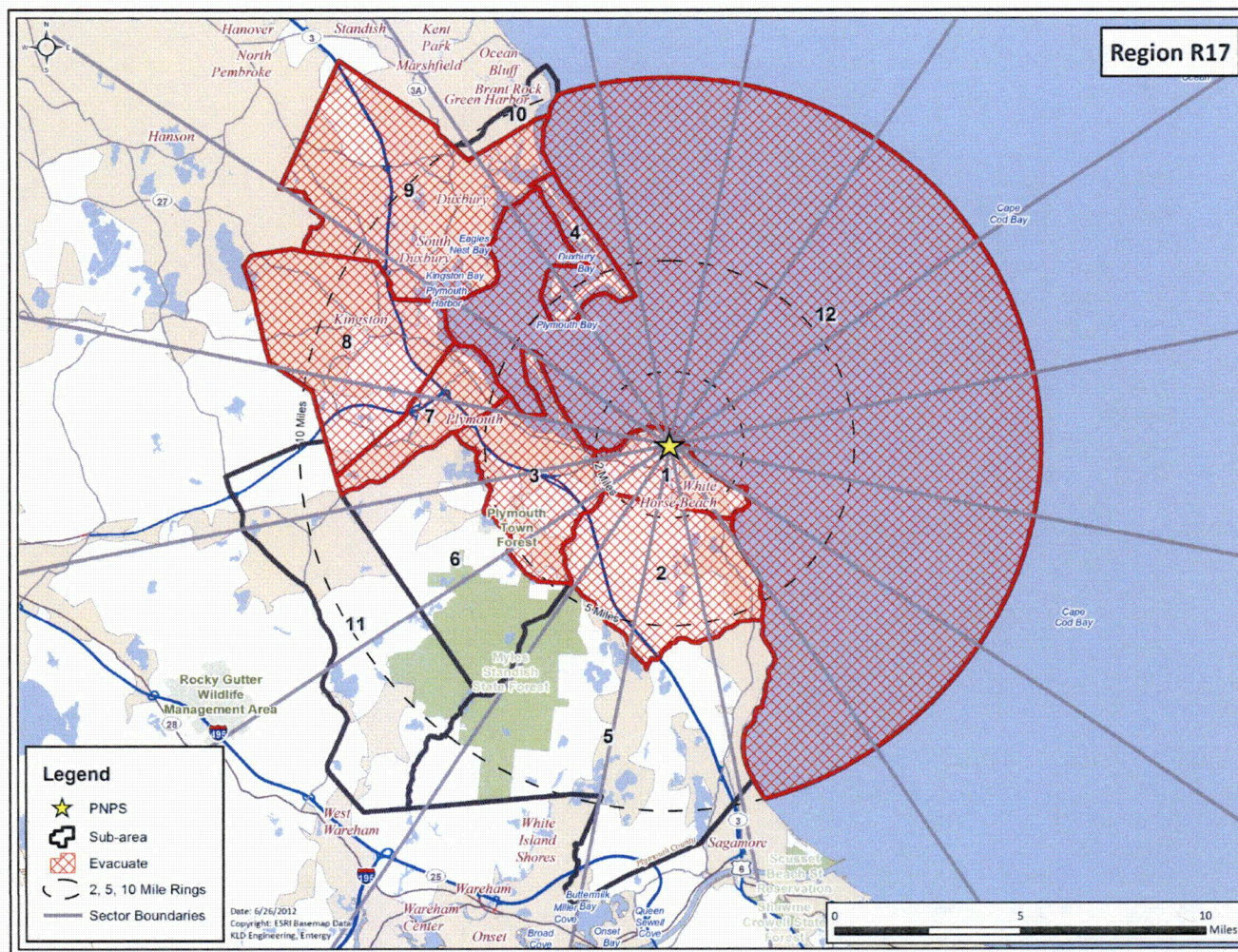


Figure H-17. Region R17

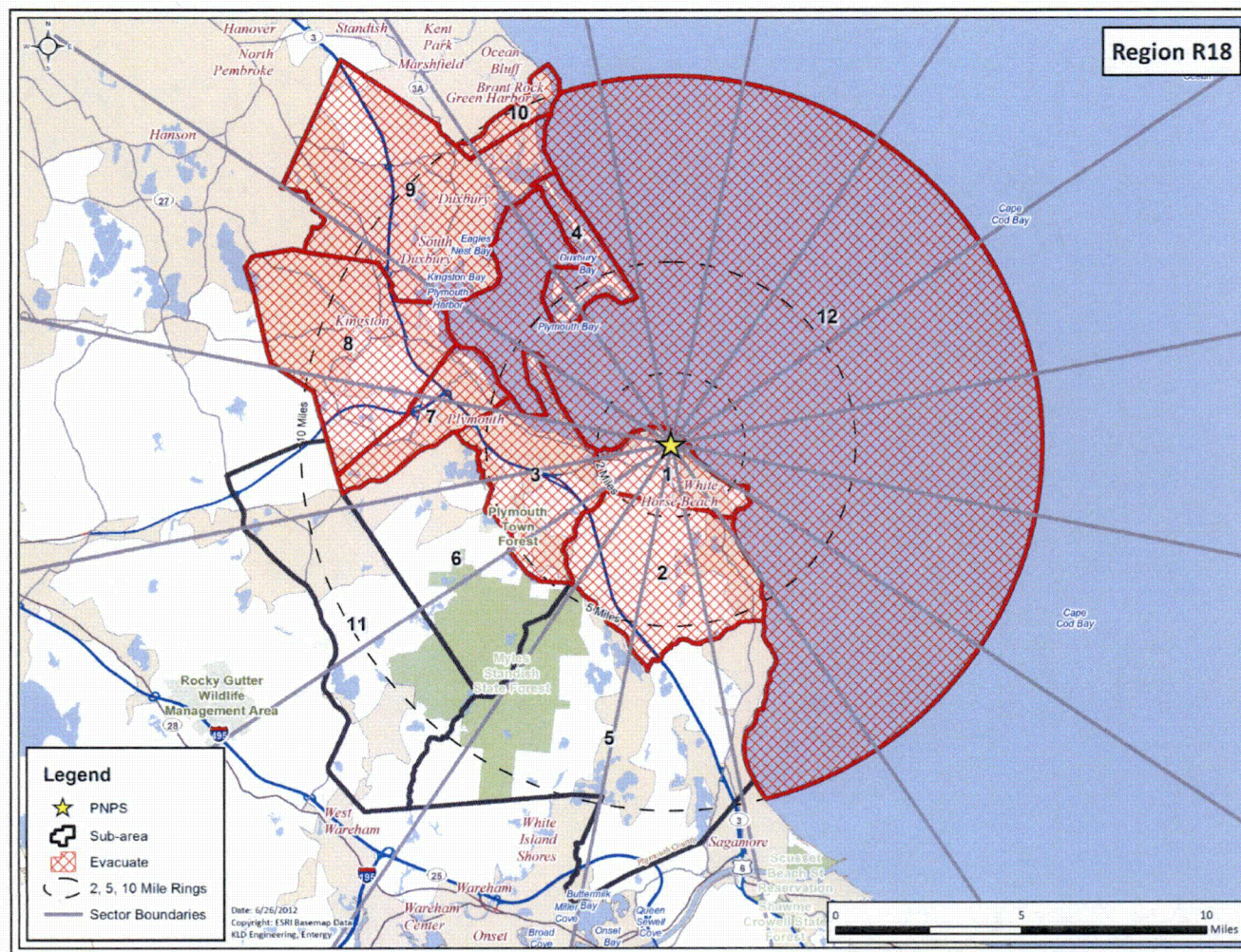


Figure H-18. Region R18

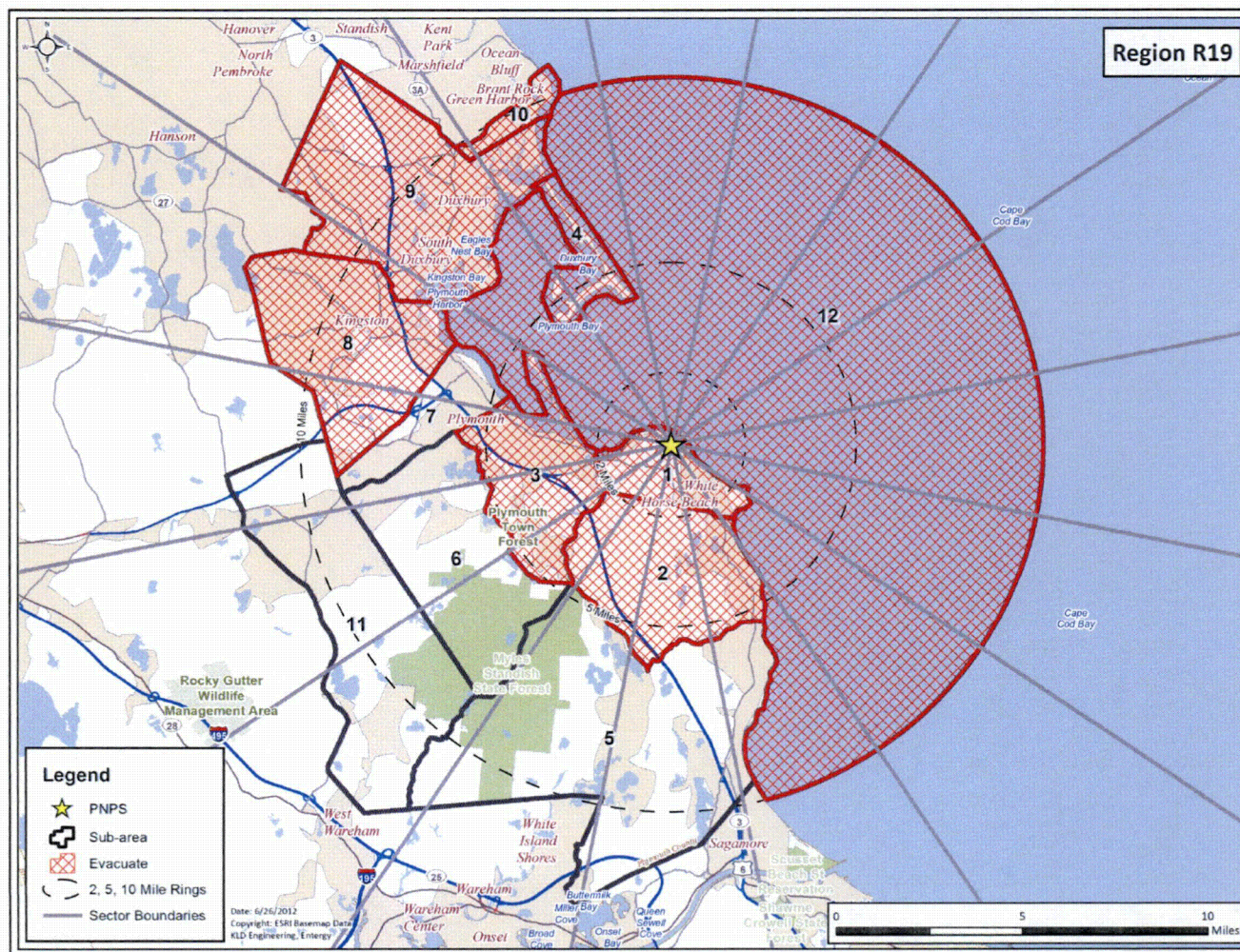


Figure H-19. Region R19

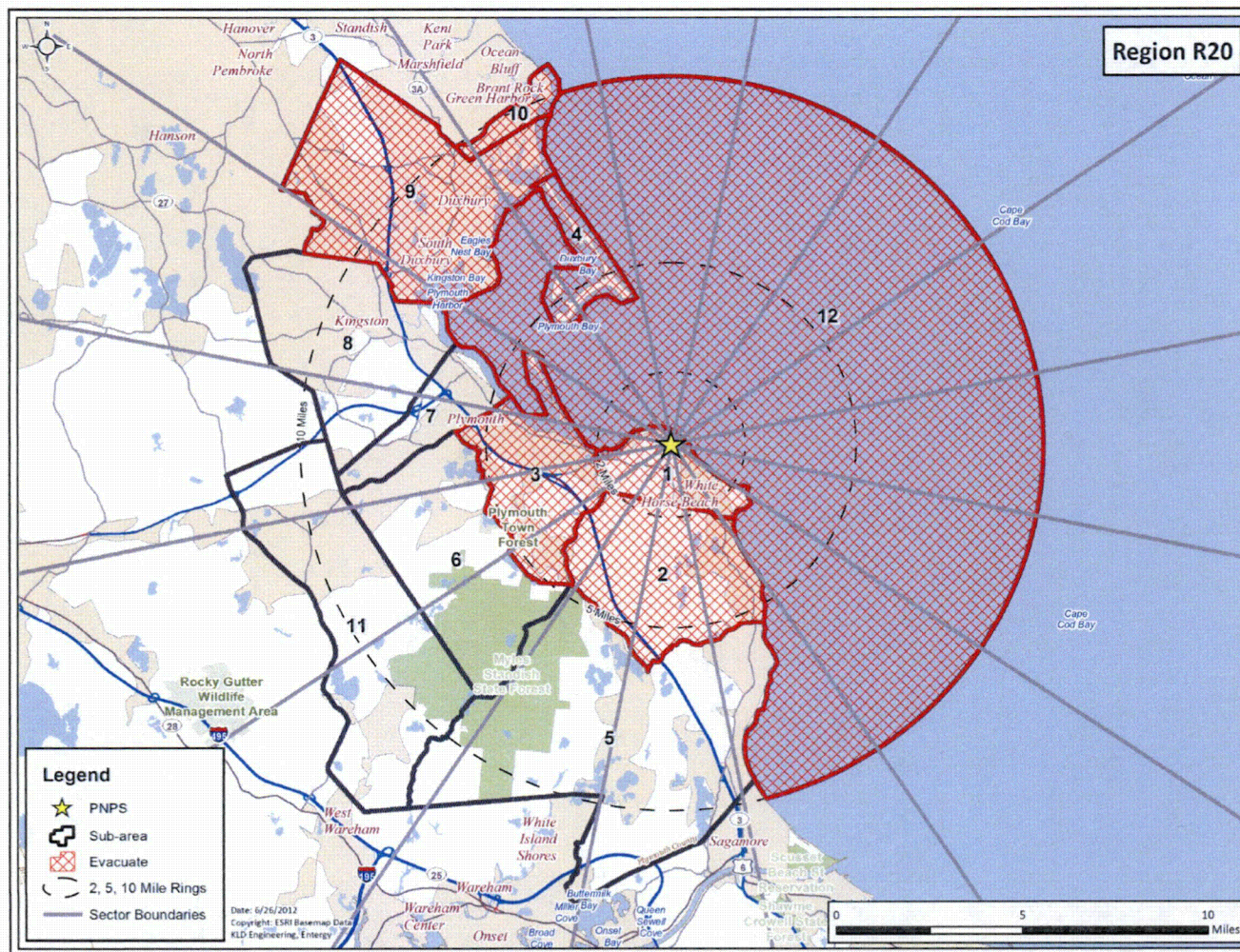


Figure H-20. Region R20

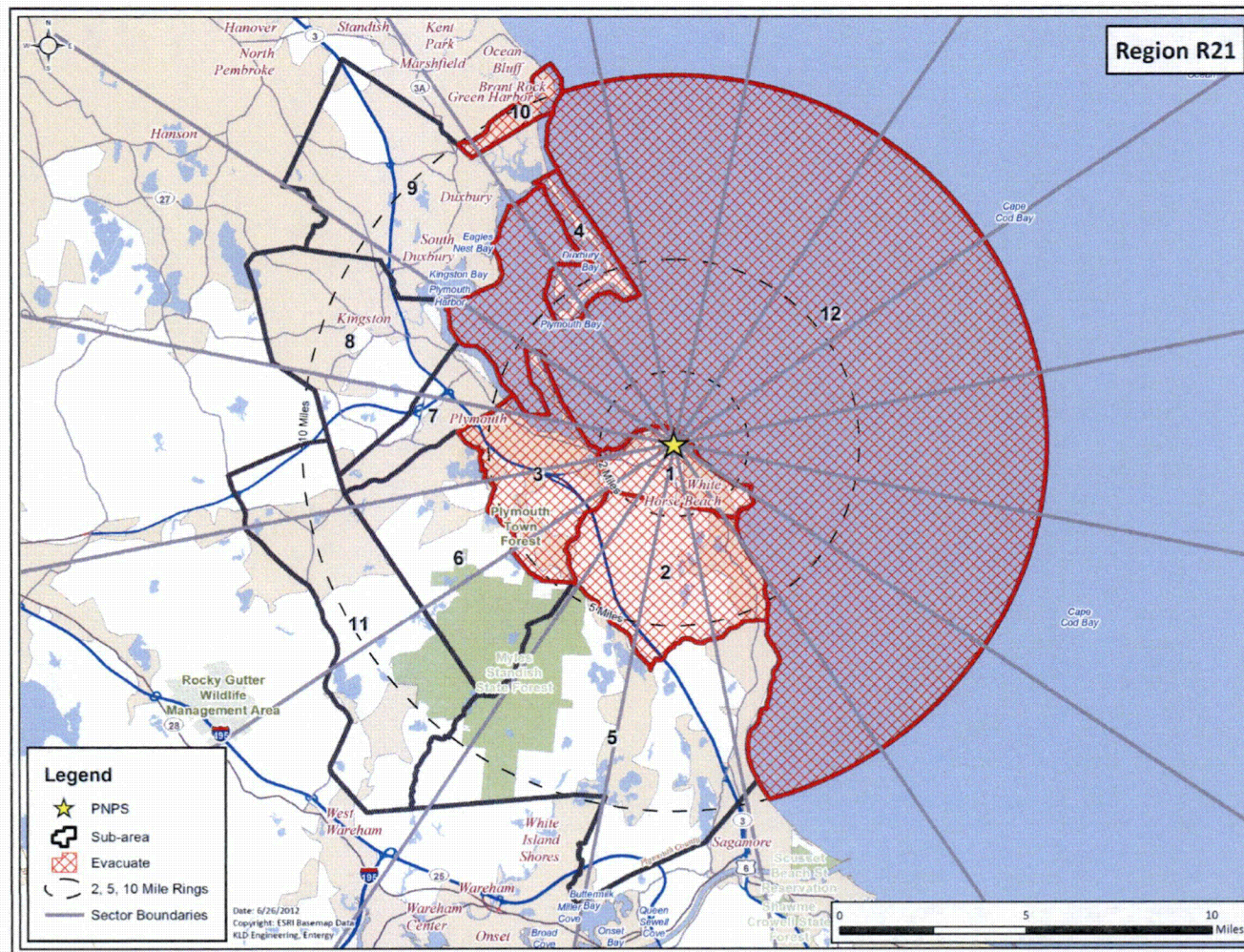
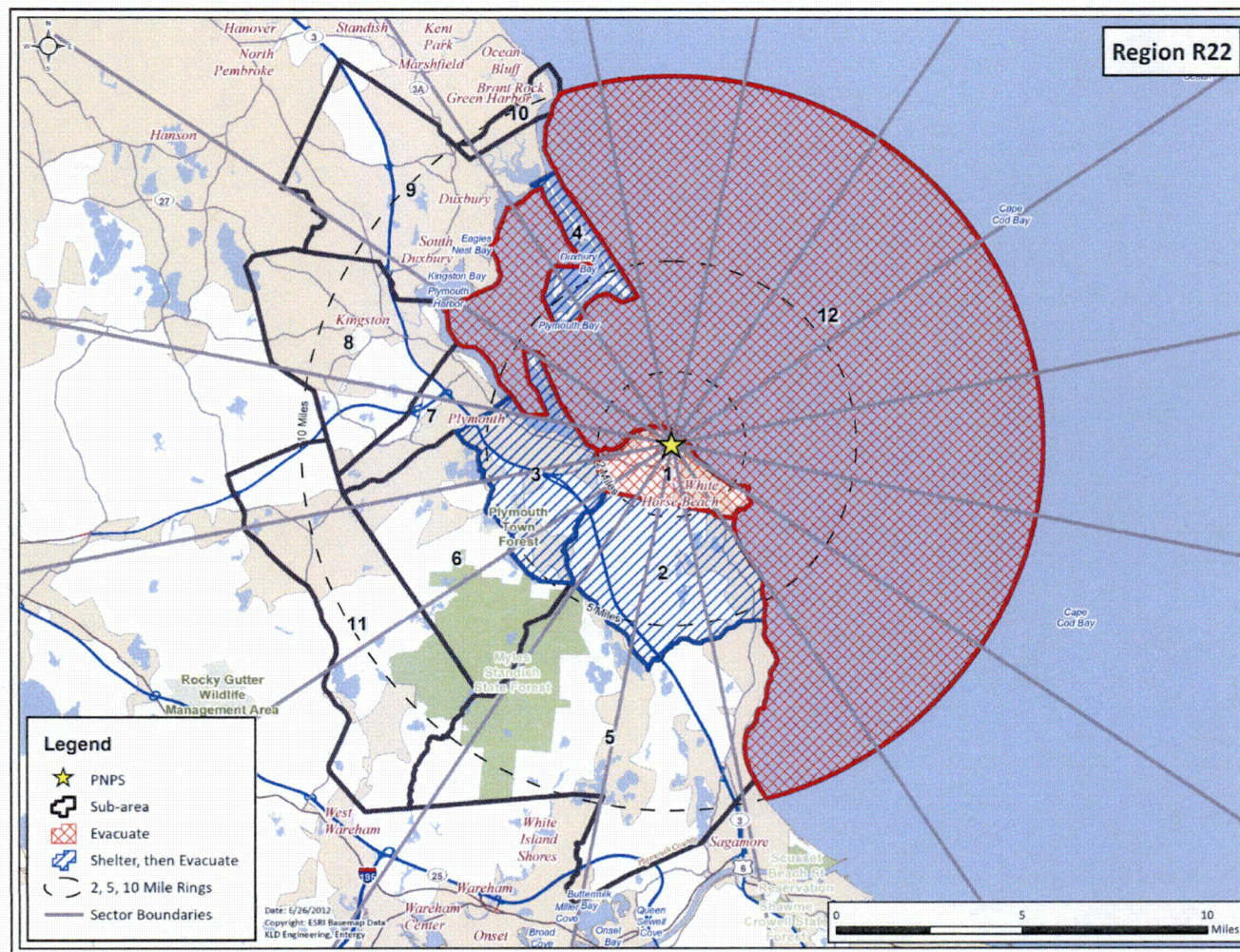


Figure H-21. Region R21



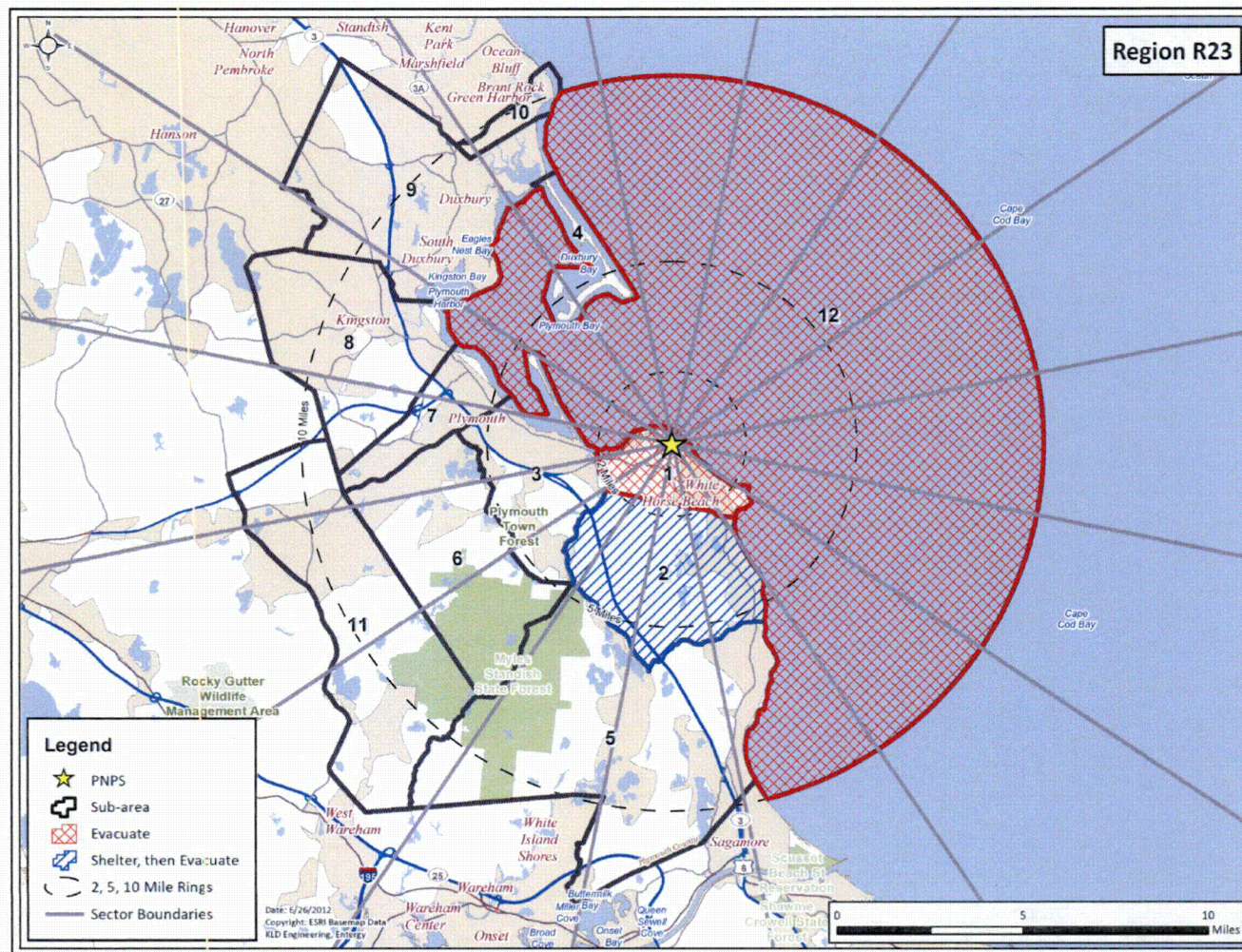


Figure H-23. Region R23

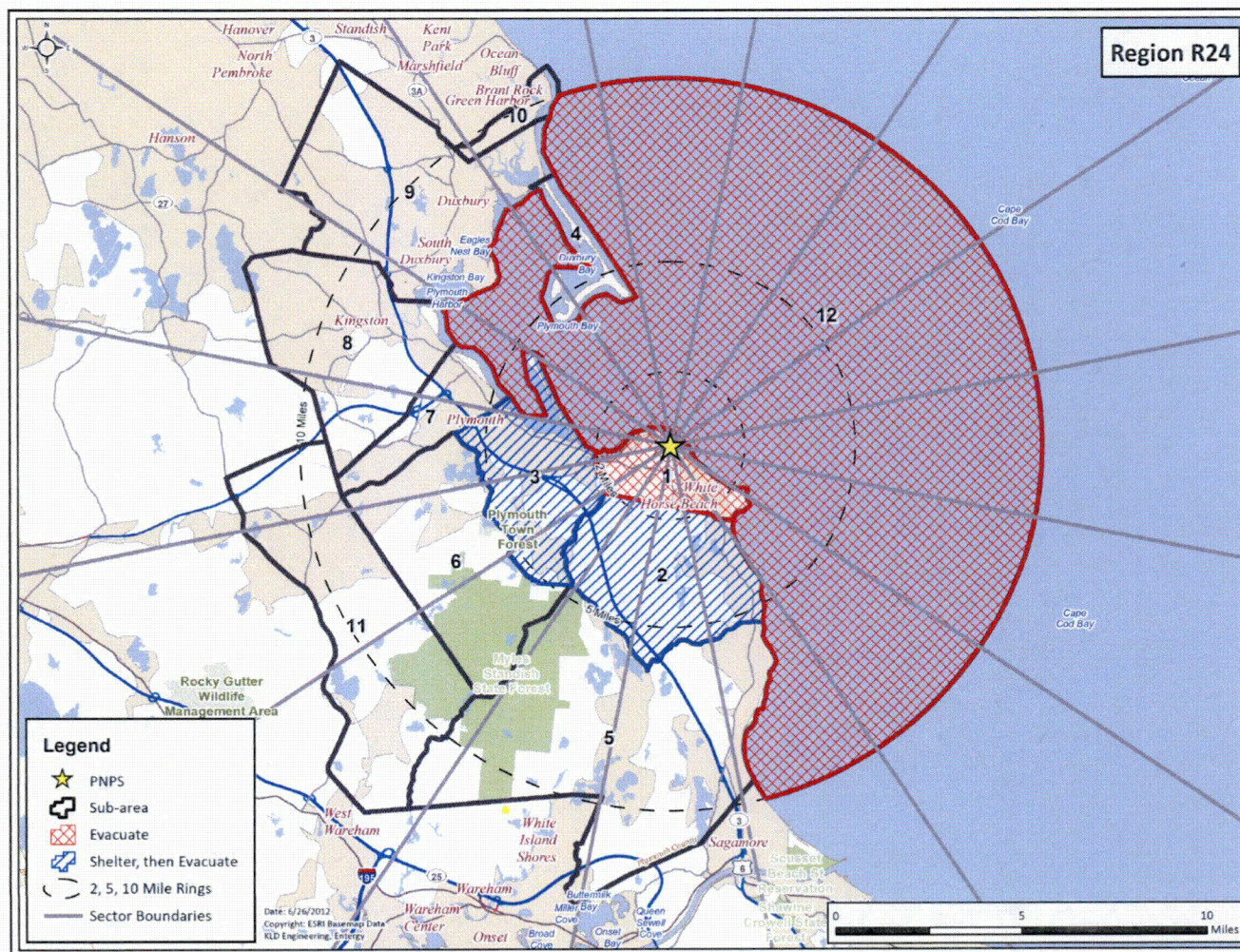


Figure H-24. Region R24

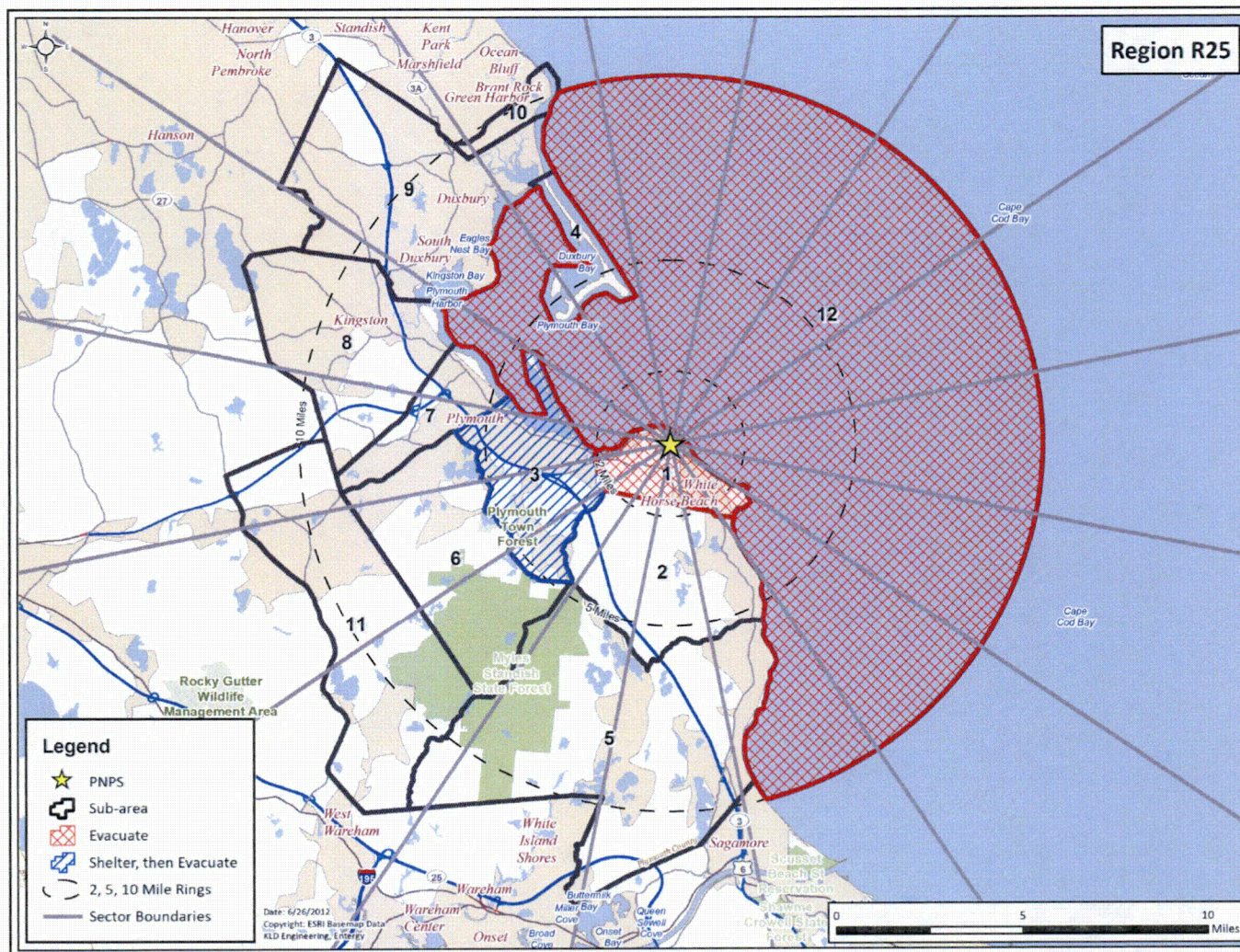
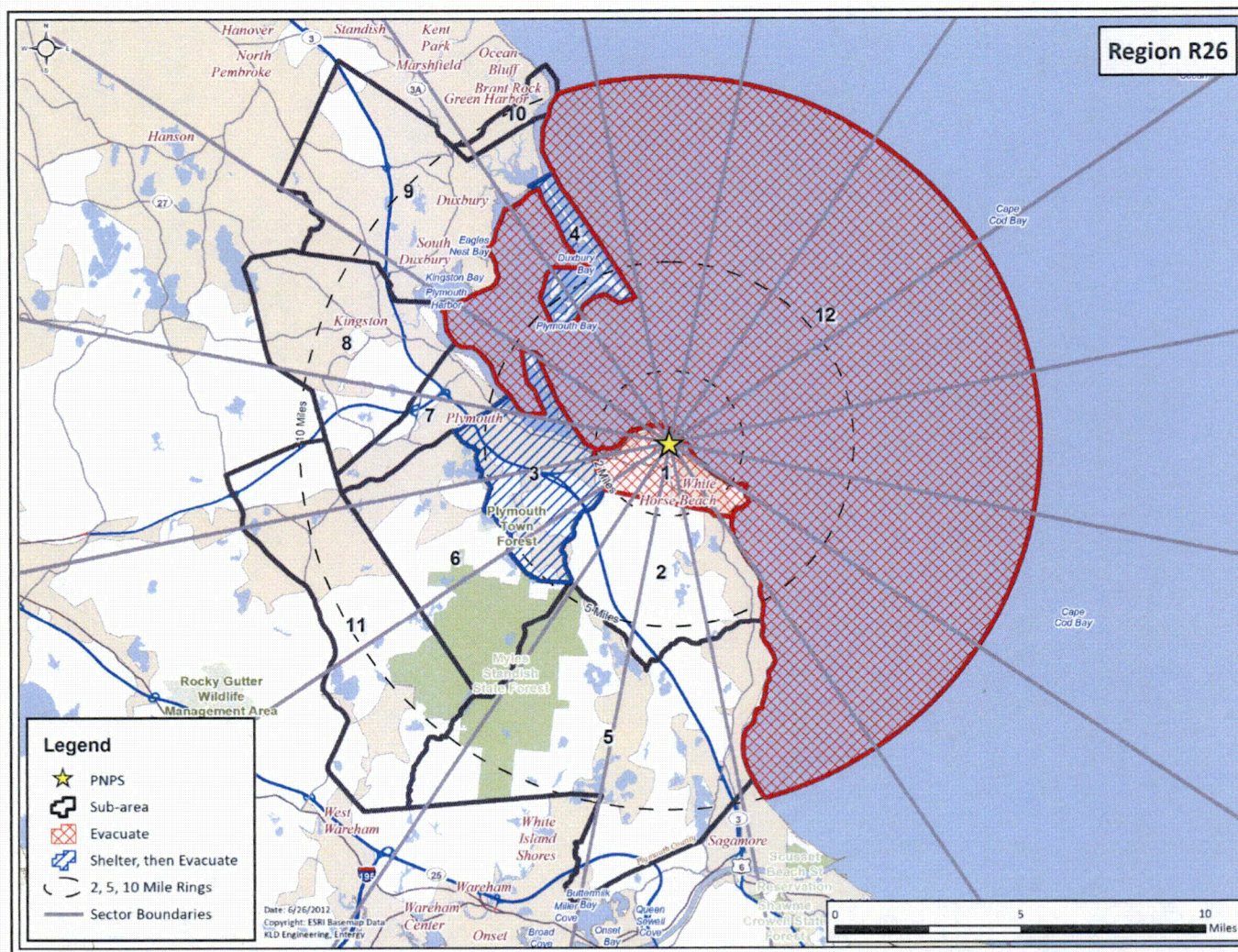


Figure H-25. Region R25



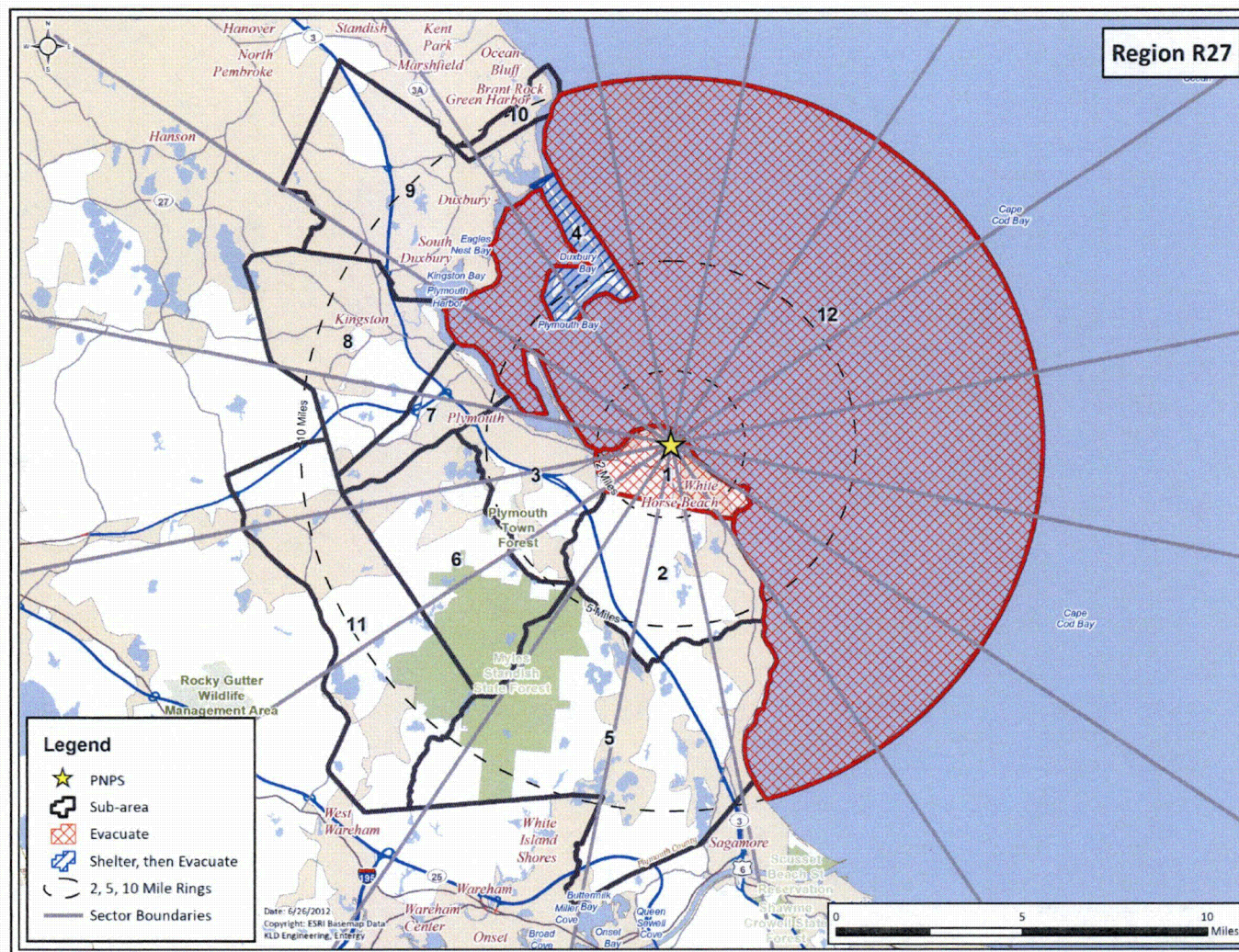


Figure H-27. Region R27