

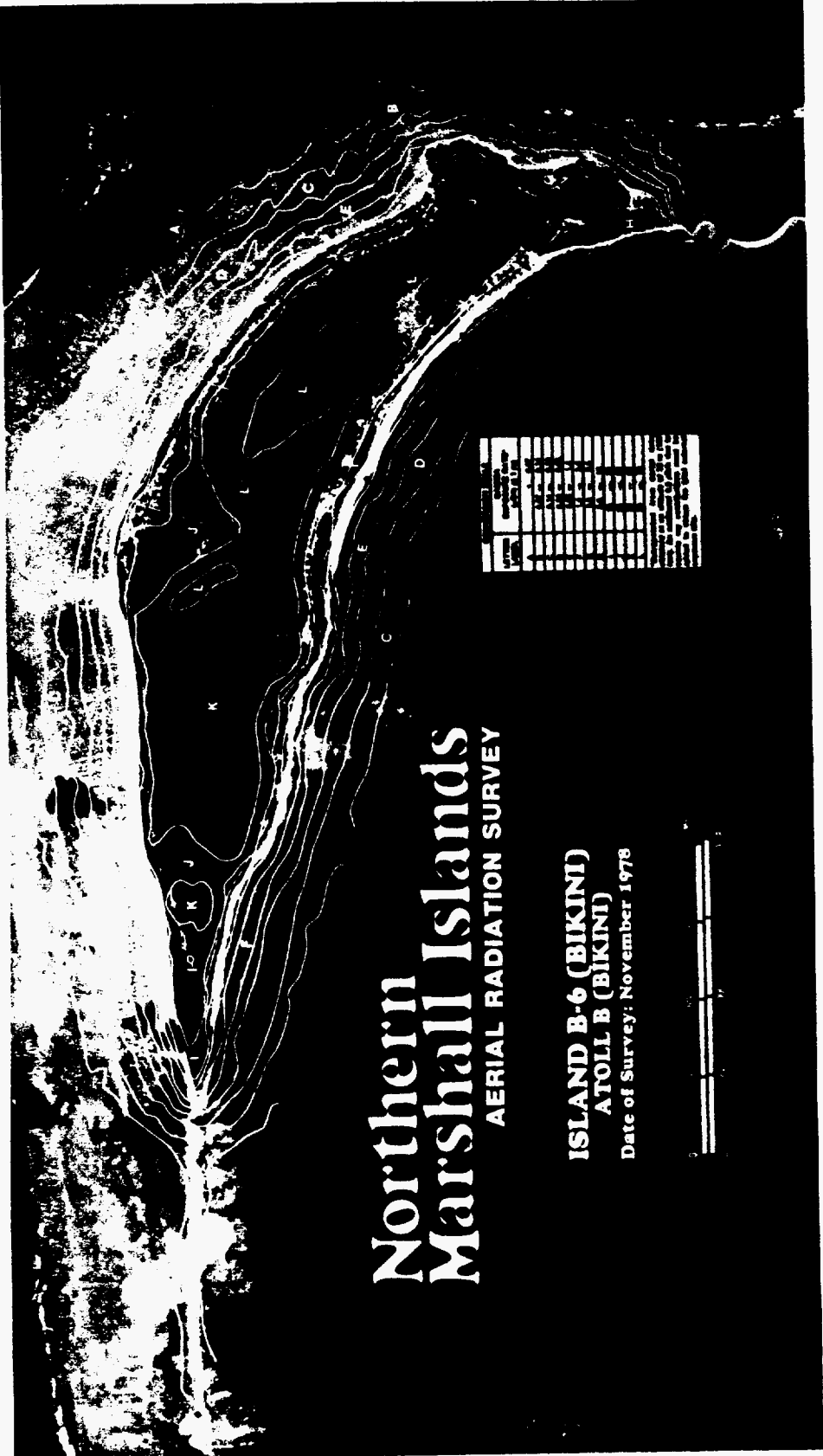
CONVERSION SCALE	
LETTER LABEL	GAMMA EXPOSURE RATE (µR/h at 1 m)
A	< 0.07
B	0.07 - 0.15
C	0.15 - 0.30
D	0.30 - 0.60
E	0.60 - 1.5
F	1.5 - 3.0
G	3.0 - 6.0

*Elevations from aerial data indicated at an interval of 20 m (100 feet). An additional 3.0 µR/h may be added to elevations based on data by contributors used to produce this map.

Northern MARSHALL ISLANDS



**ISLAND B-12 (ENYU)
ATOLL B (BIKINI)**
Date of Survey: November 1976



Northern Marshall Islands

AERIAL RADIATION SURVEY

ISLAND B-6 (BIKINI)
ATOLL B (BIKINI)
Date of Survey: November 1978

AREA	DATE	TIME	INSTRUMENT	REMARKS
1	11/1/78	0800	NaI	Beach
2	11/1/78	0815	NaI	Beach
3	11/1/78	0830	NaI	Beach
4	11/1/78	0845	NaI	Beach
5	11/1/78	0900	NaI	Beach
6	11/1/78	0915	NaI	Beach
7	11/1/78	0930	NaI	Beach
8	11/1/78	0945	NaI	Beach
9	11/1/78	1000	NaI	Beach
10	11/1/78	1015	NaI	Beach
11	11/1/78	1030	NaI	Beach
12	11/1/78	1045	NaI	Beach
13	11/1/78	1100	NaI	Beach
14	11/1/78	1115	NaI	Beach
15	11/1/78	1130	NaI	Beach
16	11/1/78	1145	NaI	Beach
17	11/1/78	1200	NaI	Beach
18	11/1/78	1215	NaI	Beach
19	11/1/78	1230	NaI	Beach
20	11/1/78	1245	NaI	Beach
21	11/1/78	1300	NaI	Beach
22	11/1/78	1315	NaI	Beach
23	11/1/78	1330	NaI	Beach
24	11/1/78	1345	NaI	Beach
25	11/1/78	1400	NaI	Beach
26	11/1/78	1415	NaI	Beach
27	11/1/78	1430	NaI	Beach
28	11/1/78	1445	NaI	Beach
29	11/1/78	1500	NaI	Beach
30	11/1/78	1515	NaI	Beach
31	11/1/78	1530	NaI	Beach
32	11/1/78	1545	NaI	Beach
33	11/1/78	1600	NaI	Beach
34	11/1/78	1615	NaI	Beach
35	11/1/78	1630	NaI	Beach
36	11/1/78	1645	NaI	Beach
37	11/1/78	1700	NaI	Beach
38	11/1/78	1715	NaI	Beach
39	11/1/78	1730	NaI	Beach
40	11/1/78	1745	NaI	Beach
41	11/1/78	1800	NaI	Beach
42	11/1/78	1815	NaI	Beach
43	11/1/78	1830	NaI	Beach
44	11/1/78	1845	NaI	Beach
45	11/1/78	1900	NaI	Beach
46	11/1/78	1915	NaI	Beach
47	11/1/78	1930	NaI	Beach
48	11/1/78	1945	NaI	Beach
49	11/1/78	2000	NaI	Beach
50	11/1/78	2015	NaI	Beach
51	11/1/78	2030	NaI	Beach
52	11/1/78	2045	NaI	Beach
53	11/1/78	2100	NaI	Beach
54	11/1/78	2115	NaI	Beach
55	11/1/78	2130	NaI	Beach
56	11/1/78	2145	NaI	Beach
57	11/1/78	2200	NaI	Beach
58	11/1/78	2215	NaI	Beach
59	11/1/78	2230	NaI	Beach
60	11/1/78	2245	NaI	Beach
61	11/1/78	2300	NaI	Beach
62	11/1/78	2315	NaI	Beach
63	11/1/78	2330	NaI	Beach
64	11/1/78	2345	NaI	Beach
65	11/1/78	2400	NaI	Beach
66	11/1/78	2415	NaI	Beach
67	11/1/78	2430	NaI	Beach
68	11/1/78	2445	NaI	Beach
69	11/1/78	2500	NaI	Beach
70	11/1/78	2515	NaI	Beach
71	11/1/78	2530	NaI	Beach
72	11/1/78	2545	NaI	Beach
73	11/1/78	2600	NaI	Beach
74	11/1/78	2615	NaI	Beach
75	11/1/78	2630	NaI	Beach
76	11/1/78	2645	NaI	Beach
77	11/1/78	2700	NaI	Beach
78	11/1/78	2715	NaI	Beach
79	11/1/78	2730	NaI	Beach
80	11/1/78	2745	NaI	Beach
81	11/1/78	2800	NaI	Beach
82	11/1/78	2815	NaI	Beach
83	11/1/78	2830	NaI	Beach
84	11/1/78	2845	NaI	Beach
85	11/1/78	2900	NaI	Beach
86	11/1/78	2915	NaI	Beach
87	11/1/78	2930	NaI	Beach
88	11/1/78	2945	NaI	Beach
89	11/1/78	3000	NaI	Beach
90	11/1/78	3015	NaI	Beach
91	11/1/78	3030	NaI	Beach
92	11/1/78	3045	NaI	Beach
93	11/1/78	3100	NaI	Beach
94	11/1/78	3115	NaI	Beach
95	11/1/78	3130	NaI	Beach
96	11/1/78	3145	NaI	Beach
97	11/1/78	3200	NaI	Beach
98	11/1/78	3215	NaI	Beach
99	11/1/78	3230	NaI	Beach
100	11/1/78	3245	NaI	Beach



Northern Marshall Islands

AERIAL RADIATION SURVEY

B I (NAMU)

BRAVO
CRATER

M

I FGK G

ATOLL B
BIKINI

Date of Survey: November 1978

G G I E H

L K

D

J E F I D C D D

L K L E F

D I D

G F G

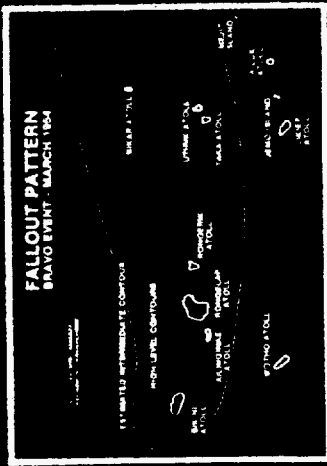
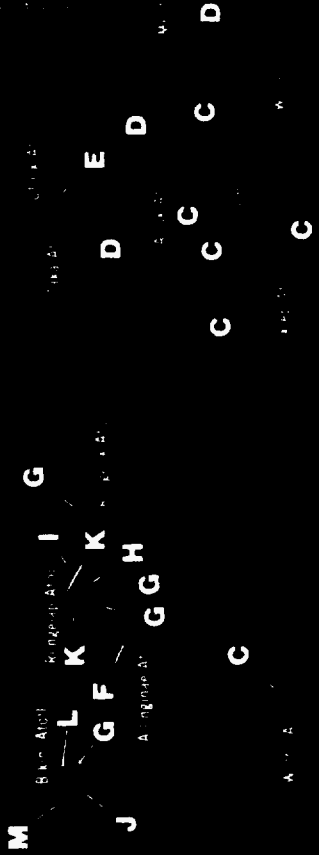


NO. 111-111-111-111-111

Northern Marshall Islands

AERIAL RADIATION SURVEY

DATE OF SURVEY: SEPTEMBER - NOVEMBER 1978



Ujae Atoll

C

This map of the continental United States shows external radiation levels at various locations. These are keyed by letter to the same levels of annual dose rate as were used previously on maps of atolls and islands in the Marshall Islands.

It must be noted, however, that the primary radionuclides contributing to these external exposure levels in the United States are from the naturally occurring decay series of uranium, thorium and actinium (including, for example, radium, polonium, thorium and radon); generally these radionuclides do not contribute significantly to any potential internal radiation exposure through the food chain.

By contrast, the primary radionuclides contributing to the external exposure levels in the Marshall Islands are fission and activation products, particularly cesium-137 and cobalt-60, from the weapons tests; these radionuclides plus strontium-90 readily enter the food chain and are consumed by man, thereby contributing significantly to an internal radiation exposure.

TERRESTRIAL RADIATION BACKGROUND IN THE UNITED STATES



U.S. RADIATION MAP

A	0.5
B	0.14
C	0.20
D	0.45
E	1.4
F	3.0
G	8.5
H	10
I	20