

# New Zealand Survey Map.




This is a facsimile of a map of Gardner Island created from a 1939 New Zealand survey. The "Aerodrome Reserve" in the northwest part of the atoll represents the area judged by the survey to be the best location for a future airfield but none was ever built.

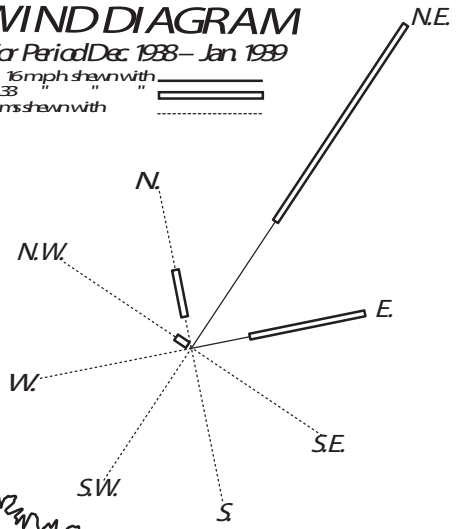


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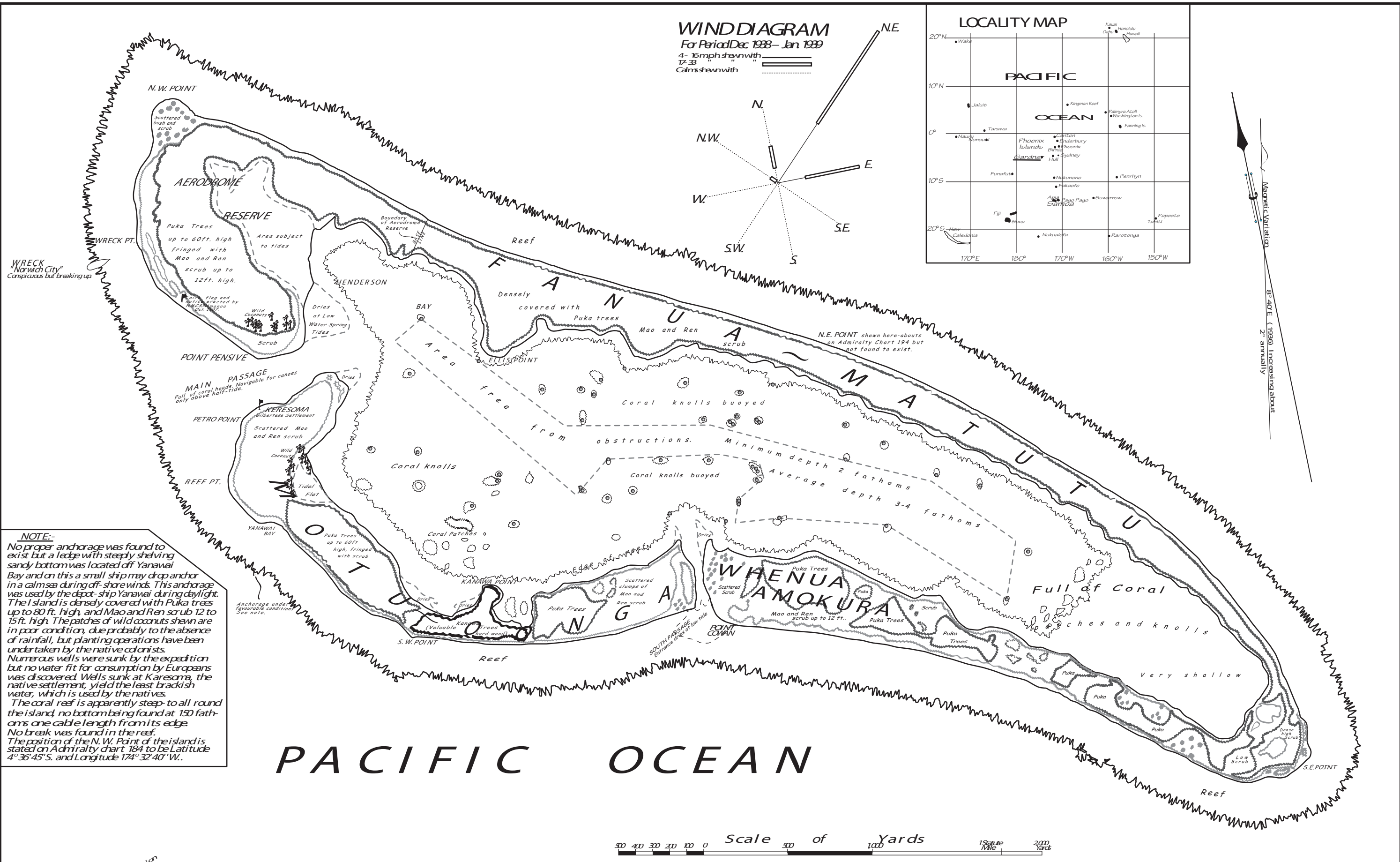
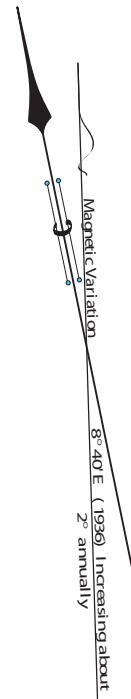
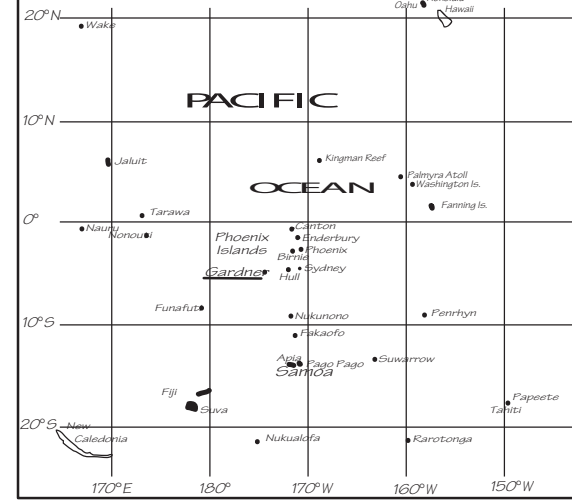
### WIND DIAGRAM

For Period Dec 1938 - Jan 1939

4-16 mph shown with   
 17-33 "   
 Calms shown with 



### LOCALITY MAP



**NOTE:-**  
 No proper anchorage was found to exist but a ledge with steeply shelving sandy bottom was located off Yanawai Bay and on this a small ship may drop anchor in a calm sea during off-shore winds. This anchorage was used by the depot-ship Yanawai during daylight. The island is densely covered with Puka trees up to 80 ft. high, and Mao and Ren scrub 12 to 15 ft. high. The patches of wild coconuts shown are in poor condition, due probably to the absence of rainfall, but planting operations have been undertaken by the native colonists. Numerous wells were sunk by the expedition but no water fit for consumption by Europeans was discovered. Wells sunk at Karesoma, the native settlement, yield the least brackish water, which is used by the natives. The coral reef is apparently steep to all round the island, no bottom being found at 150 fathoms one cable length from its edge. No break was found in the reef. The position of the N.W. Point of the island is stated on Admiralty chart 184 to be Latitude 4° 36' 45" S. and Longitude 174° 32' 40" W.

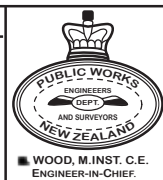
# PACIFIC OCEAN



Compiled by  
 NZ Pacific Aviation Survey Expedition  
 November 1938 - March 1939

Buoys marking main obstructions shown  
 Approximate edge of seaward reef  
 " " lagoon

	Name	Date
Surveyed	NZ.P.A.S.E.	1938-39
Drawn	"	"
Traced	Patten	Mar. 1939
Checked	R.D. Wimbush	Mar. 1939
Approved	C.H. Jones	5/4/1939



**GARDNER ISLAND - PHOENIX GROUP**  
 ~ 1939  
**PLAN SHEWING TOPOGRAPHICAL FEATURES ETC.**

**P.N.D. 102770**  
**SHEET 1**

Scale: 10 chains to an inch or 8 inches to one mile.