

The circulating and service water systems of Unit 1 and 2 were chlorinated from April until December (Table 2.2.1-1). During the chlorination periods, the analyses of free chlorine residual indicated values between <0.1-0.5 mg/liter at the condenser outlets. Consequently, because of the additional dilution from the unchlorinated condenser shell and the additional chlorine demand from that water, the concentration at the discharge to the river was less than 0.1 mg/liter.

TABLE 2.2.1-1

SODIUM HYPOCHLORITE SYSTEM
1980 OPERATING SUMMARY

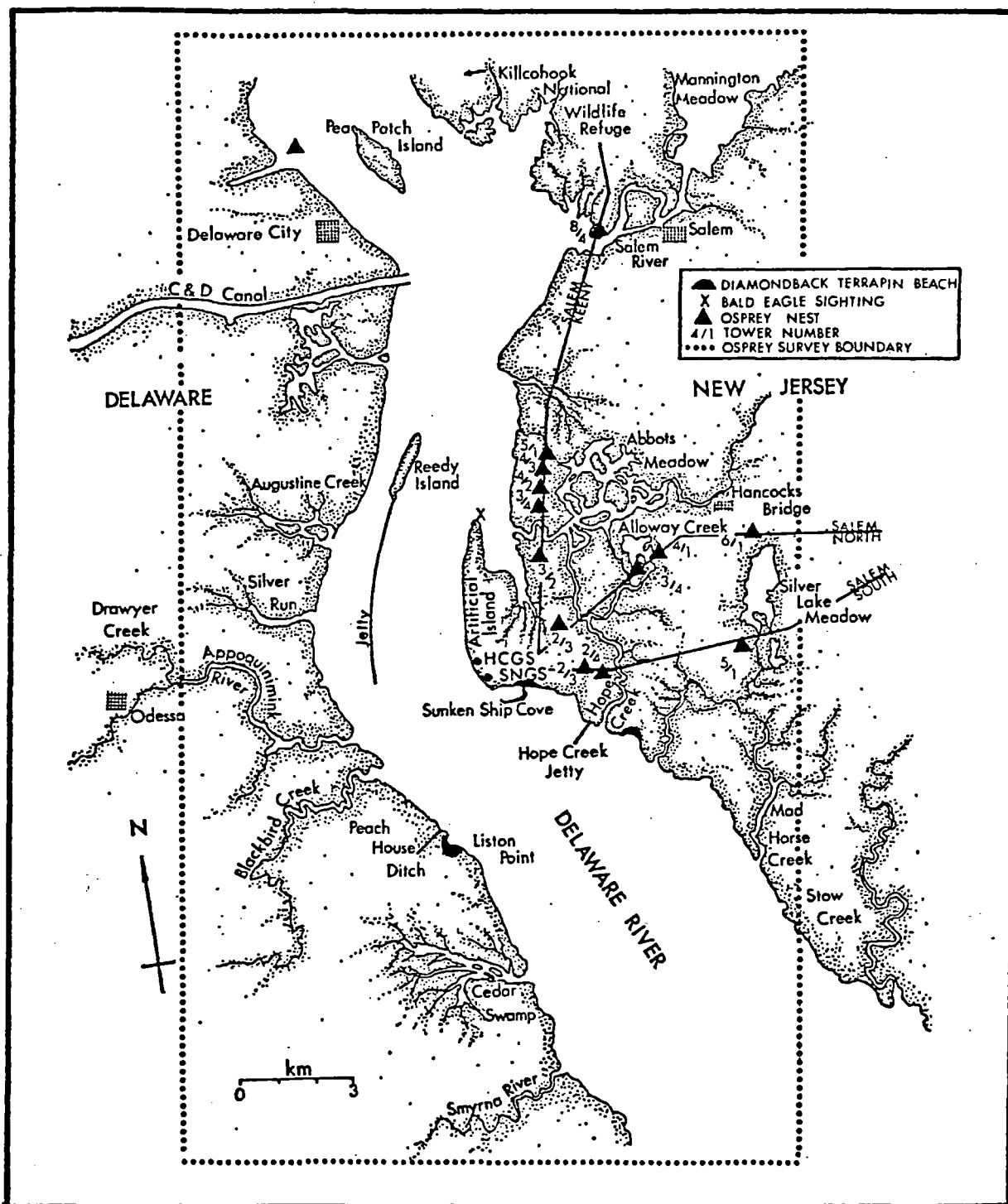
Water System	Unit No.	Sodium Hypochlorite System		Days of Chlorination	Free Chlorine Residual (mg/liter)
		In Service	Out of Service		
Circulating	1*	---	---	---	---
	2	Nov. 9	Dec. 10	22	0.2-0.5
Service	1	Apr. 22	Aug. 15	18	<0.1-0.5
	2	Apr. 24	Nov. 4	19	<0.1-0.4

*No chlorination was conducted in 1980

2.2.2 Suspended Solids (ETS Section 2.2.2)

The non-radioactive liquid waste basin processes make-up demineralizer and condensate polishing demineralizer regenerant wastes and steam generator blowdown, permitting solids settling before discharging to the river.

In 1980, 24-hr composite samples for suspended solids (TSS) were taken from the basin discharge pipe monthly and analyses were performed using the filtration/gravimetric method which is recognized by EPA.

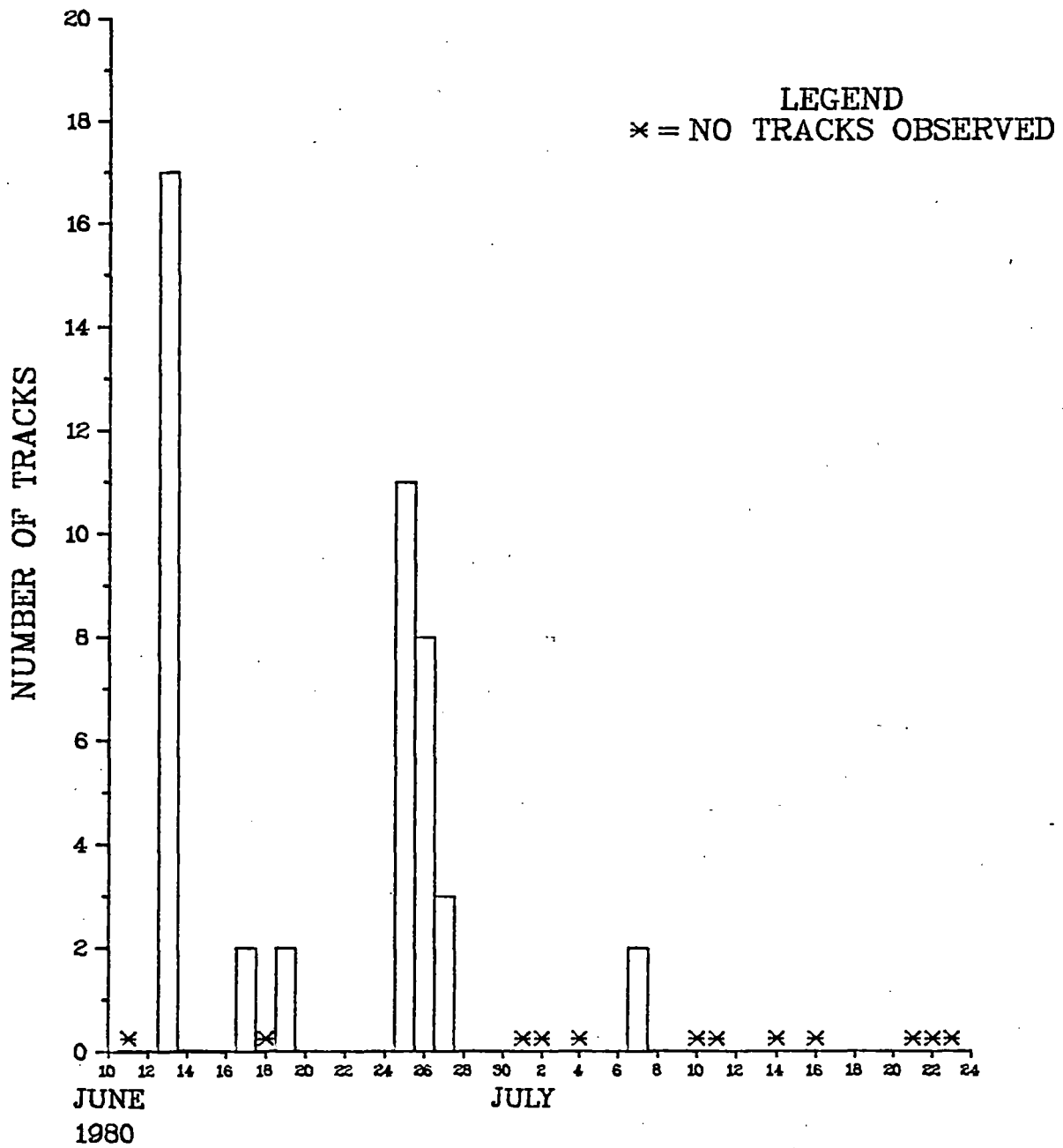


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Diamondback terrapin study sites,
osprey nests, and bald eagle
sightings - 1980.

Figure 3.1-1

SUNKEN SHIP COVE

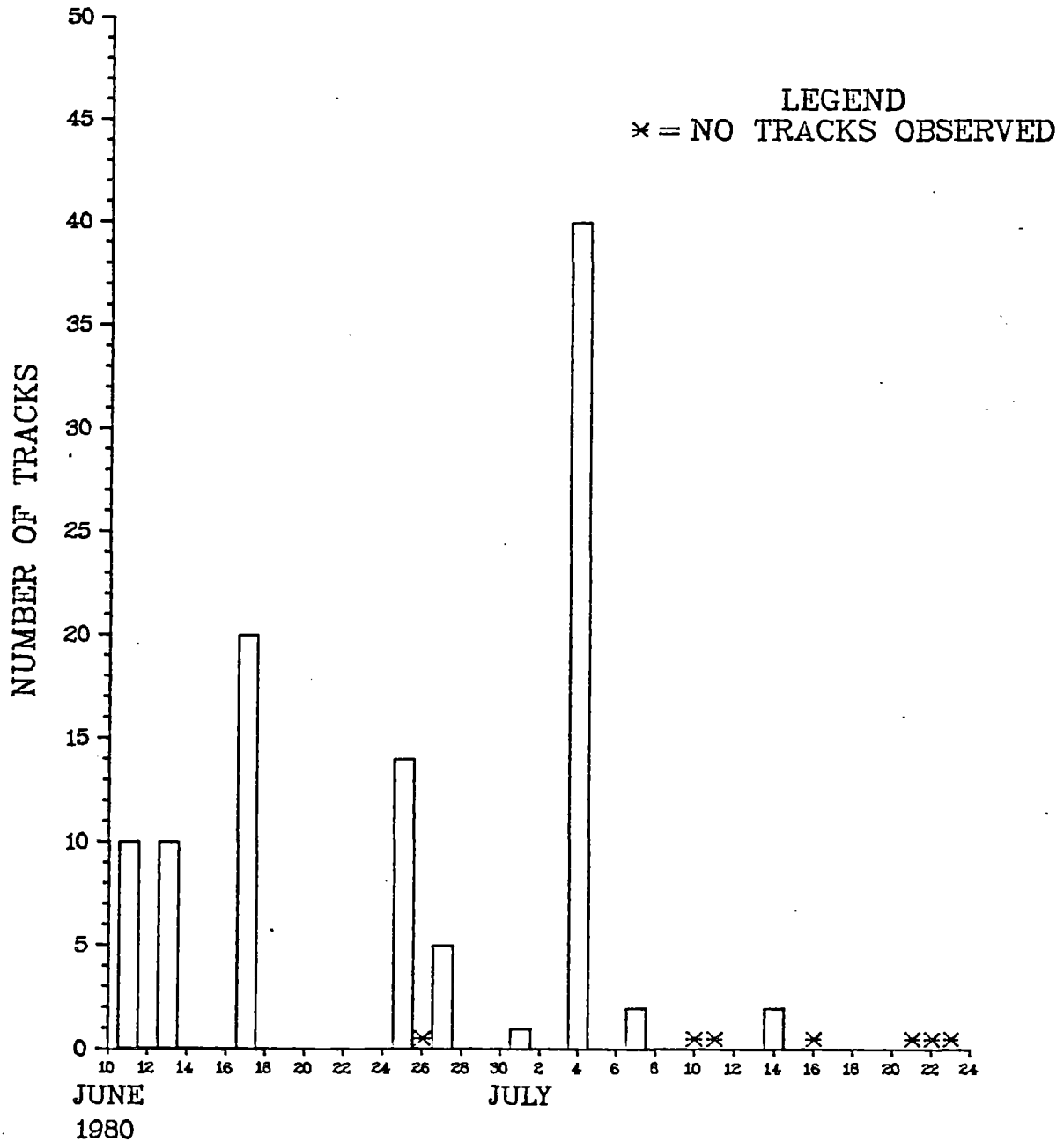


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Nesting activity of diamondback
 terrapin at Sunken Ship Cove - 1980

Figure 3.1-2

HOPE CREEK

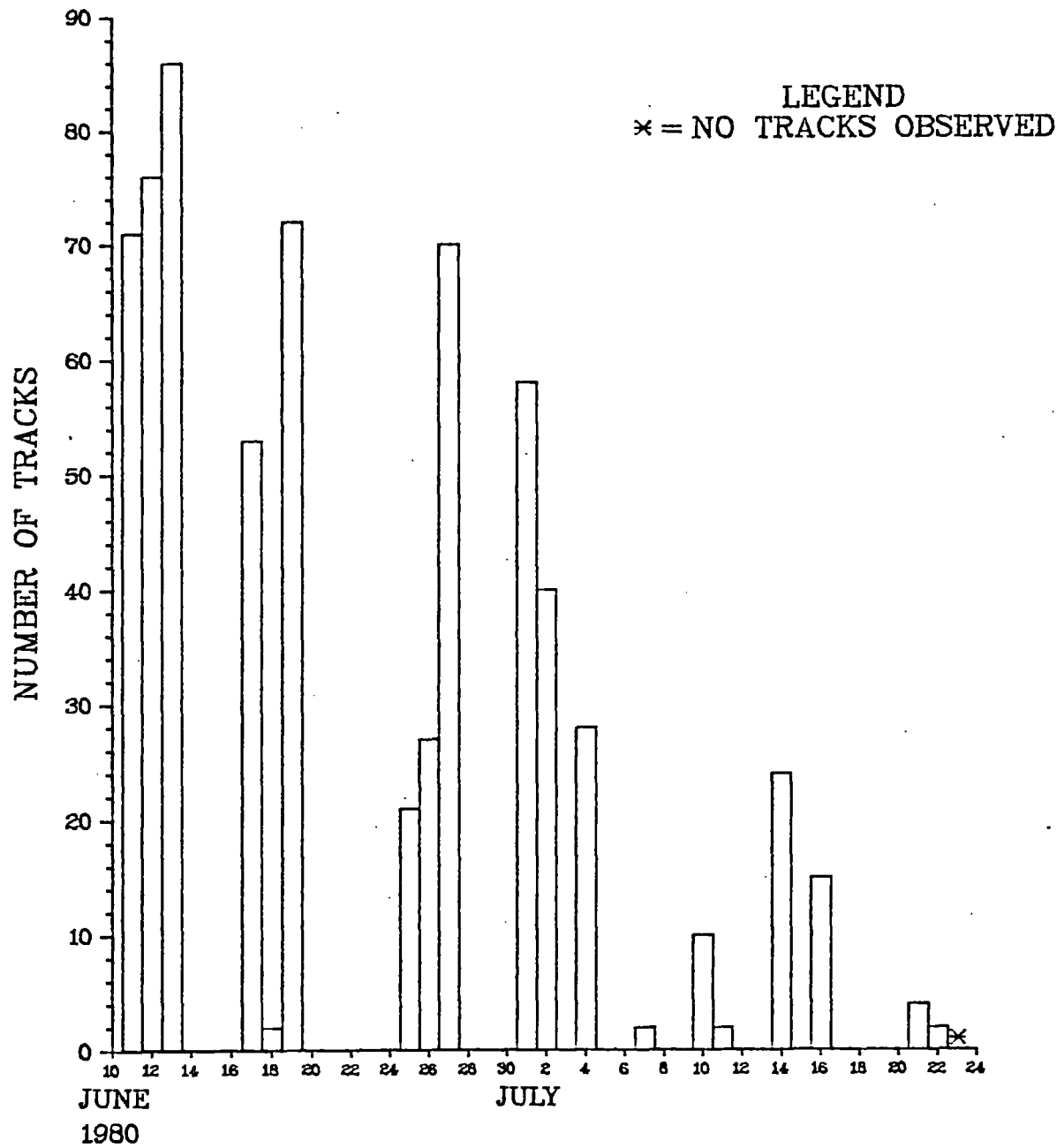


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Nesting activity of diamondback
terrapin at Hope Creek - 1980

Figure 3.1-3

LISTON POINT



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Nesting activity of diamondback
terrapin at Liston Point - 1980

Figure 3.1-4