

[REDACTED]

PRELIMINARY RESULTS NYKORO AIRBORNE MONITORING SURVEY FLIGHTS
O/A 1 MARCH 1954 (CONDUCTED BY HEALTH AND SAFETY LABORATORY,
NEW YORK OPERATIONS OFFICE)

LOCATION (TOLL UNLESS OTHERWISE INDICATED)	LOCAL TIME (MARCH)	MAXIMUM GROUND INTENSITY (mr/hr)	LOCAL TIME (MARCH)	MAXIMUM GROUND INTENSITY (mr/hr)
FILE				
KWAKWAK	02180	.6*	041200	0.5*
LEE	021210	.08	040710	.04
UJAE	02122	.10	040752	.06
WOTHU	02120	1.00	040819	1.60
BIKINI (N.M.I. ISLAND)			040913	96,000
BILINGHLE	021208	400.00	041011	200 to 390
RONGELAP (N.M.I. ISLAND)	02120	1350	(RONGELAP survey did not include RONGELAP ISLAND)	
RONGELAP	02110	720	041110	1050
TALOFU	021524	1.4	041533	1.6
BIKINI	021528	500	041632	160
UTIRU	021551	240	041655	48
TAKA	021650	260	041702	44
MILUK	021700	76	041810	20
JEMO	021700	18	041820	12
LIKIE	021700	5.0	041830	10

(NOTE: There is some doubt that intensities indicated represent the maximum for the atolls listed or that the re-survey covered the same location as the 2 March survey. Readings marked with asterisk are ground observations.)

BAKER

NAMO	030720	.02
BILINGHLE	030749	.08
NAMORU	031423	.20
EBON	031247	.20
KILI	031224	.20
JALUTT	031206	.20
MILI	031109	.60
MING	031028	.60
MAJURO	031016	2.0
MUR	030945	.40
MALOELAP	030924	1.6
ERIUB	030902	1.0
WOTJE	030850	.20



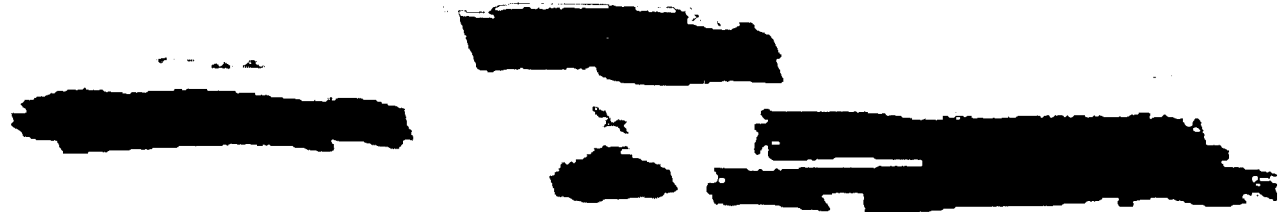
LOCATION (ATOLL, UNLESS OTHERWISE INDICATED)	LOCAL TIME MARCH	MAXIMUM GROUND INTENSITY (mr/hr)
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CHARLIE

KUSULI	031301	0.8
PINGELAP	031204	0.6
MOKIL	031130	0.6
PONAPE	030944	0.8
UJELAN	030821	0.8

MAXIMUM GROUND READINGS OTHER
NYKOPO FLIGHTS (IN MR/HR)

Flight EASY (6 March)	0.08
Flight GEORGE (6 March)	0.08
Flight ITEM (5 March)	0.08
FLIGHT KING (Gilbert Islands 6 March)	0.08



BRANO

PLACE	TRUE BEARING	DISTANCE NAUT. MI.	TIME FALLOUT ARRIVED	INTENSITY MR/HR	INTENSITY MR/HR	INTENSITY TIME HRS	INTENSITY TIME MR/HR HRS/DAS	AVERAGE RESULTANT WIND SPEED TO TROPICS
LAE	160	174	439hrs					3.2
UJAE	170	168	437					3.2
WOTHO	154	100	413.2	2.3				3.8
AILINGINAE	115	79	3.6	12,000	445	458	400	4.1
PONGFLAP	109	100	5.6	7,800	#1400	436	1350	8.9
ENISEVOK	105	98.5	5.4	6,800	#3000	453.2	30.9	8.9
RUWGERIK	98	133	4.8	7,000	3000	428.5		8.9
ESAGGI	95	180			1.4	12.6		10.4
BIKAR	94	265	16.5	2,600	600	17.5		9.6
UTIRIP	96	170	11.0	2,900	160	25.5		8.8
TAKA	97	261	20.3	2,900	160	25.4		8.1
MEJIT	104	340	30.2					8.2
AILUK	107	291	27.1	310	76	34.8		8.1
JENC	110	268	24.8		18	34.7		8.2
LIKIEI	115	262			6	34.9		8.1
NAU	142	265			0.16	48.5		8.2
AILINGINAE	142	338			0.8	48.9		8.1
ARAO	127	164			1.6	51.6		8.2
HAJHO	118	141			1.0	51.4		8.1
EUR	72	177			1.0	50.9		8.1
KIAGELI	117	187			1.0	50.6		8.1
ERIKUR	119	121			1.0	50.2		8.1
WOTJE	114	121			1.0	50.0		8.1
KUSAE	200	225			1.5	54.4		8.1
PONAPE	235	509			1.5	54.4		8.1
UJELANG	207	206			1.5	54.4		8.1
PINGFLAP	220	426			1.5	54.4		8.1

* Reading on ground.

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