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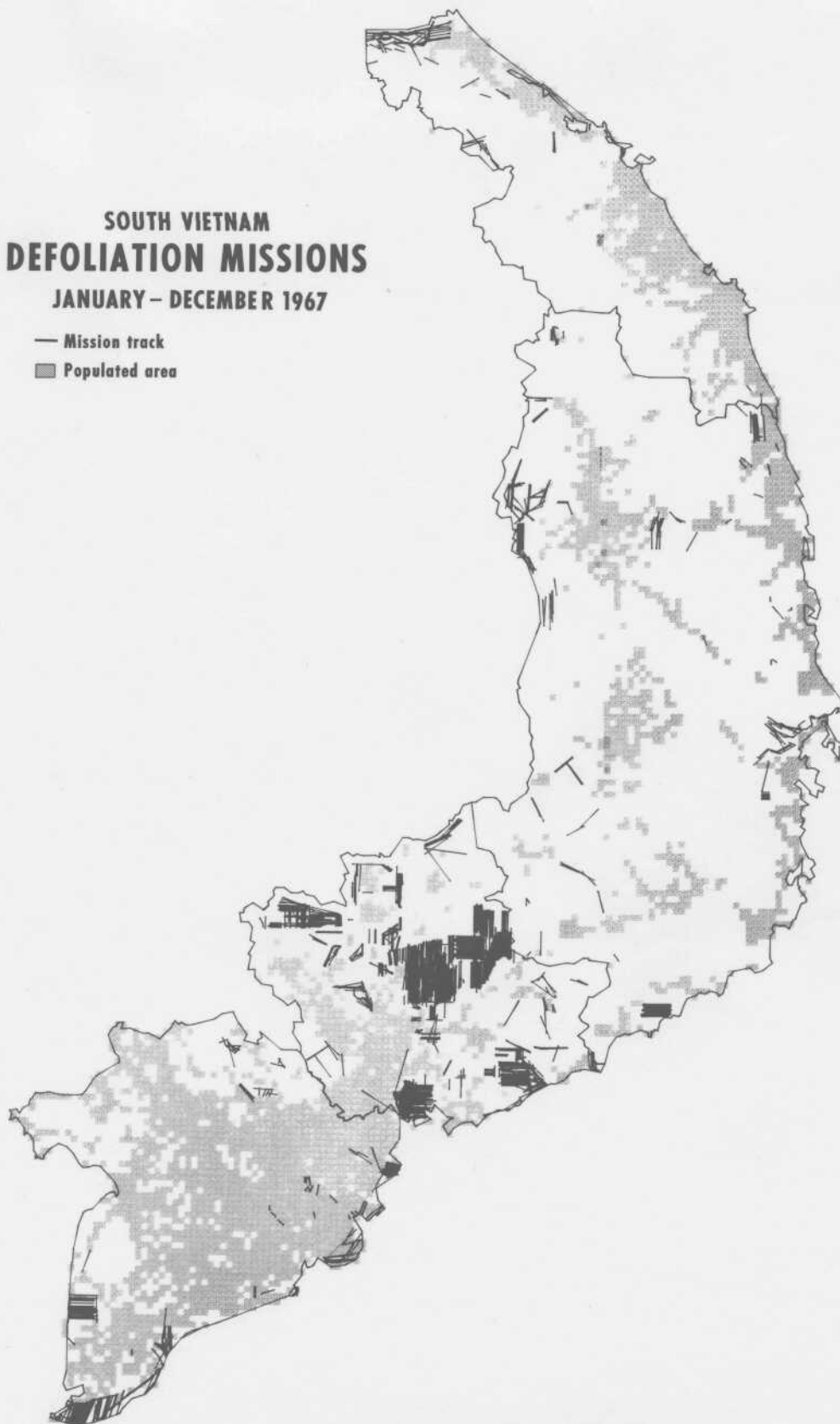
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Item ID Number	00323
Author	
Corporate Author	
Report/Article Title	Maps: Defoliation Missions and Crop Destruction Missions in South Vietnam, 1965-1971; Maps: Laos, South Vietnam, North Vietnam
Journal/Book Title	
Year	0000
Month/Day	
Color	<input checked="" type="checkbox"/>
Number of Images	19
Description Notes	19 maps, 7 are color, 16 are apporximately 8"x10" and one color map is

SOUTH VIETNAM
DEFOLIATION MISSIONS
JANUARY - DECEMBER 1967

— Mission track
■ Populated area



SOUTH VIETNAM
DEFOLIATION MISSIONS
YEAR/RUN 68D

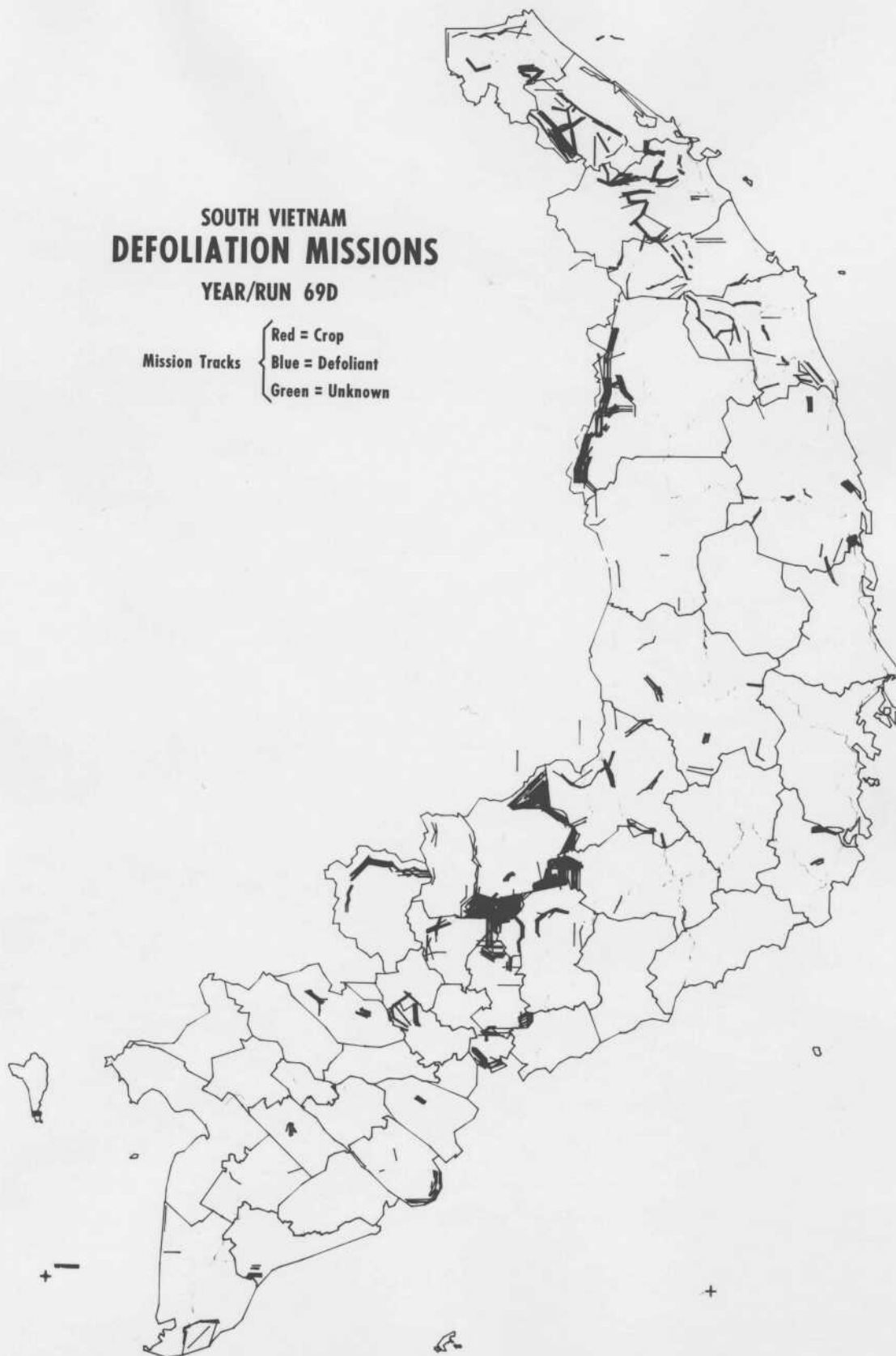
Mission Tracks {
Red = Crop
Blue = Defoliant
Green = Unknown



**SOUTH VIETNAM
DEFOLIATION MISSIONS**

YEAR/RUN 69D

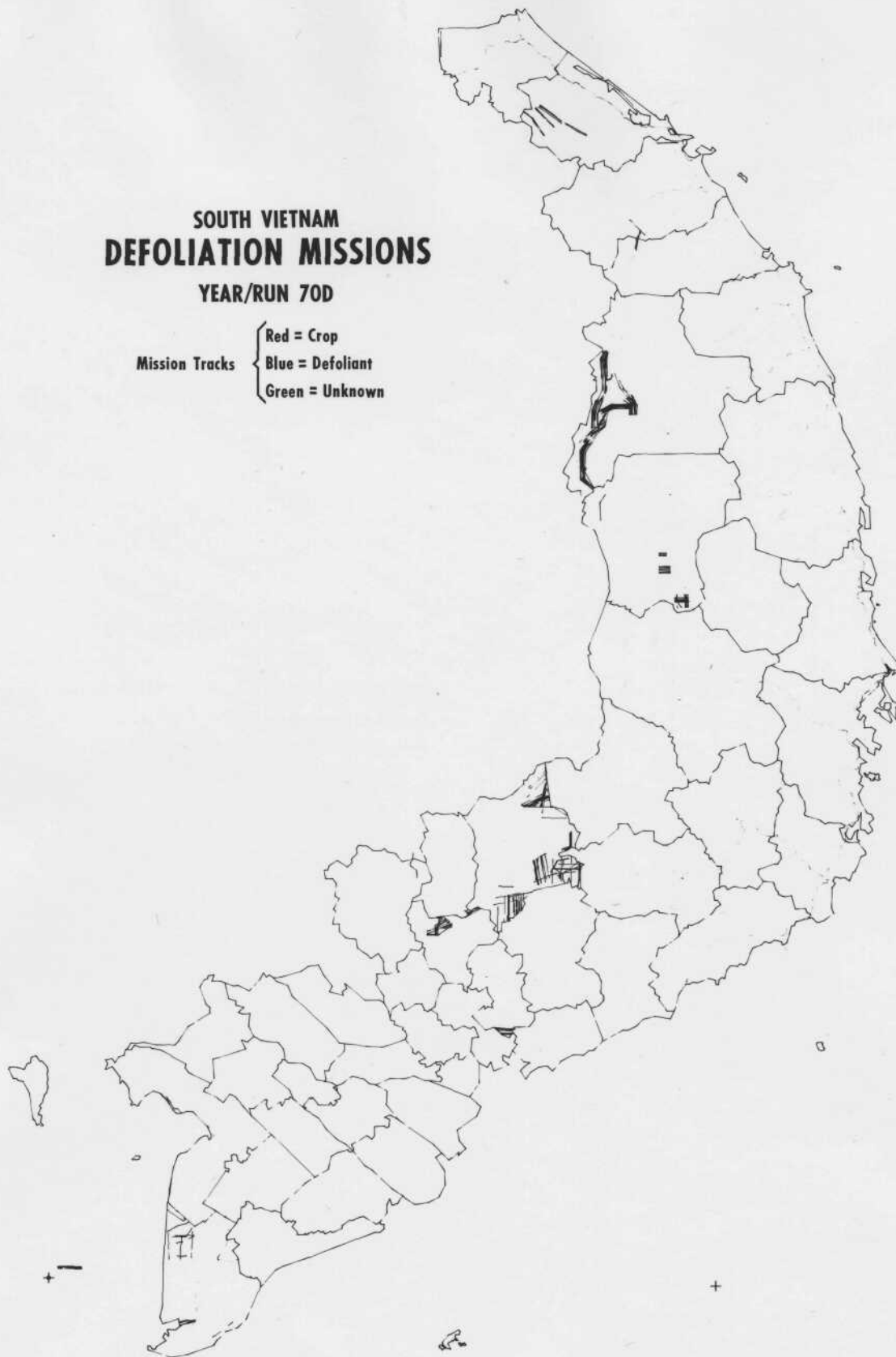
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Blue = Defoliant
Green = Unknown



**SOUTH VIETNAM
DEFOLIATION MISSIONS**

YEAR/RUN 70D

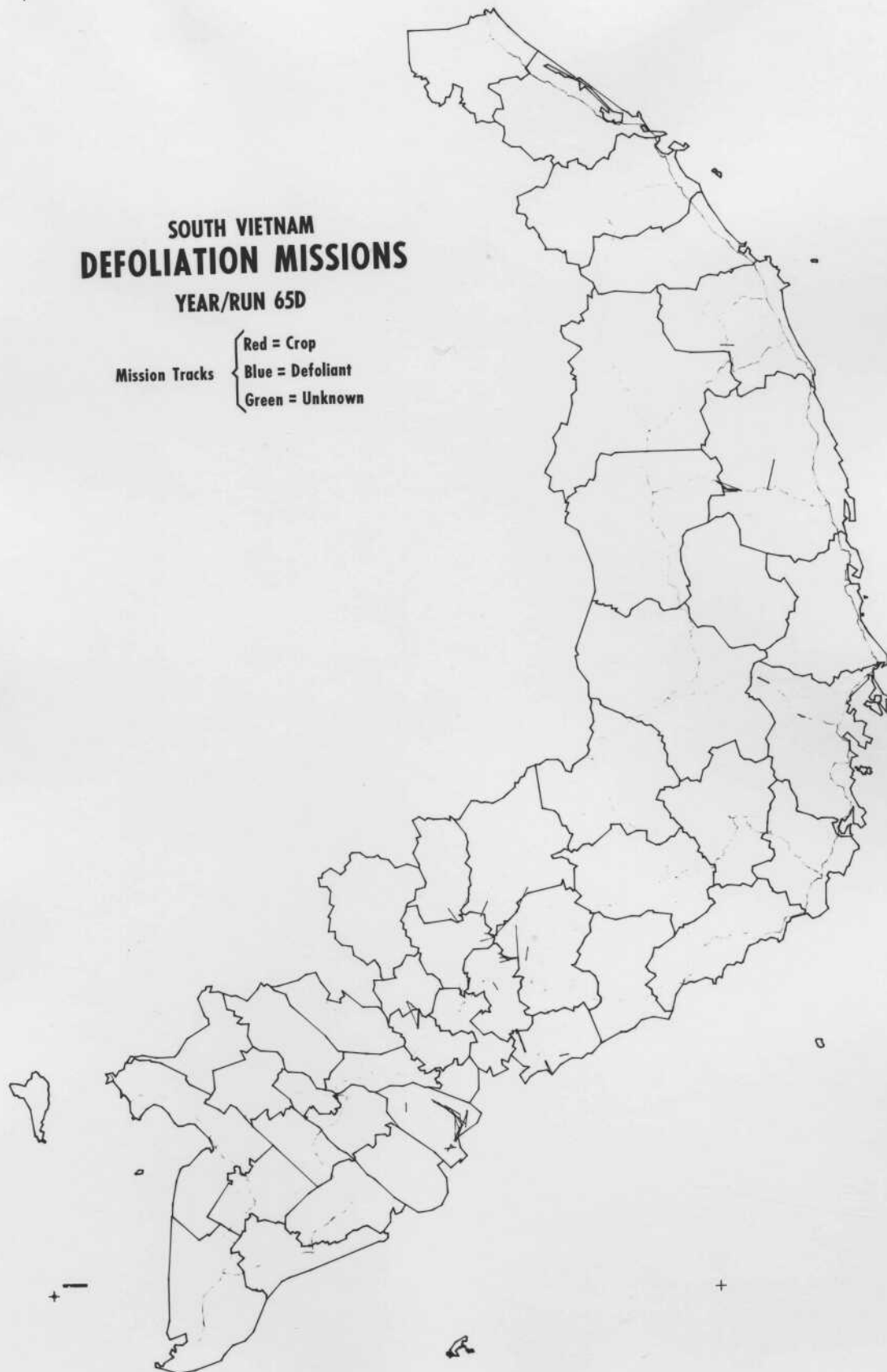
Mission Tracks {
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**SOUTH VIETNAM
DEFOLIATION MISSIONS**

YEAR/RUN 65D

Mission Tracks {
Red = Crop
Blue = Defoliant
Green = Unknown



**SOUTH VIETNAM
DEFOLIATION MISSIONS
YEAR/RUN 66D**

Mission Tracks {
Red = Crop
Blue = Defoliant
Green = Unknown



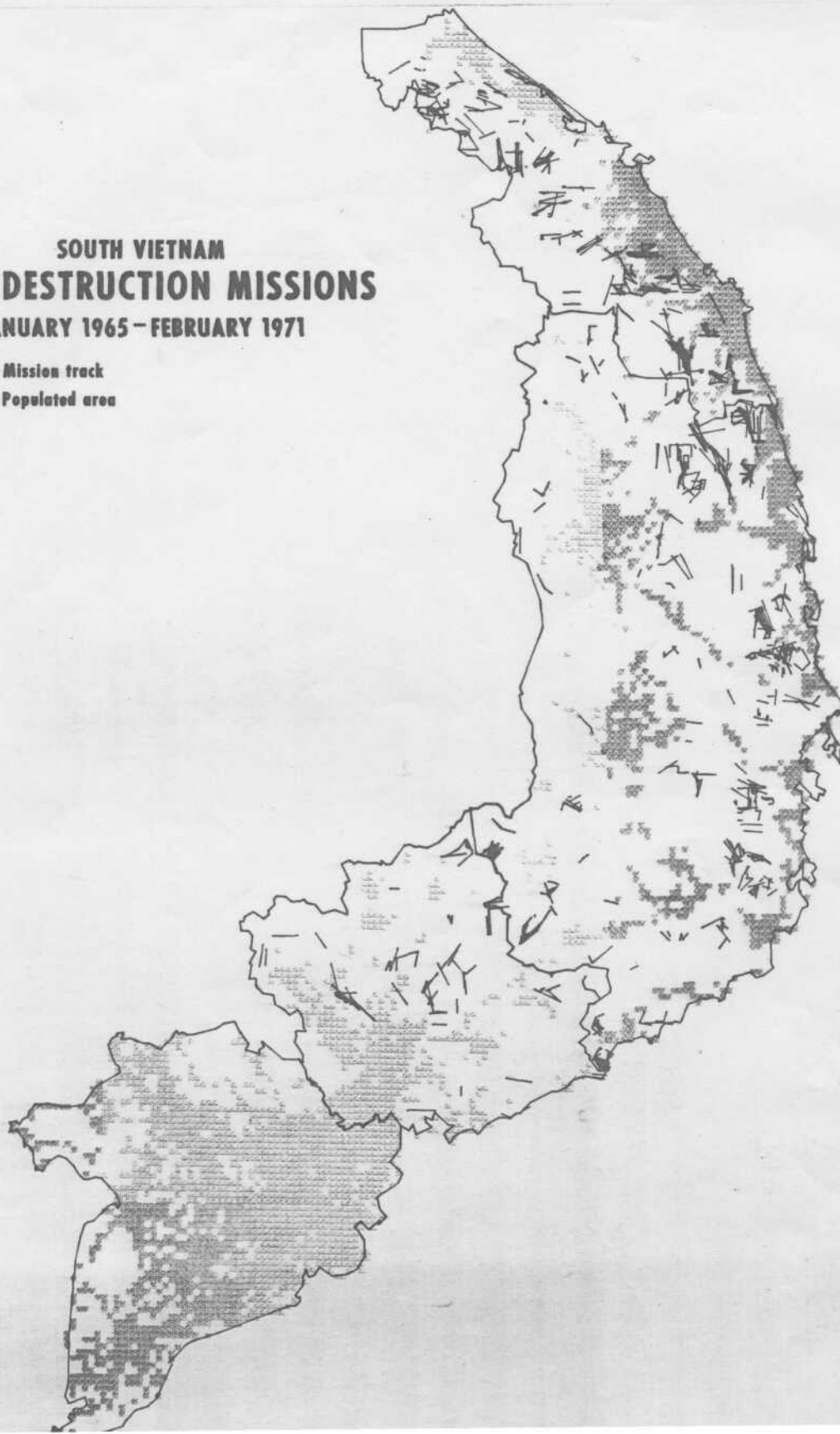
SOUTH VIETNAM
CROP DESTRUCTION MISSIONS
JANUARY 1965 - FEBRUARY 1971

— Mission track
■ Populated area



SOUTH VIETNAM
CROP DESTRUCTION MISSIONS
JANUARY 1965 - FEBRUARY 1971

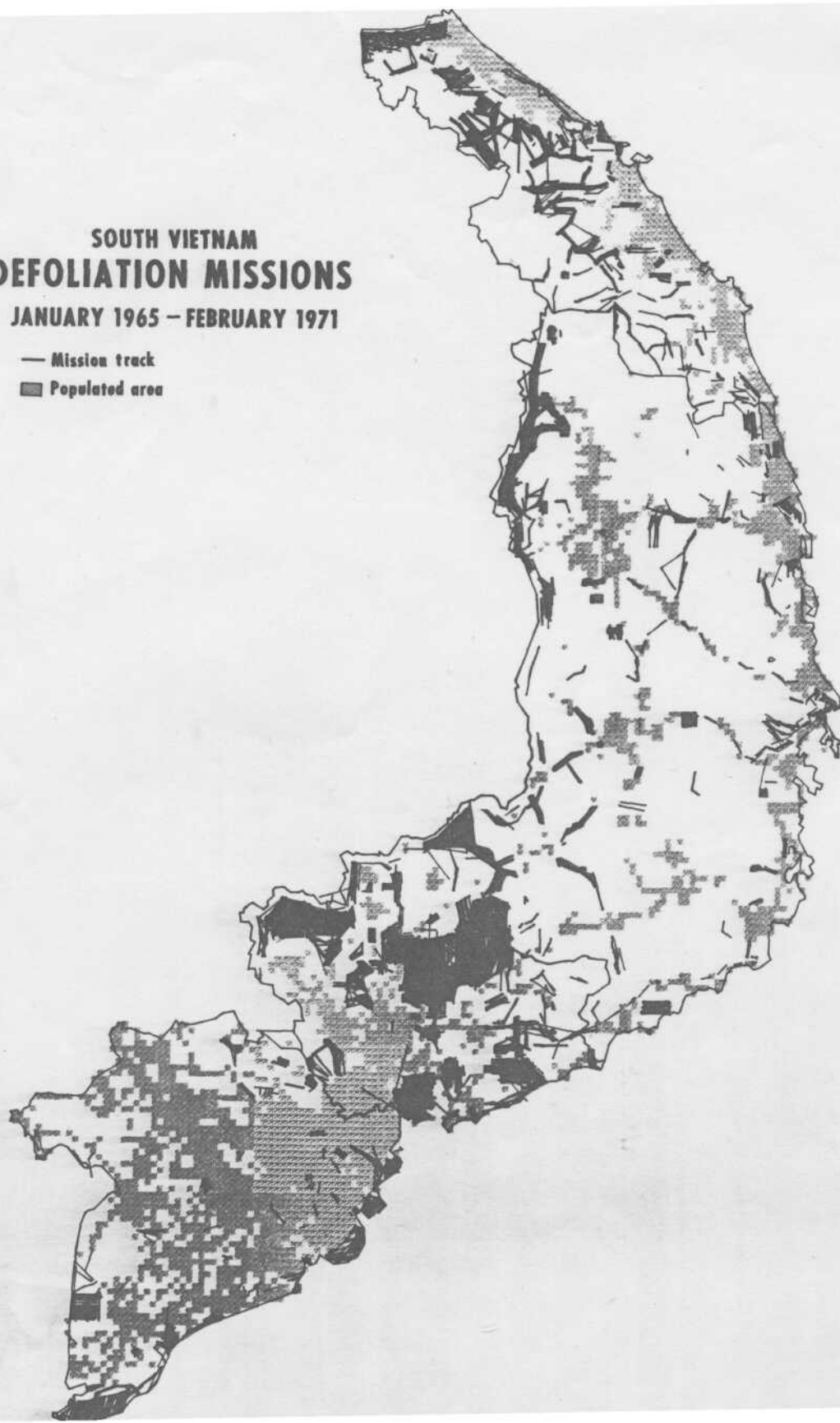
— Mission track
■ Populated area

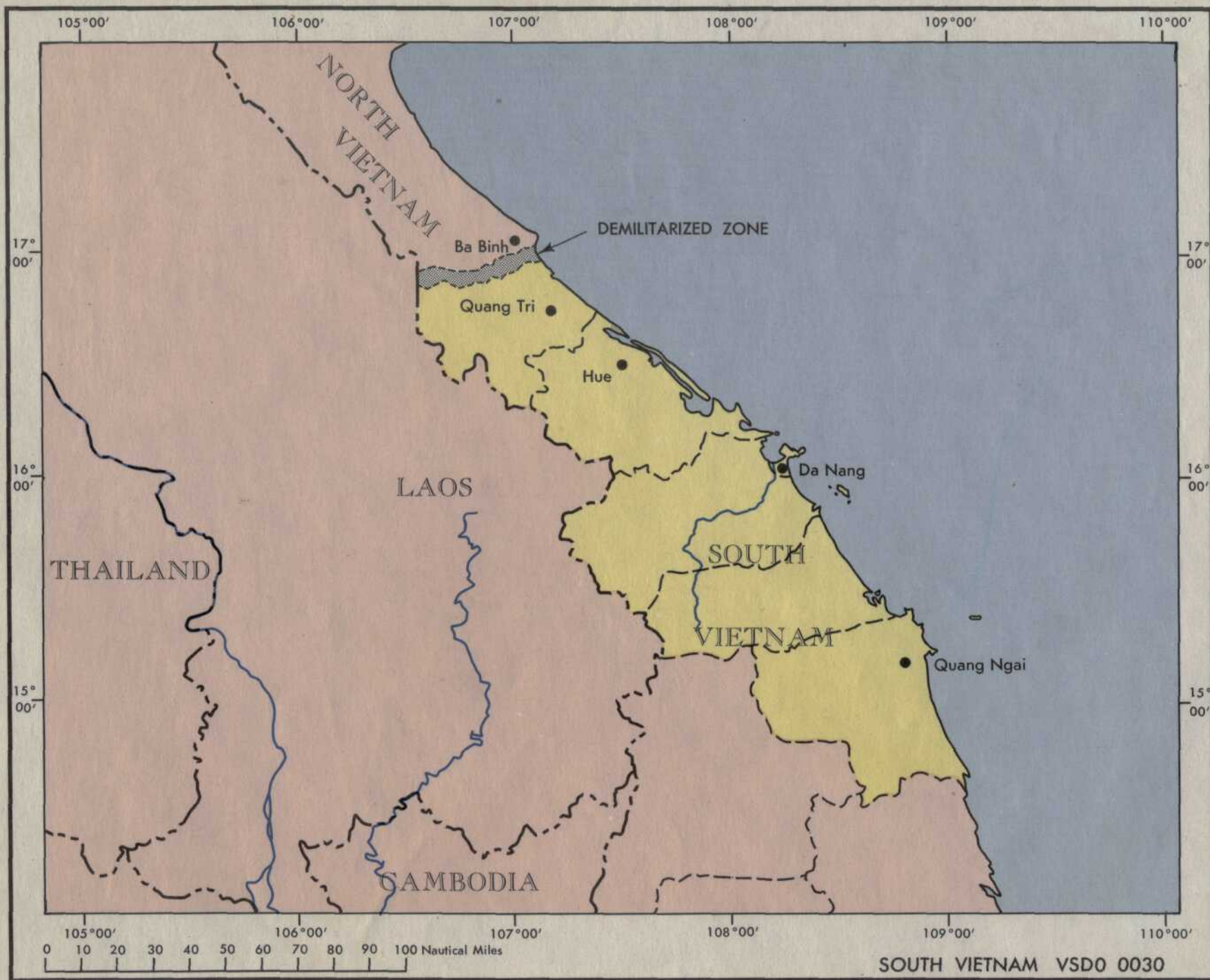


**SOUTH VIETNAM
DEFOLIATION MISSIONS**

JANUARY 1965 - FEBRUARY 1971

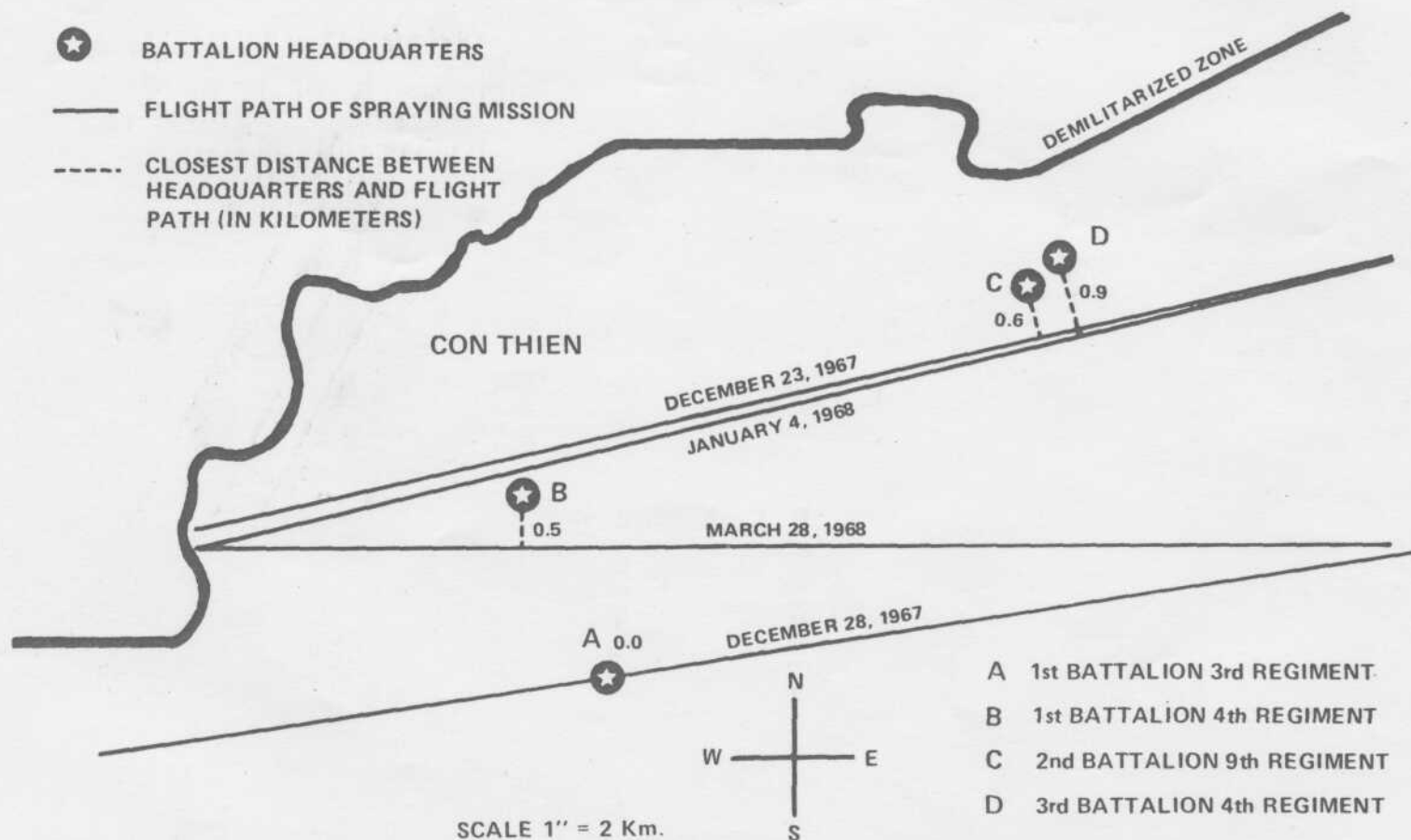
- Mission track
■ Populated area



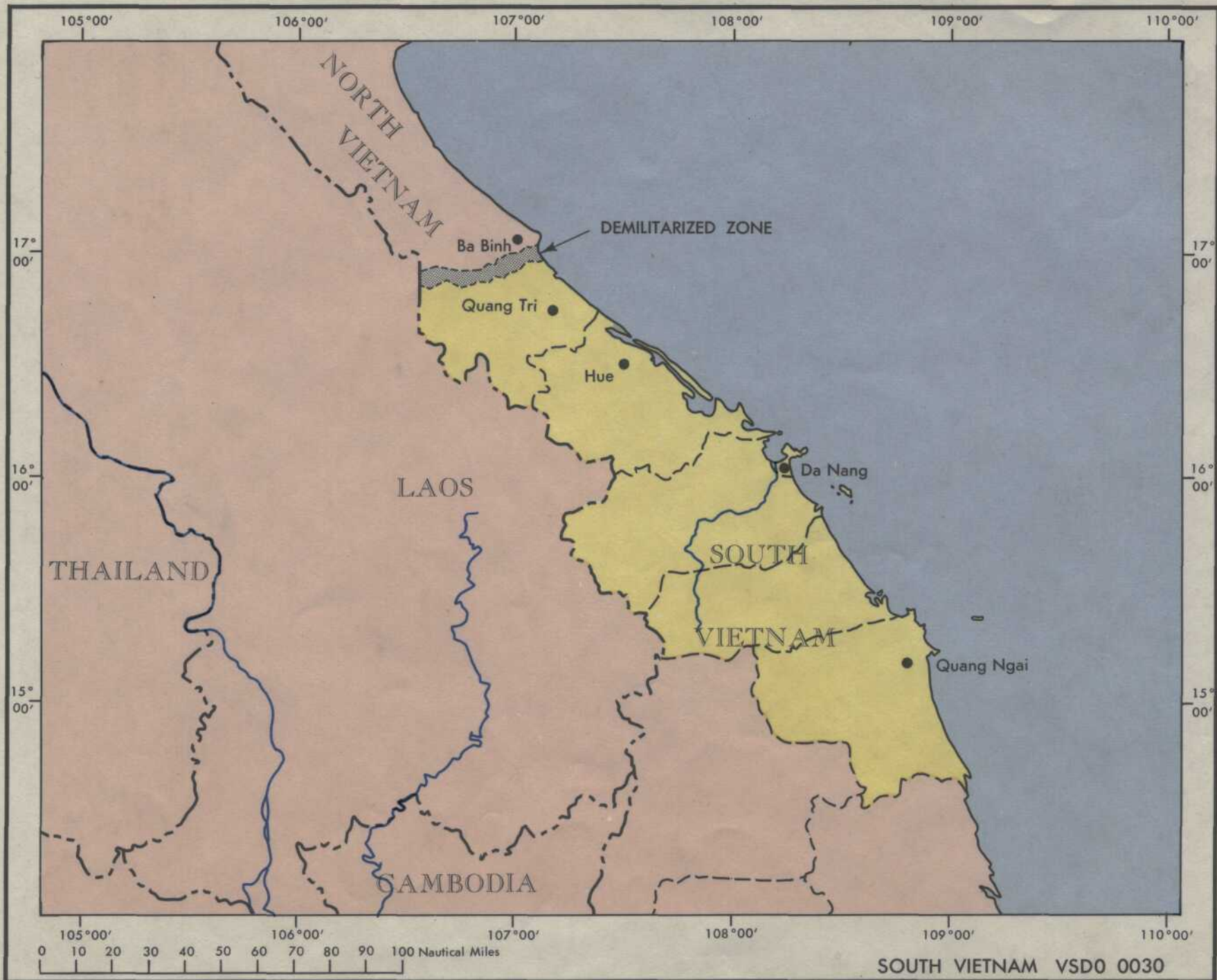


STOCK NO. NMCVSD00030**69

MARINE CORPS INFANTRY BATTALIONS CLOSEST
TO HERBICIDE ORANGE SPRAYING MISSIONS
ON DAY OF SPRAYING (CON THIEN VACINITY)







STOCK NO. NMCVSD00030**69



DISPOSITION OF MAJOR U.S.
ARMY UNITS IN SOUTH VIETNAM



CROP GROWING SEASON MAP OF SOUTH VIET-NAM

LEGEND:

- Class $\bar{I}B_T$** Year-long tropical crop growing season - monthly average temperatures over 78 F., above optimum temperatures for nearly all crops. Best suited to heat-tolerant crops: sugar cane, watermelon, sweet potatoes, okra, eggplant, peppers, and tropical perennials. Location: Mekong Delta (Most coastal regions within 10 degrees N/S of the Equator)
- Class $\bar{I}BB_T$** Year-long tropical crop growing season - summer monthly average temperatures over 78 F. (see above); winter monthly average temperatures 73 to 78 F., suitable for most tender crops, rice, corn, soybeans, tomatoes, cucumbers and squash; also heat tolerant hardy crops, onions, cabbage, and leaf lettuce for local market. Location: Coastal plains, Phan Thiet to Binh Dinh. (Bombay, India)
- Class $\bar{I}B_C$** Year-long tropical crop growing season - summer average monthly temperatures over 78 F. (see $\bar{I}B_T$ above); winter season monthly average temperatures 65 to 73 F., suitable for nearly all tender crops; also many hardy crops: small grains, Irish potatoes, beets, onions, cabbage, leaf lettuce, and cauliflower. Location: Central South Vietnam coastal plains, Phu My to Da Nang (Key West, Fla., USA)
- Class $\bar{I}B_C$** Year-long subtropical crop growing season climate - winter monthly average minimum temperatures below 65 F., otherwise same temperatures range as $\bar{I}B_C$, cooler nights, more desirable climate for hardy crops, less desirable for tropical perennials. (Note: Hot dry winds, northern S. Vietnam, add to unfavorable effect of high temperatures during the summer season) Location: Foothills of central S. Vietnam, interior and western valleys (approx. 1000 ft. elevation) coastal plains Thua Thien and Quang Tri Provinces. (South Florida, USA)
- Class $\bar{I}B_C$** Year-long subtropical crop growing season climate: Mid-summer monthly average temperatures above 78 F., best suited to heat tolerant crops (See $\bar{I}B_T$); midwinter temperatures 60 to 65 F., satisfactory temperatures for nearly all hardy crops, and the more cold tolerant tender crops: rice, sweet corn, green beans, summer squash and tobacco. Location: Foothills northern S. Vietnam, interior valleys, approx., 1500 ft. el. (Cent. Florida, USA)
- Class $\bar{I}B_C$** Year-long moderate temperature growing season climate; summer monthly average temperatures 73 to 78 F., suited to most tender crops, and heat resistant hardy crops (See $\bar{I}BB_T$); winter monthly average temperatures 65 to 73 F. suited to both tender and hardy crops (See $\bar{I}B_C$). A satisfactory temperature climate for the production of seed crops, canning and freezing crops, and all types of livestock. Location: Western plateau-Central S. Vietnam (Ban Me Thuot-Pleiku) many small mountain valleys.
- Class $\bar{I}C$** Year-long moderately cool crop growing season climate, monthly average temperatures 65 to 73 F., suitable for most field and garden crops. This climate is within the lower range of temperatures favorable for tender crops, such as rice, corn, soybeans, and tomatoes; and within the upper range of favorable temperatures for hardy crops, such as Irish potatoes, beets, small grains, cabbage, and carrots. Temperature-wise tea is well adapted. A climate for commercial vegetables. Location: Central highlands of South Vietnam (2800 to 4500 ft. elevation) - Dalat area. (Year-long temperature climate like winter in S. Florida, or N. Jersey, USA, in summer)
- Class $\bar{I}C_c$** Year-long moderate to cool crop growing season with summer monthly average temperatures 65 to 73 F. suitable for both tender and hardy crops (See $\bar{I}C$), and winter monthly average temperatures 50 to 60 F., suitable for hardy crops such as Irish potatoes, carrots, radishes, head lettuce, and members of the cabbage family. Location: Highland areas, generally above 4500 ft. elevation. (San Diego, Cal., USA)

Note: Hardy crops will grow year-long anywhere in S. Vietnam without danger of frost damage, except in the highest mountain areas (not delineated). Hail can be expected in any of the Class C, C, and c temperature climates.

MAP PREPARED BY: George L. McColm, Area Agricultural Advisor, S. Vietnam USAID. Based on world-wide crop growing season classification-McColm, American Society of Agronomy Meeting, 1948

Note: This map is based on crop-temperature relationships; temperature is the most important factor in determining both the geographic distribution and the periodic development of crop plants. FACTORS OTHER THAN TEMPERATURE MUST BE CONSIDERED IN SELECTING SUITABLE CROPS OR LIVESTOCK FOR A GIVEN AREA.

