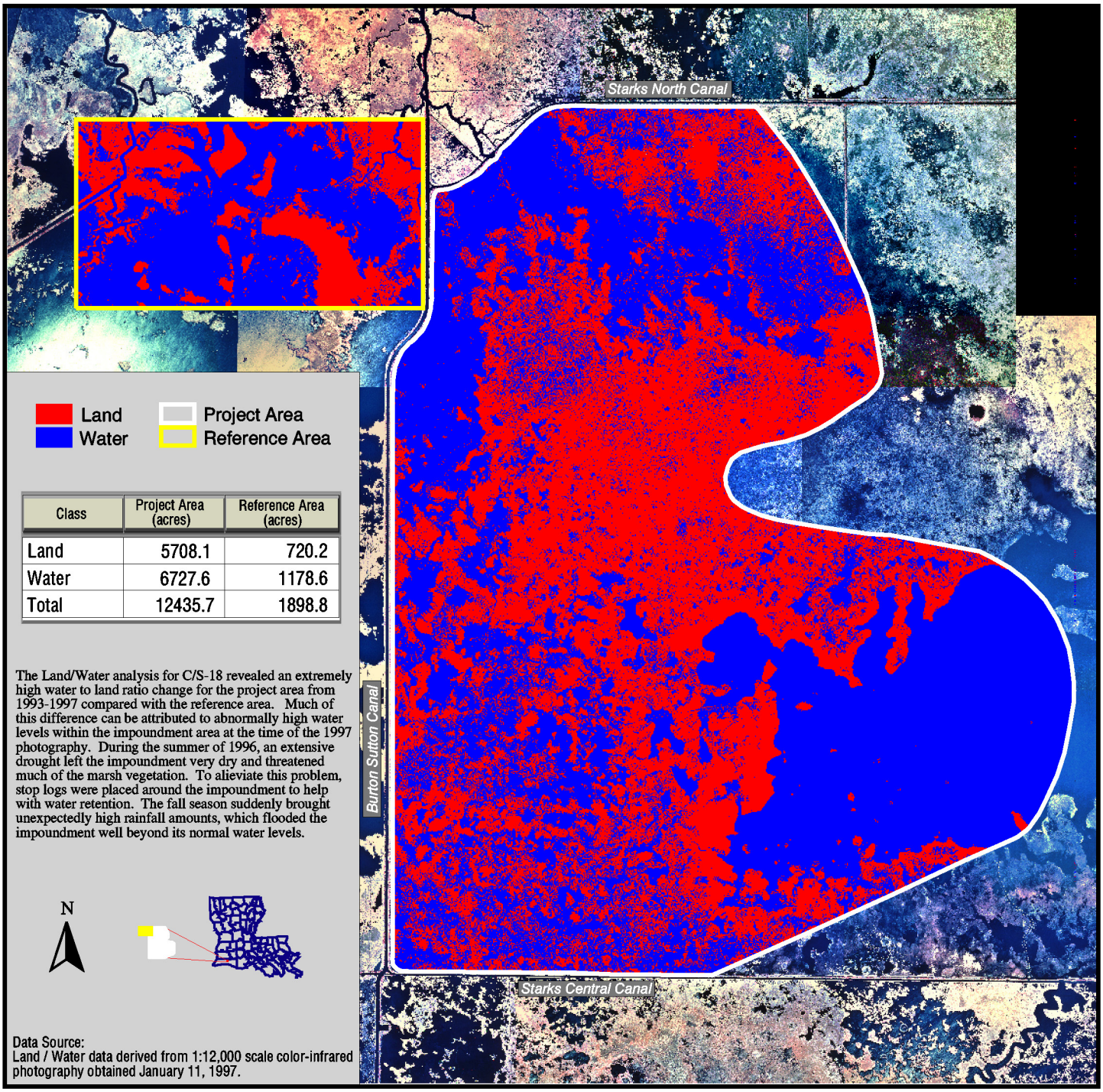
Sabine Refuge (C/S-18) Protection

Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA)

1997 Land/Water Analysis



Class	Project Area (acres)	Reference Area (acres)
Land	5708.1	720.2
Water	6727.6	1178.6
Total	12435.7	1898.8

The Land/Water analysis for C/S-18 revealed an extremely high water to land ratio change for the project area from 1993-1997 compared with the reference area. Much of this difference can be attributed to abnormally high water levels within the impoundment area at the time of the 1997 photography. During the summer of 1996, an extensive drought left the impoundment very dry and threatened much of the marsh vegetation. To alieviate this problem, stop logs were placed around the impoundment to help with water retention. The fall season suddenly brought unexpectedly high rainfall amounts, which flooded the impoundment well beyond its normal water levels.

Data Source:
Land / Water data derived from 1:12,000 scale color-infrared photography obtained January 11, 1997.

Map prepared by:
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Coastal Restoration Division
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Abbeville, Louisiana

Scale = 1:62,500

0.5 0 0.5 1 1.5 2 Miles

1 0 1 2 3 Kilometers

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