ANNEXURE TO RHS REPORT — HURRICANE. HPG 5012 of MAR 53.

FIG 4.

DECLASSIFIED
DNO WHG
Classification Lead
24 Dec 2025

MAP P. (ISODOSE CURVES) H+1 Hrs. OCT. 3rd 1952.

HURRICANE - MONTEBELLO ISLANDS OCT. 1952.

RADIATION DOSAGE RATE CONTOURS AT 1 HOUR AFTER EXPLOSION DUE TO FISSION PRODUCTS FROM UNDER WATER BURST IN SHALLOW LAGOON AT 0930 LOCAL TIME. DATA CORRECTED UP TO 1ST JUNE 1953.

TOP SECRET. TOMIC
CLASSIFICATION REVIEW
CONFIDENTIAL

NORTH WEST ISLAND. PRIMROSE ISLAND. PANSY ISLAND. CARNATION ISLAND. GARDENIA ISLAND. HOLLYHOCK ISLAND. GLADSTONE BEACH. PITT POINT. KINGCUP ISLAND. BLUEBELL ISLAND. JONQUIL ISLAND. ALPHA ISLAND. TRIMOUILLE ISLAND. CAMP. QUARRY.

SCALE :- 1/10700.

0 — (½ x 1·07) MILES. (½ MILE)

0 — 1070 YDS. (1000 yds)

TIDES.

TIDAL FLOW

WINDS.

SPEED IN KNOTS.
HEIGHT IN FEET.

AREA SCALE.

183,184 m²

400 x 1·07 m.

400 x 1·07 m.

REFERENCE MAP.

SHEET G.S.G.S. MISC. 1562/2.

ALL VALUES R/Hr AT (H+1) Hr. AT 1YD. ABOVE GROUND SURFACE.

ISODOSE CURVES AT H+1 Hrs. VALUES IN R/Hr.

200 — INTERPOLATED FROM INSTRUMENT READINGS AT TIMES LATER THAN H+1 Hr.

10,000 — — ESTIMATED.

·25 SPOT READING 25 R/Hr AT H+1 hr. CALCULATED FROM READINGS AT TIMES LATER THAN H+1 Hrs.

1000 AREAS OF HIGH ACTIVITY IN LOW LYING LAND AREAS WITH HIGHEST RECORDED DOSE RATE WHEN KNOWN IN R/Hr AT H+1 Hrs.

ALL READINGS WERE TAKEN WITH INSTRUMENTS 1 YD ABOVE GROUND SURFACE.
A.E.R.E. TYPE 1193 RANGES 0 - 12·5 mR/Hr. 0 - 125 mR/Hr, 0 - 125 R/Hr.
A.E.R.E. TYPE 1155 RANGES 0 - 3 R/Hr. 0 - 30 R/Hr. 0 - 300 R/Hr.
CORRECTIONS APPLIED FOR ENERGY DEPENDENCE. — SEE TEXT.

LOCAL TIME = G.M.T. + 9 hrs 30 mins.

CREDITS.

RADIATION SURVEY BY TEAM RH5 (MAJOR K. STEWART R.E) 8-23. OCT. 1952.
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