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Date 4.8.94

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ADDITIONAL INFORMATION:

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150°E 161° 162° 163° 164° 165° 166°

N 12° 11° 10° 9° 8° 7° 6° 5° 4°

Marshall Island

TRUST TERRITORY OF THE
TOTAL POPULATION

ENIWETOK ATOLL
600 mi. to Dist. Center by Water
Pop. 575

UJELANG ATOLL
POPULATION
687 mi. to Dist Center by Water

BIKINI ATOLL
480 mi. to Dist Center by Water

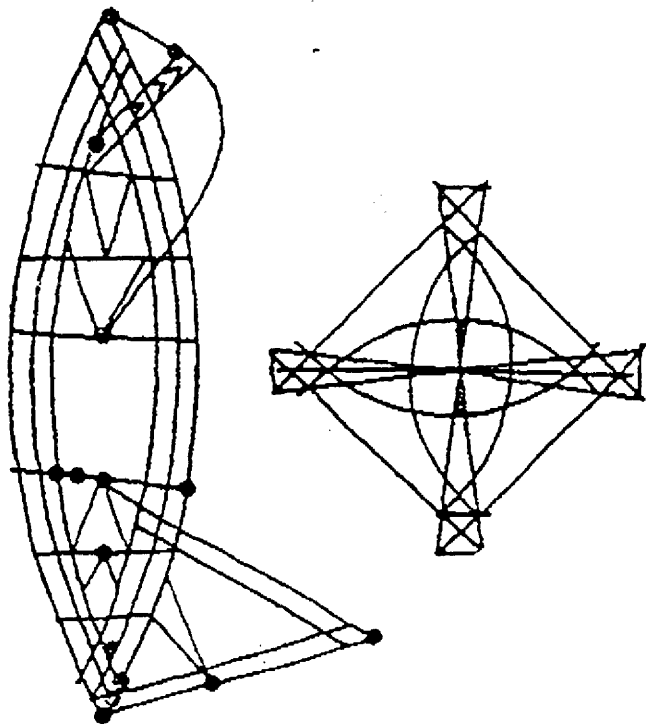
AILINGINAL ATOLL

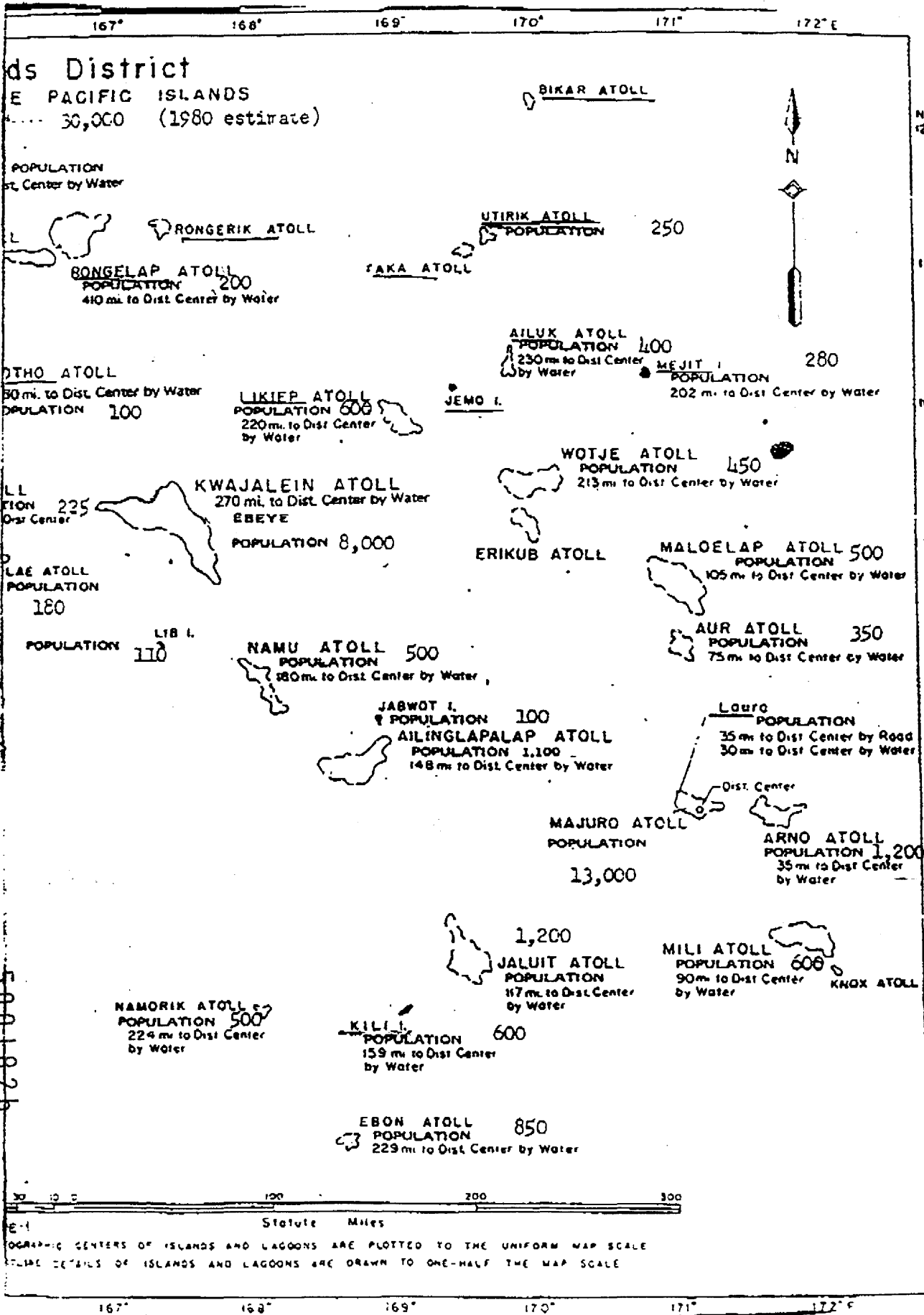
UJAE ATOLL
POPULATION
160 mi. to Dist Center by Water

NOTES:

TRANSPORTATION TO OUTLYING VILLAGES IS BY WATER.

WATER DISTANCES ARE SCALED FROM EXISTING DOCK IN THE RESPECTIVE MUNICIPALITY.





5001026

[REDACTED]

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

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

KNAJALEIN	021800	0.6*	041200	0.5*
LAE	021210	.08	040710	.04
UJAE	021224	.10	040752	.06
WOTHIC	021300	1.00	040819	1.60
BIKINI (NAJU ISLAND)			040913	96,000
MILINGUAE	021328	400.00	041011	200 to 390
RONGELAP (ISLAND)	021340	1350	(RONGELAP survey did not include RONGELAP ISLAND)	
RONGELIK	021400	1720	041110	1050
TADOMI	021525	1.4	041533	1.6
BIKAR	021528	600	041632	160
UTIRIK	021551	240	041655	48
TAKA	021656	160	041702	44
MILUK	021716	76	041810	20
JEMO	021725	18	041820	12
LIKIEP	021740	6.0	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

NAMU	030720	.02
MILINGUAPALAP	030745	.08
NAMORIK	031423	.20
EBON	031247	.20
KILI	031224	.20
JALUIT	031206	.20
MILI	031109	.60
JUNO	031028	.60
MAJURO	031016	2.0
AUR	030945	.40
MALOELAP	030924	3.6
ERIKUB	030902	4.0
WOTJE	030850	20

[REDACTED]



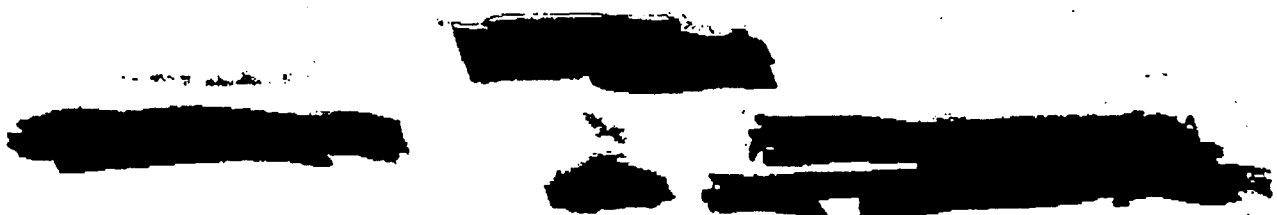
<u>LOCATION</u> (ATOLL, UNLESS OTHERWISE INDICATED)	<u>LOCAL TIME</u> (MARCH)	<u>MAXIMUM GROUND INTENSITY</u> (mr/hr)
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CHARLIE

KUSAIE	031301	0.8
PINGELAP	031204	0.6
MOKIL	031130	0.6
PONAPE	030945	0.8
UJELANG	030820	0.8

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

Flight EAST (6 March)	0.0
Flight GEORGE (6 March)	0.2
Flight ITEM (5 March)	0.08
FLIGHT KING (Gilbert Islands) (6 March)	0.08



BRAVO

PLACE	TRUE BEIJING	DISTANCE NAUT. MI.	TIME FALLOUT ARRIVED	INTENSITY MR/HR	[REDACTED]	INTENSITY MR/HR	TIME HRS	INTENSITY TIME		AVERAGE RESULTANT WIND SPEED TO TROPOPAUSE
								MR/HR	HRS/DAS	
LAE	160	174	/39hrs			.08				3.2
UJAE	170	168	/37			0.1				3.2
WOTHO	154	100	/13.2	2.3		1.0				3.8
AILINGINAE	115	79	3.6	12,000		445	/58	400	/29.7	8.1
PONGTAP	109	100	5.6	9,800		*1400	/36	1350	30.9	8.9
ENIAETOK	105	98.5	5.4	46,800		*3000	/53.2			8.9
RONGERIK	098	133	*8	9,000		2000	/28.5			10.4
TAONGI	052	280				1.4	32.6			
BIKAR	084	285	16.3	1,400		600	33.0			14.4
UTIRIK	096	270	21.6	450		160	/55	53/10	/6.3 days	10.2
TAKA	097	261	20.3	290		160	/34			10.4
MEJIT	104	340	30.2							9.6
AILUK	107	291	27.1	110		76	34.8			8.9
JEMO	110	268	24.8			18	34.7			8.8
LIKIEP	115	262				6	34.9			8.1
NAMU	142	265				.016	48.5			4.2
AILINGLAPAP	142	338				.08	48.9			4.8
ARNO	127	464				0.6	51.6			5.3
MAJURO	128	441				2.0	51.4			5.5
AUR	122	409				.36	50.9			5.9
MALOELAP	117	387	42.3			3.6	50.6			7.1
ERIKUB	119	321	40.0			4.0	50.2			6.8
WOTJE	114	321	39.0			20.0	50.0			6.0
KUSAIE	200	225				.5	54.4			
PONAPE	235	503								
UJELANG	215	222				2.0	49.5			
PINGELAP	220	426								

* Reading on ground.