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# SOUTHWEST FISHERIES CENTER

NATIONAL MARINE FISHERIES SERVICE

SOUTHWEST FISHERIES CENTER

P.O. BOX 271

LA JOLLA, CA 92038

MAY 1982

## SUMMARY OF 1981 NORTH PACIFIC ALBACORE FISHERY DATA

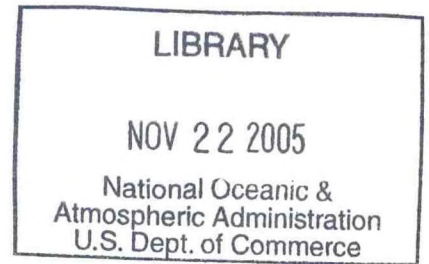
by

Anthony P. Majors, Atilio L. Coan,  
Norman Bartoo, and Forrest Miller

ADMINISTRATIVE REPORT LJ-82-12

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NMFS, Southwest Fisheries Center  
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Inter-American Tropical Tuna Commission  
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This report summarizes data for the 1981 United States North Pacific albacore fishery. The data were obtained primarily from voluntary logbooks and interviews of albacore fishermen and port sampling of catches at U.S. landing ports. Cooperating groups involved in collection of these logbooks, length-frequency statistics, and conducting interviews include California Department of Fish and Game, Oregon Department of Fish and Wildlife, Washington Department of Fisheries, Pacific Marine Fisheries Commission, and Western Fishboat Owners Association. Data for foreign albacore fisheries were contributed by scientists from Canada, Japan, and Taiwan.

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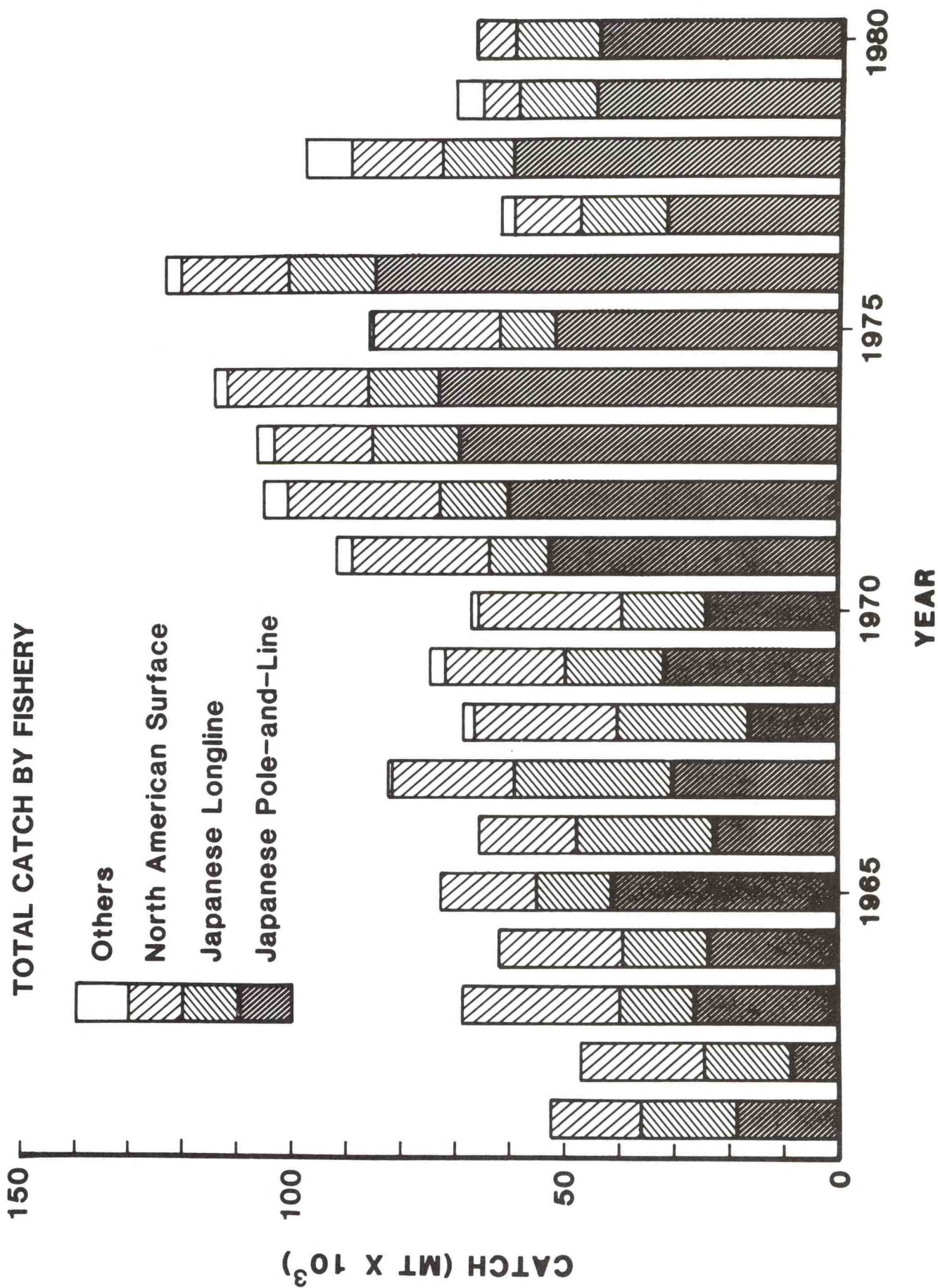
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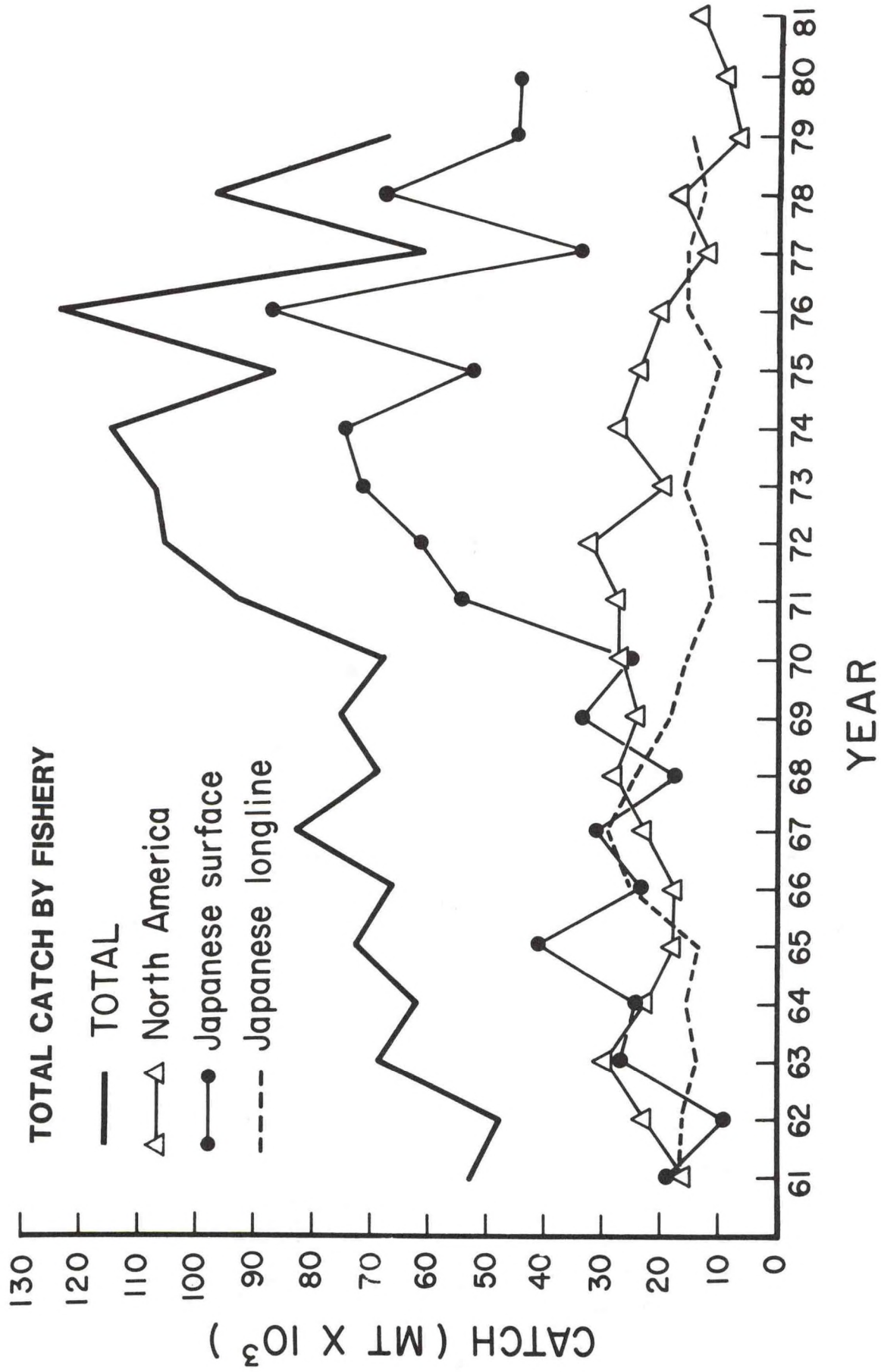
Catches for North Pacific albacore in metric tons, 1952-1981

Year	Pole-and-line		Japan		Other Gear		Taiwan		United States		Canada		Grand Total
			Longline	Total	Longline	Total	Longline	Total	Jigboat	Sport	Jigboat	Total	
1952	41,386		26,687	68,710	237				23,843	1,373	71		93,997
1953	32,921		27,777	60,830	132				15,740	171	5		76,746
1954	28,069		20,958	49,065	38				12,246	147	-		61,458
1955	24,236		16,277	40,649	136				13,264	577	-		54,490
1956	42,810		14,341	57,208	57				18,751	482	17		76,458
1957	49,500		21,053	70,704	151				21,165	304	8		92,181
1958	22,175		18,452	40,731	124				14,855	48	74		55,708
1959	14,252		15,502	30,121	67				20,990	-	212		51,323
1960	23,156		17,369	42,601	76				20,100	557	5		63,263
1961	18,636		17,437	36,341	268				12,054	1,355	4		52,591
1962	8,729		15,764	24,684	191				19,753	1,681	1		47,204
1963	26,420		13,464	40,102	218				25,142	1,161	5		68,812
1964	23,858		15,458	39,635	319				18,389	824	3		62,283
1965	41,491		13,701	55,313	121		26		16,461	731	15		72,953
1966	22,830		25,050	48,465	585		16		15,169	588	44		65,882
1967	30,481		28,869	59,870	520		17		17,814	707	161		82,682
1968	16,597		23,961	41,667	1,109		15		20,441	951	1,028		69,008
1969	32,107		18,006	51,593	1,480		21		18,826	358	1,365		75,157
1970	24,376		15,372	40,704	956		23		4,416	822	354		67,358
1971	53,198		11,035	65,495	1,262		24		22,496	1,175	1,587		92,548
1972	60,762		12,649	74,333	922		25		3,750	637	3,558		105,903
1973	69,811		16,059	87,792	1,922		35		2,236	72	1,270		107,057
1974	73,576		13,053	87,918	1,289		40		4,777	739	1,207		114,858
1975	52,157		10,060	62,785	568		28		3,243	1,243	101		86,326
1976	85,336		15,896	103,696	2,464		37		2,700	766	252		123,765
1977	31,934		15,737	49,398	1,727		561		1,497	619	53		62,140
1978	59,877		13,061	80,176	7,238		53		950	756	23		97,658
1979	44,662		14,249	63,047	4,136		81		303	76	289		70,051
1980	44,000		15,000	-	-		-		382	174	212		-
1981	-		-	-	-		-		7,599	174	-		-
									12,303	-	-		-

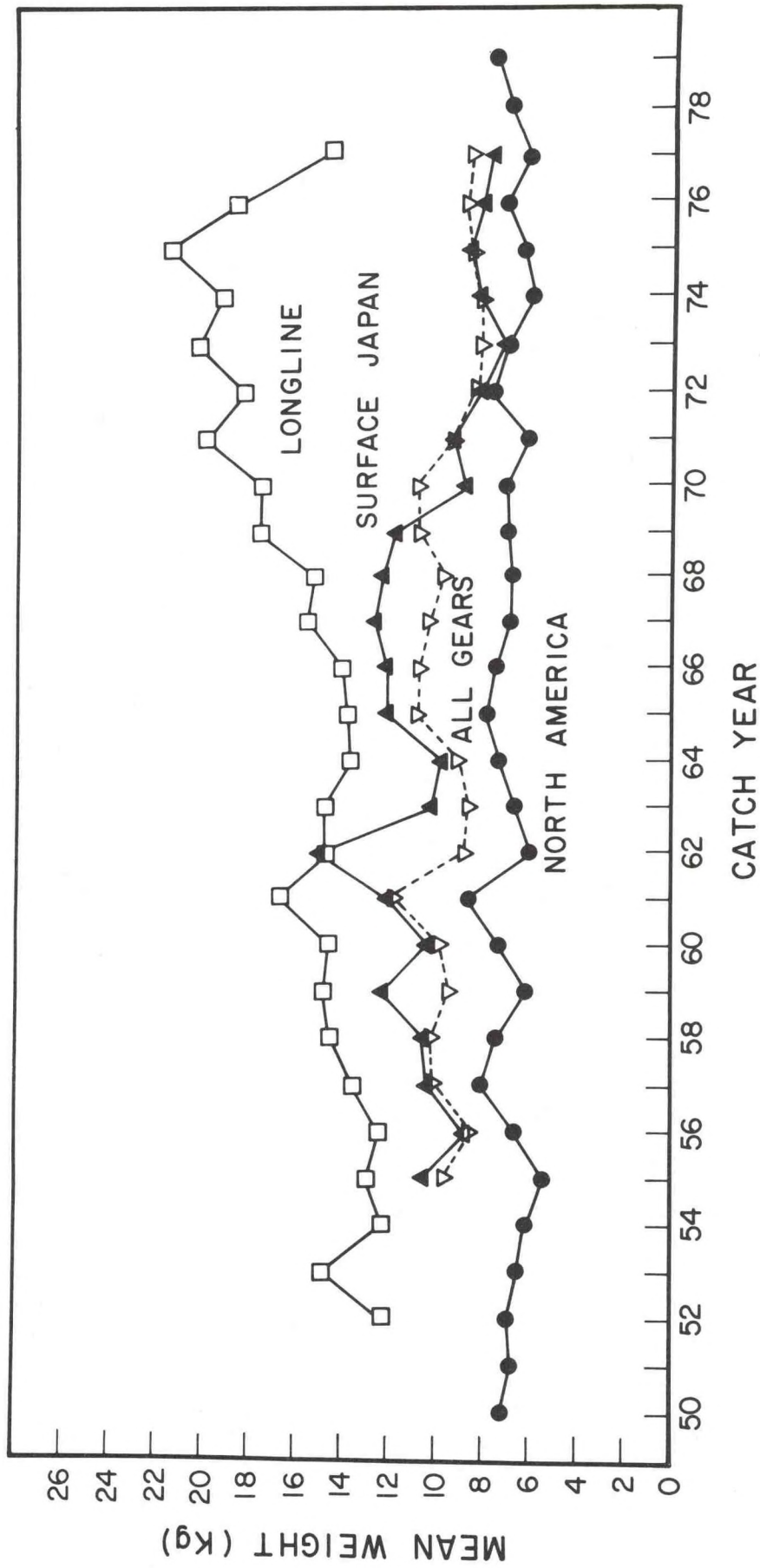
Remarks:

- Figures for 1979-81 are preliminary.
- Japanese longline catches for 1952-60 exclude minor amounts taken by vessels under 20 gross tons. Longline catches in weight are estimated by multiplying annual number of fish caught by average weight statistics.
- Japanese pole-and-line catches include catches by research vessels.
- United States jigboat catches include minor amounts taken by baitboats not submitting logbooks.
- Jigboat catches for years 1952-60 include baitboat catches.
- United States sport catch is a minimum estimate based on partial coverage.
- Grand totals omit unknown but minor catches by longline and pole-and-line vessels of the Republic of Korea.



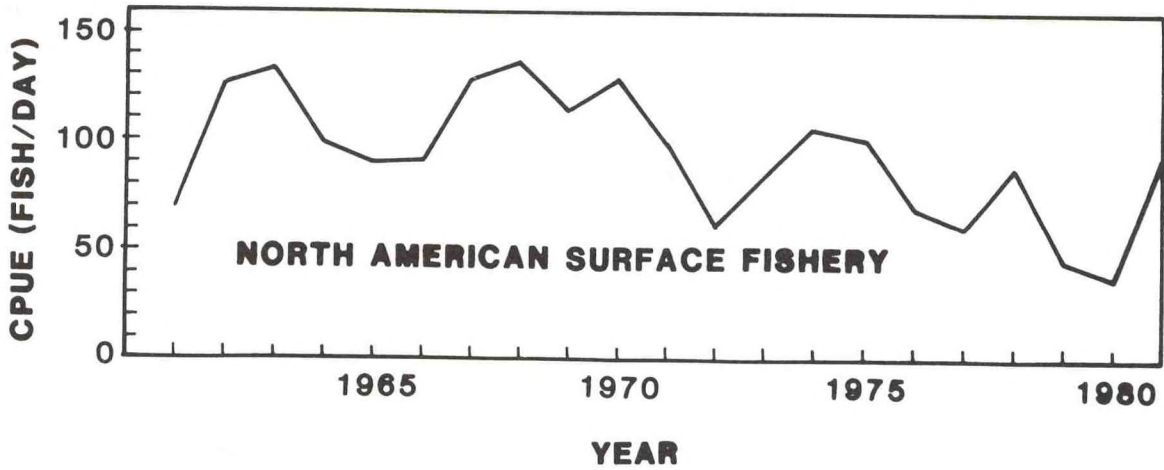
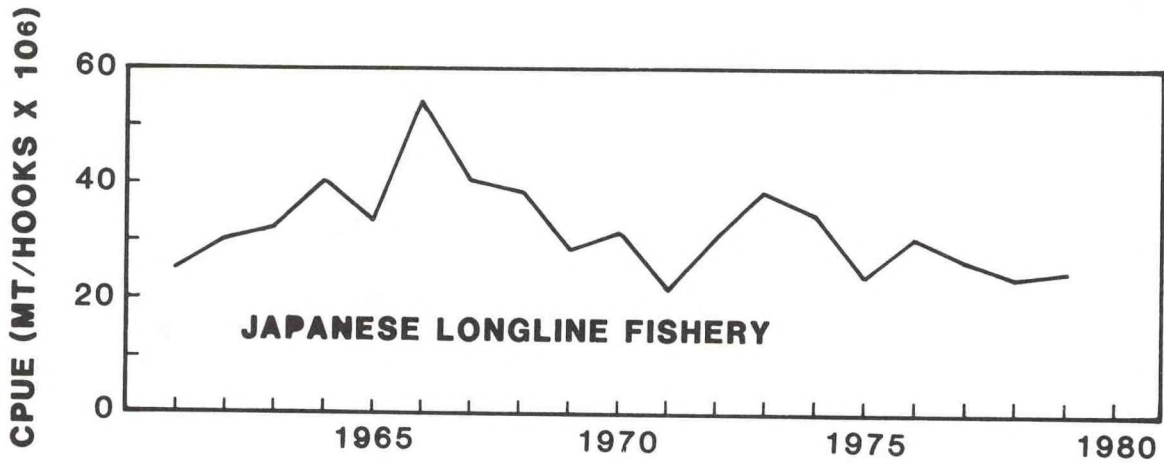
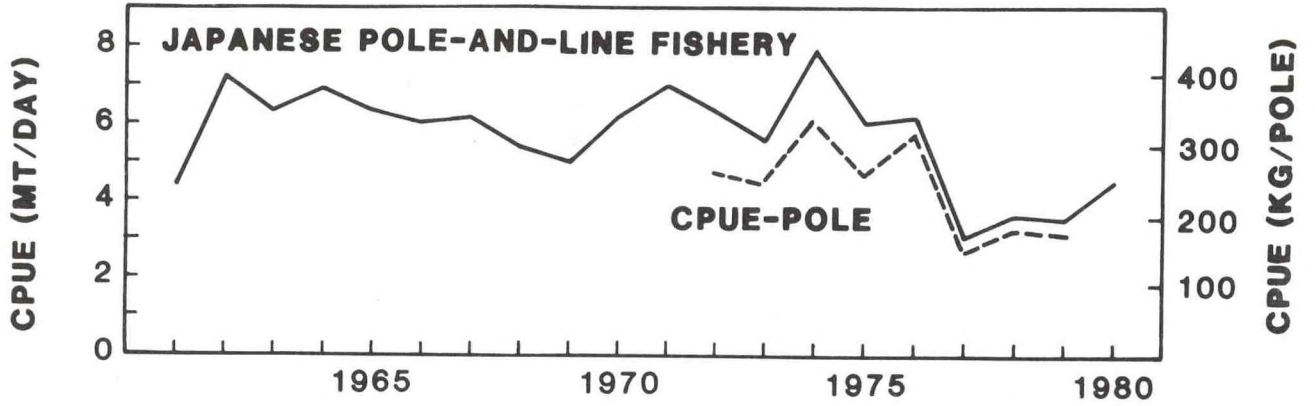


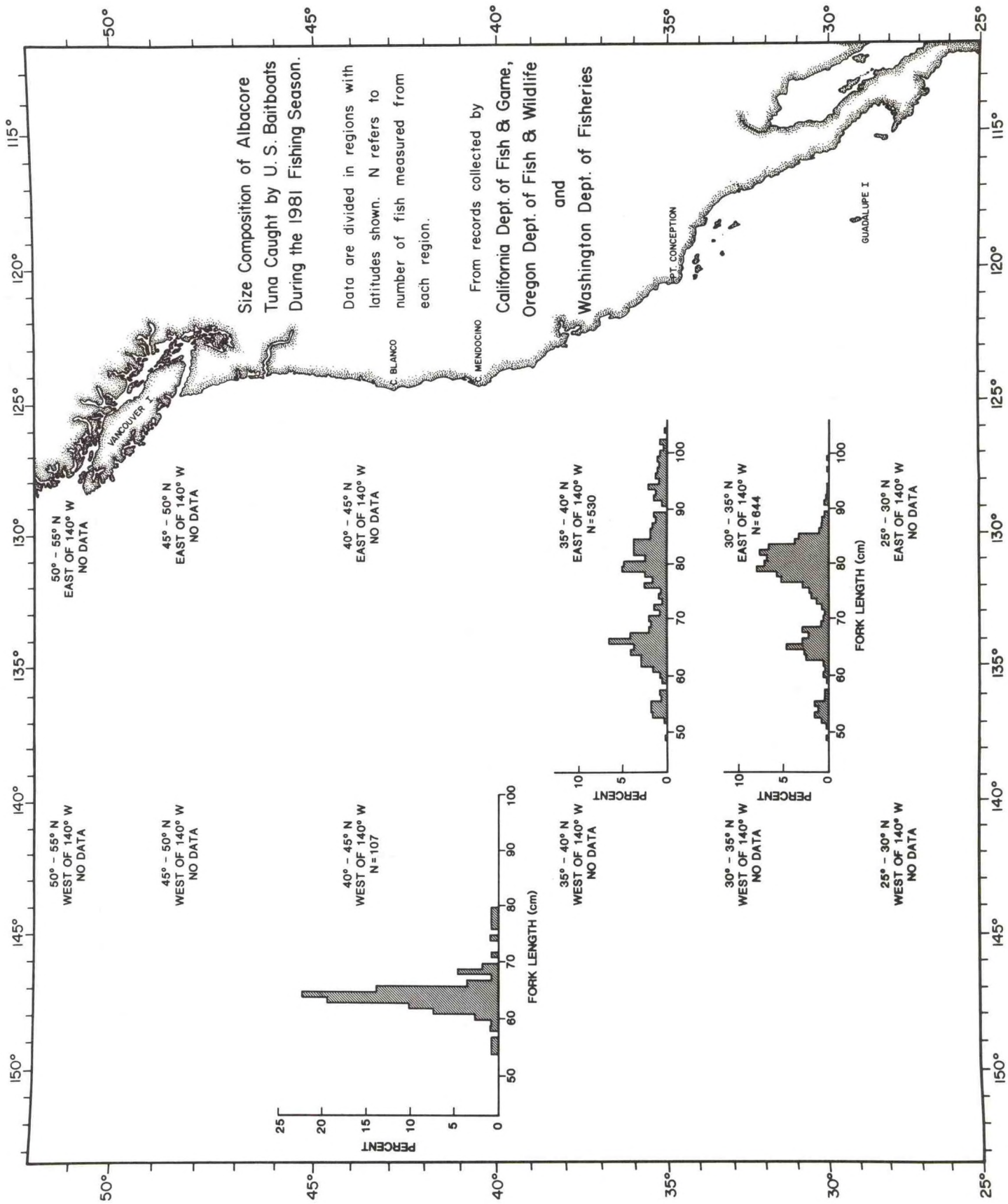
# MEAN WEIGHT OF FISH BY FISHERY

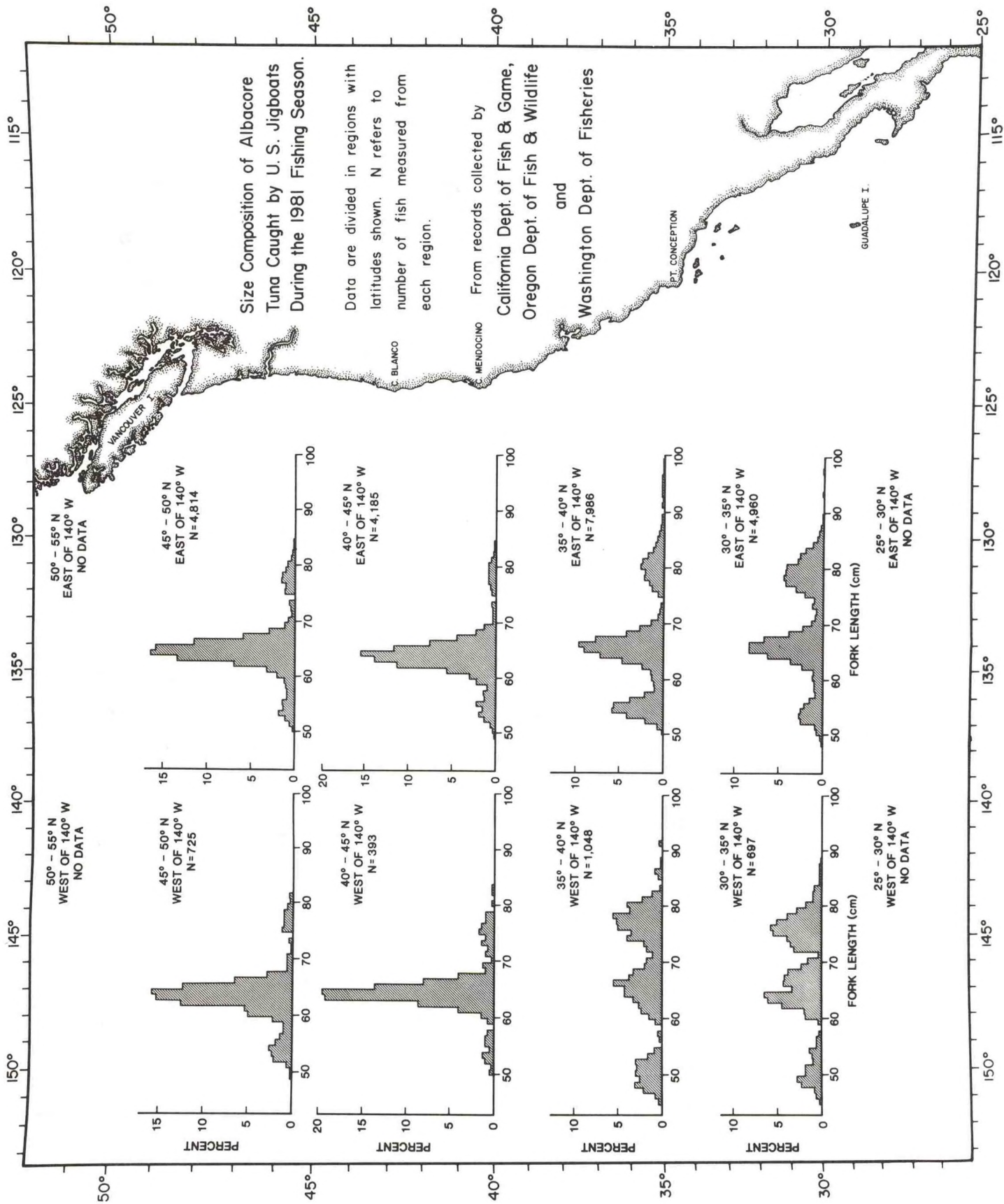


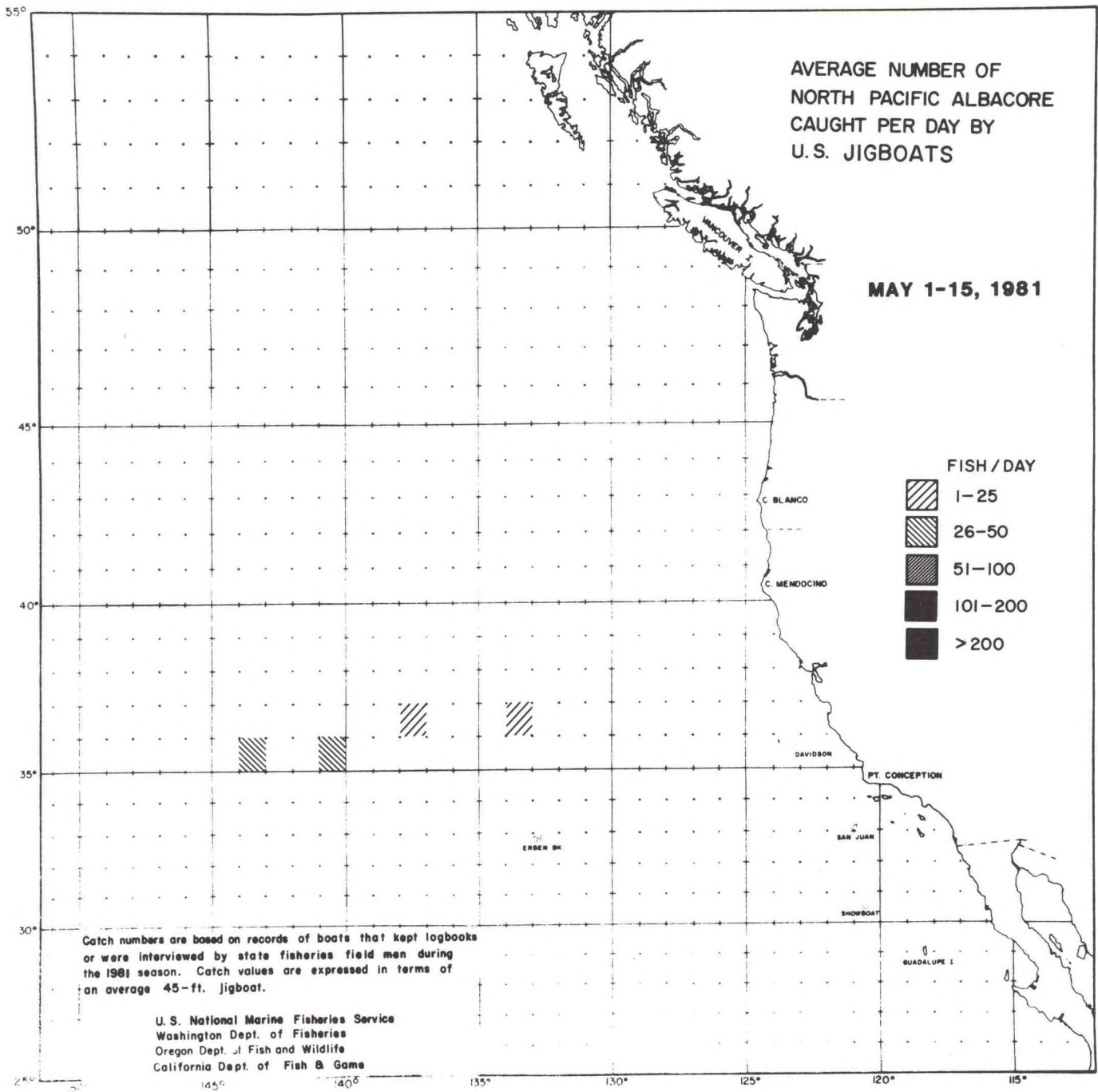


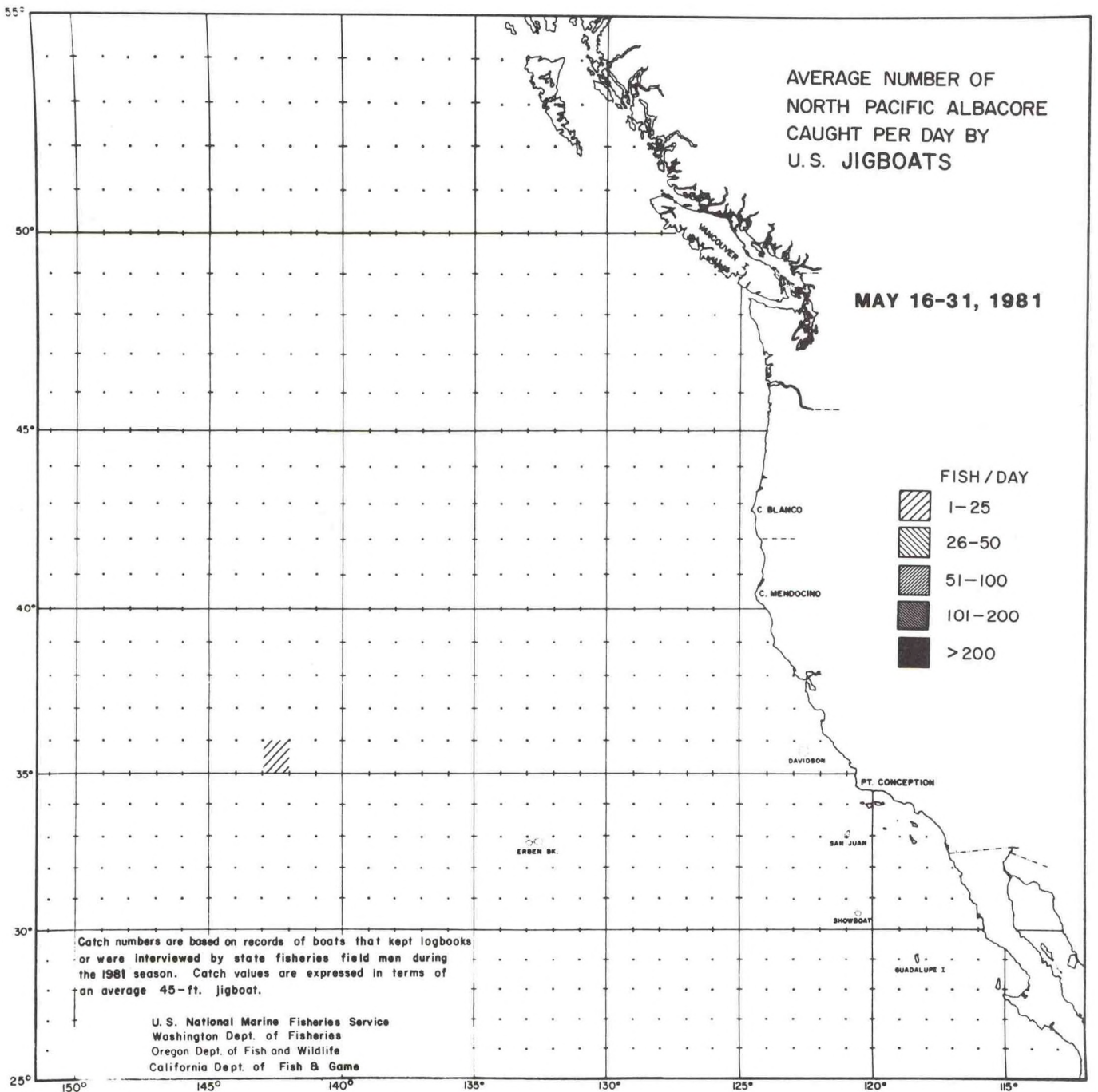
## CATCH-PER-UNIT-EFFORT (CPUE) BY FISHERY

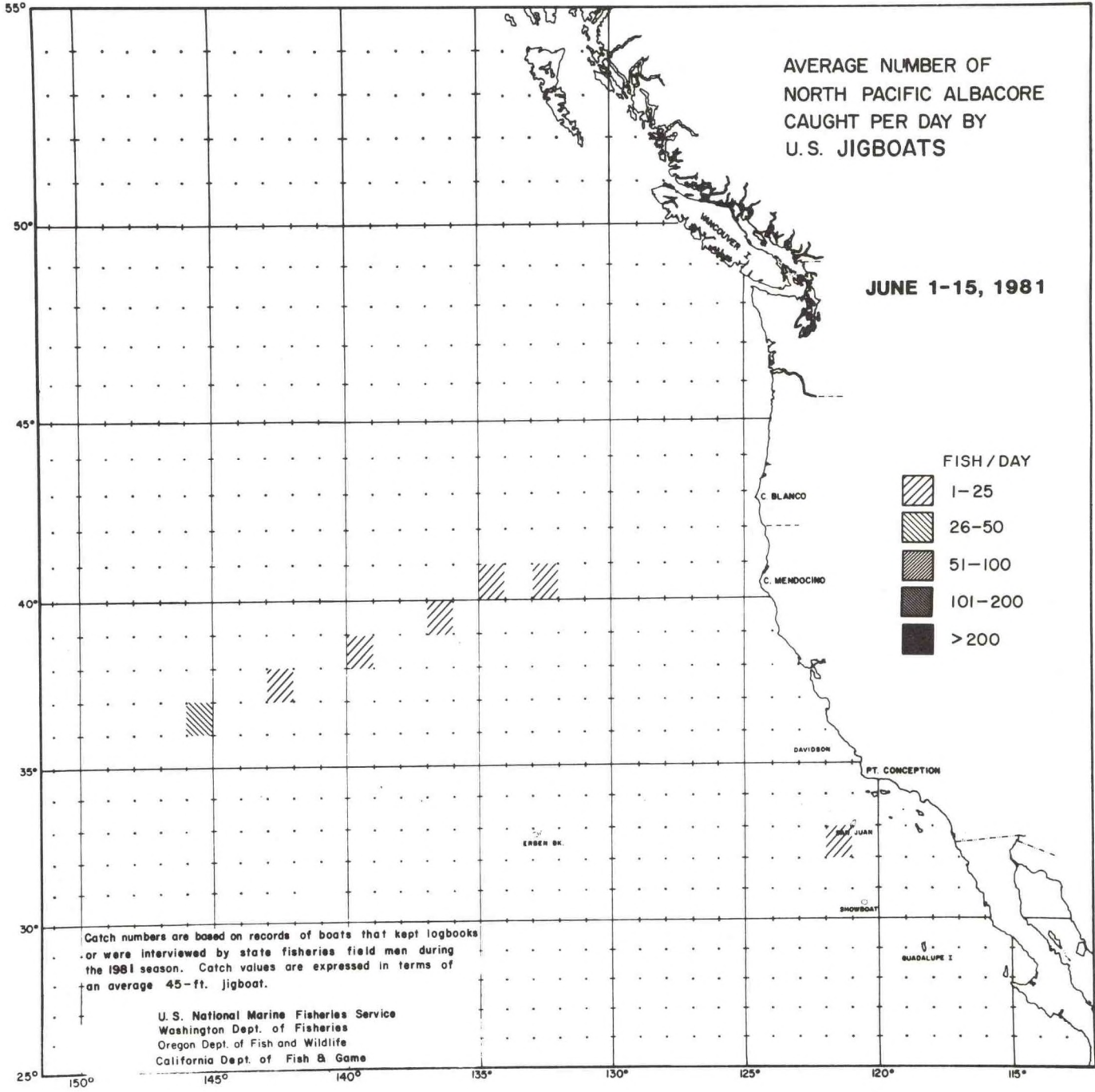


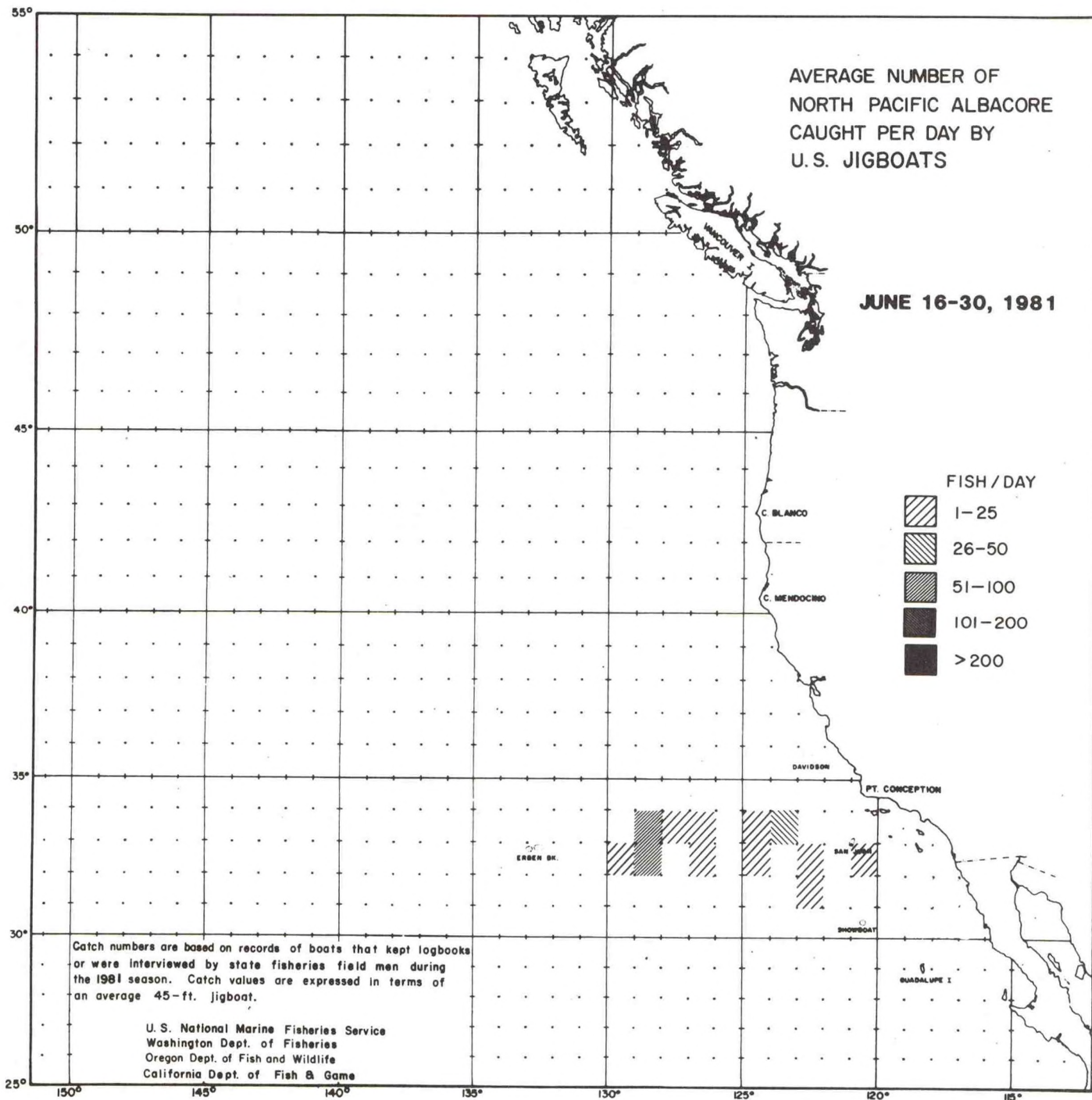






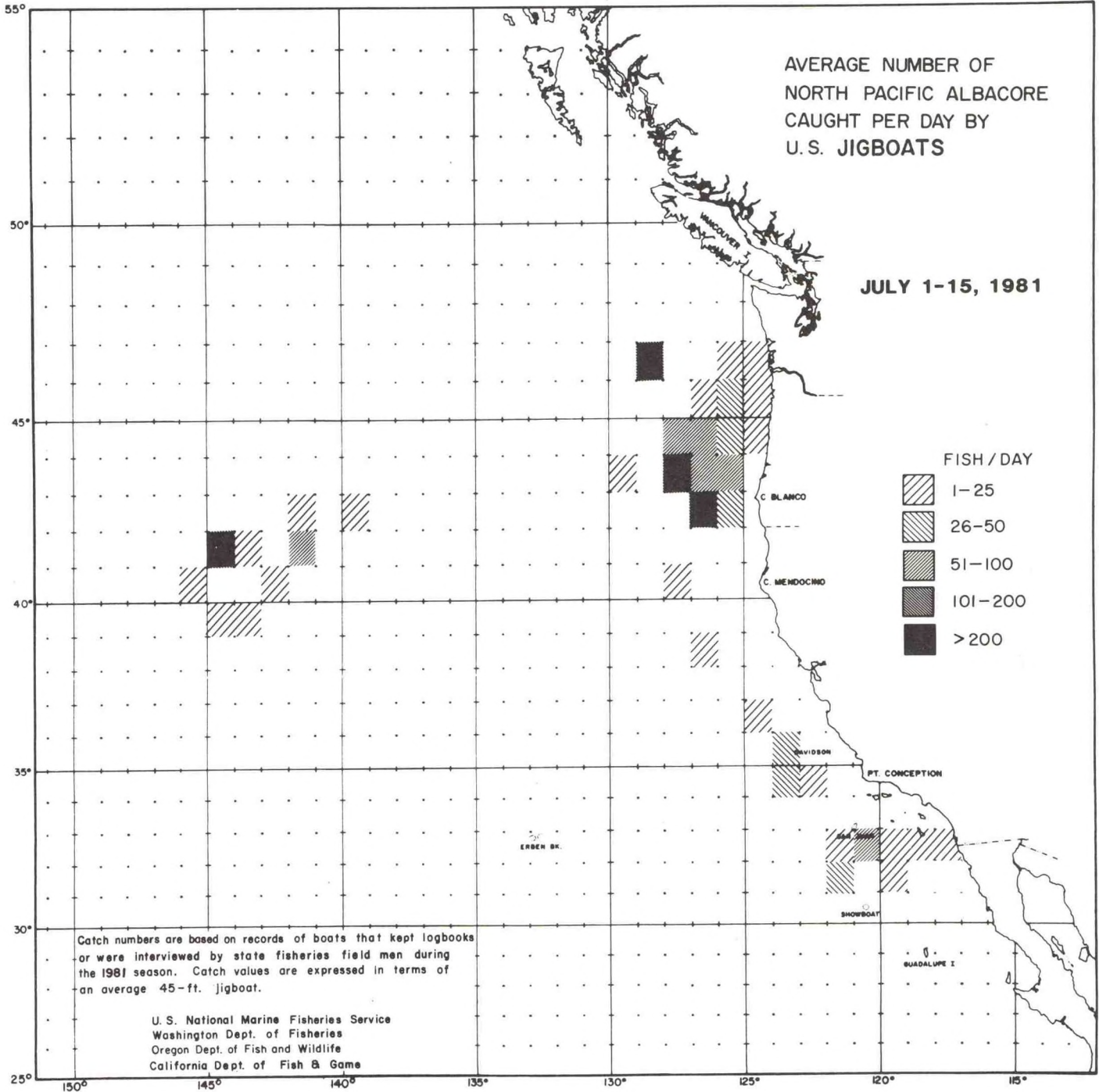




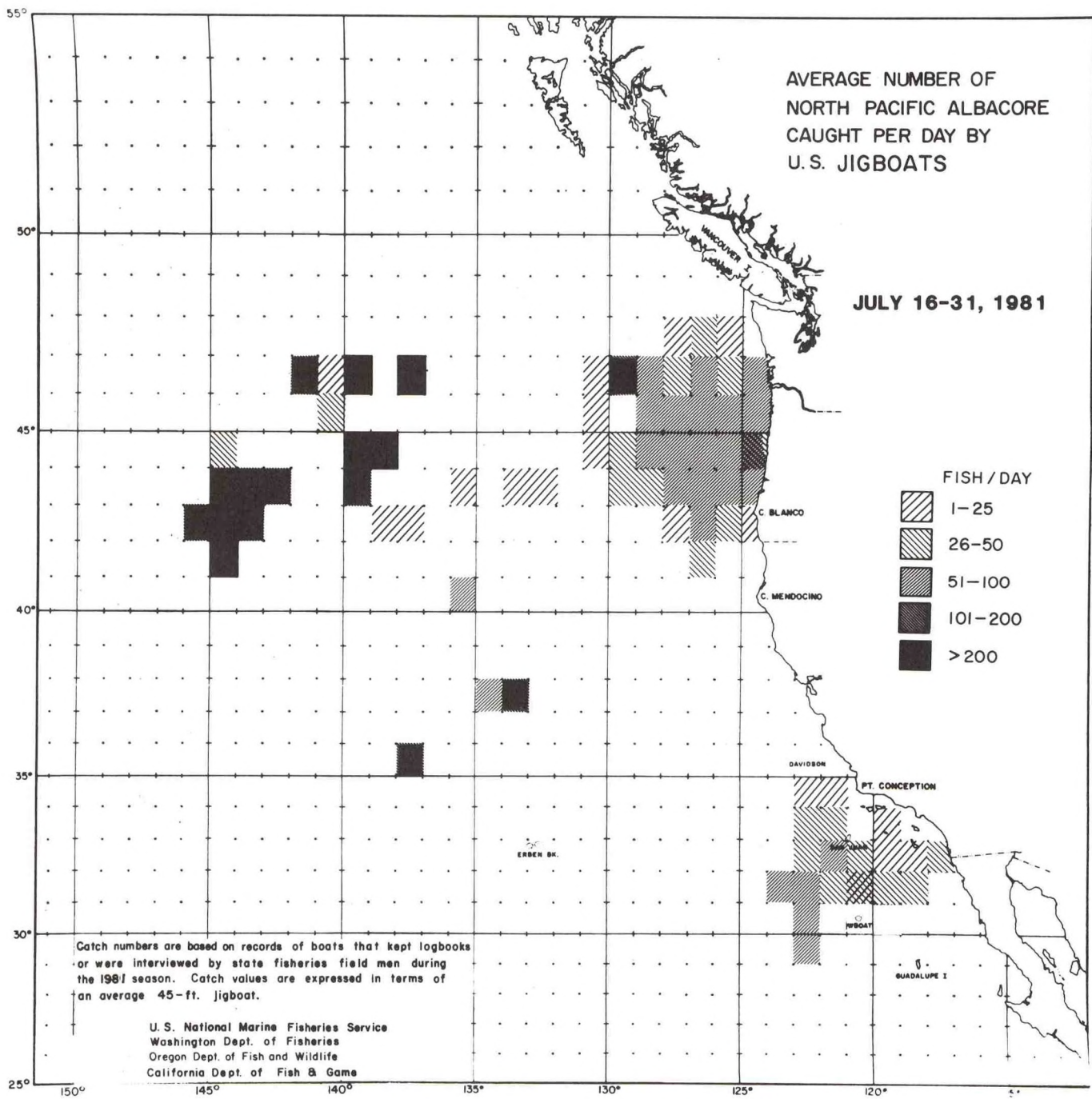


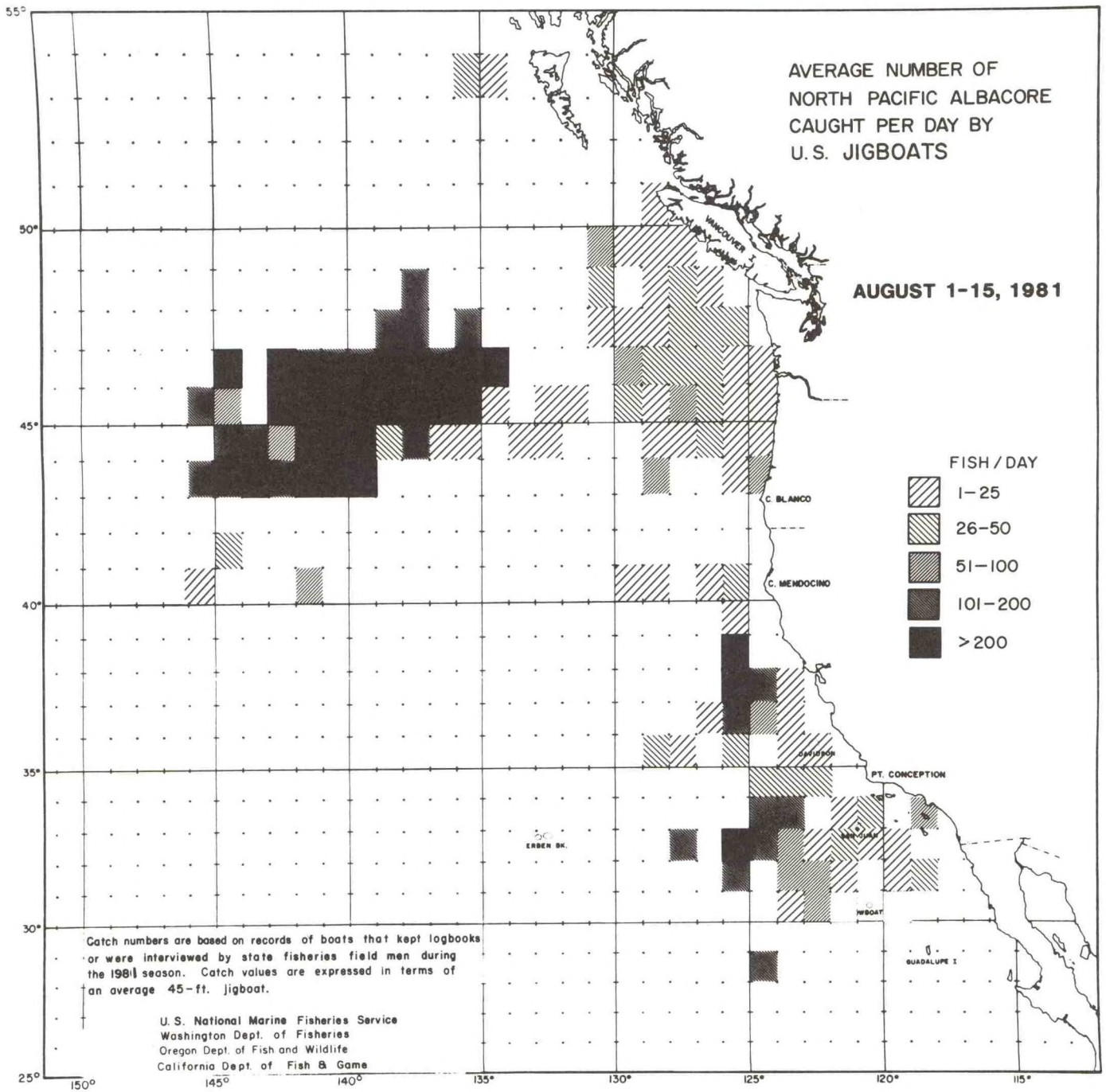
AVERAGE NUMBER OF  
NORTH PACIFIC ALBACORE  
CAUGHT PER DAY BY  
U.S. JIGBOATS

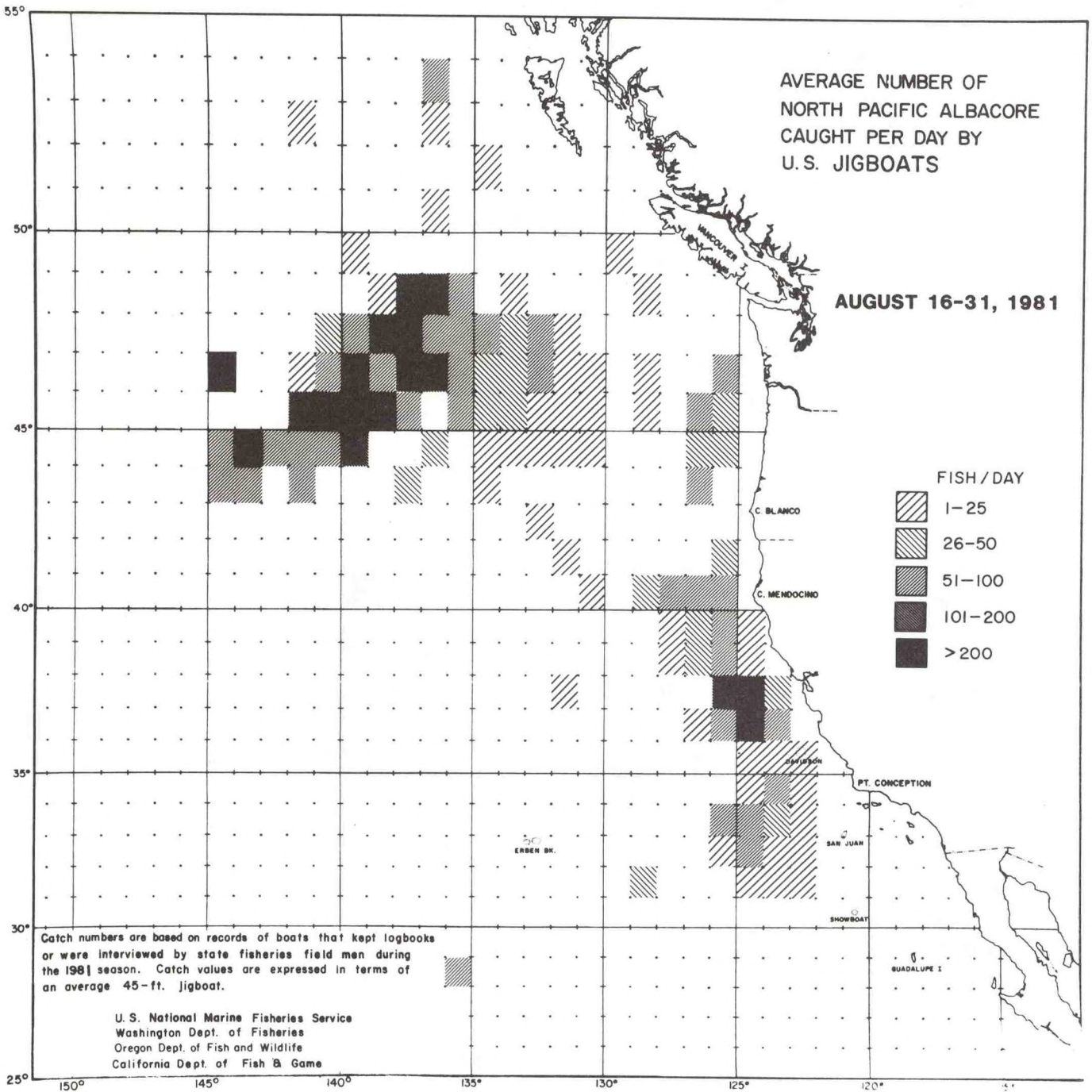
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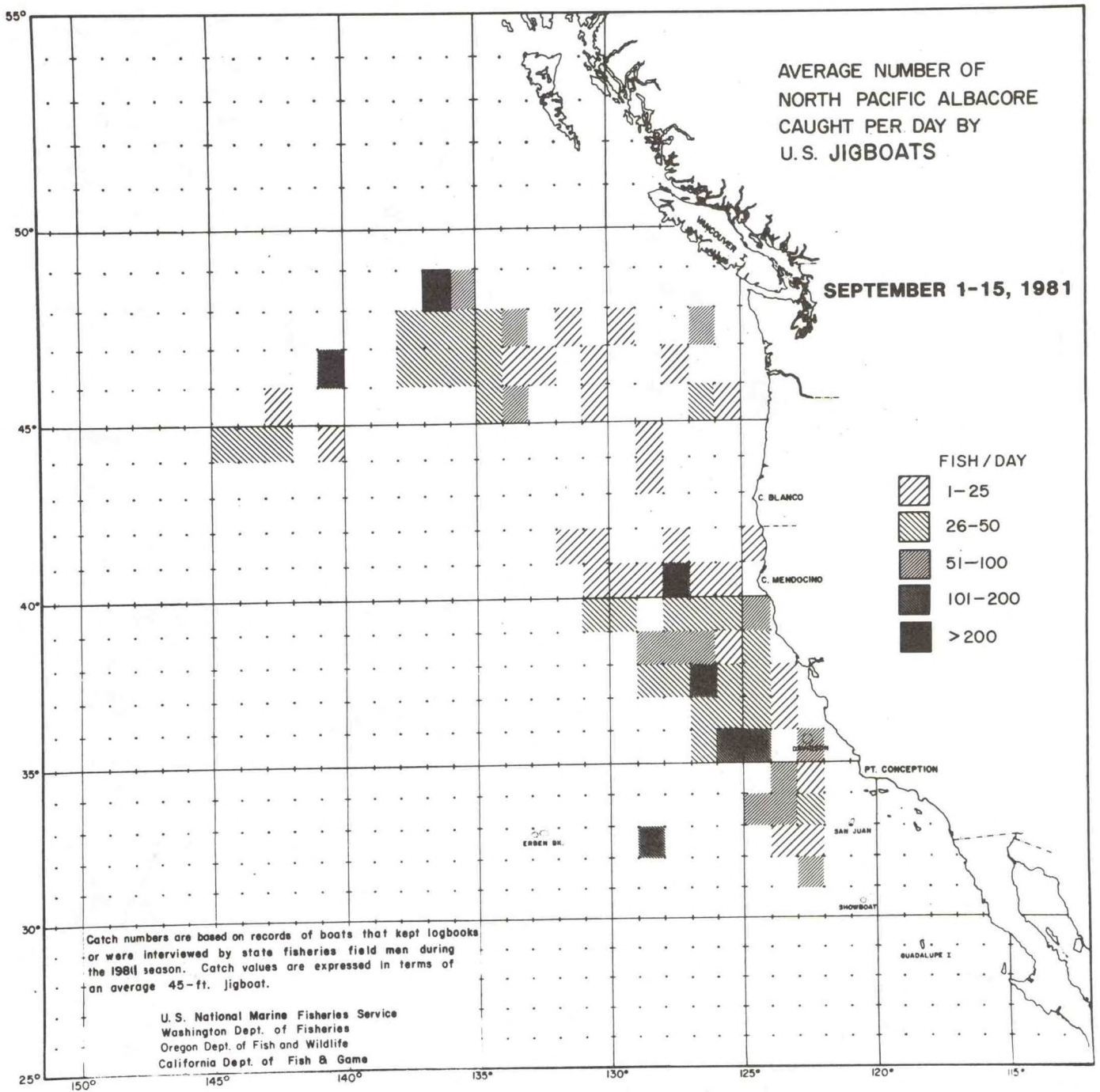


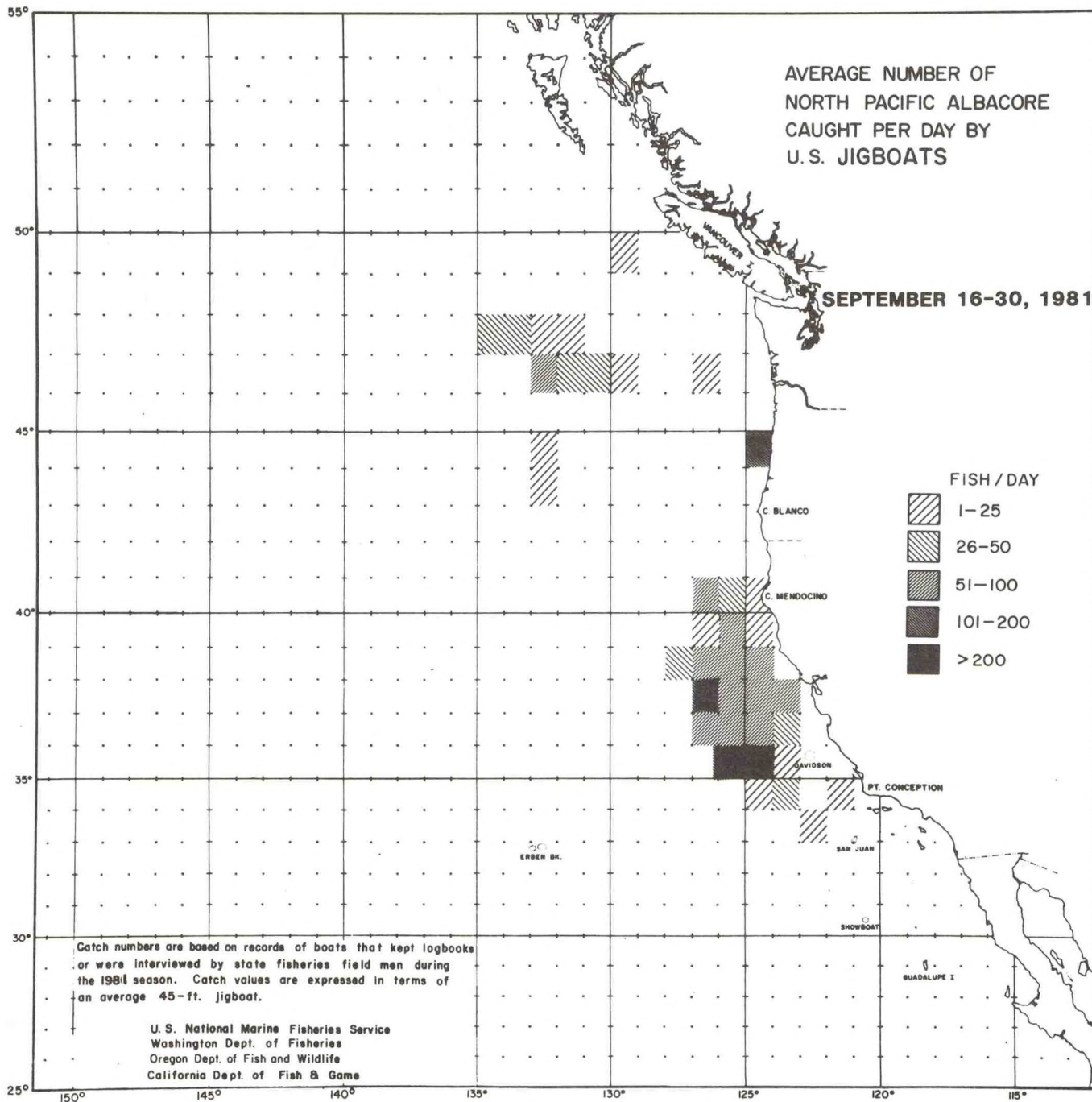


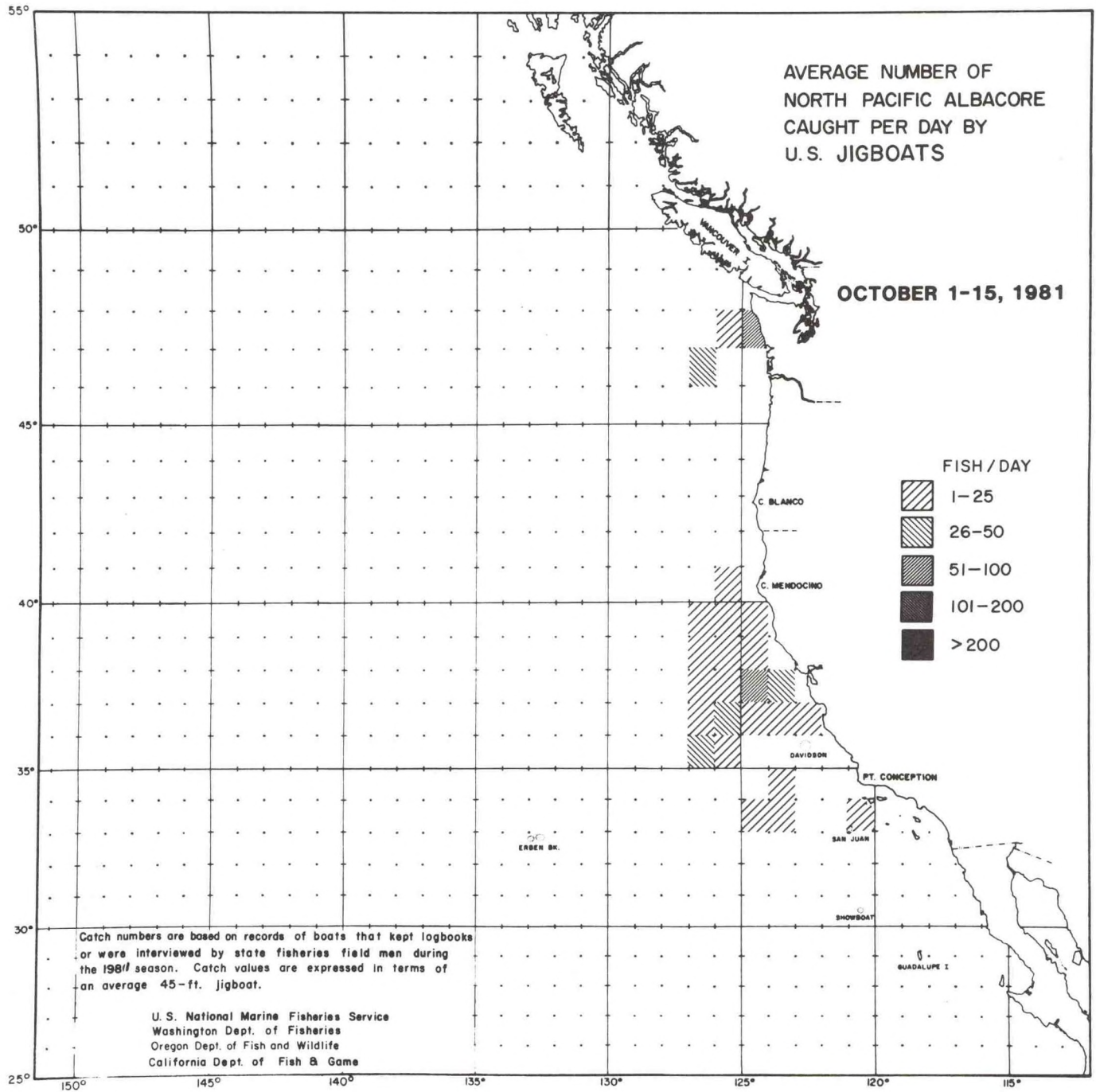


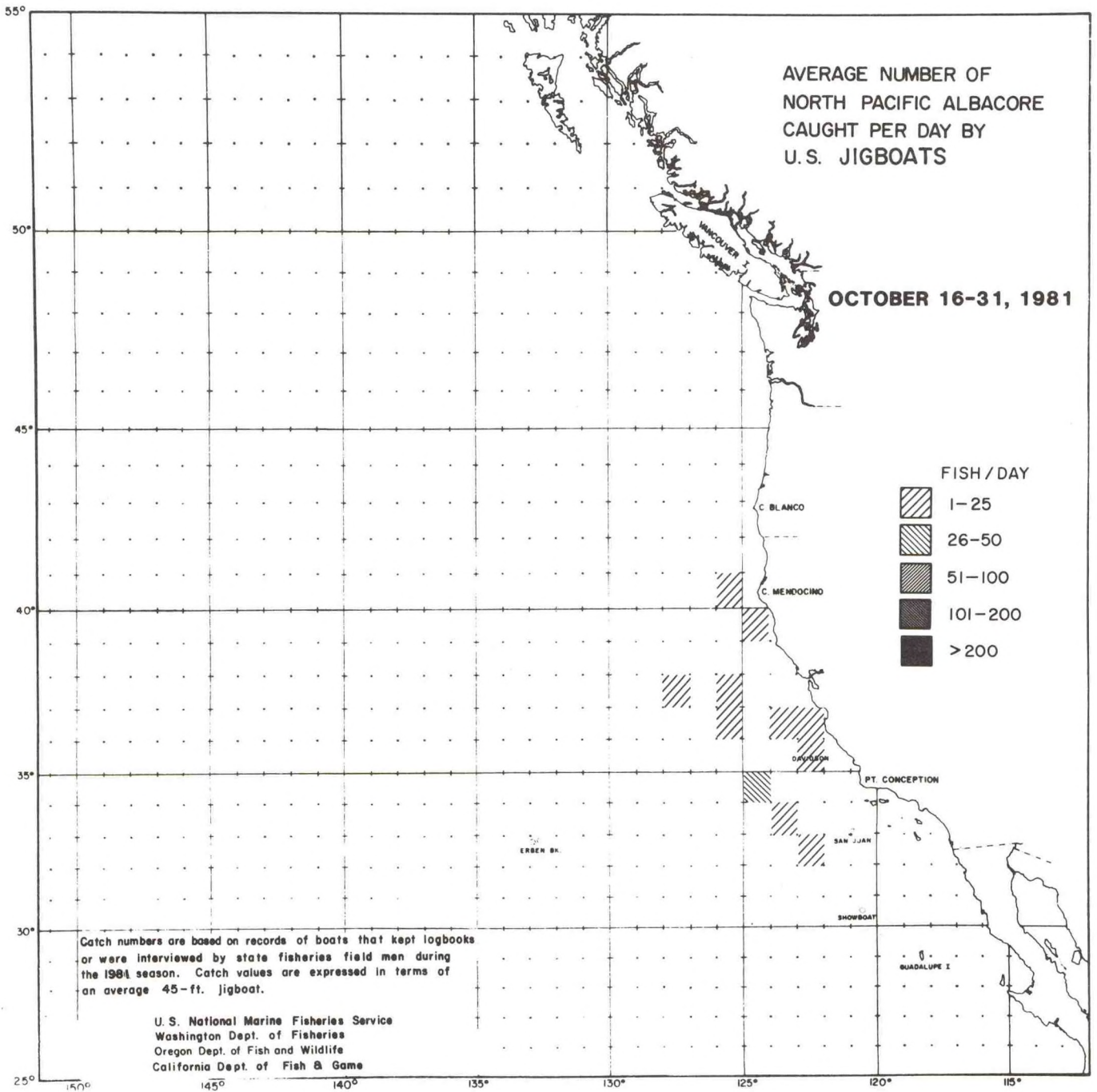


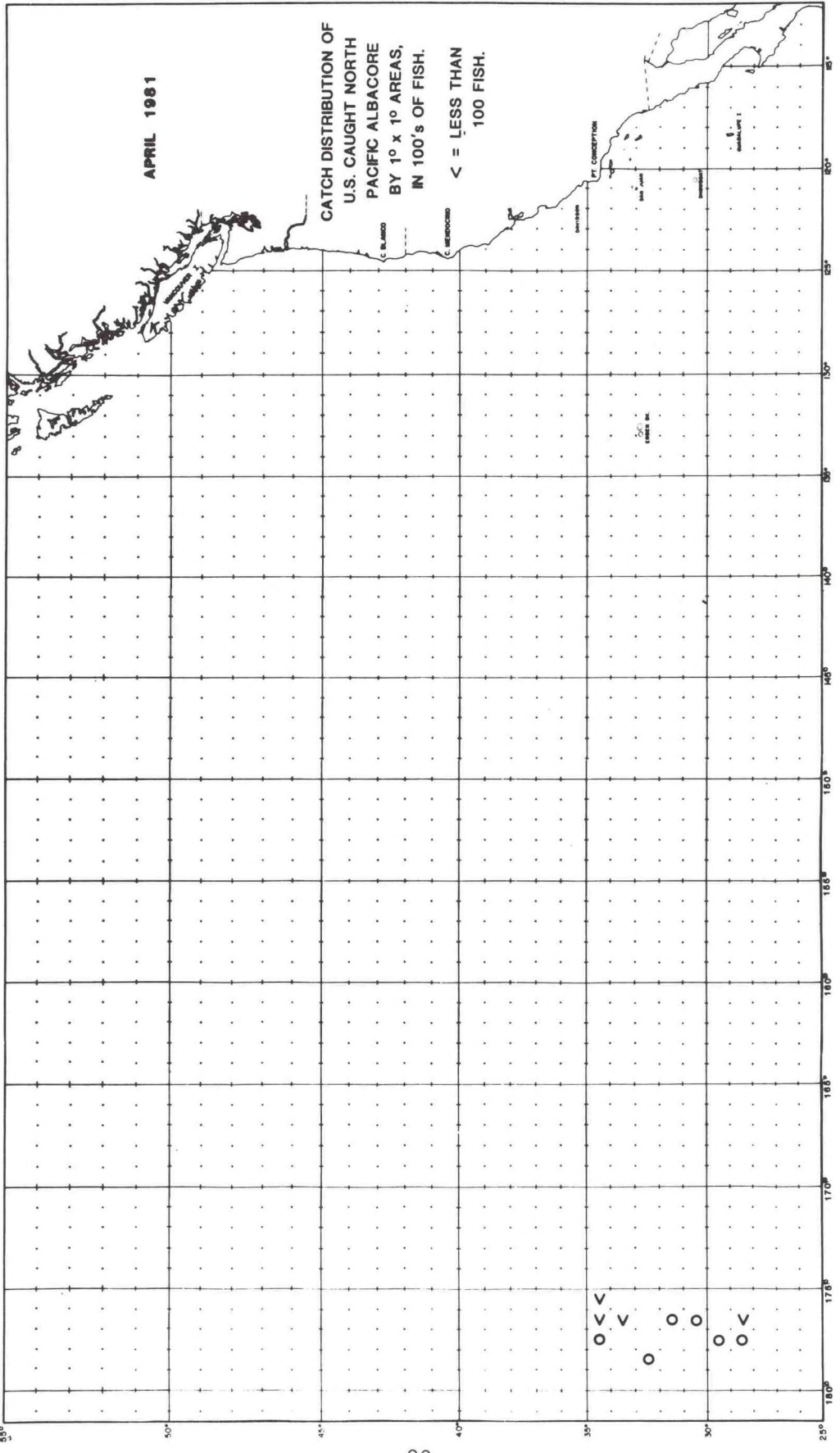






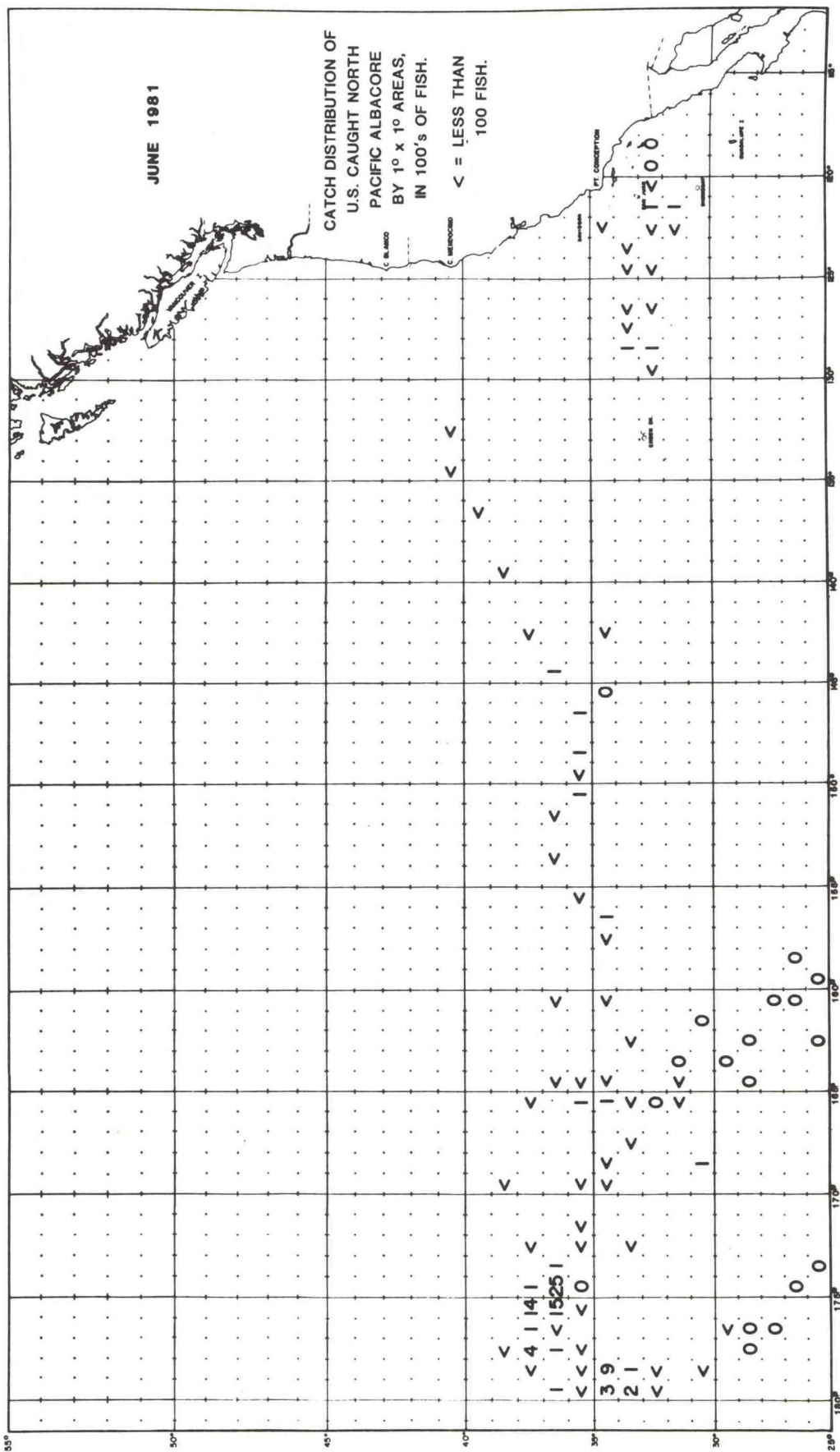


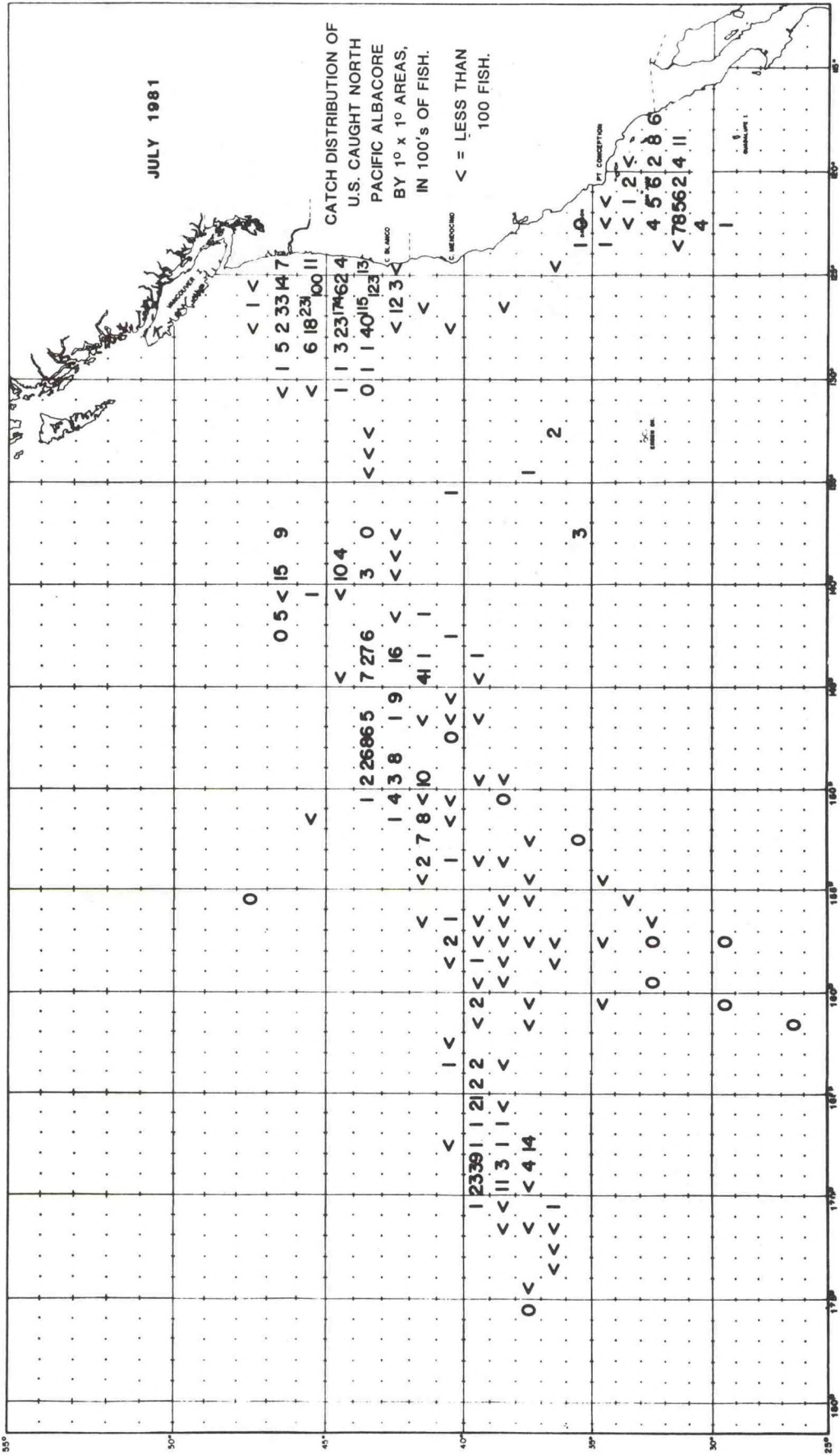


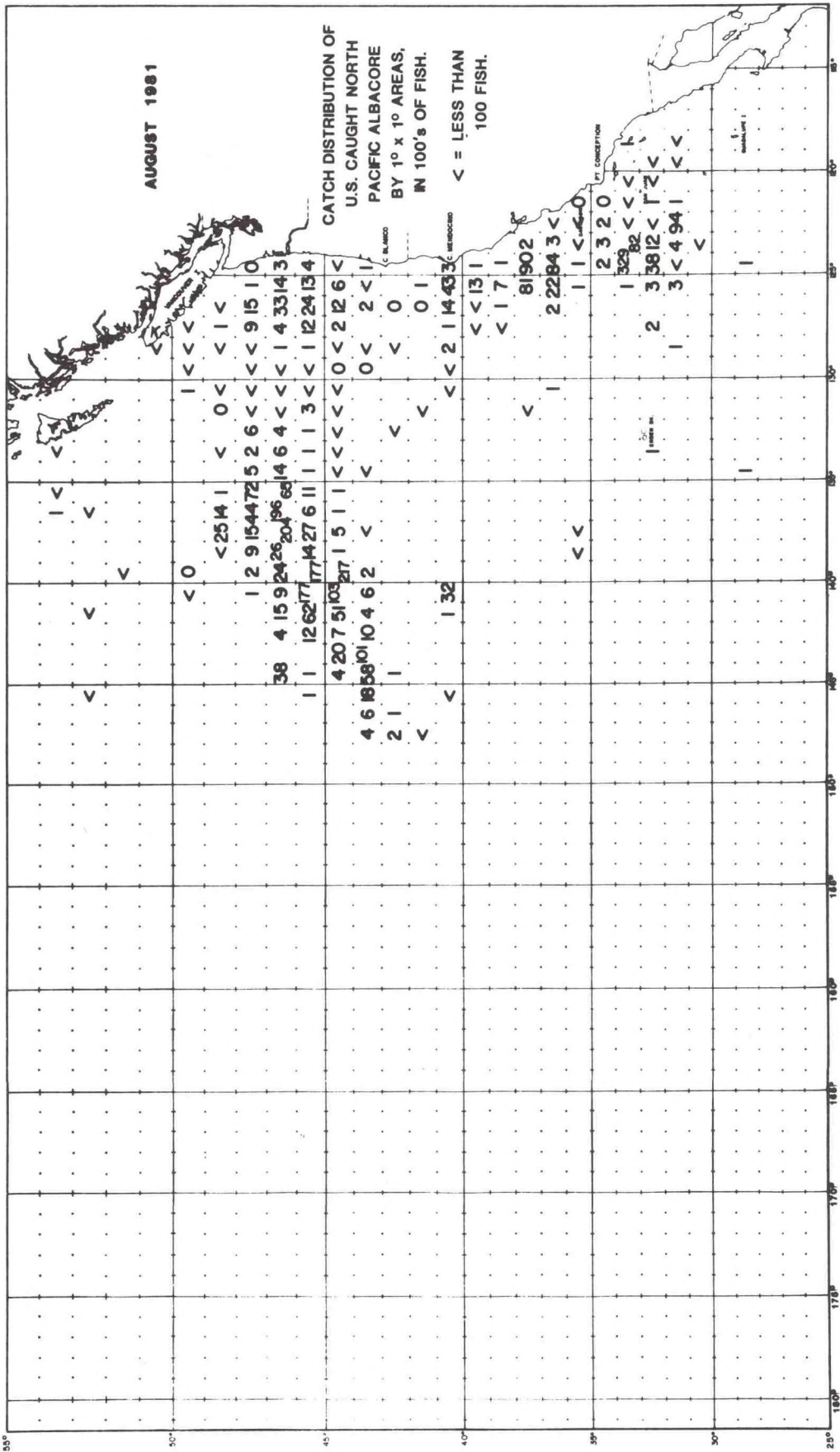


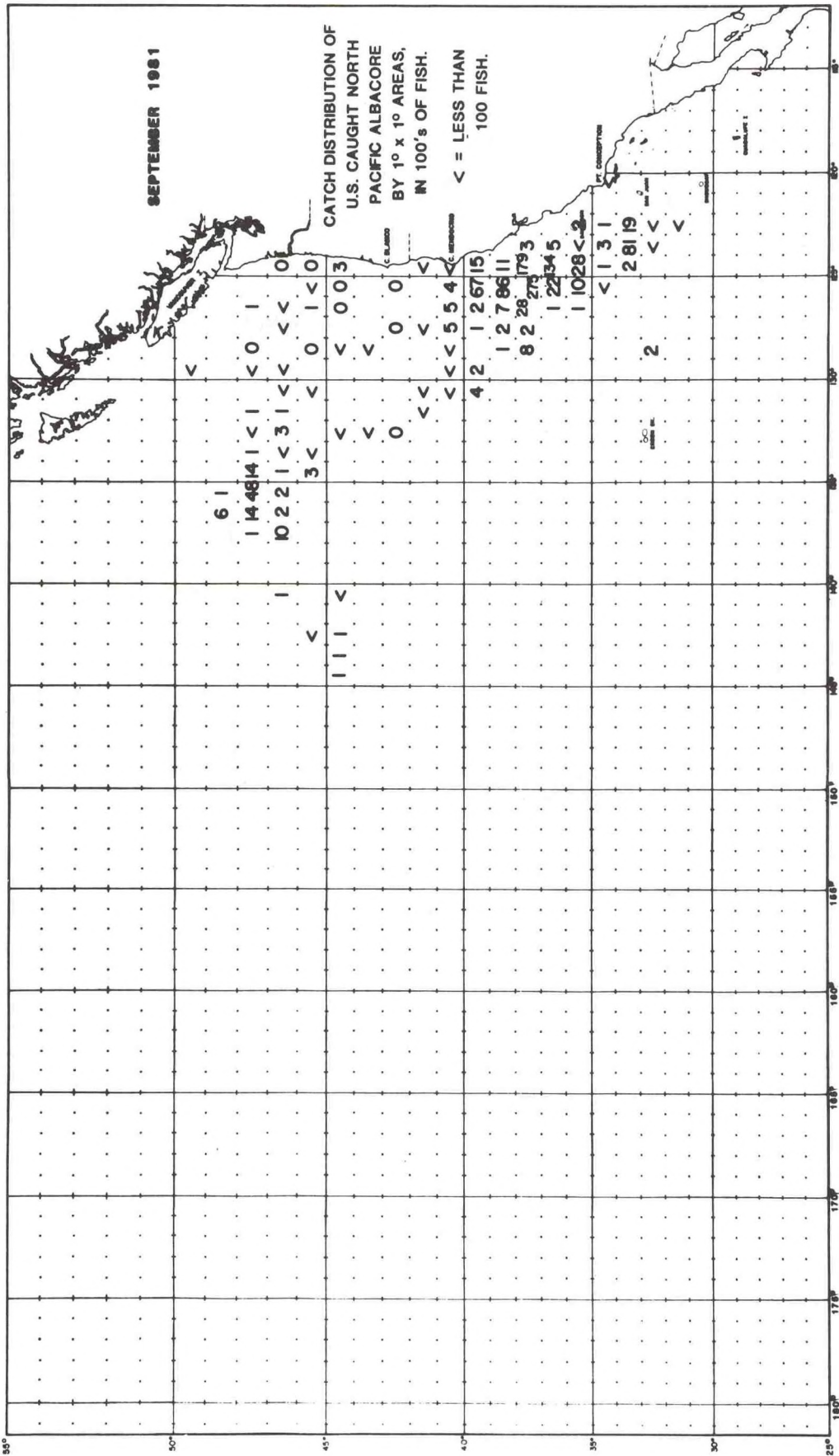






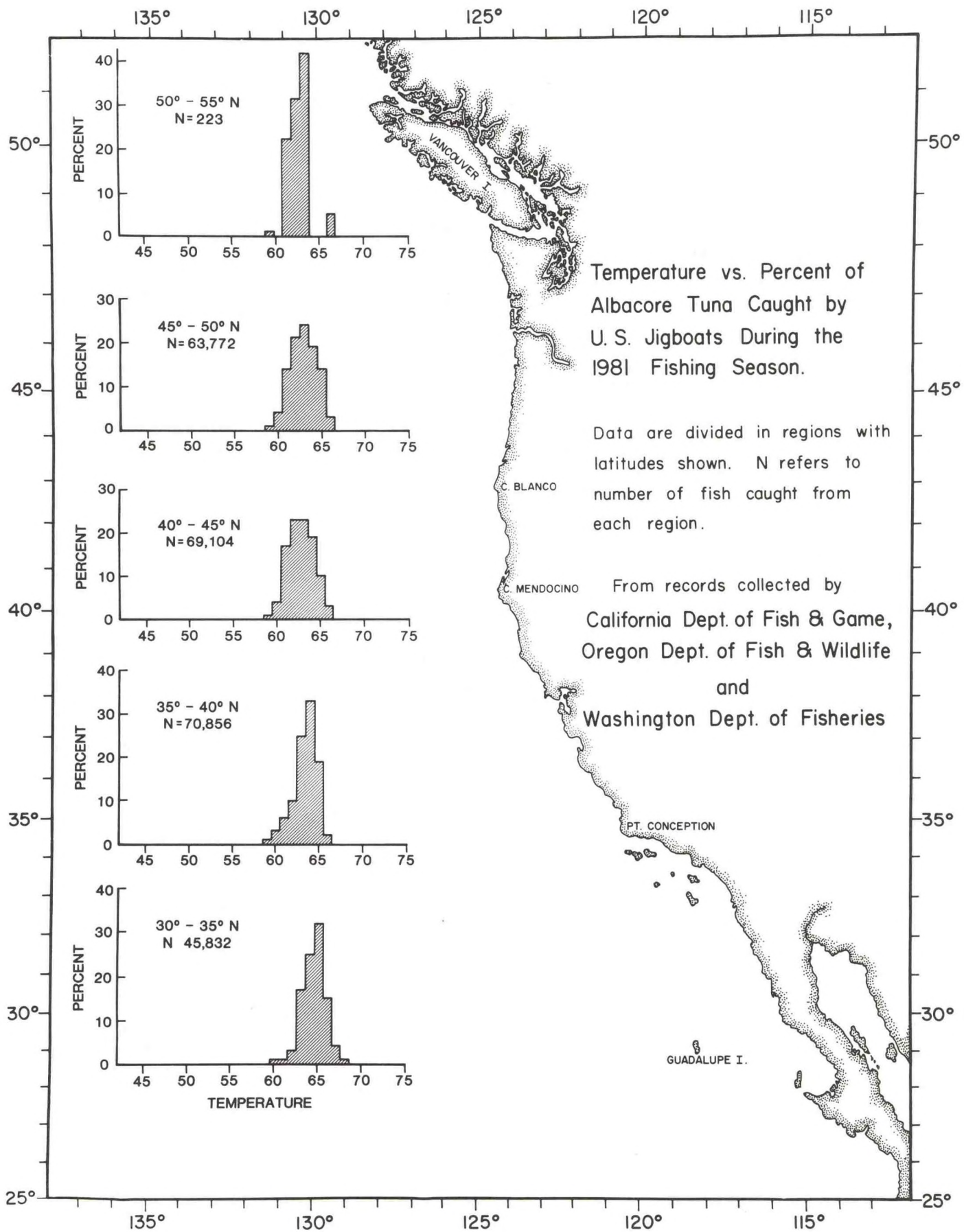






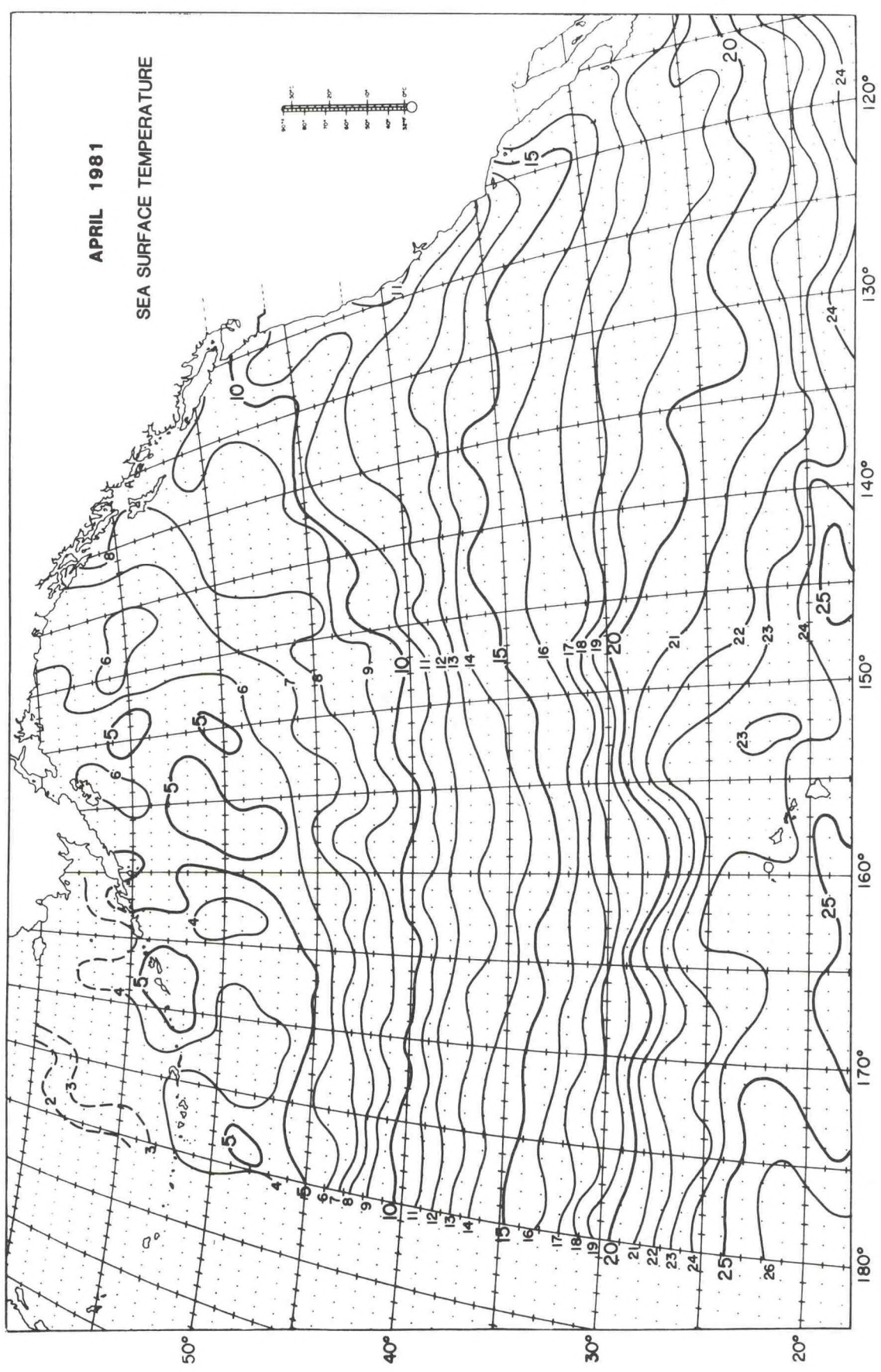


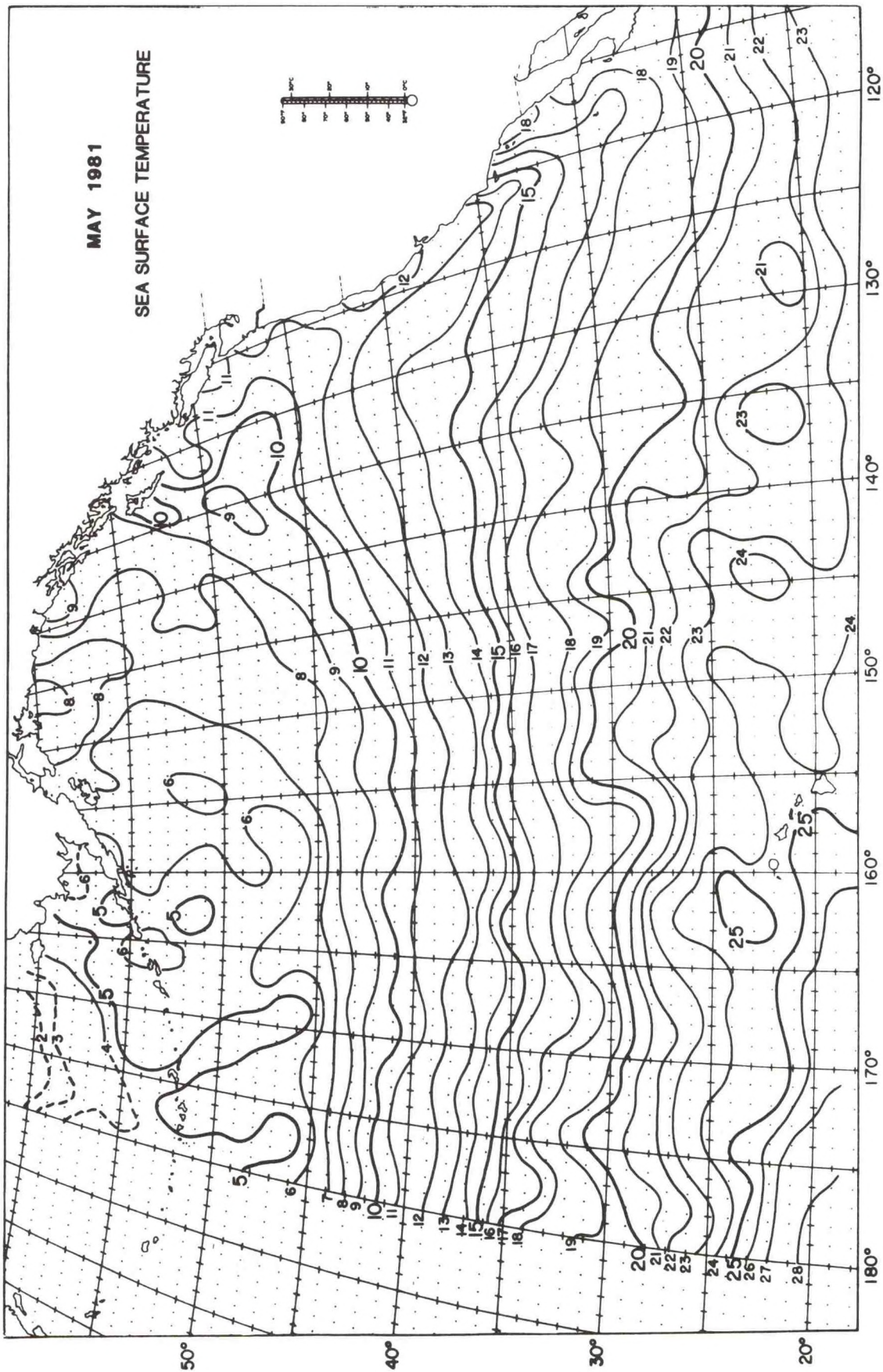




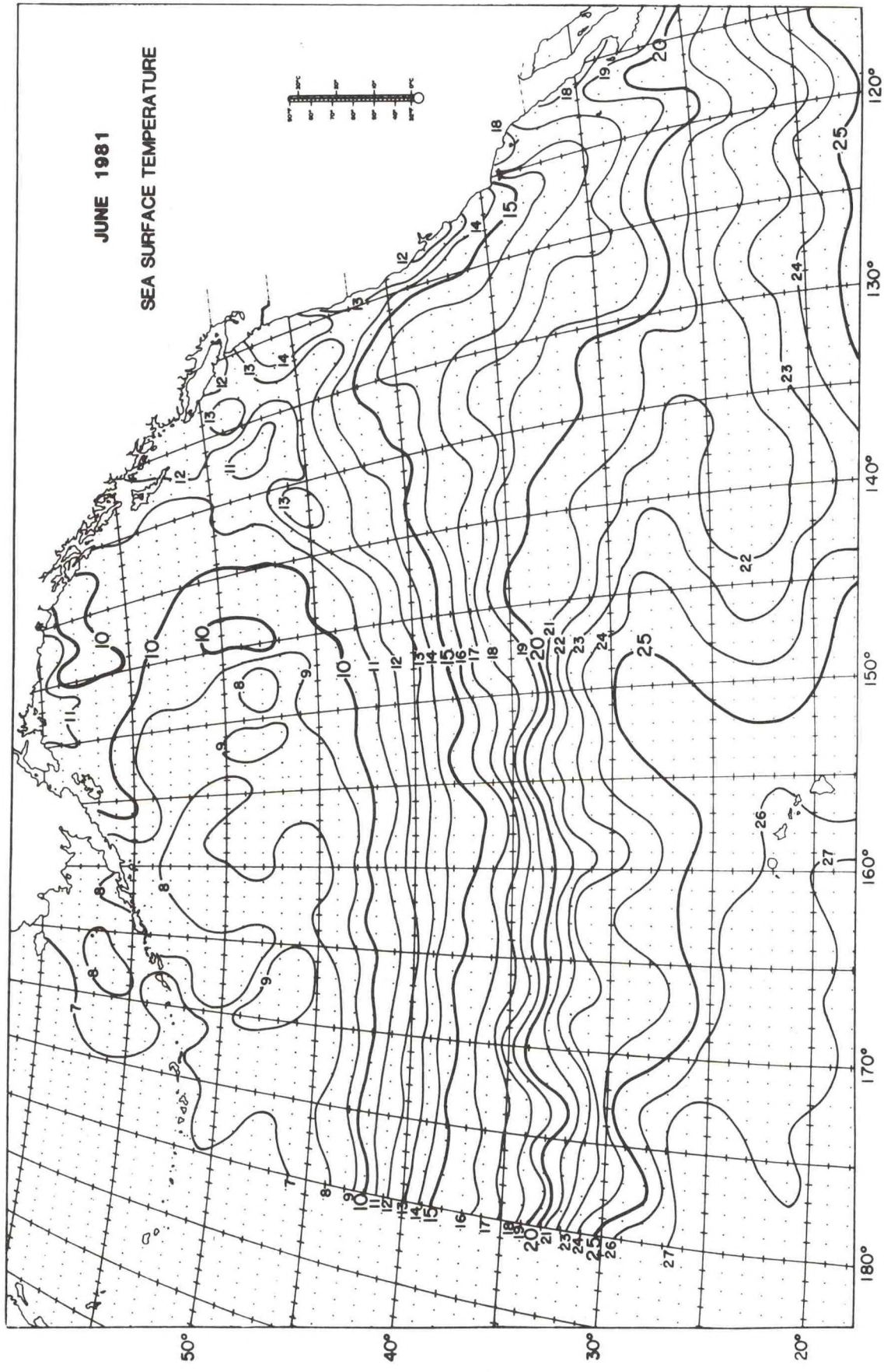


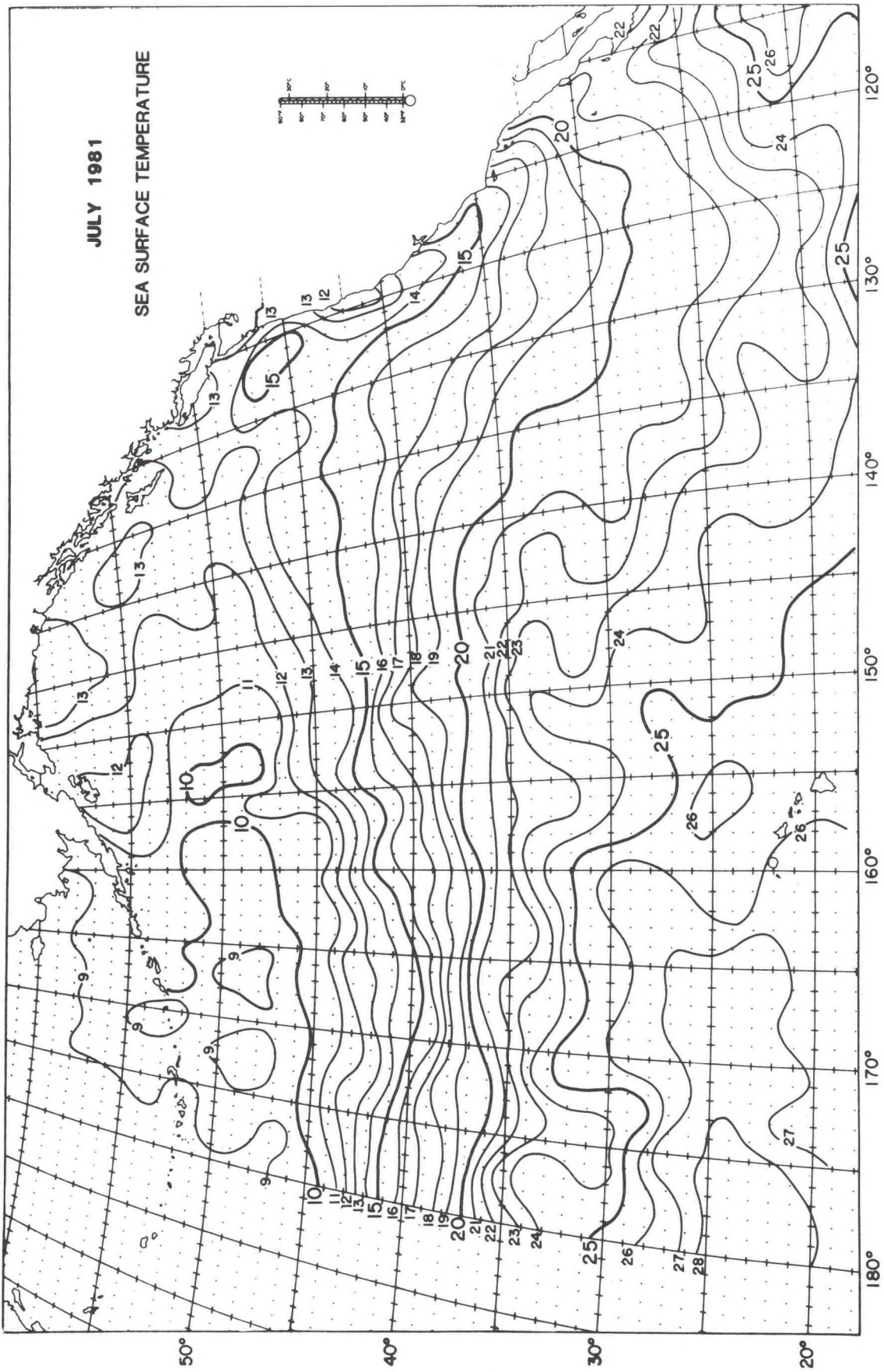
APRIL 1981  
SEA SURFACE TEMPERATURE



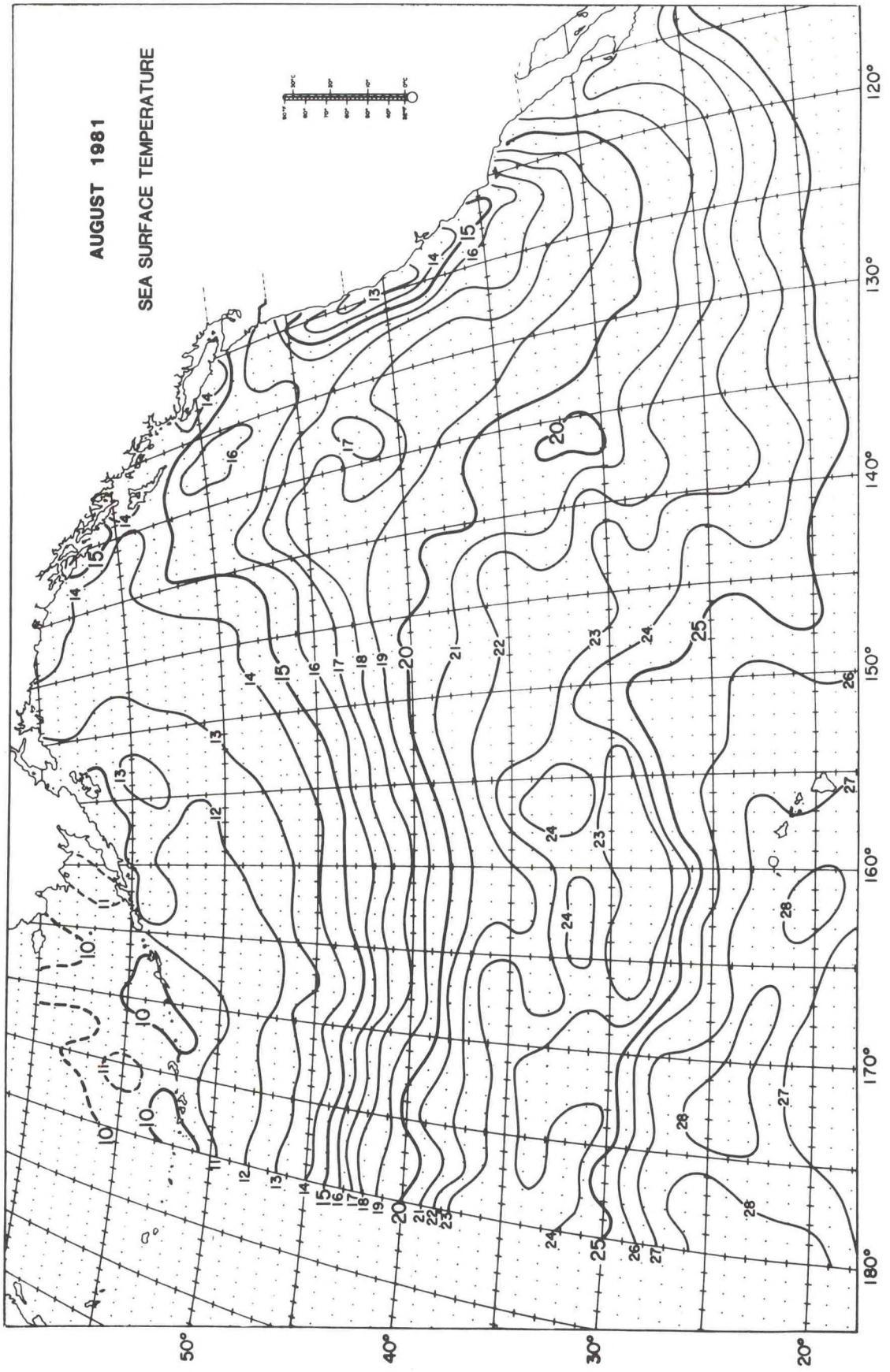


JUNE 1981  
SEA SURFACE TEMPERATURE





**AUGUST 1981**  
**SEA SURFACE TEMPERATURE**



SEPTEMBER 1981  
SEA SURFACE TEMPERATURE

