

Allen

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ADDITIONAL INFORMATION:

UNAVAILABLE

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150°E

155°E

164°E

165°E

166°E

12°N

11°N

10°N

9°N

8°N

7°N

6°N

5°N

4°N

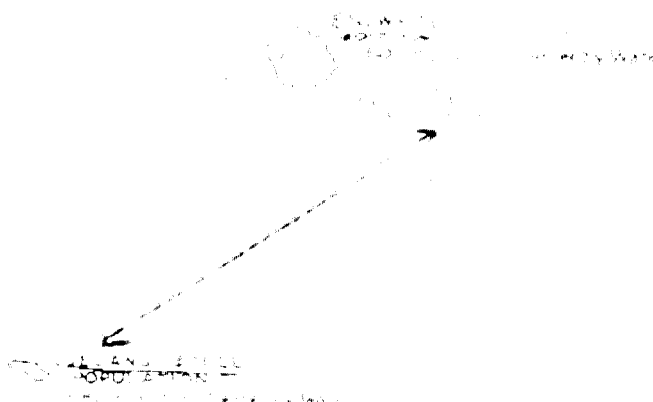
Marshall Islands TRUST TERRITORY OF THE

TOTAL POPULATION

BIKINI ATOLL
480mi. to OJ

AILINGINAI ATOLL

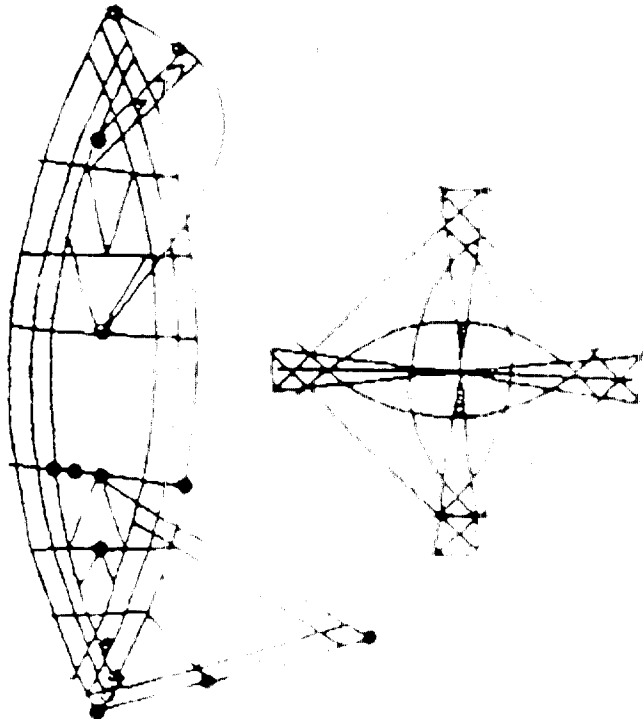
UJAE ATOLL
POPULATION
160 mi. to
by water



NOTE

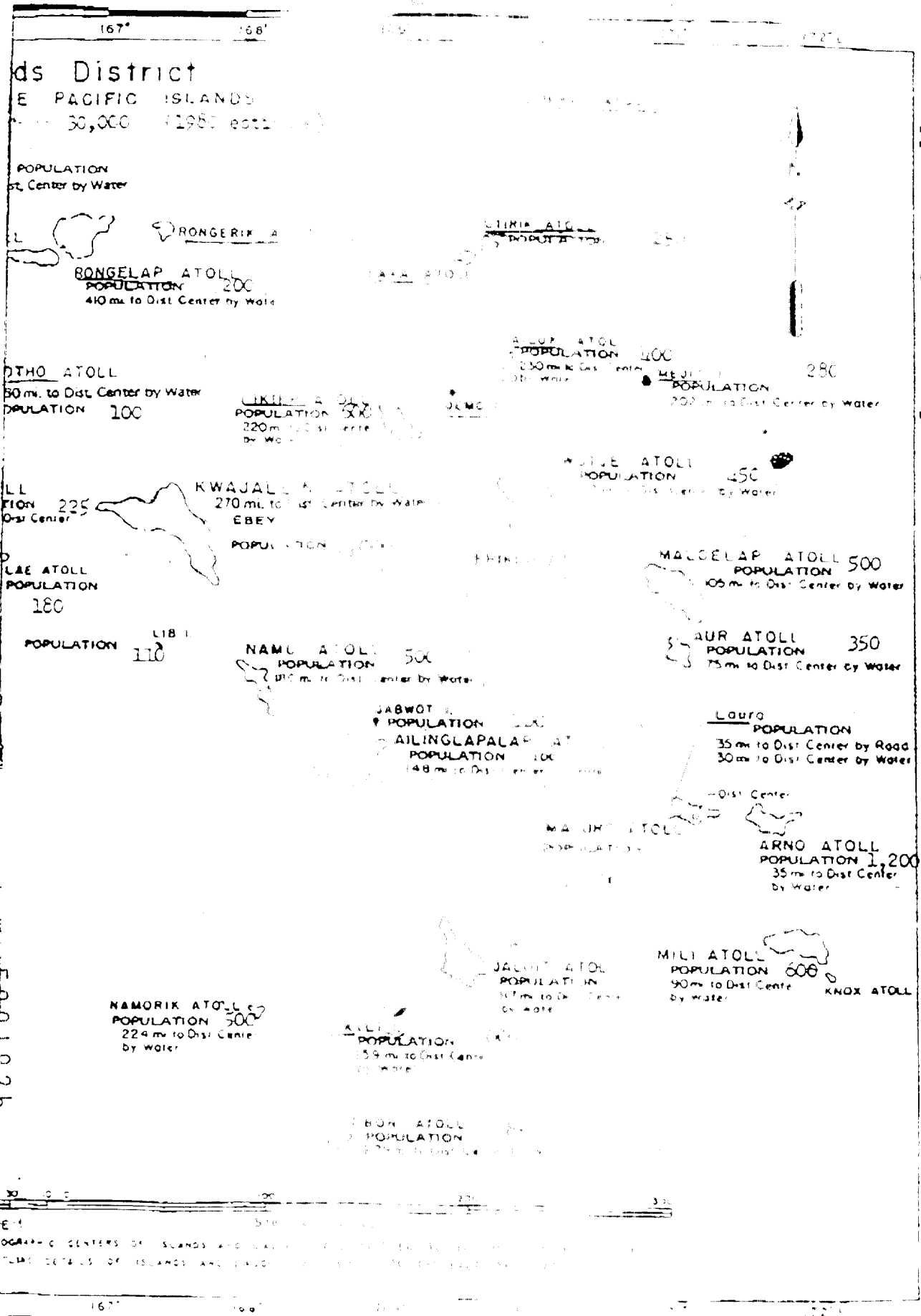
TRANSPORTATION ROUTES BETWEEN VILLAGES
BY WATER

WATER DISTANCE SCALE SCALED FROM EXISTING
LOOK IN THE OFFICIAL MUNICIPALITY



5004015

30
20



5001026

167° 168° 169° 170° 171° 172°

12° 11° 10° 9° 8° 7° 6° 5° 4°

Geographic centers of islands and atolls shown. Distances are in miles.
 Detail details of islands and atolls are shown in the inset maps.



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)
<u>FILE</u>				
KNAJWIEN	02180	0.6*	041200	0.5*
LEE	021210	.08	040710	.04
UJAE	02122	.10	040752	.06
WOTHG	021200	1.00	040819	1.60
BIKINI (N.M.P. ISLAND)			040913	96,000
BILINGHAE	021208	400.00	041011	200 to 390
RONGELAP (N.M.P. ISLAND)	021200	1350	(RONGELAP survey did not include RONGELAP ISLAND)	
RONGELAP	021100	720	041110	1050
TLOPH	021524	1.1	041533	1.6
BIKINI	021528	500	041632	160
UTIRI	021551	240	041655	48
TAKA	021650	160	041702	44
ILUK	021700	70	041810	20
JEMO	021700	18	041820	12
LIKIEP	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.)

BIKINI

NAMO	030720	.02
BILINGHAE	030745	.08
NAMORIE	031123	.20
EBON	031217	.20
KILI	031224	.20
JALUIT	031206	.20
HILI	031109	.60
UJING	031028	.60
MAJURO	031016	2.0
LUR	030945	.40
MALOELAP	030924	1.6
ERIKUB	030902	1.0
WOTJE	030850	2.0





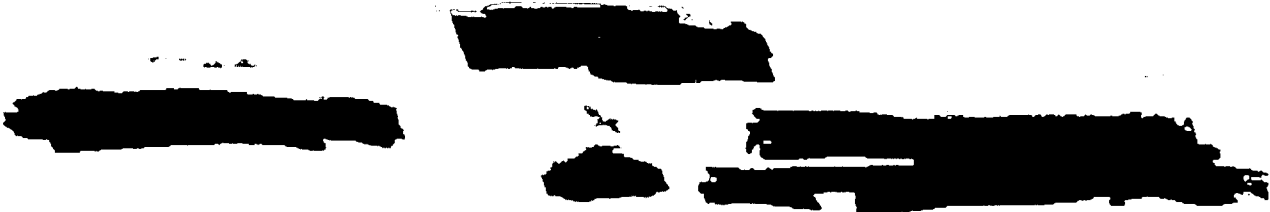
<u>LOCATION</u> (ATOLL, UNLESS OTHERWISE INDICATED)	<u>LOCAL TIME</u> <u>MARK</u>	<u>MAXIMUM</u> <u>GROUND</u> <u>INTENSITY</u> (<u>mr/hr</u>)
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CHARLIE

KUSALI	031301	0.8
PINGELAP	031204	0.6
MOKIL	031130	0.6
PONAPE	030944	0.8
UJELANG	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 TROPOPAUSE
LAE	160	174	439hrs					3.2
UJNE	170	168	437					3.2
WOTHO	154	100	413.2	2.3	.08			3.8
AILINGINAE	115	79	3.6	12,000	0.1	458	400	4.1
PONGFLAF	109	100	5.6	7,800	1.0	436	1350	8.9
ENISEVOK	105	98.5	5.4	6,800	41400	453.2		8.9
ROUGERTK	78	133	48	3,000	3000	228.5		8.9
ESRGT	52	180			1.4	12.6		10.4
BIKAR	44	265	16.5	1,600	600	17.5		9.6
TIRIP	76	170	11.8	1,200	160	55		8.8
TAKA	77	161	10.5	1,200	160	34		8.1
MEJIT	104	340	30.2					8.1
AILUK	107	291	27.1	116	76	34.8		8.1
JENC	110	268	24.8		18	34.7		8.1
LIKIEI	115	262			6	34.9		8.1
NAU	142	265			0.16	48.5		8.1
AILINGINAE	142	198			0.8	48.9		8.1
ARHO	127	164			1.6	51.6		8.1
MAHHO	79	141			1.0	51.4		8.1
ZUR	22	117			1.0	50.9		8.1
KIAGELAI	17	107			1.0	50.6		8.1
ERIKUR	19	121			1.0	50.2		8.1
WOTJE	114	121			1.0	50.0		8.1
KUSAE	200	225			1.0	50.0		8.1
PONAPE	235	509			1.5	54.4		8.1
UJELANG	205	206						8.1
PINGELAP	320	426				47.5		8.1

* Reading of ground.

5001829