

APA Risk Assessment

East Base, Antarctica, Stonington Island

[DETAILS](#)

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Description

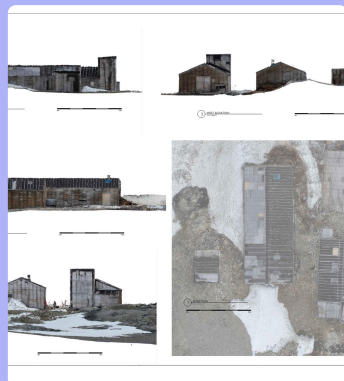
East Base, Antarctica, Stonington Island. Buildings and artefacts at East Base, Stonington Island and their immediate environs. These structures were erected and used during two U.S. wintering expeditions: the Antarctic Service Expedition (1939-1941) and the Ronne Antarctic Research Expedition (1947-1948). The size of the historic area is approximately 1,000 metres in the north-south direction (from the beach to Northeast Glacier adjacent to Back Bay) and approximately 500 metres in the east-west direction.

Risk Assessment Score

6.0

0 (Low)

10 (Extreme)



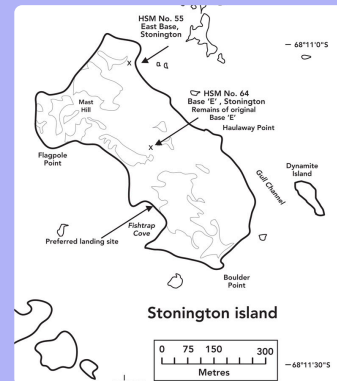
Stonington Binder REV C



East Basered



DJI 0678cropped



M1Stonington island map e

Risk Assessment Details

1 Is the valued part of the APA comprised of durable materials? **No**

2 Is the APA located in the Western Antarctic (i.e., west of the Transantarctic Mountains)? **Yes**

3 Is the APA located on the Antarctic Peninsula, South Orkney Islands, or South Shetland Islands? **Yes**

4 Is the APA located at a coastal site? **Yes**

5 Is the APA located 3m or less above sea level? **No**

6 Is the APA located within 100m of shoreline? **Yes**

7 Does the APA site have steep slopes (i.e., greater than 20%)? **No**

8 Is the APA situated on permafrost soils? **Yes**

9 Is the APA located north of the Antarctic Circle (66° 33' South)? **No**

10 Is the APA located north of 71° 33' South? **Yes**

11 Is the APA located north of 76° 33' South? **Yes**