

MR 005 (1) WEATHER -- NATURAL AND PHYSICAL SCIENCES

SECTION I -- 1942 & 1943

MR 005 WEATHER--NATURAL AND PHYSICAL SCIENCES
SECTION I -- 1942 & 1943

DECLASSIFIED

OP-16-FA-5

AS-2/EP61

Confidential

Serial No. 02236818

NAVY DEPARTMENT

OFFICE OF THE CHIEF OF NAVAL OPERATIONS

WASHINGTON

URGENT

MEMORANDUM

From: Director of Naval Intelligence.
To: Naval Aide to the President.
Subj: Weather Conditions on the Russo-German Front for
September, October, and November 1943 - information on.

1. In accordance with the oral request made by Lieutenant (jg)
Klsey, of the Naval Aide's office, the following information is
transmitted herewith:

FAR NORTHERN FRONT (Murmansk - Leningrad)

- (a) In this area, inland waterways freeze during late October
or early November.
- (b) The ground is ordinarily covered with snow from late
October.
- (c) There is a monthly precipitation of 2.2 inches during
September and October, and 1.4 inches in November.

NORTHERN FRONT (Leningrad-Velikie Luki)

- (a) Inland waterways freeze during November in this area.
- (b) Snow begins to fall during the last week in October.
- (c) There are 2.2 inches of precipitation during September,
1.8 inches during October, and 1.3 inches during November.

CENTRAL FRONT (Velikie Luki-Bryansk)

- (a) Inland waterways freeze during the latter part of
November.
- (b) Snow begins to fall during the last week in October.
- (c) There are 2 inches of precipitation during September,
1.9 inches during October, and 2.4 inches during
November.

SOUTHERN FRONT (Bryansk-Tambov)

- (a) Inland waterways freeze during the end of November.
- (b) There is very little snow during September, October and
November.
- (c) There are about 1.5 inches of precipitation a month
during September, October, and November.

MIDLAND FRONT

- (a) During September, October, and November, there is little
or no freeze or snow in this area.
- (b) There are 1.9 inches of precipitation during September,
1.6 inches during October, and 2.6 inches in November.

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DEC 12 1973

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OSD Letter, 5-3-72

005

RECEIVED
Copy to Director N.R.

AFROM

2 November 1943

MEMORANDUM FOR: Chief of Staff, U. S. Army

Subject: The Effect of Weather Upon Air Operations During
November on the Route Gibraltar to Cairo

1. November marks the beginning of the stormy season in the western Mediterranean area. During this month Gibraltar, the western terminus of the route, presents an average of 11 days with precipitation, while Cairo, the eastern terminus, presents an average of 2 to 6 days.
2. Cloudiness during November varies from 50% at Gibraltar to 30% at Cairo. Only one or two days of fog are expected during the month. Thunderstorms may be expected not more than 2 or 3 days during November.
3. Considering the route as a whole, summations of the flying hazards would indicate that an average of 20 flyable days will be possible on the route from Gibraltar to Cairo. From Cairo to Gibraltar, at least 15 flyable days may be depended upon.

For the Commanding General, Army Air Forces:

D. N. YATES
Colonel, Air Corps
Chief, Weather Information Branch
Weather Division
Office, Asst Chief of Air Staff
Operations, Commitments & Requirements

1005-

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM		ASTERISK (*) MAILGRAM ADDRESSEES	
RELEASED BY	COMAIRSOPAC AEROLGIC	FOR ACTION	OP OP OP ROUTINE DEFERRED
DATE	2 JULY 43	USS WACKINAC	
TOR CODEROM	1724	FOR INFORMATION	OP OP OP ROUTINE DEFERRED
DECODED BY	GREENE	COMSCOWESPAC	
PARAPHRASED BY	THOMSON		
ROUTED BY			

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

PAGE 1 OF 2

ORIGINATOR FILL IN DATE AND TIME

21325

NCR 7332

GCT

ON OUTGOING DISPATCHES PLEASE LEAVE ABOUT ONE INCH CLEAR SPACE BEFORE BEGINNING TEXT

ACTION

-INTERCEPT-

(FROM COMAIRSOPAC AEROLGIC. INFO FABU 5 OF RDO EFATE.)

FRONTAL ZONE WILL EXTEND TO 02 3RD FROM SOUTHERN NEW GUINEA THE CENTRAL SOLOMONS NE TO GILBERTS. ANOTHER ZONE FROM THIS ZONE IN THE CENTRAL SOLOMONS SOUTHEASTWARD MASSING BETWEEN THE BANKS AND SANTA CRUZ ISLANDS TO NORTHERN FIJIS. THESE ZONES MARKED BY CLOUDY TO OVERCAST SKIES SHOWERS AND SQUALLS BASE OF LOW CLOUD AVERAGING 900 FEET 66 MILES LOWERING TO 500 FEET AND 1 MILE IN HEAVIER SHOWERS WINDS VARIABLE AND GUSTY. REMAINDER OF AREA PARTLY CLOUDY TO CLOUDY SCATTERED SHOWERS AVERAGE BASE 1200 FEET 615 MILES LOWERING IN SHOWERS TO 800 FEET AND 5 MILES WIND SE TO E 14 TO 18 KNOTS FLYING CONDITIONS AVERAGE EXCEPT

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OSD Letter, 5-8-72
DEC 12 1973

OPNAV-NCR 14

027325 005

U. S. GOVERNMENT PRINTING OFFICE 16-52815-3

MESSAGE

NAVY DEPARTMENT

EXTENSION NUMBER		ADDRESSEES	PRECEDENCE
FROM _____		ASTERISK (*) MAILGRAM ADDRESSEES	PRIORITY
RELEASED BY _____			ROUTINE
DATE _____			DEFERRED
TOR CODEROOM _____		FOR ACTION	
DECODED BY _____			
PARAPHRASED BY _____			
ROUTED BY _____			
		INFORMATION	PRIORITY
			ROUTINE
			DEFERRED

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

PAGE 2 OF 2
 ORIGINATOR FILL IN DATE AND TIME
 121325
 DATE
 NCR 7332
 TIME
 GCT

ON OUTGOING DISPATCHES PLEASE LEAVE ABOUT ONE INCH CLEAR SPACE BEFORE BEGINNING TEXT

ACTION

F-0
F-01
F-02
F-015
F-0115
F-05
F-07
F-1
F-11
F-2
F-3A
F-30
F-31
F-32
F-33
F-34
F-35
F-3B
F-36
F-37
IG-00
VCNO

IN FRONTAL ZONES.

DECLASSIFIED
 E.O. 11652, Sec. 3(E) and 5(D) of (C)
 OSD letter, May 3, 1971
 By RHP, NARS Date DEC 12 1973

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Make original only. Deliver to Code Room Watch Officer in person. (See Art. 76 (4) NAVREGS.)

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM	VICE CNO	ASTERISK (*) MAILGRAM ADDRESSEES	PRIORITY
RELEASED BY	H C TRAIN	ALUSNA MOSCOW	ROUTINE
DATE	2 JUNE 1943		DEFERRED
TOR CODEROOM	1518/2		
DECODED BY	MORRIS		PRIORITY
PARAPHRASED BY	HUTCHINSON		ROUTINE
ROUTED BY			DEFERRED

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

021503

NCR 1912

ORIGINATOR FILL IN DATE AND TIME	DATE	TIME	GCT
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ON OUTGOING DISPATCHES PLEASE LEAVE ABOUT ONE INCH CLEAR SPACE BEFORE BEGINNING TEXT

ACTION

F-0
F-01
F-02
F-015
F-0115
F-05
F-07
F-1
F-11
F-2
F-3A
F-30
F-31
F-32
F-33
F-34
F-35
F-3B
F-36
F-37
IG-00
VCNO

ONLY STATEMENTS FOUND IN AMERICAN NEWSPAPERS
URDIS 271314 ARE IN CONNECTION WITH THE RECENT
RUSSIAN-JAPANESE FISHING AGREEMENT WHICH IT IS
STATED PERMITS JAPANESE FISHING VESSELS OPERATING
OFF SIBERIAN COAST TO SEND IN WEATHER REPORTS
AND GIVE ADVANCE KNOWLEDGE OF WEATHER TO BE

EXPECTED IN ALEUTIAN AREA. FIRST STATEMENTS
TO THIS EFFECT WERE MADE PRIOR SPERANSKI'S
DEPARTURE AND WERE RECENTLY REITERATED BY
ADMIRAL YARNELL IN A SPEECH AT BOSTON. SPERANSKI

ON SEVERAL OCCASIONS FIRMLY DENIED THAT ANY
WEATHER INFORMATION WAS GIVEN BY SOVIETS TO

JAPANESE. LIEUTENANT CHASE WAS ACTING AS
INTERPRETER WHEN THESE STATEMENTS WERE MADE.

OFFICERS HAVING CLOSE CONTACT WITH SOVIET
MISSION DURING ENTIRE TIME THEY WERE IN THE

UNITED STATES ARE OF OPINION THAT SPERANSKI
STATEMENT IS CORRECT.

16...ORIG

10/11...13...BAVAIDE...20G...COMINCH...BUAER...FILE

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OSD Letter, 5-8-72
DEC 12 1973

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OPNAV-NCR 14

U. S. GOVERNMENT PRINTING OFFICE 16-50818-2

021503

005

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
ALUSNA MOSCOW		ASTERISK (*) MAILGRAM ADDRESSEES	
FROM		CNO	PRIORITY RRRRR ROUTINE DEFERRED
RELEASED BY			
DATE	28 MAY 1943		
TOR CODEROOM	0131		
DECODED BY	BROWN		PRIORITY ROUTINE DEFERRED
PARAPHRASED BY	WILLIAMS		
ROUTED BY	ROBINSON		

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

271314

NCR 36007

ORIGINATOR	FILL IN DATE AND TIME	DATE	TIME	GCT
ON OUTGOING DISPATCHES PLEASE LEAVE ABOUT ONE INCH CLEAR SPACE BEFORE BEGINNING TEXT				

ACTION

F-0
F-01
F-02
F-015
F-0115
F-05
F-07
F-1
F-11
F-2
F-3A
F-30
F-31
F-32
F-33
F-34
F-35
F-3B
F-36
F-37
IG-00
VCNO

TASS PRINTS FOLLOWING TODAY:

"ACCORDING TO AMERICAN PAPERS A FEW ISOLATED CIRCLES ARE SPREADING RUMORS TO THE EFFECT THAT ON SOVIET TERRITORY THERE ARE METEOROLOGICAL STATIONS FURNISHING ASSISTANCE TO THE JAPANESE ARMED FORCES AGAINST THE UNITED STATES. TASS STATES WITH FULL AUTHORITY THAT THIS PREVIOUSLY DENIED CANARD IS THE FRUIT OF FLIGHTS OF FANCY OF THE AUTHORS IS WITHOUT FOUNDATION AND IS DISTRIBUTED WITH A VERY EVIDENT TENDENTIOUS PURPOSE."

REQUEST ANY BACKGROUND CONCERNING ABOVE WHICH I MAY USE IN CASE FEDOROV INQUIRES.

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OSD Letter, 5-3-72
DEC 12 1973

16....ACT

10/11....13...NAVAIDE....20G....CONTINCH....FILE~~CONFIDENTIAL~~

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OPNAV-RCR 14

U. S. GOVERNMENT PRINTING OFFICE 16-22918-2

271314

005

NAVAL MESSAGE

NAVY DEPARTM

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM ALUSNA MOSCOW	FOR ACTION	OPNAV	PRIORITY RRRRRR
RELEASED BY			ROUTINE
DATE 17 MAY 43			DEFERRED
TOR CODEROOM 1706	INFORMATION		PRIORITY
DECODED BY NILES/MONROE			ROUTINE
PARAPHRASED BY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

ROONEY

170908

NCR 8099

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

ORIGINATOR FILL IN DATE AND TIME	DATE	TIME	GCT

TEXT

ACTION

F-00
F-01
F-015
F-0015
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F-07
F-1
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F-3
F-30
F-31
F-32
F-33
F-34
F-35
F-37
IG-00
VCNO

FOLLOWING RECEIVED AS ALUSLO FAIRBANKS 150540.
 QUOTE: SYNOPTIC WEATHER REPORTS BROADCAST FROM
KHMRBAROVSK CONTAIN MANY ERRORS AS TO SUGGEST
POSSIBILITY DELIBERATE DISTORTION. MESSAGE AT
140220 GREENWICH EXAMPLE. OPERATING FORCES ALEUTIANS
DEMAND CORRECTIVE ACTION. UNQUOTE. DOES OPNAV
 CONCUR IN STATEMENT MADE ABOVE

13....ACTION.

CNO16....2024....208....COMINCH....BUAER....FILE

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E.O. 11652, Sec. 3(E) and 5(D) or (E)

OSD letter, May 3, 1972

By RHP, NARS Date DEC 12 1973

*Pass saw
in New York
office + PH 1000
at 172225.*

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NCR-15

170908

005

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NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM CINCPAC	FOR ACTION	ALL UNITS 80PAC COM80PAC	PRIORITY
RELEASED BY			ROUTINE
DATE 12 DECEMBER 1942			DEFERRED
TOR CODEROM 2317/2155	INFORMATION	COMSOWESTPAC	PRIORITY
DECODED BY PARSONS/PARSONS			ROUTINE
PARAPHRASED BY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

INTERCEPT**112055****NCR 8454-J**

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

ACTION

ZEAL. FROM CINCPAC.

<input type="checkbox"/>	F-00
<input type="checkbox"/>	F-01
<input type="checkbox"/>	F-015
<input type="checkbox"/>	F-0015
<input type="checkbox"/>	F-05
<input type="checkbox"/>	F-07
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<input type="checkbox"/>	F-11
<input type="checkbox"/>	F-2
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<input type="checkbox"/>	F-30
<input type="checkbox"/>	F-31
<input type="checkbox"/>	F-32
<input type="checkbox"/>	F-33
<input type="checkbox"/>	F-34
<input type="checkbox"/>	F-35
<input type="checkbox"/>	F-37
<input type="checkbox"/>	IG-00
<input type="checkbox"/>	VCNO
<input type="checkbox"/>	
<input type="checkbox"/>	

**WEATHER AT RABOUL. SURFACE WIND CALM LIGHT RAIN OVERCAST
NIMBUS AT 1500 FEET VISIBILITY 1/2 MILES. CUMULUS NIMBUS
CLOUD TO EAST AND WEST.**

SPECIAL DISTRIBUTION

**THREE COPIES TO 20-G
SIX COPIES TO F-341**

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E.O. 11652, Sec. 3(E) and 5(D) or (E)

OSD letter, May 3, 1972

By RHP, NARS Date **DEC 12 1973****SECRET**

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U. S. GOVERNMENT PRINTING OFFICE 16-22819-1

112055

005

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM COMAIRSOPAC	FOR ACTION	ALL TASK FORCES UNDER MY COMMAND	OP OP OP OP
RELEASED BY			ROUTINE
DATE 11 DEC 1942			DEFERRED
TOR CODEROOM 1422/1314	INFORMATION		PRIORITY
DECODED BY MIKELL			ROUTINE
PARAPHRASED BY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

111123

NCR 8054

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

ORIGINATOR FILL IN DATE AND TIME DATE TIME GCT

TEXT

INTERCEPT

ACTION

F-00
F-01
F-015
F-0015
F-05
F-07
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F-30
F-31
F-32
F-33
F-34
F-35
F-37
IG-00
VCNO

WEATHER FORECAST

OPERATING AREA FORECAST FOR 12TH. WEAK WAVE DEVELOPMENT IS CENTERED 100 MILES WEST OF EFETE WITH WEAK FRONTAL ZONE EXTENDING NORTH TO VANIKORO. PARTLY CLOUDY NOW AND MIDDLE CLOUDS IN WEST PORTION CLOUDY TO OCCASIONAL OVERCAST IN EAST PORTION. SCATTERED SHOWERS AND SQUALLS BECOMING MORE FREQUENT IN FRONTAL ZONE. CEILING 1000 FEET CLOUD TOPS 70,000 WITH THUNDERHEADS TO 20,000. VIS 20 MILES EXCEPT 2 MILES IN SQUALLS WITH CEILING LOWERING TO 500 FEET. WIND SURFACE TO 5000 FEET SOUTHEAST 10 KNOTS IN WEST PORTION SOUTHEAST FIFTEEN IN EAST PORTION. 10,000 NORTH 25 15,000

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OSD letter, May 3, 1972

By RHP, NARS Date DEC 12 1973

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111123

005

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NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM _____	FOR ACTION		PRIORITY
RELEASED BY _____			ROUTINE
DATE _____			DEFERRED
TOR CODEROOM _____	INFORMATION		PRIORITY
DECODED BY _____			ROUTINE
PARAPHRASED BY _____			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

111123

NCR 8054

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

ORIGINATOR FILL IN DATE AND TIME	DATE	TIME	GCT
TEXT			

ACTION

<input type="checkbox"/>	F-00
<input type="checkbox"/>	F-01
<input type="checkbox"/>	F-015
<input type="checkbox"/>	F-0015
<input type="checkbox"/>	F-05
<input type="checkbox"/>	F-07
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<input type="checkbox"/>	F-11
<input type="checkbox"/>	F-2
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<input type="checkbox"/>	F-31
<input type="checkbox"/>	F-32
<input type="checkbox"/>	F-33
<input type="checkbox"/>	F-34
<input type="checkbox"/>	F-35
<input type="checkbox"/>	F-37
<input type="checkbox"/>	IG-00
<input type="checkbox"/>	VCNO
<input type="checkbox"/>	
<input type="checkbox"/>	

NORTHWEST 30 AVERAGE TO GOOD FLYING CONDITIONS EXCEPT
IN SQUALLS. OUTLOOK FOR 13TH. CLOUDY PASSING SHOWERS
AVERAGE FLYING AND LANDING CONDITIONS IN SOLOMONS.

PASSED TO WEATHER CENTRAL

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E.O. 11652, Sec. 3(E) and 5(D) or (E)

OSD letter, May 8, 1972

By RHP, NARS Date DEC 12 1973

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U. S. GOVERNMENT PRINTING OFFICE 16-55515

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM COMAIRSOPAC	FOR ACTION	TASKFORCE 60	OP ^{PRIORITY} OP OP OP
RELEASED BY			ROUTINE
DATE 15 NOVEMBER 1942			DEFERRED
TOR CODEROOM 1247/1227	INFORMATION	COMSOUWESTPACFOR	OP ^{PRIORITY} OP OP OP
DECODED BY WNISNANT/WHISNANT			ROUTINE
PARAPHRASED BY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

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UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

ORIGINATOR FILL IN DATE AND TIME DATE TIME GCT

TEXT

INTERCEPT

ACTION

	F-00
	F-01
	F-015
	F-0015
	F-05
	F-07
	F-1
	F-11
	F-2
	F-3
	F-30
	F-31
	F-32
	F-33
	F-34
	F-35
	F-37
	IG-00
	VCNO

FORECAST FOR 16TH. OPERATING AREA. A QUABISTATIONARY FRONT EXTENDS FROM ROTUMA TO DANIIORO EXTENDS ON EASTWARD TO RENNELL ISLAND. ENTIRE AREA PARTLY CLOUDY TO CLOUDY WITH LOW AND INTERMEDIATE CLOUDS. SCATTERED SHOWERS BECOMING MODERATE IN VICINITY OF FRONT. BASE OF LOW CLOUDS AVERAGING 1,000 TO 1,500 FEET TOPS ⁴ 4,000 AND OCCASIONAL TOPS 7,000 VISIBILITY 15 MILES EXCEPT 1 TO 3 IN SHOWERS WINDS TO 5,000 FEET EASTSOUTHEAST 15 TO 20 KNOTS EXCEPT FAR NORTHERN OPERATING AREA WHERE NORTHEAST 10 TO 15 SURFACE AND ALOFT FLYING CONDITIONS GOOD EXCEPT IN VICINITY OF FRONT WHERE AVERAGE. OUTLOOK FOR 17TH. BROKEN WITH SCATTERED SHOWERS AVERAGE FLYING AND LANDING CONDITIONS IN SOLOMONS.

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OSD letter, May 3, 1972

By RHP, NARS Date DEC 12 1973

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NCR-1

151045

005

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM CINCPAC	FOR ACTION	COMSOPAC	OP OP OP OP
RELEASED BY			PRIORITY
DATE 15 NOVEMBER 1942			ROUTINE
TOR CODEROOM 1114/1050	INFORMATION	COMAIRSOPAC	OP OP OP OP
DECODED BY YANOVER/YANOVER			PRIORITY
PARAPHRASED BY			ROUTINE
			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

**LIMITED
DISTRIBUTION****150955 NCR 9401 L**

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

ORIGINATOR FILL IN DATE AND TIME DATE TIME GCT

TEXT

INTERCEPT

ACTION

F-00
F-01
F-015
F-0015
F-05
F-07
F-1
F-11
F-2
F-3
F-30
F-31
F-32
F-33
F-34
F-35
F-37
IG-00
VCNO

ZEAL FROM CINCPAC

WEATHER 0700 15TH FOLLOWS: RABAU SURFACE WIND WEST
 4 KNOTS INTERMITTENT RAIN TOTAL OVERCAST FIVE TENTHS LOWER
 NIMBO STRATUS BASE 1500 FEET. CONSIDERABLE LOW TYPE
 STRATUS TO SAIL EASY VISIBILITY 2 TO 6 MILES. KAVIENG
 SURFACE WIND EAST 2 KNOTS. TOTAL CLOUD OVERCAST WITH
 BREAKS BASE CLOUDS 2 TO 3 THOUSAND FEET VISIBILITY 12 MILES
 LAE SURFACE WIND SOUTHEAST 4 KNOTS. TOTAL CLOUD OVERCAST.
 LOWER CLOUD CULULO NIMBUS THREE TENTHS^{MS} BASE 2 TO 3 THOU-
 SAND FEET.

3 COPIES TO 20G....**LIMITED DISTRIBUTION****~~SECRET~~**DECLASSIFIED
OBD Letter, 5-3-72
DEC 12 1973

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U. S. GOVERNMENT PRINTING OFFICE 16-52818-1

3005

NAVAL MESSAGE

COMSOPAC

NAVY DEPARTMENT

OP OP OP

DRAFTER

EXTENSION NUMBER

DTP 61

PRECEDENCE

FROM

14 NOVEMBER 42

RELEASED BY

1231/1200

DATE

FISHWICK/WATSON

TOR CODEROOM

DECODED BY

PARAPHRASED BY

141039

NCR 8635

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

FOR ACTION

INFORMATION

COMSOWESTPAC

PRIORITY

ROUTINE

DEFERRED

PRIORITY

ROUTINE

DEFERRED

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

INTERCEPT

ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

FORECAST FOR 15TH.

ENTIRE OPERATING AREA. SEA STATIONARY FRONT 100

MILES NORTHEAST OF NDENI EXTENDS NORTHWEST TO NEW IRELAND AND SOUTHEAST OF THE FIJI ISLANDS. CLOUDY WITH LOW AND MIDDLE CLOUDS BECOMING OVERCAST. FRONTAL ZONE SCATTERED SHOWERS OVER ENTIRE AREA BECOMING MORE FREQUENT IN FRONTAL ZONE CEILING AVERAGING 1500 FEET AND VISIBILITY 20 MILES LOWERING TO 500 FEET AND 2 MILES IN RAIN CLOUD TOPS 4000 FEET EXCEPT IN FRONTAL ZONE WHERE 10,000 WIND SURFACE TO 6000 FEET ^{ST(?)} EAKD AND SOUTHEAST 15 TO 20 KNOTS VEERING WITH ALTITUDE TO NORTHWEST 15 KNOTS. FLYING CONDITIONS AVERAGE TO BELOW AVERAGE IN FRONTAL ZONE AND OVER ISLANDS AT TIMES.

OUTLOOK FOR 16TH. BROKEN WITH SHOWERS AND AVERAGE TO BELOW AVERAGE FLYING AND LANDING CONDITIONS IN SOLOMONS.

ACTION

<input type="checkbox"/>	F-00
<input type="checkbox"/>	F-01
<input type="checkbox"/>	F-015
<input type="checkbox"/>	F-0015
<input type="checkbox"/>	F-05
<input type="checkbox"/>	F-07
<input type="checkbox"/>	F-1
<input type="checkbox"/>	F-11
<input type="checkbox"/>	F-2
<input type="checkbox"/>	F-3
<input type="checkbox"/>	F-50
<input type="checkbox"/>	F-51
<input type="checkbox"/>	F-32
<input type="checkbox"/>	F-33
<input type="checkbox"/>	F-34
<input type="checkbox"/>	F-35
<input type="checkbox"/>	F-37
<input type="checkbox"/>	IG-00
<input type="checkbox"/>	VCHO

DECLASSIFIED
OSD Letter, 5-3-72
DEC 12 1973

Make original only. Deliver to communication watch officer in person. (See Art. 76 (4) NAVREGS.)

U. S. GOVERNMENT PRINTING OFFICE 16-53515-1

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM COMAIRSOPAC	FOR ACTION	ALL TASKFORCES SOPAC COMBOWESTPAC	OP <small>PRIORITY</small> OP OP
RELEASED BY			ROUTINE
DATE 27 OCTOBER 1962	INFORMATION		DEFERRED
TOR CODEROOM 1540/1415			PRIORITY
DECODED BY YEAGER/PARSONS			ROUTINE
PARAPHRASED BY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

LIMITED DISTRIBUTION

271101

NCR 6145L

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ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

INTERCEPT

ACTION

F-00	FORECAST FOR 28TH. ENTIRE OPERATING AREA. A WIDE FRONTAL
F-01	ZONE OF MODERATE INTENSITY EXTENDED FROM ROYES NORTHWESTWARD
F-015	TO RENNEL ISLAND AT 1800L/ MOVING EASTWARD SLOWLY. FRONTAL
F-0015	ZONE EXPECTED OVER SOLOMONS AT NOON TOMORROW. PARTLY CLOUDY
F-05	TO CLOUDY WITH INTERMEDIATE AND LOW CLOUDS BASE AVERAGING 1500
F-07	FEET TOPS 5000 EXCEPT IN FRONTAL ZONE WHERE LOW OVERCAST AT
F-1	500 FEET WITH MODERATE CONTINUOUS RAIN AND SHOWERS TOPS 15
F-11	TO 20000 FEET VISIBILITY 20 MILES EXCEPT ONE HALF MILE IN FRON-
F-2	TAL ZONE WINDS EAST TO SOUTHEAST 10 TO 15 KNOTS WITH GUSTS OF
F-3	25 AT FRONTAL ZONE WINDS ALOFT SOUTHEAST 20 TO 25 KNOTS EAST
F-30	OF FRONTAL ZONE WHERE NORTHWEST 15 KNOTS WEST OF FRONTAL ZONE
F-31	FLYING CONDITIONS AVERAGE EXCEPT UNDESIREABLE IN FRONTAL ZONE.
F-32	OUTLOOK FOR 29TH. CLOUDY BECOMING OVERCAST WITH MODERATE
F-33	SHOWERS OVER SOLOMONS FLYING AND LANDING CONDITIONS BELOW
F-34	AVERAGE.
F-35	
F-37	
IG-00	
VCNO	

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OBD Letter, 5-8-72

DEC 12 1973

CONFIDENTIAL

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U. S. GOVERNMENT PRINTING OFFICE 16-52818

271101

005

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER

EXTENSION NUMBER

ADDRESSEES

PRECEDENCE

FROM COMAIRSOPACFOR

RELEASED BY

FOR ACTION

ALL TASK FORCE
CMDRS SOUTH PAC.PRIORITY
OP PRIORITY
ROUTINE

DEFERRED

DATE OCTOBER 26, 1942

TOR CODEROOM

1430

INFORMATION

COMSOWESTPACFOR

PRIORITY
OP PRIORITY
ROUTINE

DEFERRED

DECODED BY CONNOR/MALCOLMSON

PARAPHRASED BY

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

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ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

ACTION

INTERCEPT

LIMITED DISTRIBUTION

F-00

F-01

F-015

F-0015

F-05

F-07

F-1

F-11

F-2

F-3

F-30

F-31

F-32

F-33

F-34

F-35

F-37

IG-00

VCNO

FORECAST FOR TWENTY SEVENTH ENTIRE OPERATING AREA. A
WEAK COLD FRONT IS APPROACHING THE SOLOMONS AND NEW
HEBRIDES FROM THE WEST AND A WEAK WAVE IN AN INTER-
TROPICAL FRONT IS CENTERED NORTH OF THE SANTA CRUZ
AREA. CLOUDY OVER ENTIRE AREA WITH MIDDLE AND LOW CLOUDS
BASE FIFTEEN HUNDRED TO TWO THOUSAND FEET FREQUENT
SHOWERS IN SOLOMONS AND NEW HEBRIDES AREA VISIBILITY TEN
MILES IN SOLOMONS AND NEW HEBRIDES TWENTY IN SANTA CRUZ
CEILING LOWERING TO FIVE HUNDRED FEET AND VISIBILITY
TO TWO MILES IN SHOWERS TOPS OF LOW CLOUDS FOUR THOUSAND
FEET WITH SCATTERED CUMULO NIMBUS TOWERING TO TWELVE
THOUSAND FEET WIND EASTERLY FIFTEEN TO TWENTY KNOTS TO
SIX THOUSAND FEET WESTERLY FIFTEEN KNOTS ALOFT. FLYING
AND LANDING CONDITIONS AVERAGE. OUTLOOK FOR TWENTY EIGHTH.
CLOUDY WITH IMPROVED FLYING AND LANDING CONDITIONS

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OSD Letter, 5-8-78

DEC 12 1973

U. S. GOVERNMENT PRINTING OFFICE 16-53018

261008

005

18 SO 104 GOVT

WASHINGTON DC AUGUST 28 1942

INFORMATION: COMINCH DUTY OFFICER

OPERATIONS DUTY OFFICER

COM GULFSEA FRONTIER HAS DIRECTED FOLLOWING STORM WARNING BE
ISSUED IN PLAIN LANGUAGE TO ACTIVITIES IN EFFECTED AREA OF COM
SEVEN AND COM EIGHT.

FROM NEW ORLEANS LA 172228

STORM WARNINGS ORDERED AS FOLLOWS:

HOIST STORM WARNINGS 5:30 PM PORT EADS LA TO BROWNSVILLE TEXAS
AND SMALL CRAFT WARNINGS EAST OF PORT EADS TO CARABELLE FLORIDA.
WINDS WILL INCREASE SATURDAY ON LOUISIANA AND TEXAS
COASTS AND CONTINUED FRESH TO STRONG SHORT DISTANCE OFFSHORE
EAST OF PORT EADS TO CARRABELLE FLORIDA. WEEK END VISITORS SHOULD
STAY AWAY FROM EXPOSED COASTAL ISLAND ALONG TEXAS AND LOUISIANA
COAST AND SMALL CRAFT SHOULD NOT VENTURE INTO GULF.. DYKE
634PM ENT OPR SH. PLS ACK

ACTION COMINCH

20 28 38 OPDO F37 40

005

SECRET

WAR DEPARTMENT
CLASSIFIED MESSAGE CENTER

PO 101
Filed 164
efg

INCOMING MESSAGE

CCWD
August 20, 1942
1444Z

From: Moscow
To: WAR Washington DC

No. 22 August 19, 1942

Cite your Nr four two August fifth Russian weather service directly under high command with direct control all civil and Naval services and technical control separate Air Force weather service. All training and equipment under central office. Separate units furnish service to higher army echelons. Service divided into regions with main forecast and collection centers at regional Hqtrs. Information collected by wire and radio and forecasts disseminated with analyses from regional centers by radio only. All airports within regions have small forecasting staffs which draw two synoptic charts daily and issue forecasts with assistance of regional broadcasts. Regional centers draw four synoptic charts daily. Hydrographic and met services combined. Communications facilities controlled by Commissar of communications who guarantees priority on WX transmissions within specific limits. All regional directors have radio broadcasts facilities available and some use full time of station assigned. Control of both wire and radio communications facilities rests with commissar of communications however I am advised that adequate service is always made available to weather service. Synoptic weather information hydrographic data and forecasts are transmitted over these networks. For AFTSW from Yates. At present in Russia twenty five only

DECLASSIFIED

E.O. 11652, Sec. 3(E) and 5(D) or (E)

OSD letter, May 3, 1972

By RHP, NARS Date DEC 12 1973

26

SECRET
COPY No.

005
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SECRET

WAR DEPARTMENT
CLASSIFIED MESSAGE CENTER

INCOMING MESSAGE

Page 2

From: Moscow
To: War Washington DC
No. 22 August 19, 1942

RAOB and APOB stations and two hundred fifty
Pibals. WX stations on most northern Islands
from which will get reports for exchange. In
Moscow thirty day forecasts are prepared and
distributed reported only fair.

Bardley

FOOTNOTE: # 42 evidently erroneous reference -
WDCMC invited attention to # 44 (CM-OUT-
1038 - 8/4/42) CG AAF

ACTION: CG AAF

INFO COPIES: OPD, G-2, A-2

CM-IN-8519 (8/23/42) 0211Z

DECLASSIFIED

E.O. 11652, Sec. 3(E) and 5(D) or (E)

OSD letter, May 3, 1972

By RHP, NARS Date DEC 12 1973

M.I. 8, JOURNAL NO. 171 AUG 22 1942

26

SECRET
COPY No.

THE MAKING OF AN EXACT COPY OF THIS MESSAGE IS FORBIDDEN

NAVAL MESSAGE

NAVY DEPARTM

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM DUNCAN - MOSCOW	FOR ACTION	OPNAV	PRIORITY
RELEASED BY			ROUTINE
DATE 12 AUG 1942	INFORMATION		DEFERRED
FOR CODEROOM 2115/11			PRIORITY
DECODED BY CRISMELL			ROUTINE
PARAPHRASED BY HERSHEY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

111512 NCR 1824**ROONEY**

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

ORIGINATOR FILL IN DATE AND TIME	DATE	TIME	OCT
TEXT			

ZOT HABAROVSK HAS NOT BEEN RECEIVING FROM RADIO STATION CAPE SCHMIDT WEATHER REPORTS COVERING LATTER'S 9 CONTRIBUTING STATIONS. YOUR 301600. CAUSE OF FAILURE UNDER INVESTIGATION AND EXPECTED TO BE DETERMINED WITHIN WEEK. IF TRANSMISSION REPORTS FROM SAID STATIONS PROVES IMPOSSIBLE OTHER STATIONS SAME AREA WILL BE SUBSTITUTE. AM INFORMED UNOFFICIALLY RUSSIANS INTEND ACCEPTING MEMBERSHIP ON INTERNATIONAL WEATHER COMMITTEE AND WILL SEND REPRESENTATIVES.

DISTRIBUTION

13..ACTION

RECOR: COMINCH. (P1A) ..BUAER..COSARMY..20T..19..OPDO..

FILES: DIV..

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DEC 12 1973
111512

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U. S. GOVERNMENT PRINTING OFFICE 16-58812-1

111512

005

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM WAR DEPT WASHN D C	FOR ACTION	MILITARY ATTACHE AMERICAN EMBASSY MOSCOW RUSSIA	PRIORITY
RELEASED BY			ROUTINE
DATE 5 AUGUST, 1942			DEFERRED
TOR CODEROOM 051615	INFORMATION		PRIORITY
DECODED BY			ROUTINE
PARAPHRASED BY SMITH			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

LT KELLY 051615(FOR FILING ONLY) NCR 7249 PAGE 1

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ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

ACTION

<input type="checkbox"/>	F-00
<input type="checkbox"/>	F-01
<input type="checkbox"/>	F-015
<input type="checkbox"/>	F-0015
<input type="checkbox"/>	F-05
<input type="checkbox"/>	F-07
<input type="checkbox"/>	F-1
<input type="checkbox"/>	F-11
<input type="checkbox"/>	F-2
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<input type="checkbox"/>	F-31
<input type="checkbox"/>	F-32
<input type="checkbox"/>	F-33
<input type="checkbox"/>	F-34
<input type="checkbox"/>	F-35
<input type="checkbox"/>	F-37
<input type="checkbox"/>	IG-00
<input type="checkbox"/>	VCNO
<input type="checkbox"/>	

(PASSED TO NCR BY COMDR MAGUIRE WHO RECEIVED THIS FROM ARMY.)**REFERENCE DUNCAN'S RADIO 250615 PARAGRAPH 1 REQUEST BULLETINS EVERY 2 HOURS THROUGHOUT THE 24. REFERENCE PARAGRAPH 2 SATISFACTORY. REFERENCE PARAGRAPH 3 SATIS-****FACTORY. REFERENCE PARAGRAPH 4 CIPHER B SATISFACTORY FOR PRESENT BUT SUGGEST SHIFT TO ONEWAY PAD CIPHERS WITH 25 STATION MILITARY DISTRIBUTION UNITED STATES, CANADA,****ALASKA WITH NO RECIPHERING PERMITTED. USSR TO PREPARE CIPHERS FOR DELIVERY NOME SEPTEMBER 1ST AND US TO FURNISH SIMILAR PAD FOR NOME TRANSMISSION DISTRIBUTION TO BE MADE****IN USSR ON SIMILAR BASIS. REFERENCE PARAGRAPH 5 REQUEST BULLETINS EVERY 2 HOURS THROUGHOUT 24 REQUEST CLARIFICATION FREQUENCY 26 METERS PREFER RESTATEMENT IN KILOCYCLES.****REFERENCE PARAGRAPH 6 ST MATTHEW AND ST PAUL ISLANDS BEING INVESTIGATED FEASIBILITY PROVIDING OBSERVATIONS. WILL SUBSTITUTE NAKNEK 982 FOR DILLINGHAM RUBY 986 FOR LIVEN-****GOOD MCGRATH 985 FOR FLAT POINT BARROW AND AKLAVIK WILL BE AVAILABLE ONLY AT 6 HOURLY INTERVALS FOR THE PRESENT. REFERENCE PARAGRAPH 7 WILL FURNISH INFORMATION REQUESTED****BUT STRONGLY RECOMMEND TRANSMISSION ADDITIONAL STATIONS WEST AND NORTHWEST OF SEN CHAN IN ORDER PROVIDE BASIC DATA FOR COMPELLING FORECASTS REQUESTED. REFERENCE PARAGRAPH 8****SEE PAGE 2****DECLASSIFIED****000 Letter: 5-3-72
DEC 12 1973**

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U. S. GOVERNMENT PRINTING OFFICE 16-52515-1

051615

005

PAGE

NAVY DEPARTMENT

EXTENSION NUMBER		ADDRESSEES	PRECEDENCE
FROM	FOR ACTION		PRIORITY
RELEASED BY			ROUTINE
DATE			DEFERRED
FOR CODER ROOM	INFORMATION		PRIORITY
DECODED BY			ROUTINE
PARAPHRASED BY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

LT KELLY 051615(FOR FILING ONLY) NCR 7249

PAGE 2

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ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

CONTINUATION:

ACTION

F-00
F-01
F-010
F-0010
F-05
F-07
F-1
F-11
F-2
F-3
F-30
F-31
F-32
F-33
F-34
F-35
F-37
IG-00
VCND

SUGGESTED FREQUENCY 120 AND 2960 KILOCYCLES STATION WXY
 NONE OPERATION WILL START IN FEW DAYS AND YOU WILL BE
 ADVISED. REQUEST USSR BE ASKED TO PROVIDE 1 OR MORE

LIAISON OFFICERS FOR STATION AT NONE PREFERABLY PILOT OF
 SOME EXPERIENCE AND METEOROLOGIST US TO PROVIDE SIMILAR
 OFFICERS FOR ANYADIR.

(SIGNED) KRONER

BUAER.....COG

RECORD COPY: 16.....COMINCH.....13.....FILE.

051615

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 OSD Letter, 5-8-72
 DEC 12 1973

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NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM OPNAV	FOR ACTION	MOSCOW (DUNCAN)	PRIORITY
RELEASED BY A D STRUBLE			ROUTINE
DATE 30 JULY 42			DEFERRED
TOR CODEROOM 1803/30	INFORMATION		PRIORITY
DECODED BY			ROUTINE
PARAPHRASED BY GILKER			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

ROBINSON

301600 NCR 1073

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ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT


ACTION

<input type="checkbox"/>	F-00
<input type="checkbox"/>	F-01
<input type="checkbox"/>	F-015
<input type="checkbox"/>	F-0015
<input type="checkbox"/>	F-05
<input type="checkbox"/>	F-07
<input type="checkbox"/>	F-1
<input type="checkbox"/>	F-11
<input type="checkbox"/>	F-2
<input type="checkbox"/>	F-3
<input type="checkbox"/>	F-30
<input type="checkbox"/>	F-31
<input type="checkbox"/>	F-32
<input type="checkbox"/>	F-33
<input type="checkbox"/>	F-34
<input type="checkbox"/>	F-35
<input type="checkbox"/>	F-37
<input type="checkbox"/>	IG-00
<input type="checkbox"/>	VCNO

SUGGESTIONS OF USSR IN YOUR 250615 REFERRED TO WAR DEPARTMENT FOR ACTION. PENDING ESTABLISHMENT THESE SCHEDULES URGENTLY REQUIRE ADDITIONAL WEATHER REPORTS IN PRESENT BULLETINS BEING TRANSMITTED FROM Khabarovsk. RECEPTION OF PRESENT BULLETINS SATISFACTORY BUT LESS THAN HALF OF STATIONS PREVIOUSLY ARRANGED FOR ARE INCLUDED FOUR TIMES DAILY. TWELVE ADDITIONAL STATIONS LISTED IN PARAGRAPH ONE OF REFERENCE DESPATCH EXTREMELY IMPORTANT AND WOULD ASSIST MATERIALLY IF ADDED TO Khabarovsk BULLETIN. INFORM GENERAL FEDEROFF THAT STARTING IMMEDIATELY ALL AVAILABLE ALASKAN REPORTS LISTED IN PARAGRAPH SIX WILL BE INCLUDED IN PRESENT BULLETINS BEING TRANSMITTED TO USSR.

DISTRIBUTION

13....ORIG

RECORD COPY; COMINCH **P1A**...BUAER....COS ARMY...20T...19...
 FILE: DIV... 

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 OSD Letter, 5-3-72
 DEC 12 1973

301600

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301600

005

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM DUNCAN MOSCOW	FOR ACTION	OPNAV	PRIORITY RRRRRRR
RELEASED BY			ROUTINE
DATE 26 JULY 1942			DEFERRED
TOR CODER ROOM 2315	INFORMATION		PRIORITY
DECODED BY W E SMITH			ROUTINE
PARAPHRASED BY COURTNEY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

LT KELLY

250615 NCR 952

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ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

ACTION

F-00
F-01
F-015
F-0015
F-05
F-07
F-1
F-11
F-2
F-3
F-30
F-31
F-32
F-33
F-34
F-35
F-37
IG-00
VCNO

IN ORDER TO ASSURE ADEQUATE METEOROLOGICAL INFORMATION
IN CONNECTION WITH PROPOSED NEW AIR LINE BETWEEN ALASKAAND SIBERIA RUSSIAN WEATHER BUREAU MAKES FOLLOWING
SUGGESTIONS:1. RUSSIANS WILL ISSUE WEATHER BULLETINS EVERY 2
HOURS (EVEN HOURS GMT) FROM 2020 TO 1040 GMT FROM
FOLLOWING 12 STATIONS:(INITIAL DIGITS 8 SECOND COLUMN 6 THIRD COLUMN 1 FOURTH
COLUMN OMITTED)

STATION	INDEX NO.	LATITUDE	LONGITUDE
BERELYA	880	249	4811
SEMCHAN	883	254	5225
MARKOVO	246	441	725
ANMADIR	279	44	7734
WELKAL	861	530	7930
WELLEN	278	610	6950
SNEZNOYE	859	600	7300
KORKODON	875	445	5348
PEREVALNAYA	854	656	7935
SCHIMIDTCAPE	277	855	7929
PROVIDENCIA HARBOR	848	425	7314
ULYAGAI	876	500	6000

*READ SEVENTY TWO FIVE

DECLASSIFIED
OSD Letter, 6-8-72

DEC 12 1973

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250615 005

NAVY DEPARTMENT

EXTENSION NUMBER		ADDRESSEES	PRECEDENCE
FROM _____	FOR ACTION		PRIORITY
RELEASED BY _____			ROUTINE
DATE _____			DEFERRED
TOR CODEROOM _____	INFORMATION		PRIORITY
DECODED BY _____			ROUTINE
PARAPHRASED BY _____			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

PAGE 2 OF

250615 NCR 9502

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ORIGINATOR FILL IN DATE AND TIME DATE TIME OCT

TEXT

ACTION

<input type="checkbox"/>	F-00
<input type="checkbox"/>	F-01
<input type="checkbox"/>	F-015
<input type="checkbox"/>	F-0015
<input type="checkbox"/>	F-05
<input type="checkbox"/>	F-07
<input type="checkbox"/>	F-1
<input type="checkbox"/>	F-11
<input type="checkbox"/>	F-2
<input type="checkbox"/>	F-3
<input type="checkbox"/>	F-30
<input type="checkbox"/>	F-31
<input type="checkbox"/>	F-32
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<input type="checkbox"/>	F-37
<input type="checkbox"/>	IG-00
<input type="checkbox"/>	VCNO
<input type="checkbox"/>	
<input type="checkbox"/>	

BULLETINS WILL ALSO BE SENT FROM 4 STATIONS TO BE OPENED SHORTLY REGARDING WHICH YOU WILL BE ADVISED.

2. WEATHER FORECASTS WILL BE ISSUED 6 HOURS IN ADVANCE 4 TIMES A DAY ON THE NOME-SEM CHAN ROUTE COVERING CLOUDS AMOUNT FORMATION HEIGHT. WIND DIRECTION VELOCITY. VISIBILITY IN KILOMETERS. PRECIPITATION. SPECIAL CHANGES IN WEATHER FOG STORM TYPHOON ETC. FORECASTS WILL BE GIVEN IN THE INTERNATIONAL AVIATION CODE.

3. IN ORDER TO MAKE IT EASIER TO WORK WITH THE INTERNATIONAL AVIATION CODE WE SUGGEST DIVIDING THE AIR ROUTE IN QUESTION INTO 5 DIVISIONS GIVE EACH DIVISION AND IDENTIFYING NUMBER IN ACCORDANCE WITH A GROUP OF THE LLL CODE. NOME-WELKEL NUMBER 001. WELKEL-SNESZNOE 002. SNESZNOE-SEM CHAN 003. SEM CHAN-0IMYAKON 004. 0IMYAKON-YAKUTSK 005.

4. FOR THE ENCIPHERING OF BULLETINS AND FORECASTS USE METHOD AND TABLE BAKER WITH PRESENT AND EXISTING RULES. NOTE TABLE 6 BECOMES EFFECTIVE AT 0000 SEPTEMBER 1. TABLE 7 BECOMES EFFECTIVE AT 0000 OCTOBER 1. TABLE 8 BECOMES EFFECTIVE AT 0000 NOVEMBER 1 (FROM THE 1ST OF AUGUST TABLE 3 WILL BE REPEATED)

DECLASSIFIED
O&D Letter, 0-3-72
DEC 12 1973

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U. S. GOVERNMENT PRINTING OFFICE 16-52810-1

NAVY DEPARTMENT

EXTENSION NUMBER		ADDRESSEES	PRECEDENCE
FROM	FOR ACTION		PRIORITY
RELEASED BY			ROUTINE
DATE			DEFERRED
TOR CODEROOM	INFORMATION		PRIORITY
DECODED BY			ROUTINE
PARAPHRASED BY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

PAGE 3 OF

250615 NCR 9532

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ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

ACTION

F-00
F-01
F-015
F-0015
F-05
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F-30
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F-35
F-37
IG-00
VCNO

5. THE METEOROLOGICAL BULLETINS AND FORECASTS WILL BE GIVEN IN 20 MINUTE PERIODS BY THE ANYADIR RADIO STATION

CALL LETTERS RTHU ON A WAVE LENGTH OF 26 METERS STARTING FOLLOWING TIMES GMT 2020, 2220, 0020, 0220, 0420, 0620, 0820, 1020.

6. RUSSIANS REQUEST WE FURNISH WEATHER BULLETINS EVERY 2 HOURS FROM THE FOLLOWING STATIONS: FAIRBANKS

INDEX 974, NOME 987, SAINT PAUL 993, BARROW 989, CORDOVA 971, YUNVAN 962, AKLAVIK 968 AND ALSO FROM FOLLOWING PLACES OR

FROM SOME PLACE THAT VICINITY: ST MATTHEW ISLAND SAINT LAWRENCE ISLAND, LIVENGOOD, FLAG, DILLINGHAM, ANCHORAGE,

7. DESIRABLE THAT USA FURNISH FOR NOME-SEM CHAN ROUTE SAME INFORMATION ENUMERATED IN PARAGRAPHS 2 AND 3.

8. RUSSIANS EXPRESS DESIRE FORECASTS AND BULLETINS BE BROADCAST FROM NOME STATION. PLEASE ADVISE CALL LETTERS, WAVE LENGTHS, TIMES OF TRANSMISSIONS NOME STATION AND

YOUR APPROVAL OR OTHERWISE OF SUGGESTIONS.

DECLASSIFIED
OSD Letter, 6-8-72
DEC 12 1973

BUAER.....ACTION

RECORD COPY: COMINCH...P1A...ARMY...CNO...FILE.

250615

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U. S. GOVERNMENT PRINTING OFFICE 16-52819-1

NAVAL MESSAGE

NAVY DEPAR

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM OPNAV	FOR ACTION	ALUSNA MOSCOW (DUNCAN)	PRIORITY
RELEASED BY R. E. SCHIRMANN			ROUTINE
DATE 9 JULY 1942	FOR INFORMATION		DEFERRED
TOR CODER ROOM 2105/8			PRIORITY
DECODED BY FERMIER			ROUTINE
PARAPHRASED BY HEINE			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS SATISFACTORY.

GERMAN

082015 NCR5337

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ORIGINATOR FILL IN DATE AND TIME

DATE

TIME

GCT

TEXT

URGENTLY REQUIRE ALL AVAILABLE WEATHER REPORTS EASTERN SIBERIA. DESIRE ADDITIONAL REPRESENTATIONS BE MADE TO USSR FOR RELEASE OF THIS INFORMATION. THESE REPORTS TO BE ADDED TO PRESENT Khabarovsk BROADCASTS ONLY. IN VIEW OF IMPORTANT INFORMATION CONSIDER IT WOULD ALSO BE ADVISABLE TO SEND AN EXPERIENCED AEROLOGIST AND 2 MEN TO Khabarovsk AREA TO COOPERATE WITH USSR METEOROLOGISTS IN FURNISHING WEATHER INFORMATION TO OUR FORCES ALASKAN AREA.

REQUEST YOU INFORMALLY APPROACH APPROPRIATE OFFICIALS WITH A PROPOSAL TO ABOVE EFFECT UNLESS YOU CONSIDER IT INADVISABLE AT THIS TIME.

DISTRIBUTION

13....ORIG.

RECOP: COMINCH...BUAERO...16....

FILE: CNO...200P.....

082015 NCR5337

DECLASSIFIED
OSD Letter, 5-2-73
DEC 12 1973

Make original only. Deliver to communication watch officer in person. (See Art. 76 (4) NAVREGS.)

082015

005

**HEADQUARTERS ARMY AIR FORCES
OFFICE OF THE DIRECTOR OF WEATHER
ARMY WEATHER CENTRAL
24th and M Streets, N. W.
Washington, D. C.**

June 22, 1942

Date

SUBJECT: Receipt

TO: : Assistant Director of Weather, Army Weather Central,
24th and M Streets, N. W., Washington, D. C.

1. Received from the Army Weather Central the following
listed (~~SECRET~~ - Confidential*) documents.

SUBJECT: Tactical Weather Forecasts and Verifications
June 13 to June 16.

TO: Major Chester Hammond, Assistant Military Aide to
President, White House, Washington, D.C.

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OSD Letter, 5-3-72
DEC 12 1973

Please accomplish and
return immediately to
above address.

Name Rank Branch

Office of _____

*Strikes out word not applicable.

COPY

June 22, 1942.

MEMORANDUM FOR: Brigadier General Hume Peabody.

Subject: Tactical Weather Forecasts and
Verifications June 13 to June 16.

1. Forecast -- Relative to Enemy Action in
North Pacific.

"Rain and low ceilings will hamper air operations at times in the Aleutian Islands, and along the coast. Only minor restrictions to air operations will develop at sea. Dates on which conditions will be most favorable for flight operations for various stations are listed below:

On the 13th: Attu, Atka, Dutch Harbor.
On the 14th: Attu, Atka, Dutch Harbor.
On the 15th: Attu, Atka, Dutch Harbor, Kodiak.
On the 16th: Attu, Dutch Harbor, Kodiak."

Verifications:

On June 13th, it was reported that Army and Navy planes were at work attacking the Japs in the Western Aleutians.

On June 16th, reports stated the American war-planes continued to blast Jap ships and troops through rifts in low hanging clouds.

Throughout this period, Navy planes carried out extensive reconnaissance in the Bering Sea.

COBA

2. Forecast -- Relative to Air Activity over Western Europe.

"There will be a gradual decrease in storminess over the continent during this period with the best nights for bombing operations occurring on the 14th, 15th, and possibly the 16th. In the British Isles, storminess will begin to produce rain and occasionally low ceilings by the day of the 15th and 16th. This storminess may hamper, to a certain extent, air operations out of the British Isles on all of these days."

Verification:

Very little air activity took place on both sides with only minor raids occurring, such as the German raid of 50 planes on the night of the 15th on the southwest coast of England just prior to storm activity moving into England from the southwest early on the 16th.

3. Forecast -- Relative Sand-Storm Activity in Libyan Desert.

"Some frontal activity on about the 15th and 16th will produce sand storms. Otherwise, conditions will be about normal."

Verification:

Dust and sand storms hamper operations of both the Axis and British forces on the 14th and 15th, with improving weather on the 16th.

4. Forecast -- Relative Monsoon Conditions in India.

"Normal monsoon conditions will prevail during this period."

Verification:

The monsoon in India proceeded normally during the period.

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Weather in other theaters was not considered significant and was not referred to in any detail in the War and Air Room talks Saturday, June 12, 1942.

H. L. SMITH,
Colonel, Army Air Forces,
Assistant Director of Weather.

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O&D Letter, O-3-72
DEC 12 1973

June 16, 1942

Room 2105.

INFORMAL:

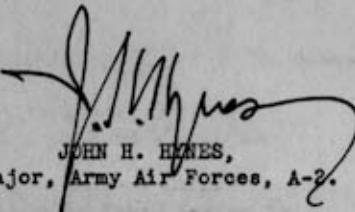
MEMORANDUM FOR: Major Chester Hammond, Assistant Military Aide to President, White House, Washington, D.C.

SUBJECT: Long Range Tactical Weather Forecasts, with subsequent Verifications, week June 6th to June 12th, inclusive.

1. Attached hereto is copy of the long range weather forecast of the Weather Central Division, Directorate of Weather, with subsequent verifications, for the week June 6th to June 12th, inclusive.
2. In connection with the enclosure, attention is called to the fact that no attempt is made to verify all of the weather Central's forecasts. Only a few of the more significant verifications are given where they have, or could have, influenced Military and Naval operations and movements.
3. The tactical weather forecasts are prepared and are available for telegraphic and other dissemination on Fridays, around mid-afternoon.
4. The forecasts are presented orally by Lieutenant Krick, USNR., at the General Staff and the Air Staff meetings on Saturday mornings at 10:30 and 11:30 o'clock respectively.
5. It is believed that arrangements can be made to obtain these long range forecasts from the Weather Central on Friday afternoons. Information on this point may be secured from Lt. Col. H.L. Smith, AAF., Assistant Director of Weather, Weather Central Division, 24th & M Streets, Washington, D.C. Telephone Franklin 7000, Extension 1701.
6. The tactical weather forecasts are prepared for every Theater of war and cover the period from midnight Friday/Saturday to mid-night Friday/Saturday of the succeeding week.
7. It should be borne in mind that long range tactical weather forecasting is not necessarily confined to a seven day period. The Weather Central is prepared to make tactical weather

forecasts, based upon climatological studies, for substantially longer periods, although the element of possible error would probably increase in direct ratio to the length of the forecast.

8. Weather forecasts of exceptional length would, of course, be rechecked from time to time and, when necessary, altered or amended in the light of the more precise data then available.


JOHN H. HYNES,
Major, Army Air Forces, A-2.

CONFIDENTIAL

Weather Central Division,
Directorate of Weather.

ARMY AIR FORCES.

June 15, 1942.

MEMORANDUM FOR: A-2 Section, Attention of Major J. H. Hynes.

Subject: Tactical Weather Forecasts for Week
June 6 to June 12, with Verifications.

1. Forecast - Relative to Enemy Action in
North Pacific.

"In the Aleutian Island region, clearing weather following storminess will increase their vulnerability to attack on the following dates at the listed locations:

Attu:	7th, 8th, 11th, 13th and 14th.
Atka:	7th, 9th and 13th.
Dutch Harbor:	7th, 9th, 10th, 12th and 13th.
Kodiak:	8th, 10th, 11th and 14th.

The 9th and 10th will be most favorable for aerial reconnaissance in the area."

Verification:

The Japanese are believed to have occupied Attu early the 7th since official weather reports from this island ceased on the 7th. Extensive aerial reconnaissance was carried out from Dutch Harbor on the 9th and 10th with negative results, indicating that the enemy employ the bad weather areas to screen their movements and do not operate in the regions of good weather. This is the second case within a week.

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OSD Letter, 5-3-72
DEC 12 1973

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~~CONFIDENTIAL~~

in which we have been successful in evaluating enemy capabilities based upon this reasoning.

Forecast - Relative to R.A.F. Activity over the Continent.

"Storminess will set in early Sunday morning and considerable cloud cover will affect targets in the continental area during the course of the week. Best nights for raids are Saturday, Monday and Tuesday."

Verification:

Raids were made over the continent Saturday night but were stopped by bad weather on Sunday night, with some activity again on Monday and Tuesday but no widespread raids were reported the balance of the week.

Weather in other theatres was not considered significant and was not referred to in any detail in the War and Air Room talks Saturday, June 6.

H. L. SMITH,
Lieut. Col., Army Air Forces,
Asst. Director of Weather.

DECLASSIFIED
OSD Letter, 5-8-72

DEC 12 1973

June 6, 1942

SUBJECT: Tactical Weather Forecasts for Week May 30th
to June 5th, with Verifications

TO: A-2 Section, Attention of Major J. H. Hynes

1. Forecast - Relative to Enemy Action in
North Pacific

"The movement of enemy surface craft toward the Aleutian Islands will be screened by an extensive cloud cover associated with a storm moving into the area Monday. The area will be vulnerable to attack Wednesday and Thursday after the storm passes, and intermittently thereafter, with enemy craft capable of utilizing bad weather zones for protection against our action."

Verification:

A Japanese force entered the Aleutian Island area behind a storm which passed through the region Monday and Tuesday and attacked Dutch Harbor Wednesday and Thursday.

2. Forecast - Relative to R. A. F. Activity in conference with Captain Dickson Saturday, May 30, the following statement was made.

"The best nights for R. A. F. activity over the continent are Saturday, May 30, Tuesday, June 2, and Friday, June 5."

Verification:

The devastating raid on Cologne occurred on the night of Saturday, May 30, and a second raid on Essen occurred Monday, June 1. It was reported that the weather over the target was bad and the force returned under more favorable conditions on the night of June 2. Most extensive day light raids were conducted on Friday, June 5, with over a thousand planes participating.

3. Forecast - Relative to Action in Central Pacific

"Weather conditions in the Central Pacific will be of no tactical advantage to either side and the one able to deliver the heaviest blow should be successful."

Verification:

Our forces utilizing the prevailing fair weather conditions spotted enemy forces moving toward their objective at Midway Island long before they were in a position to strike, minimized their effectiveness enroute to Midway Island, and through continued attack forced them to withdraw.

4. Forecast - Relative to Sand Storms in the Libyan Desert

"Sand storms were predicted to begin on Tuesday night in the Libyan Desert, and it was stated that this condition would be favorable to the enemy."

Verification:

Sand storms in the Libyan Desert Tuesday and Wednesday permitted Marshall Rommel to consolidate his forces for a counter-offensive on The British because the dust cloud obscured his action from the R. A. F.

H. L. SMITH
Lieut. Col., Army Air Forces,
Asst. Director of Weather

June 1, 1942

MEMORANDUM FOR: General Peabody

SUBJECT: Strategical and Tactical Weather Forecasts,
with Verifications

1. During the past month, tactical weather forecasts, covering a period of one week, have been given each Saturday morning by Lieutenant Krick, of the Joint Weather Central, AAF, in the War Room and Air Room presentations.

2. Several instances have occurred where these tactical forecasts might have been employed to advantage:

(a) Forecast -- Week of May 2nd to 8th: Relative to Aerial Activity

"Better than normal weather will occur over Norway, Northern France, Germany, the Baltic countries and most of England. All of these areas, therefore, will be vulnerable to attack."

Verification:

This was an active week characterized by wide-spread raids over the continent by the R. A. F.

(b) Forecast -- Week of May 9th to 15th. Relative to Convoys off Norway

"Clear weather will prevail in the Scandinavian countries and Northern Europe during most of this week. A narrow strip of water which will not be afforded the protection of low clouds and fog will occur West and North of Norway most of the period, with convoys vulnerable to attack in this area. A protective cloud cover will occur several hundred miles West of Norwegian Coast."

Verification:

Owing to these conditions the Germans were successful in attacking an Arctic convoy in the clear zone. The British also claimed the sinking of several ships off the Coast of Holland.

- (c) Forecast -- Week of May 16th to 22nd: Relative to Aerial Activity

"The weather will be favorable for aerial activity over Europe until mid-week, but storms reaching England by Wednesday and Thursday, May 20-21, will minimize activity thereafter."

Verification:

The R. A. F. staged a large scale attack on Mannheim on the night of the 19th, but for the balance of the week was inactive.

- (d) Forecast -- Week of May 23rd to 29th: Relative to Convoys off Norway

"Cloud cover will protect convoy movement off Norway over the week-end. Clearing weather will occur off Northern Norway for a few days by mid-week."

Verification:

The sinking of several ships off Norway was reported on the night of Wednesday, May 27th, through action of enemy aircraft.

- (e) Forecast -- Week of May 23rd to 29th: Relative to Aerial Activity

"Widespread bombing operations will be hampered by poor weather in England over the week-end, with a slight improvement through mid-week, but poor weather again at the end of the week."

General Peabody -- 3 -- 6/1/42

Verification:

No wide-spread activity was reported by the R. A. F. during the week, with only a few minor raids during the middle of the week.

- (f) Forecast -- Week of May 30th to June 5th: Relative to Aerial Activity

"Weather over Germany will be favorable Saturday night, May 30th, also again on Tuesday, June 2, and Friday, the 5."

Verification:

The R. A. F. carried out its largest raid of the war on Saturday night when it attacked the Ruhr, Rhineland, and Cologne.

3. Strategical Forecasts. Various surveys along proposed air routes have been made and the information has proved valuable on several occasions where decisions were based largely on weather.

- (a) A notable example occurred in the case of the proposed route over the mountainous country of Burma to China, which will become increasingly difficult to fly as the monsoon rains reach their height. This route will probably be abandoned during the height of the monsoon rains.
- (b) A late Spring forecast of the retarding of the monsoon could have been used in estimating the capabilities of the Japanese in Burma.
- (c) A late Spring forecast of the continued rains until May in the Crimea could have been used in estimating the beginning of the Spring offensive in Russia.

J. H. HYNES,
Major, Army Air Forces, A-2

Serial No. 10-42

From: ONI - Op-16-F-5

Washington, D.C.

May 4, 1942

Subject: KOMANDORSKI ISLANDS, U.S.S.R. - WEATHER AND ICE CONDITIONS: SURFACE CONFIGURATION.

A. Fog

KOMANDORSKI ISLANDS: The period of heaviest fog does not correspond to that at Kanaga Island, representative of the western Aleutians. July and August are foggiest at Kanaga and April, May and June at Nikolski. However, the total number of foggy days per year is about the same for both stations.

Fog has been reported at the Komandorski Islands for about four-fifths of the navigational season. It is usually so dense that the sun is seen only occasionally. For example, in the summer of 1910 no clear days were reported out of 100.

South winds often bring fog in the Komandorski region, as in the Aleutians West, northwest, north and northeast winds tend to dispel fog but on the average only 12 per cent of the observations in the three summer months record winds from these directions.

KAMCHATKAN COAST: Southeast of the Kamchatka Peninsula fog lies over the water in summer from one-third to one-quarter of the time. The area is one of the foggiest in the world. In June and July it is foggiest and in the winter it is least foggy. These conditions are similar in the Sea of Okhotsk but this area also has much winter and spring fog. Usually the east winds bring fog to the east coast and break that on the west coast, a difference commonly found between the southern and northern sides of the Aleutian Islands.

It is a common occurrence to have clear conditions close in to shore in the vicinity of Petropavlovsk while a heavy fog is over the sea southeast of Kamchatka. This has also been reported in portions of the Kurile and Aleutian Islands and is probably found all along the coasts of Kamchatka and the Komandorski Islands. East of the Kurile Islands, fogs are reported to vary. Some are relatively dry and high and in calm weather lift 30 to 100 feet from the ocean's surface, leaving it clear. At other times they are very dense. Occasionally there are banks of dense, wet fog about 30 feet thick above which the sky is clear.

B. Cloudiness

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OSD Letter, 6-8-72
DEC 12 1973

KOMANDORSKI ISLANDS: Average monthly cloud amounts at Nikolski and Kanaga Island appear to be similar. Approximately 75 per cent of the time is cloudy at both stations. Particularly in the summer cloudiness is high in the vicinity of the islands. During 100 days in the summer of 1910 there were 9 days at Bering Island which had less than 5/10 cloudiness and 20 at Medni Island.

KAMCHATKAN COAST: Southeast of the peninsula cloud incidence is high. The average yearly cloudiness is 70 per cent, reaching a spring and summer maximum of 80 per cent.

Serial 10-42

From: ONI - Op-16-F-5

Washington, D.C.

May 4, 1942

Subject: KOMANDORSKI ISLANDS, U.S.S.R. - WEATHER AND ICE CONDITIONS; SURFACE CONFIGURATION.

C. Winds

KOMANDORSKI ISLANDS: From May to September south winds bring fog and rain. Occasionally they change quickly to northeast or east winds which bring haze and clouds. In the remaining months the winds are stronger and blow more frequently from the prevailing direction (west and northwest) than in summer. Early summer is the most likely period of calms.

Northeast winter winds frequently bring especially heavy and troublesome snow storms in the vicinity of the islands.

There are no completely protected harbors in the islands and winds commonly change direction suddenly, especially in the fall. Therefore, airplanes and vessels at anchor must always be ready to be moved to new anchorages. South east winds usually shift to south and southwest and northeast winds to north and northwest.

"Williwaws" have not been reported in the islands. However, the surface configuration of the islands is such that "williwaws" could develop, particularly in April and May and October and November.

KAMCHATKAN COAST: Southeast of the peninsula winter wind velocities are frequently high, averaging about 20 knots; fall and spring averages are 12 to 15 knots; and summer, 5 to 10 knots. These averages are closely related to the fact that from October to May is the season of gales (when they prevail 15 to 20 per cent of the time). Maximum development is in January and February. Gales are uncommon in summer and calms are more frequent.

D. Temperatures

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KOMANDORSKI ISLANDS: Because of the islands' marine position extreme temperatures are not as low as on Kamchatka Peninsula. Winter and spring temperatures of near 0° F. have been recorded although the average at Nikolski is about 26°. On a few occasions temperatures rise as high as 60°.

KAMCHATKAN COAST: Extremely low temperatures are not recorded in the area. Southeast of Kamchatka Peninsula average air temperatures range from slightly below freezing to a little over 50°F.

E. Ice

KOMANDORSKI ISLANDS: It is only occasionally that sludge ice and new ice of local origin have been observed around the islands (Figure 2). If west or northwest winter winds blow continuously large amounts of drift ice move to the islands from the eastern Kamchatka shore. Under these conditions, aircraft, and possibly ships, might not be able to use the water adjacent to the islands.

Serial 10-42

From: ONI - Op-16-F-5

Washington, D.C.

May 4, 1942

Subject: KOMANDORSKI ISLANDS, U.S.S.R. - CLIMATE AND ICE CONDITIONS, SURFACE CONFIGURATION.

KAMCHATKAN COAST: There is drift ice during the winter and spring in the sea east of Kamchatka. This would hamper the use of aircraft and possibly vessels operating near shore. From Cape Lopatka north the sea generally does not freeze, with the following exceptions:*

(1) Avacha Bay: The whole area is ice covered only in extremely severe winters. Generally only the narrow sand coves freeze over or strips of land-fast ice form along the edges. There is stationary ice in the bay from about the end of December until about the middle of March.

(2) Petropavlovsk Cove: It has been reported that freezing occurs here as early as mid-October.

(3) In the open sea near Petropavlovsk Light: When the drift ice breaks up in March it usually moves southward.

(4) Gulf of Kronotski: About the middle of April all of the ice is usually carried out to sea; but when northeast winds are common the bay again becomes packed with drift ice. For example, this situation arose in 1931, when the ice packed and did not clear until May 22.

(5) Gulf of Kamchatka: In December and January the ice is in small, oblong blocks of local origin which move southward with the wind. From February to March the gulf is filled with ice ridges after which it is usually clear of ice until April. From April until the end of May it is filled again with drift ice carried in from the north. This ice remains until the usual clearing time.

F. Precipitation

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OSD Letter, 8-8-72

KOMANDORSKI ISLANDS: The average annual precipitation is less than for the Aleutian Islands region. About half the days in a year have precipitation with the months of July and August and October through January having the most number of days per month with precipitation. The period of maximum precipitation is from July to November, inclusive.

Snow may be expected from mid-October to the first of June. It commonly stays on the ground until the end of July or early August. This late disappearance is due to its great mass and the presence of fogs.

KAMCHATKAN COAST: More precipitation falls along the coast than at Nikol-ski. It is much more evenly distributed throughout the year. Snowfall is heavy with maximum amounts falling in January and February.

G. Surface Configuration

KOMANDORSKI ISLANDS: Configuration of the surface of the two islands is similar to that of the Aleutians. Both Bering and Madni Islands are mountain ridges running northwest-southeast. Maximum elevations on Bering Island are

*Freezing and clearing dates are given on Figure 2.

Serial 10-42

From: ONI - Op-16-F-5

Washington, D.C.

May 4, 1942

Subject: KOMANDORSKI ISLANDS, U.S.S.R. - WEATHER AND ICE CONDITIONS; SURFACE
CONFIGURATION

2000 feet in the middle and 2200 feet in the southern part. On Medni Island there are many peaks with elevations between 1000 and 2000 feet. Local differences in wind currents and velocities, although undetermined, undoubtedly exist and might be of great significance to low elevation flying.

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Komandorski Island
 NIKOLSKI, BERING ISLAND
 Latitude 55°12'N., Longitude 165°59'E.
 Station Altitude 20 Feet

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
Days with Fog	.5	.9	1.6	3.7	7.7	14.4	15.0	8.2	3.2	2.9	2.1	1.5	61.7
Clear Days	0	1.5	0	0	0	1.0	8	1.5	2.5	0	5	0	7.8
Partly Cloudy Days	5.5	5.0	6.2	7.0	8.0	6.0	8.8	6.8	13.2	12.2	10.5	11.2	100.4
Cloudy Days	5.5	22.0	24.8	23.0	23.0	23.0	21.4	22.7	14.3	18.8	19.0	19.8	257.3
Cloud Amount (0-10)	8.5	8.2	8.5	7.8	8.7	8.5	7.8	8.0	6.8	8.0	7.0	7.5	7.9
Prevailing Wind (Percentage (Direction	35 NW	30 NW	27 W	18 N	19 S	34 S	36 S	45 S	25.25 S SE	29.20 NW NE	20 W	27 W	19 S
Wind Velocity (knots)	13.5	13.6	12.5	11.5	10.3	9.7	8.7	8.5	8.9	--	12.9	11.5	11.5
Maximum Hourly Velocity (knots)	46.9	41.7	35.6	37.3	33.0	31.3	25.2	40.8	32.1	41.7	39.1	46.9	
Days with Gales	5	5	5	4	2	1	0	1	1	2	6	6	38
Temperature ¹	26	26	26	28	34	40	45	49	45	34	29	27	34
Days 32° or below	30	28	30	27	13	0	0	0	2	10	26	30	196
Precipitation ²	.70	1.59	.91	1.13	.96	1.67	2.46	2.09	2.50	2.60	2.96	1.62	21.19
Days with Precipitation	16	13	13	11	9	12	16	16	13	18	16	17	170

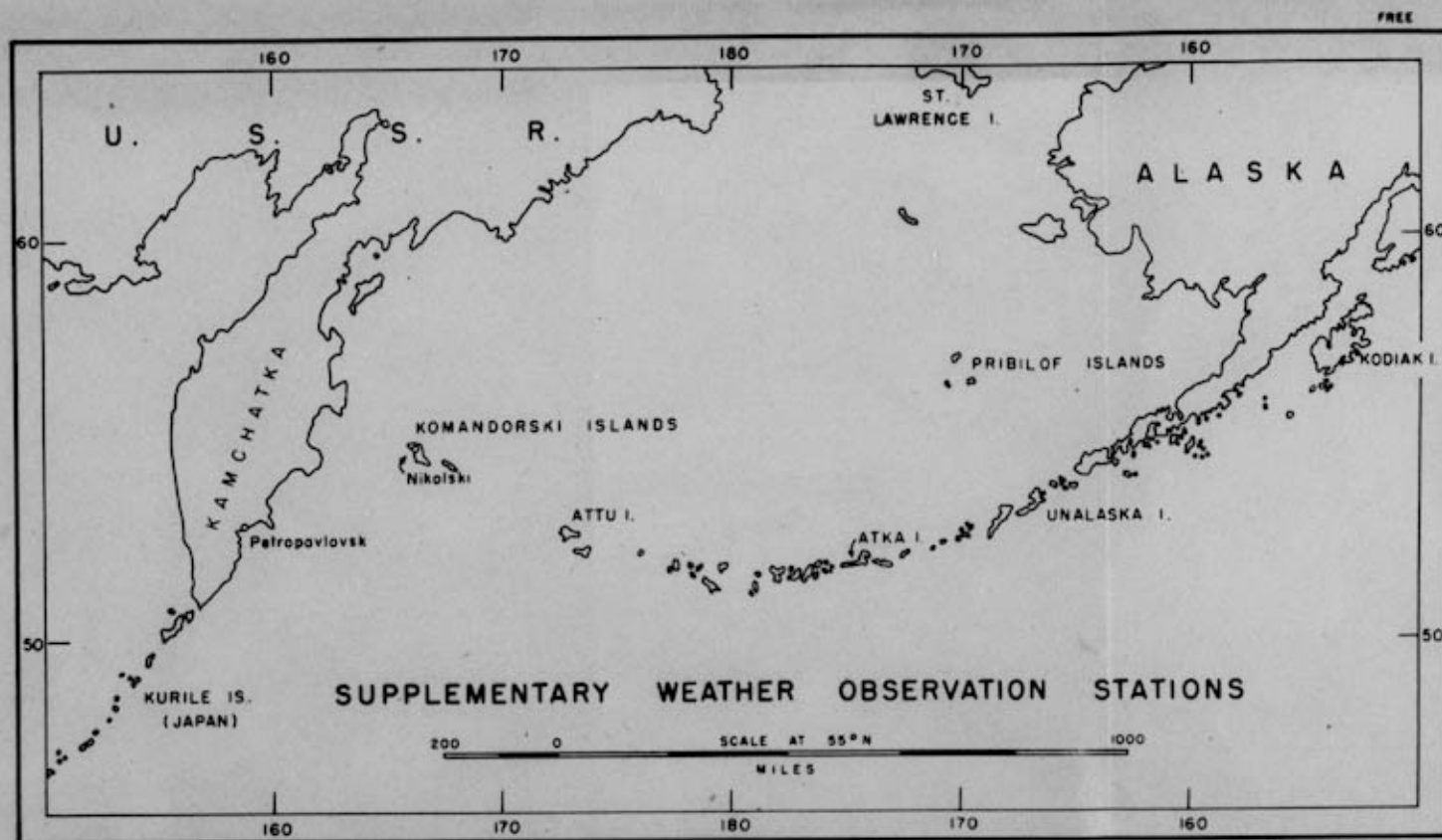
¹Mean, °Fahrenheit

²Average, 'Inches

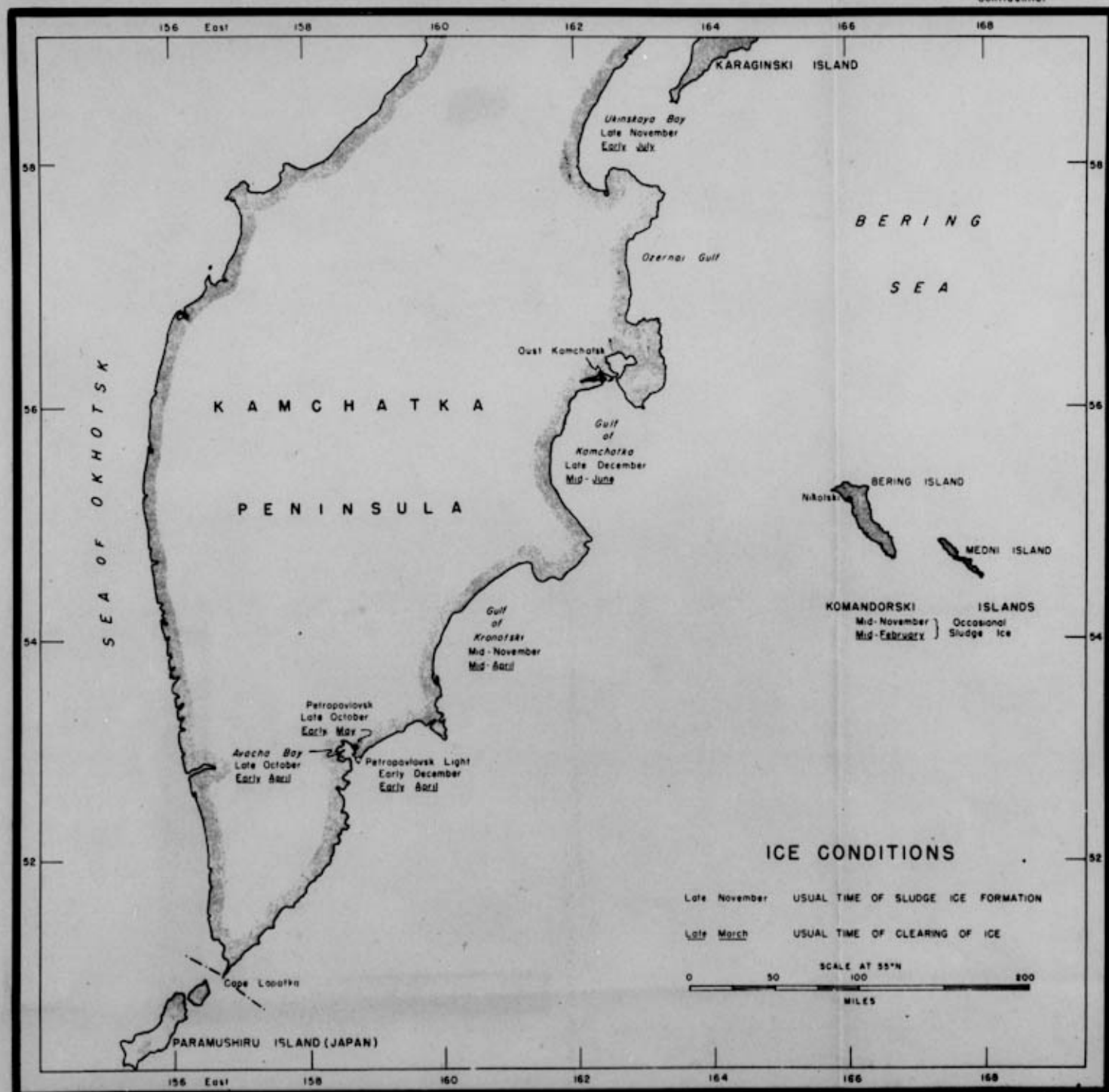
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 DEC 12 1973

TABLE I
 COMBINATION

FIGURE 1



Confidential



AXDI 11
Filed 28/1039P
DEG

WAR DEPARTMENT
CLASSIFIED MESSAGE CENTER

CSWD
May 28
552 PM

INCOMING MESSAGE

From: London
To: AGWAR

No. 1750, May 28th, 1942

Request meteorological officer be sent to United States Army FBI by 1st available air transportation. (Attention Commanding General 8 AF) Necessary to have this officer undergo thorough instructions British methods signed Eaker.

Chaney

ACTION COPY: CG AAF

INFO. COPY: OPD G-2 A-2 CG AAF TAG FILE

Franklin D. Roosevelt Library

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600 DIR. 5200.9 (9/27/88)

W.I.S. JOURNAL NO

J-270

CM-IN-8081 (5/28/42) 7:39 PM

MAY 28 1942

26

COPY No.

THE MAKING OF AN EXACT COPY OF THIS MESSAGE IS FORBIDDEN

005

NAVAL MESSAGE

NAVY DEPARTMENT

DRAFTER	EXTENSION NUMBER	ADDRESSEES	PRECEDENCE
FROM DUNCAN (MOSCOW)	FOR ACTION	OPNAV	PRIORITY
RELEASED BY 27 MAY 1942			ROUTINE
DATE 0243			DEFERRED
TOR CODER ROOM KAMEN	INFORMATION		PRIORITY
DECODED BY HILL			ROUTINE
PARAPHRASED BY			DEFERRED

INDICATE BY ASTERISK ADDRESSEES FOR WHICH MAIL DELIVERY IS UNSUCCESSFUL.
KELLY **26/945 NOV 42:56**

UNLESS OTHERWISE INDICATED THIS DISPATCH WILL BE TRANSMITTED WITH DEFERRED PRECEDENCE.

ORIGINATOR FILL IN DATE AND TIME DATE TIME GCT

TEXT
 HAVE DISCUSSED QUESTION YOUR 141320 WITH GENERAL FEODOROFF HEAD SOVIET METEOROLOGICAL SERVICE. HE WAS AWARE EXISTENCE OF COMMITTEE HAVING OBTAINED THIS INFORMATION FROM MEMBER HIS STAFF RECENTLY RETURNED FROM ENGLAND WHERE SMALL PARTY SOVIET METEOROLOGISTS SPENT 3 MONTHS STUDYING BRITISH METHODS. FEODOROFF PERSONAL OPINION MOST DESIRABLE SOVIETS BE REPRESENTED ON COMMITTEE AND SUGGESTS STATE MAKE APPROPRIATE REPRESENTATIONS TO FOREIGN OFFICE. HAVE JUST RECEIVED 3 NEW WEATHER CODES 12 COPIES OF EACH WHICH WILL FORWARD QUICKEST AVAILABLE METHOD. SOVIETS AUTHORIZE YOU TO MAKE AND DISTRIBUTE ADDITIONAL COPIES CODES NOW IN YOUR POSSESSION. IN VIEW COOPERATION WEATHER SERVICE HERE SUGGEST DESIRABILITY OFFICIALS OR STUDENTS VISIT US EITHER FOR TRAINING OR FAMILIARIZATION METHODS.

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 OSD Letter, 6-8-78
 DEC 12 1973

13.....ACTION

CND.....16.....BUAER.....02AER.....COMINCH.....FILE

26/945

Make original only. Deliver to communication watch officer in person. (See Art. 76 (4) NAVREGS.)

~~SECRET~~

THE WHITE HOUSE
WASHINGTON

May 16, 1942

MEMORANDUM FOR THE CHIEF OF STAFF:

1. In response to a question of The President, information is requested as to the prevailing winds from this date throughout the summer and fall along the Eastern Front (between Germany and Russia). This information should include particularly the relationship between these prevailing winds and the use of gas in this area during the summer and fall.

Chester Hammond
Chester Hammond
Major, J.A.G.D.
White House Map Room

WDCA - 728.12 (5-16-42)

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98D Letter, 5-3-72
DEC 12 1972

~~SECRET~~

WAR DEPARTMENT
WAR DEPARTMENT GENERAL STAFF
MILITARY INTELLIGENCE DIVISION G-2
WASHINGTON

May 16, 1942.

MEMORANDUM FOR THE CHIEF OF STAFF:
(Through the A. C. of S., G-2)

Subject: Prevailing Winds on the Russian Front.

1. In general, the winds on the Western Front blow in from the seas — the Atlantic Ocean, the White Sea, and the Black Sea — during the summer months. In early fall they shift, beginning to blow from the land mass. Thus, in the north the prevailing winds are northerly or northeasterly during the summer, southwesterly during the fall. On the Central Front westerlies prevail both in summer and fall. In the south, westerly or southwesterly winds are dominant during the summer; northerly or northeasterly winds prevail in the fall.

By and large, the winds are fairly brisk, averaging 8 to 10 miles per hour.

2. The attached chart (Inclosure 1) lists prevailing wind conditions in European Russia throughout the year. The towns are numbered with Roman figures from north to south.

3. The attached map (Inclosure 2) locates the cities and towns in Inclosure 1, and lists them with Roman numerals. The prevailing wind directions for the month of June are indicated by the heads of the arrows, which point away from the source of the winds. In certain instances two directions are given; this means that both are important, with the wind originating from either source. The average velocities are shown by arabic numerals.

4. The relationship between winds and the use of gas is approximately the following:

a. Winds blowing toward the enemy with velocities of 0-4 miles per hour are satisfactory, although danger exists that such light winds may shift.



b. Winds blowing toward the enemy with velocities of 5-7 miles per hour are ideal.

c. Winds of velocities over 10 miles per hour dissipate gas, especially non-persistent gas, too rapidly for effective use.

R. S. Bratton

RUFUS S. BRATTON,
Colonel, G.S.C.,
Chief, Intelligence Group.

2 Inclosures:

1. Chart of Wind Velocities in European Russia.
2. Map of June Wind Directions and Velocities in European Russia.

[illegible]

THIS OVERSIC ITEM HAS BEEN
MICROFILMED IN SECTIONS.

**JUNE WIND DIRECTIONS AND VELOCITIES
IN EUROPEAN RUSSIA**

The map displays wind data for June across European Russia and surrounding regions. Wind directions are indicated by the orientation of the circular vector heads, and velocities are labeled in miles per hour (mph). The data points are as follows:

- Point I:** Located near the Gulf of Bothnia, showing a wind velocity of 9 mph blowing from the northwest.
- Point II:** Located further east, showing a wind velocity of 11 mph blowing from the northwest.
- Point III:** Located further east, showing a wind velocity of 11 mph blowing from the northwest.
- Point IV:** Located further east, showing a wind velocity of 10 mph blowing from the northwest.
- Point V:** Located further east, showing a wind velocity of 10 mph blowing from the northwest.
- Point VI:** Located further east, showing a wind velocity of 9 mph blowing from the northwest.
- Point VII:** Located further east, showing a wind velocity of 8 mph blowing from the northwest.
- Point VIII:** Located further east, showing a wind velocity of 8 mph blowing from the northwest.
- Point IX:** Located further east, showing a wind velocity of 8 mph blowing from the northwest.
- Point X:** Located further east, showing a wind velocity of 8 mph blowing from the northwest.

The map also shows major geographical features such as the Barents Sea, the Gulf of Bothnia, and the Gulf of Finland. Major cities like Stockholm and Helsinki are marked. The map includes latitude and longitude lines for reference.

