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EASTERN ARCTIC SEA ICE ANALYSES 1972-1975.(U)
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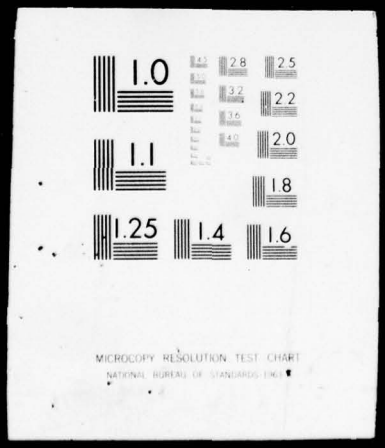

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EASTERN ARCTIC SEA ICE ANALYSES

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GLOBAL SERVICE

FLEET WEATHER FACILITY · SUITLAND

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FOREWARD

The U.S. Navy has a long and colorful history of polar exploration and currently is an active participant in the growing national activity in the Arctic and Antarctic. The strategic importance and increased demand for the natural resources of these areas has resulted in a greater requirement for environmental information.

Until a few years ago, reliable sea ice information in the polar regions was based on a relatively few shore station and ship reports augmented by limited aerial reconnaissance data. These data were further restricted to the relatively small areas observed primarily during the ship operating season. The principal aim of this publication is to provide operators and researchers with historical weekly hemispheric analyses of sea ice conditions derived principally from satellite imagery supplemented by conventional observations.

The advent of high resolution satellite imagery combined with the ground truth of conventional observations has only recently provided description of the polar ice fields on a semi-synoptic scale. Since 1970, the Fleet Weather Facility at Suitland, Maryland has prepared operational analyses and forecasts of sea ice conditions in the Arctic and Antarctic for the Department of Defense and various other users. The results of these initial efforts are contained herein.

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The charts were constructed by Navy ice analysts under operational time constraints from satellite imagery and conventional data. Reanalysis with late data was not normally attempted; rather the current analysis was prepared incorporating this to the extent possible. The analysis was compared with available climatology in an attempt to eliminate gross errors. Scanning radiometer imagery, visual and infrared, from the National Oceanic and Atmospheric Administration (NOAA) satellites and microwave radiometer data from the NIMBUS V research satellite were the primary data sources. Limited use of the Earth Resources LANDSAT and Defense Meteorological Satellite Program (DMSP) imagery as well as conventional observations were utilized. The 19.35 GHZ microwave radiometer with 25 kilometer (KM) resolution aboard NIMBUS V provided an ice edge and limited inner pack conditions. This was the basic data source during the polar night and over areas dominated by persistent cloud cover. During the seasons with adequate light, visual data from the Very High Resolution Radiometer (VHRR) with 1 KM resolution and the 4 KM resolution data from the Scanning Radiometer aboard NOAA 2, 3, and 4 satellites were utilized. Infrared radiometer data was of limited value primarily due to seasonally small water-ice temperature differences.

The user of this publication is reminded that the information presented reflects an initial effort prepared for operational use and should temper his application accordingly. Comments regarding any aspect of the analysis effort are welcomed.

STANFORD C. BALMFORTH
Captain, U.S. Navy
Commanding Officer
Fleet Weather Facility
Suitland, Maryland

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE

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~~Bering Sea~~
~~Chukchi Sea~~

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This document presents a sequence of operational sea ice analyses prepared weekly for the Department of Defense. The analyses include the location of the ice pack edge, inner-pack ice concentrations, 7-day forecasts of the position of the ice edge, positions of major ice-bergs, and, occasionally, the ages and growth stages of the pack ice.

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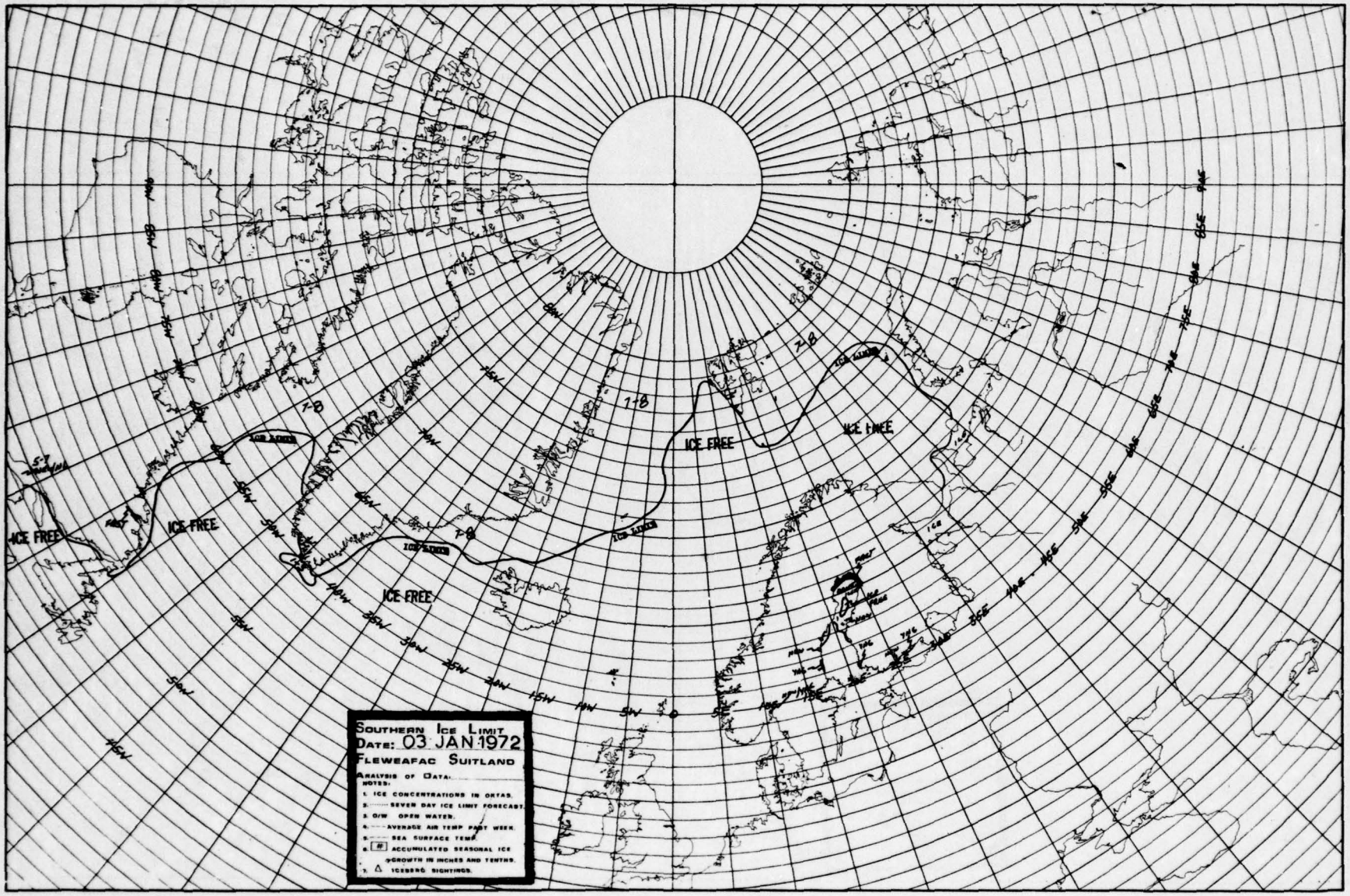

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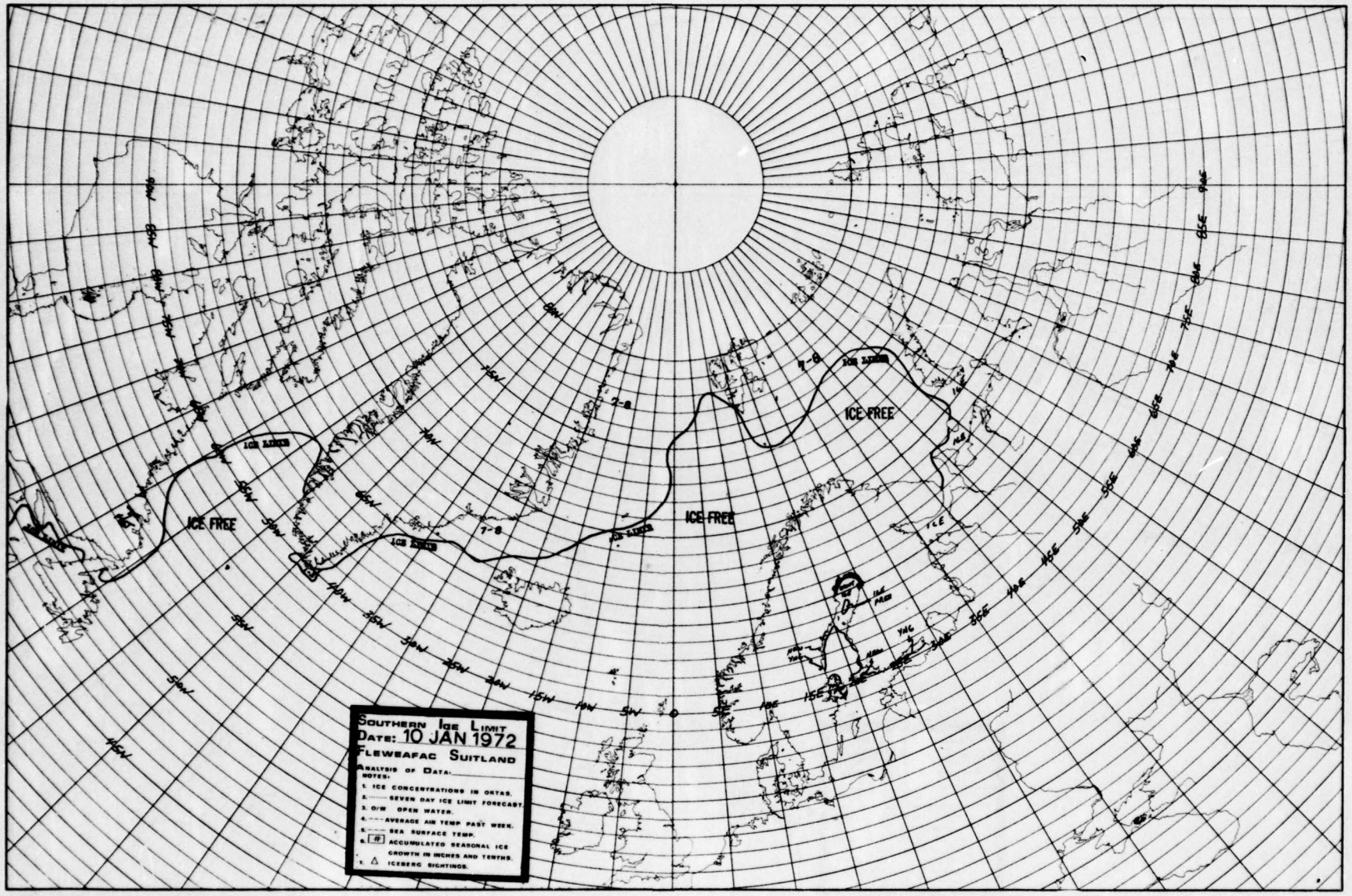
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1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
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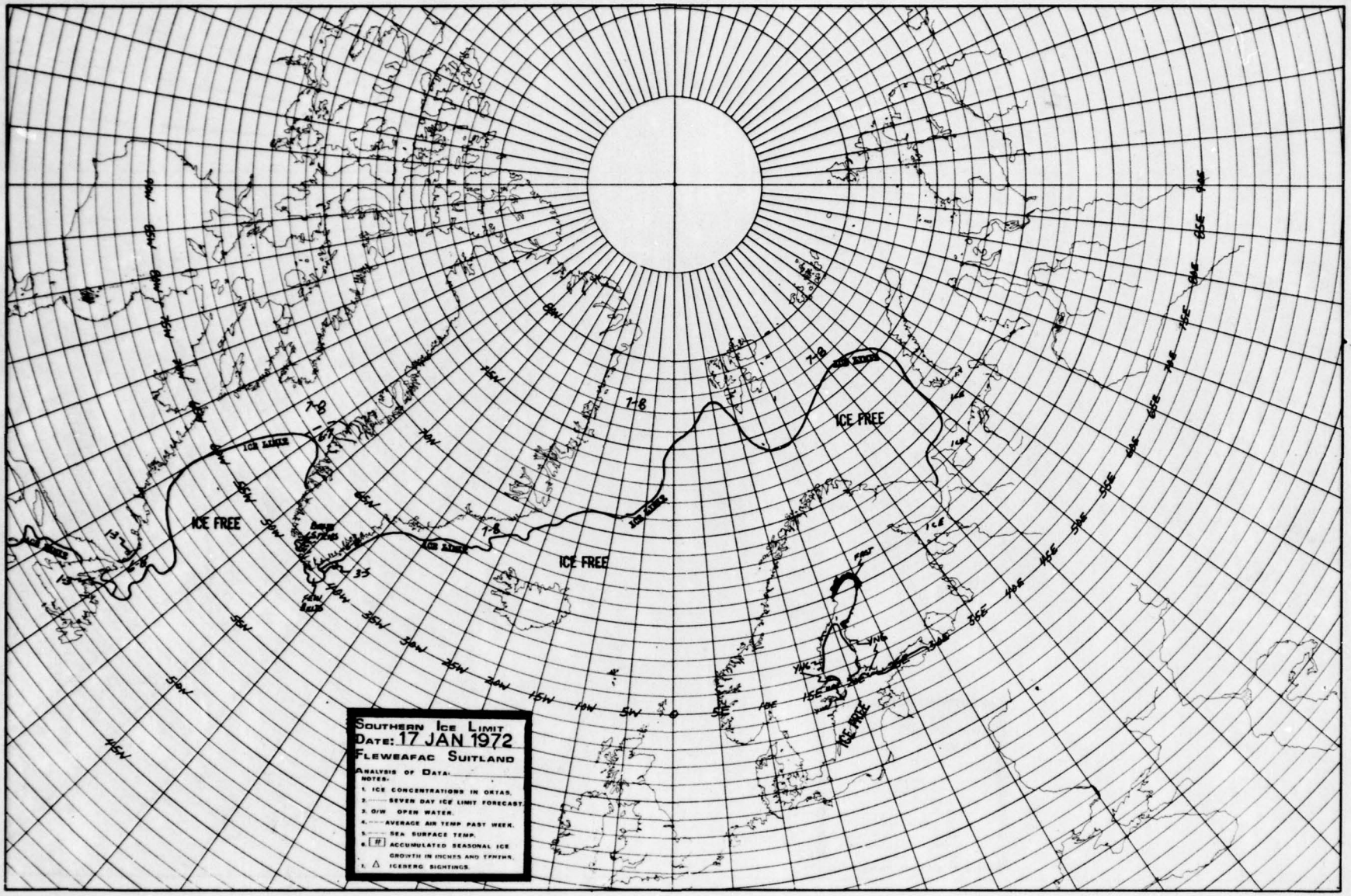
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5. ---- SEA SURFACE TEMP.
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7. △ ICEBERG SIGHTINGS.
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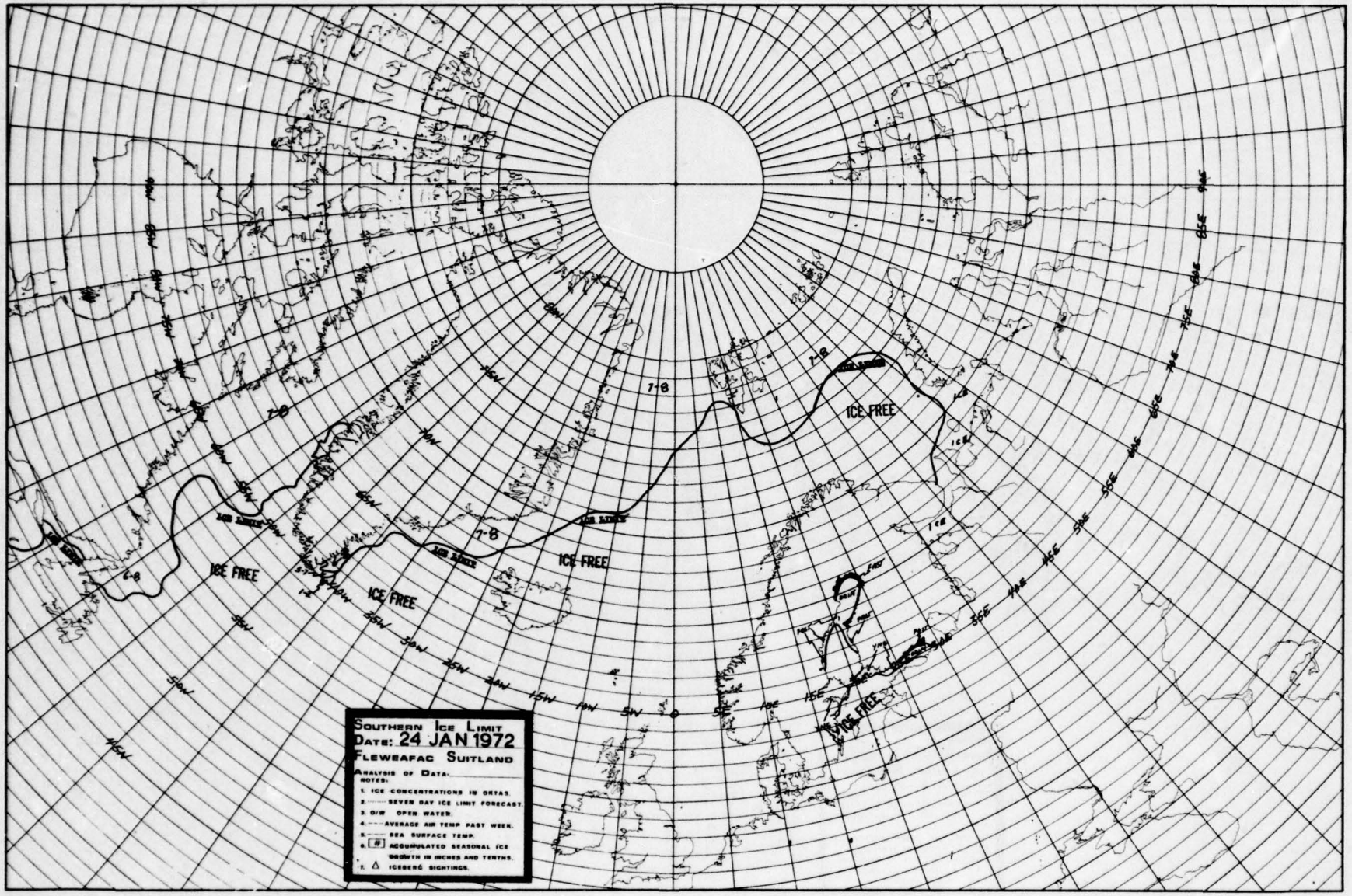
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4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
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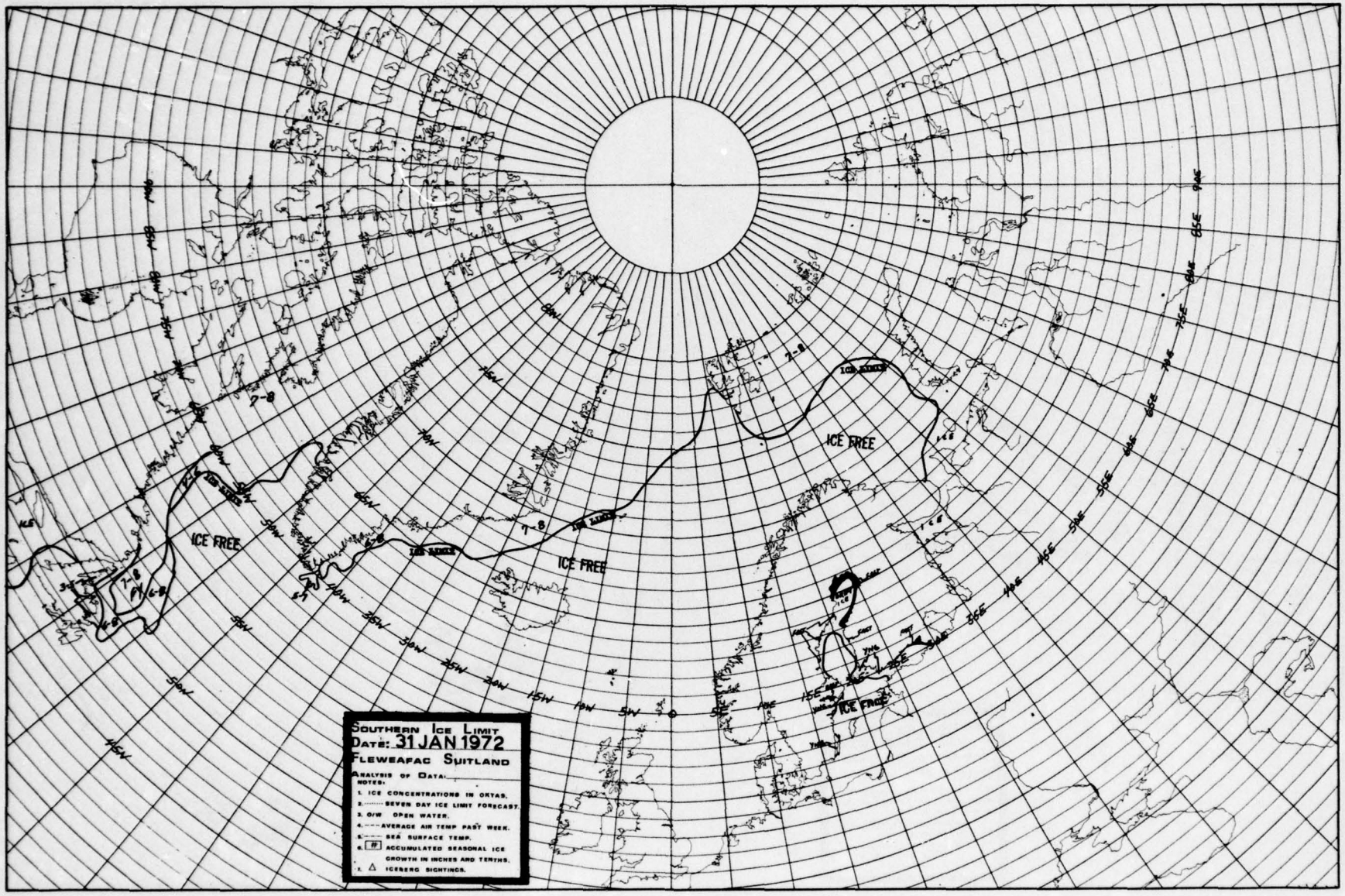
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3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
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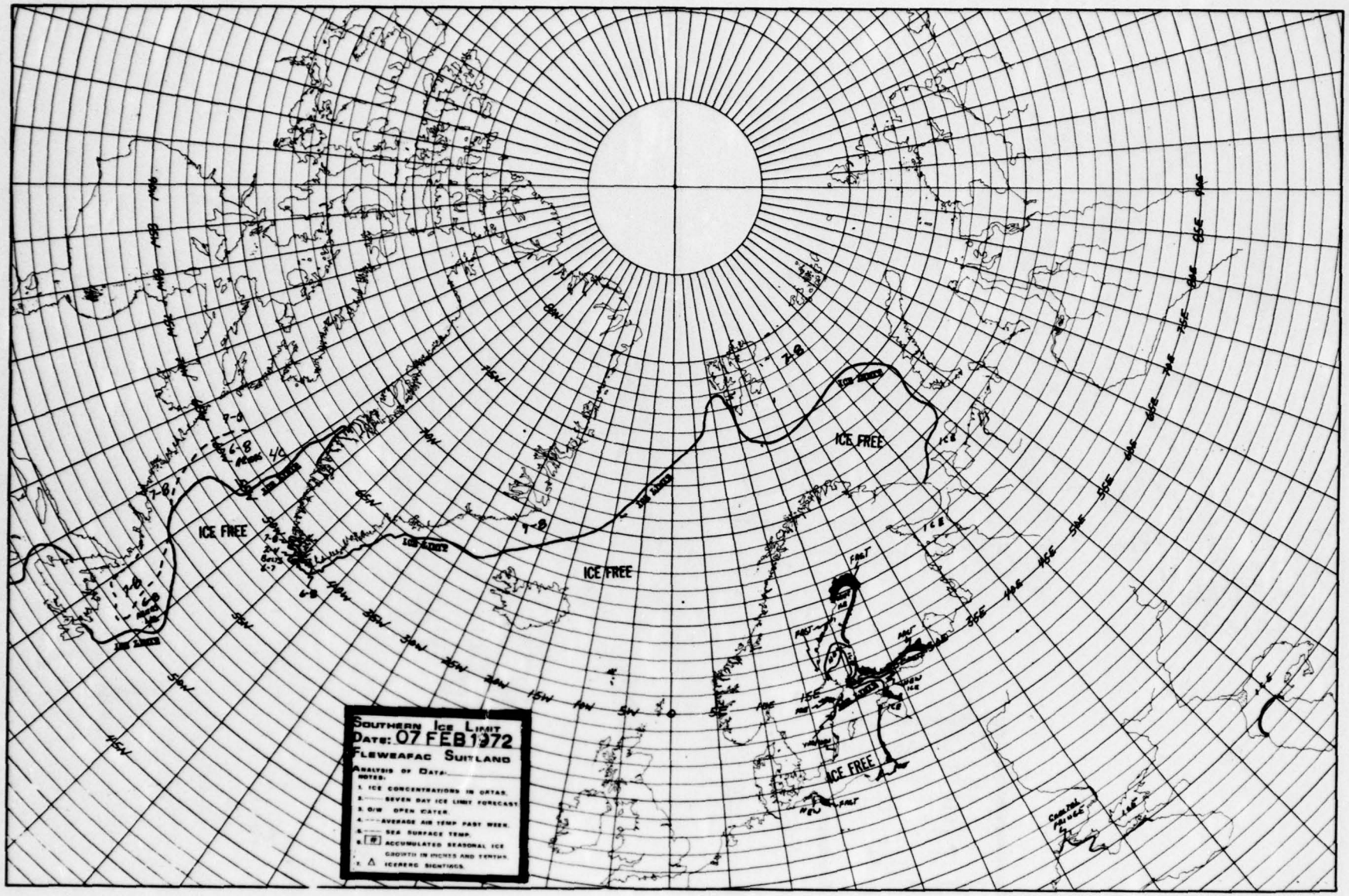
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3. O/W OPEN WATER.
4. ----- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
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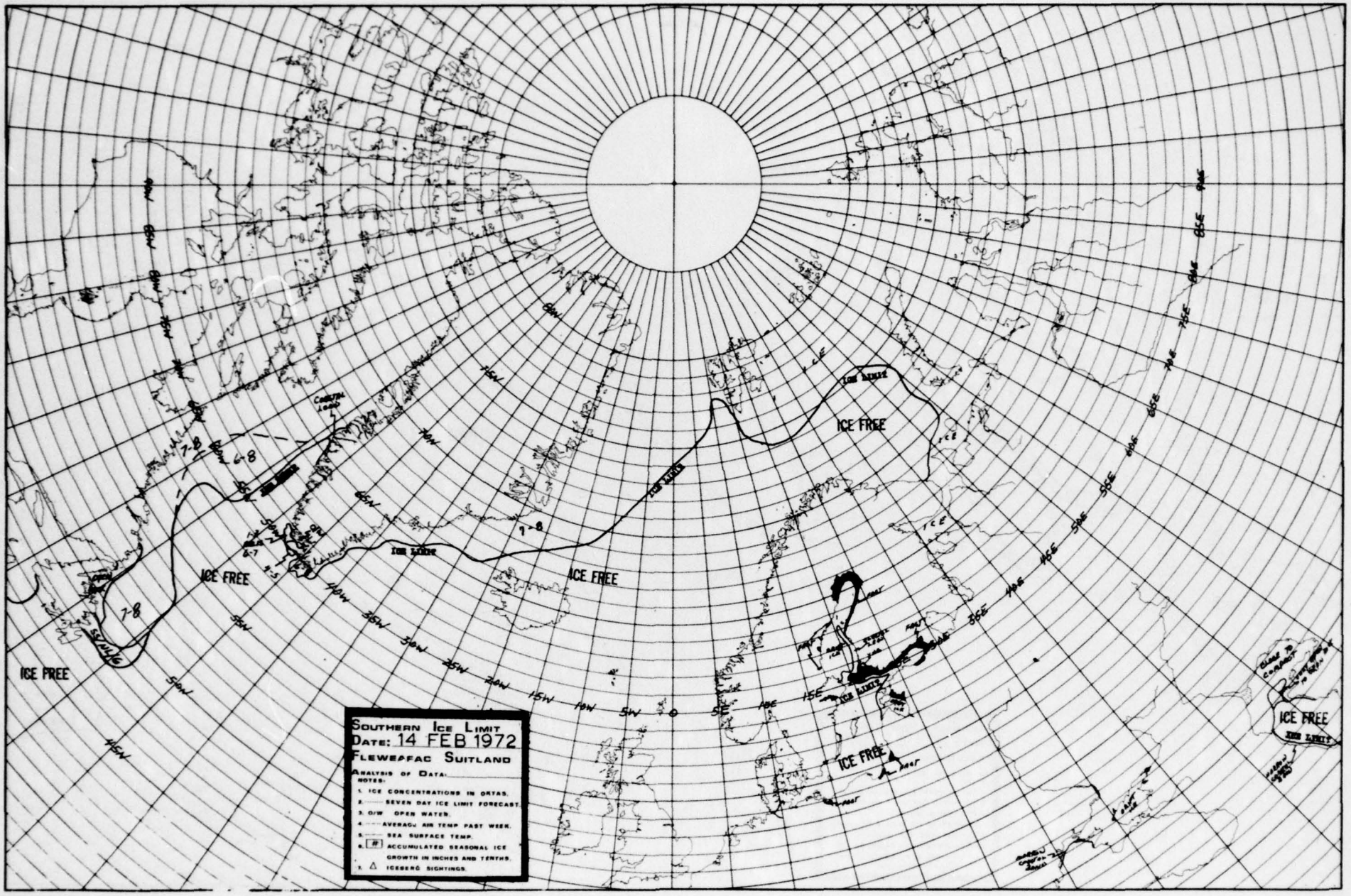
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3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
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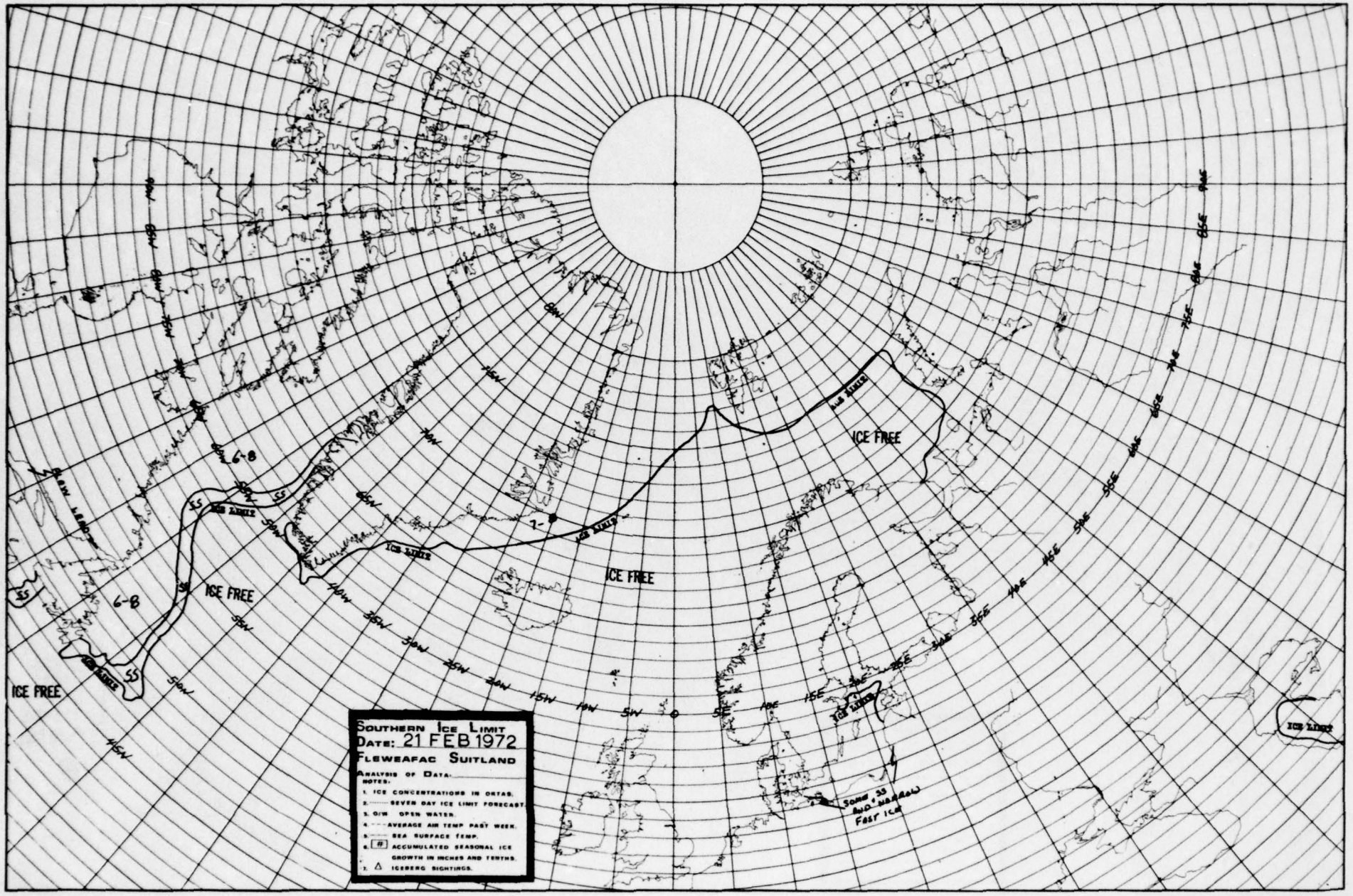
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3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
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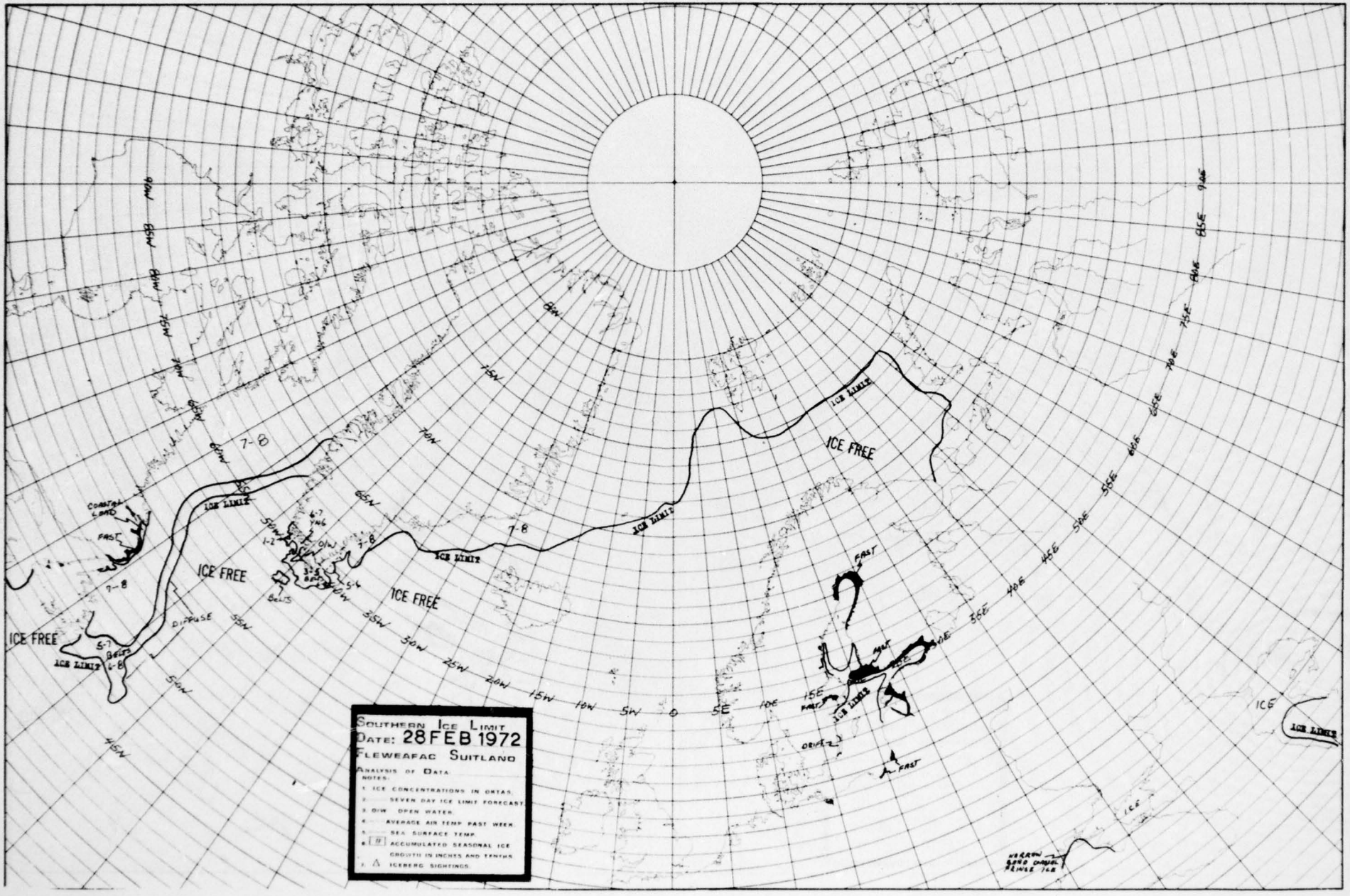
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5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
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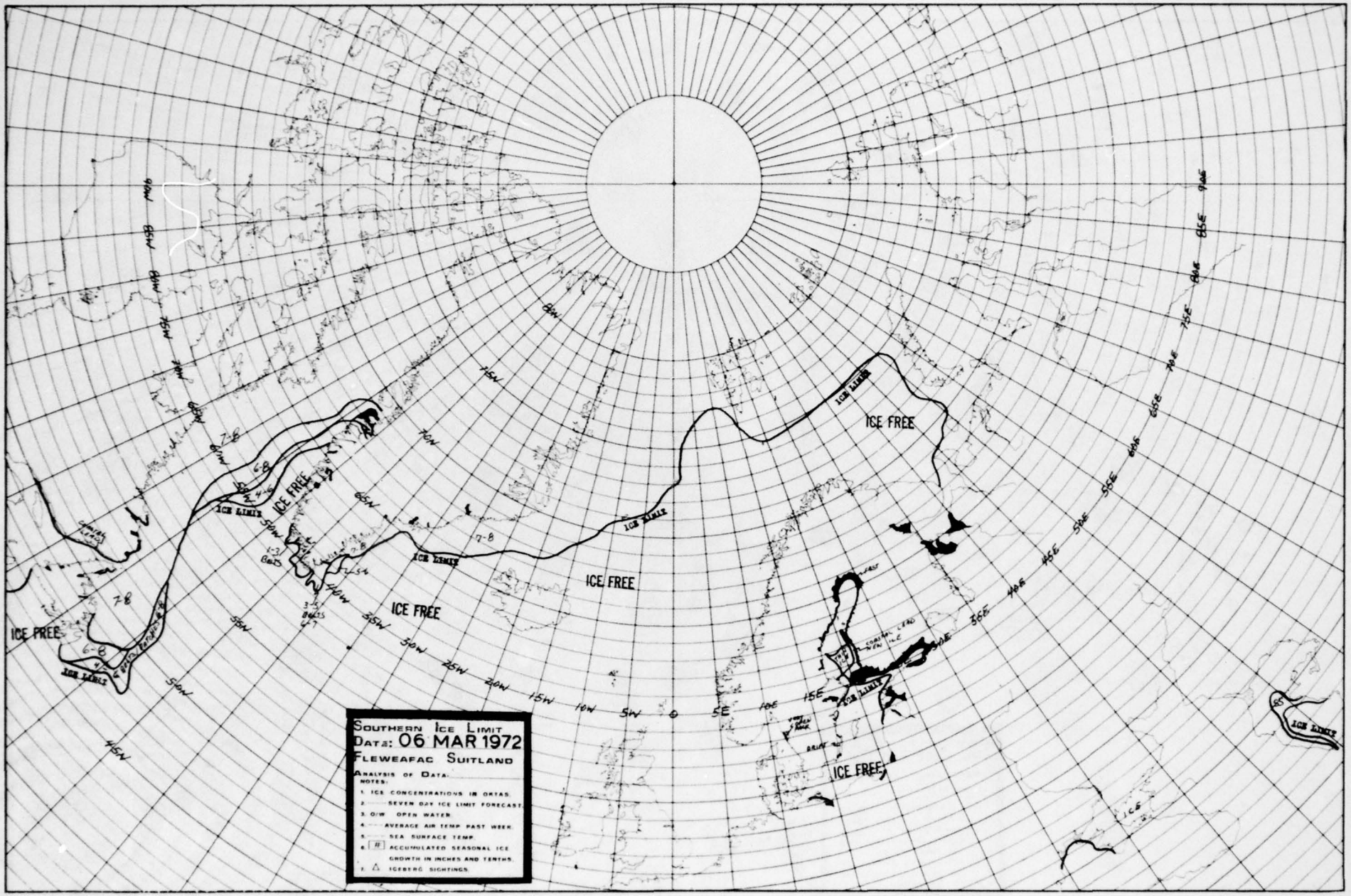
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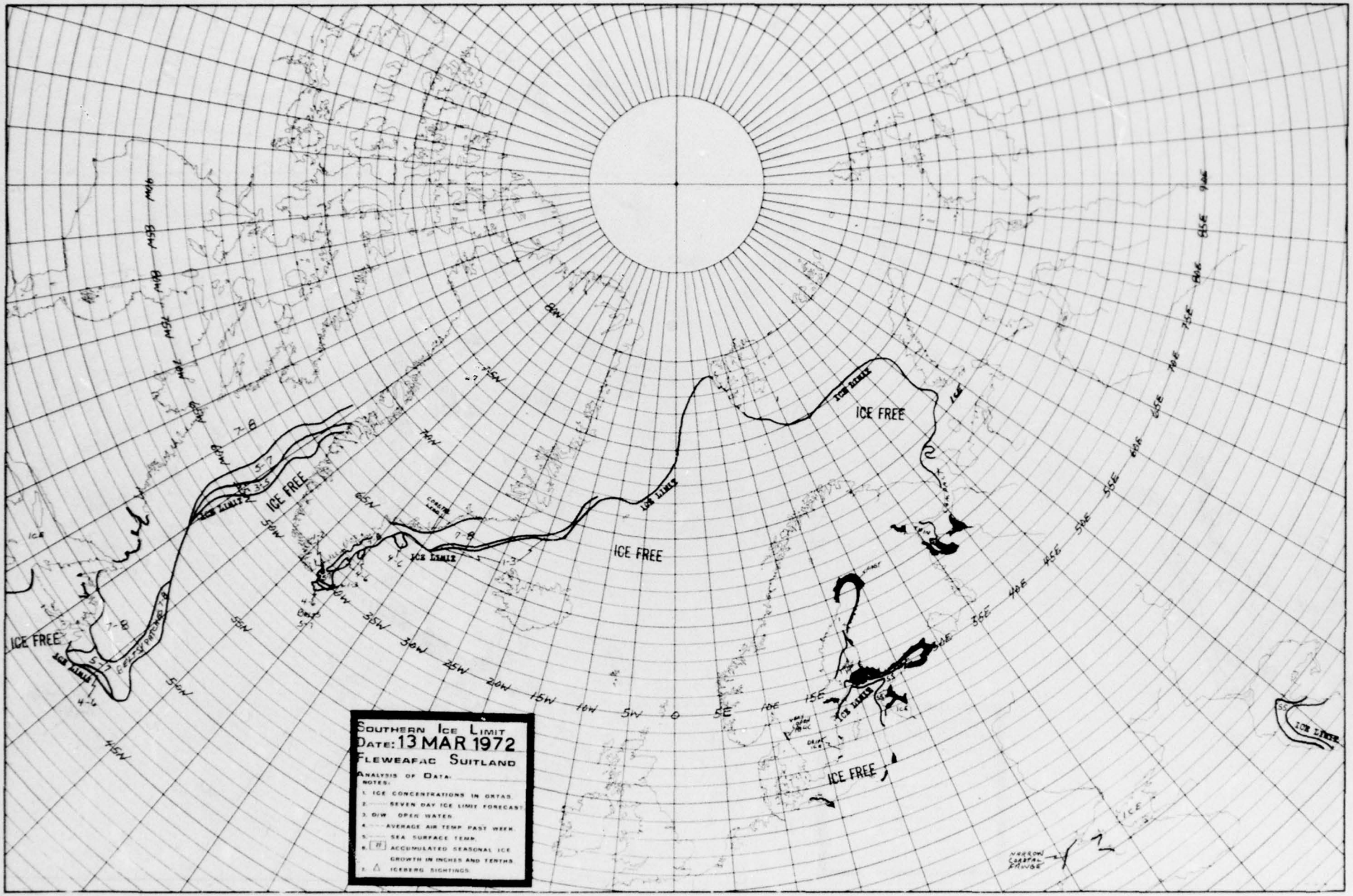
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4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
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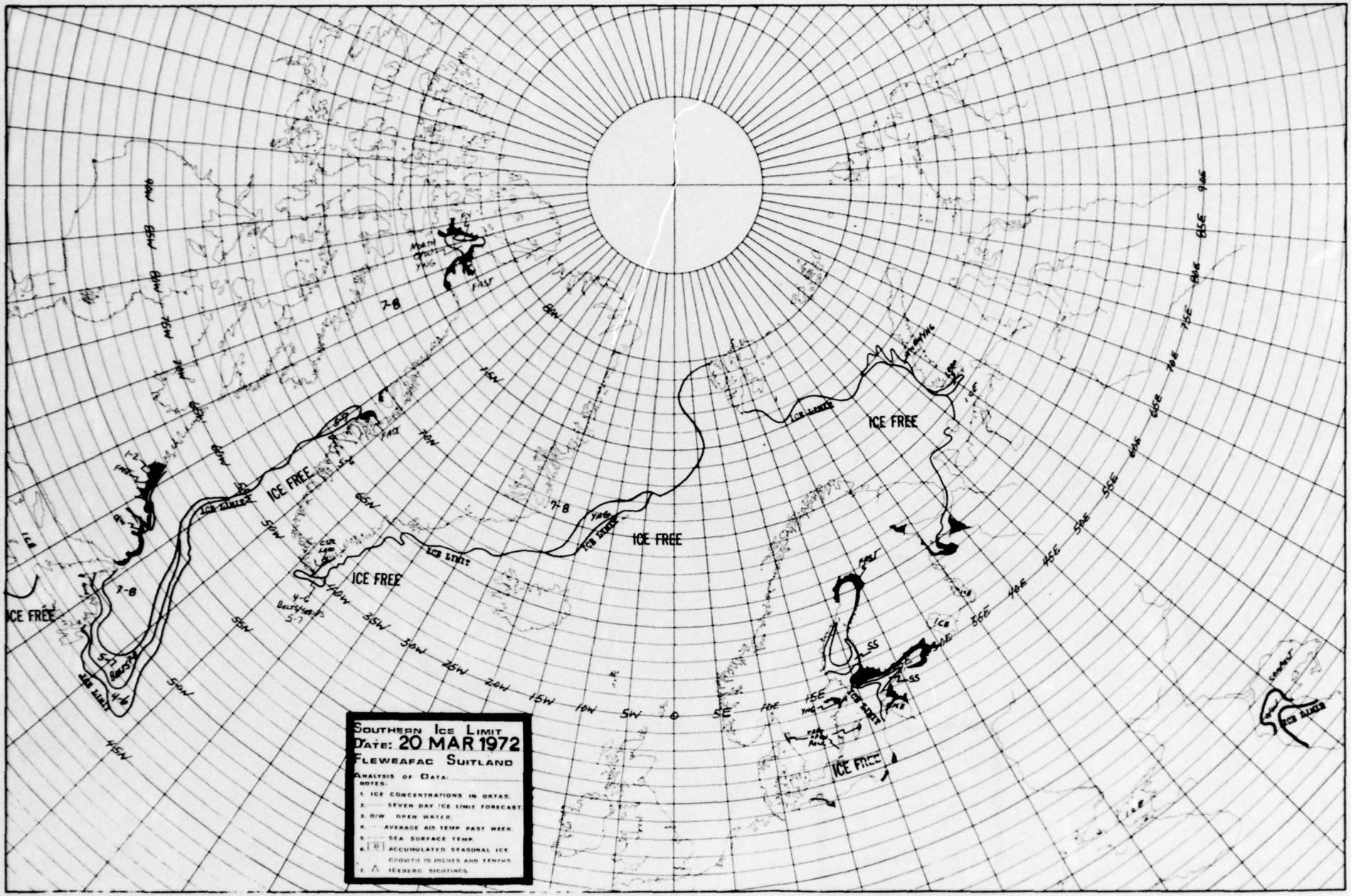
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5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
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SS
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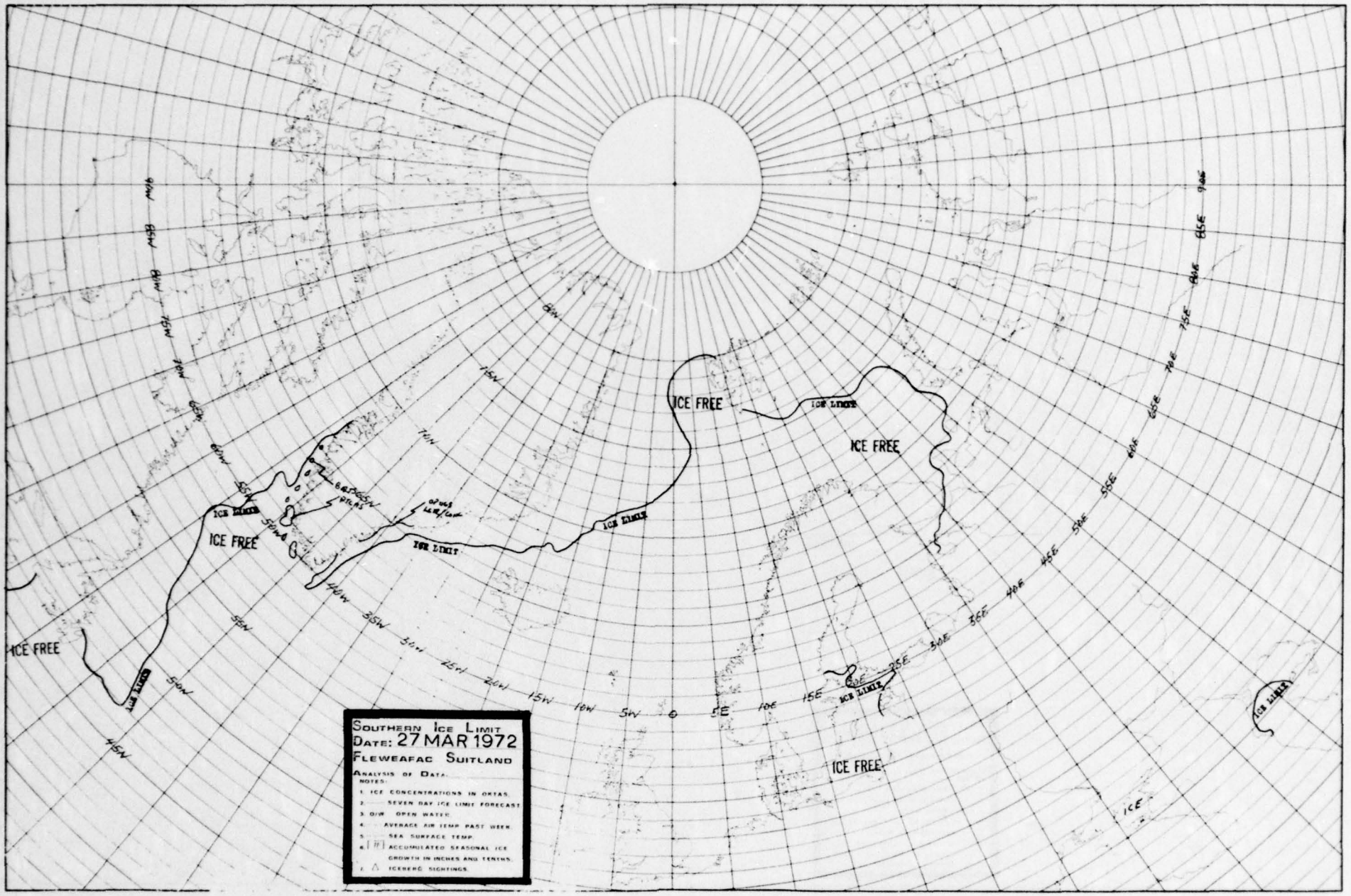
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5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
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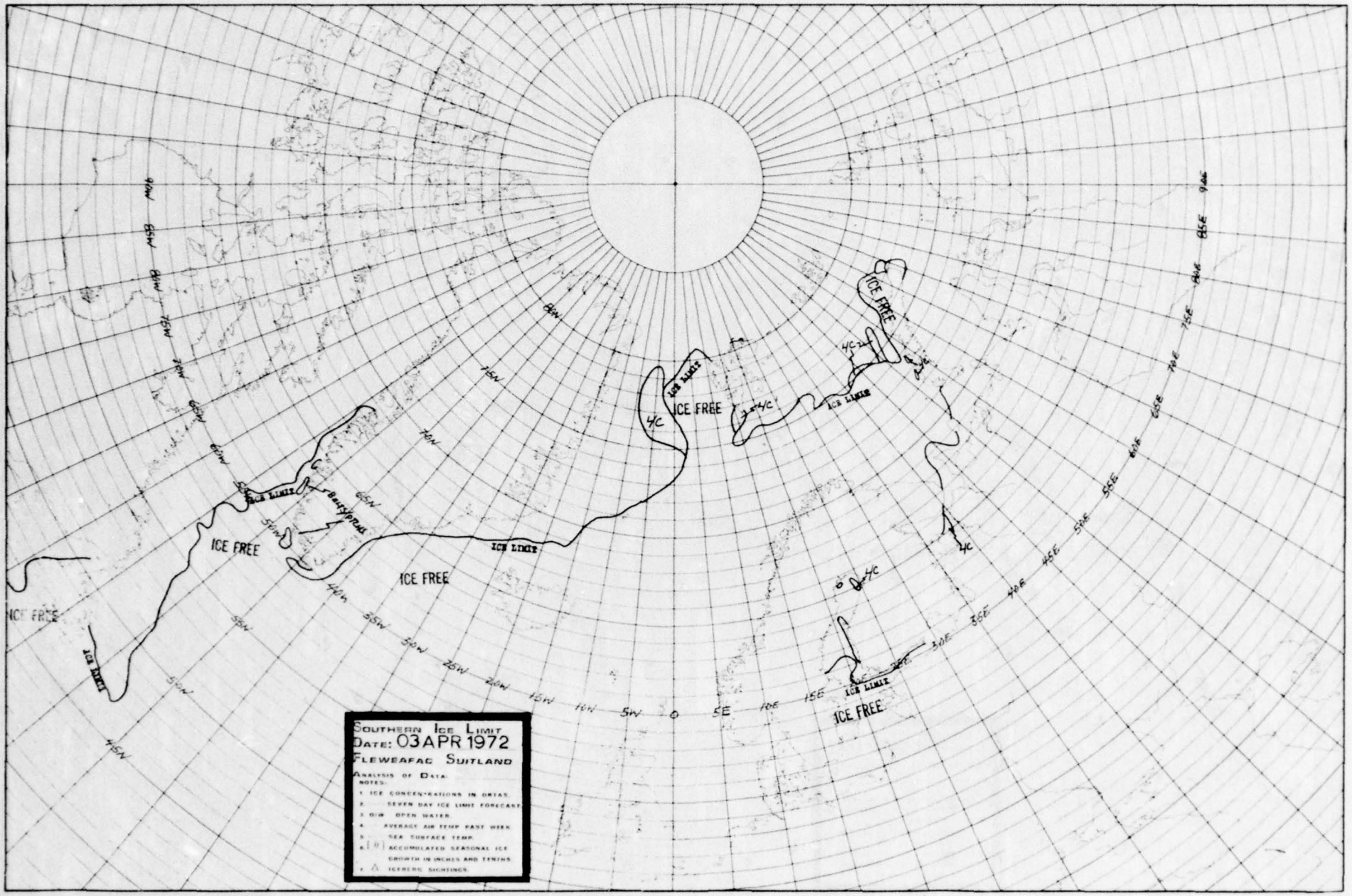
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4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS.
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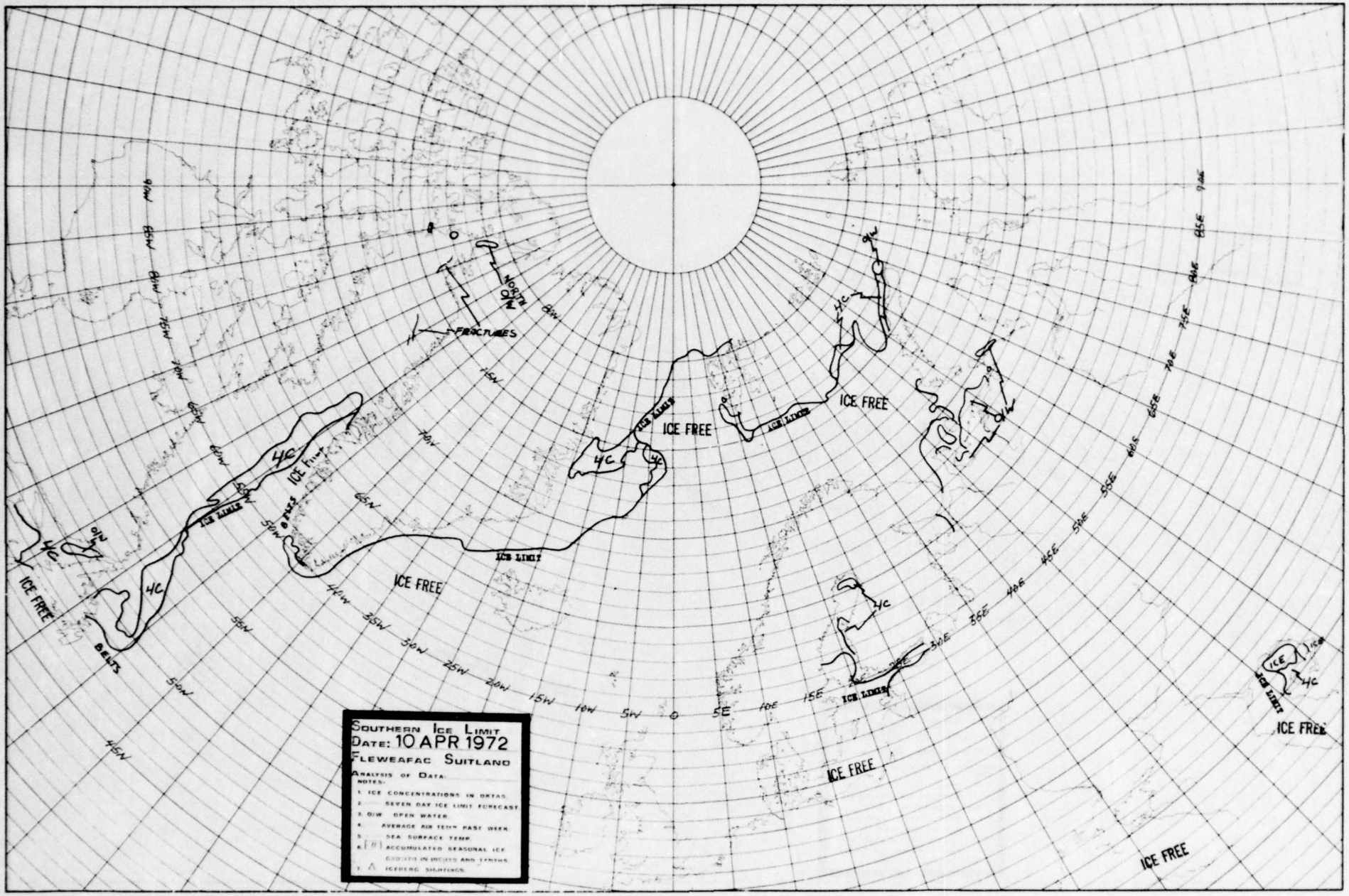
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4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
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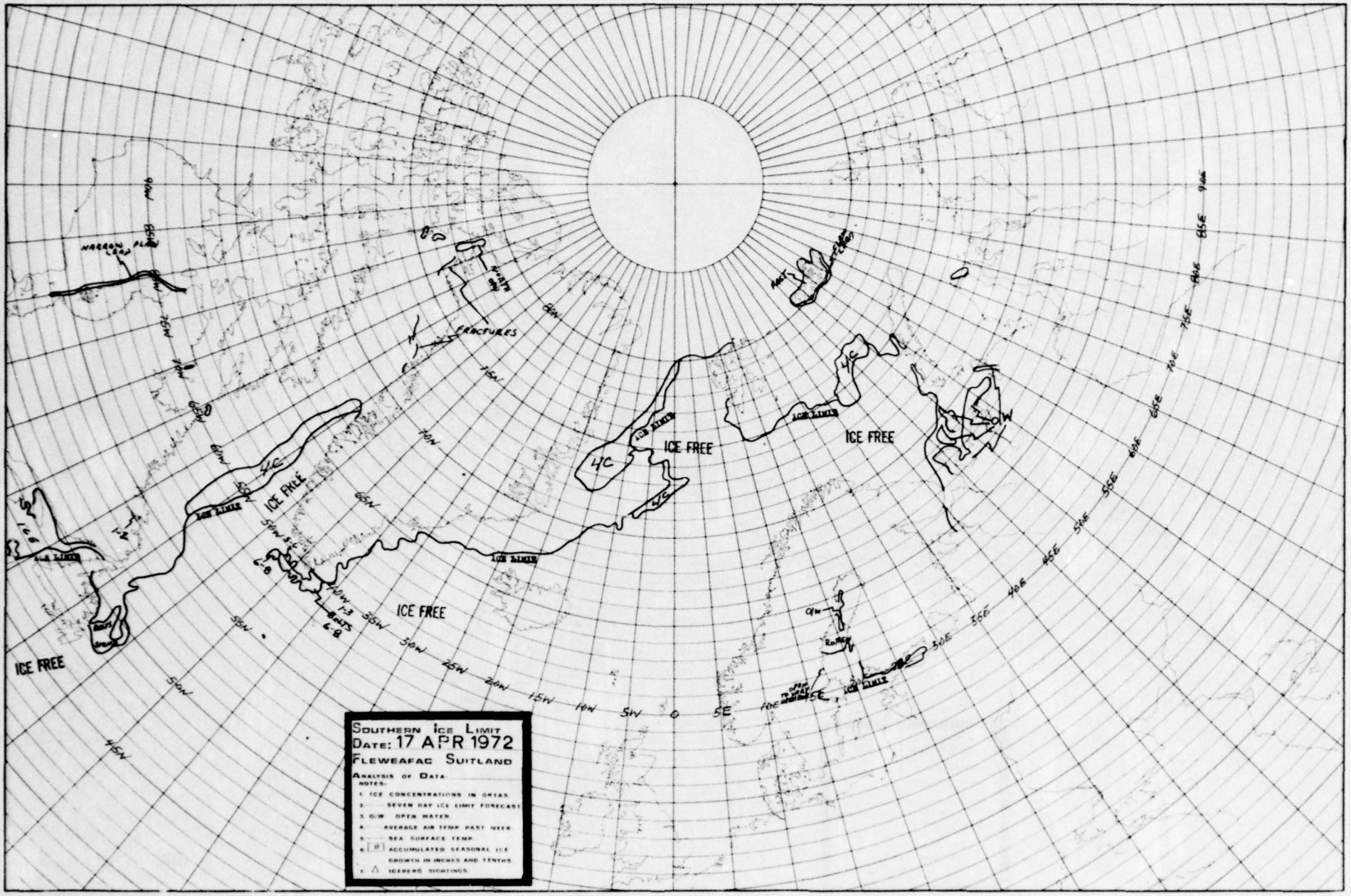
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3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. △ ICEBERG SIGHTINGS.
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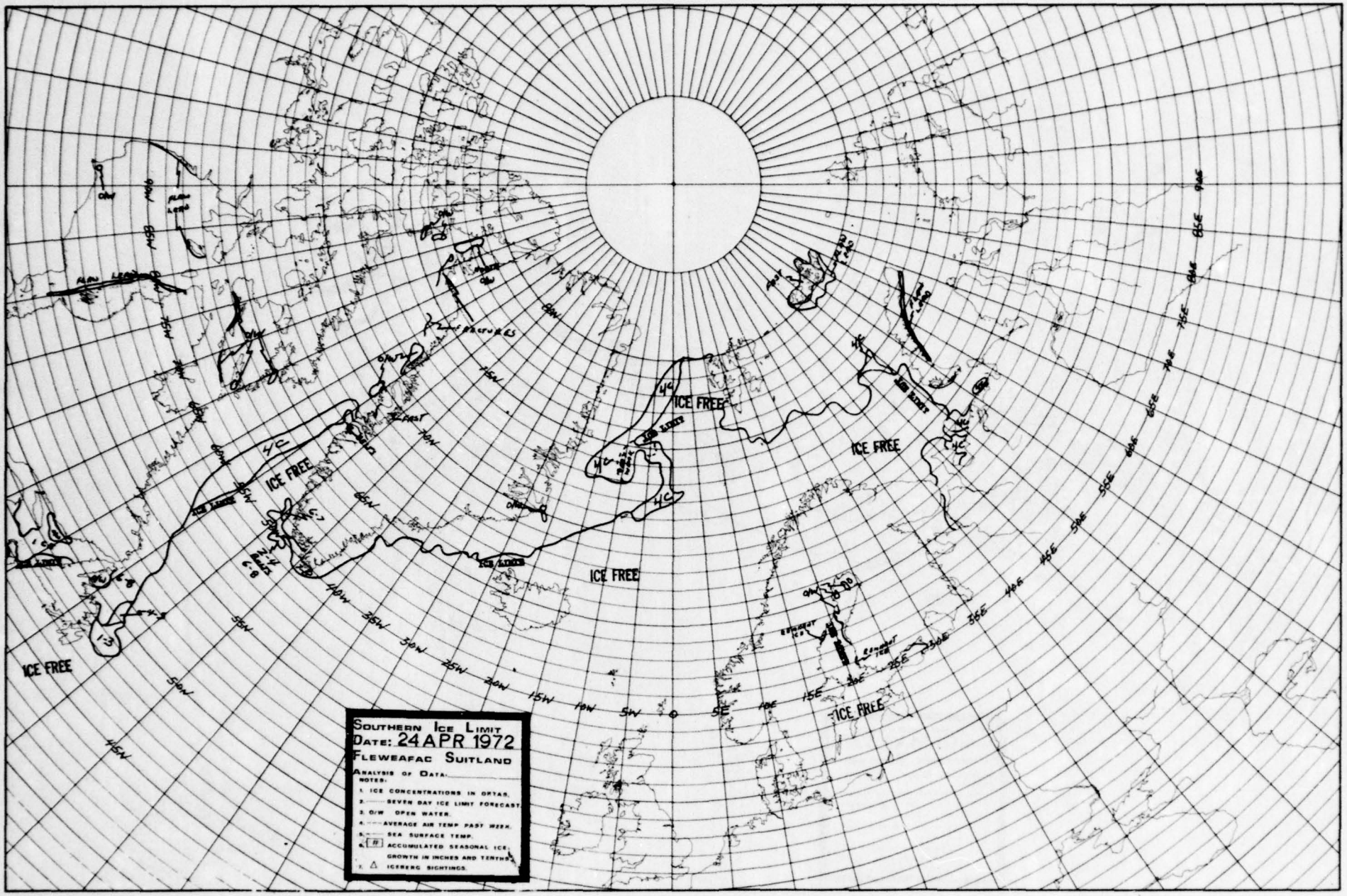
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FLEWEAFAC SUITLAND
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5. ---- SEA SURFACE TEMP.
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7. △ ICEBERG SIGHTINGS.
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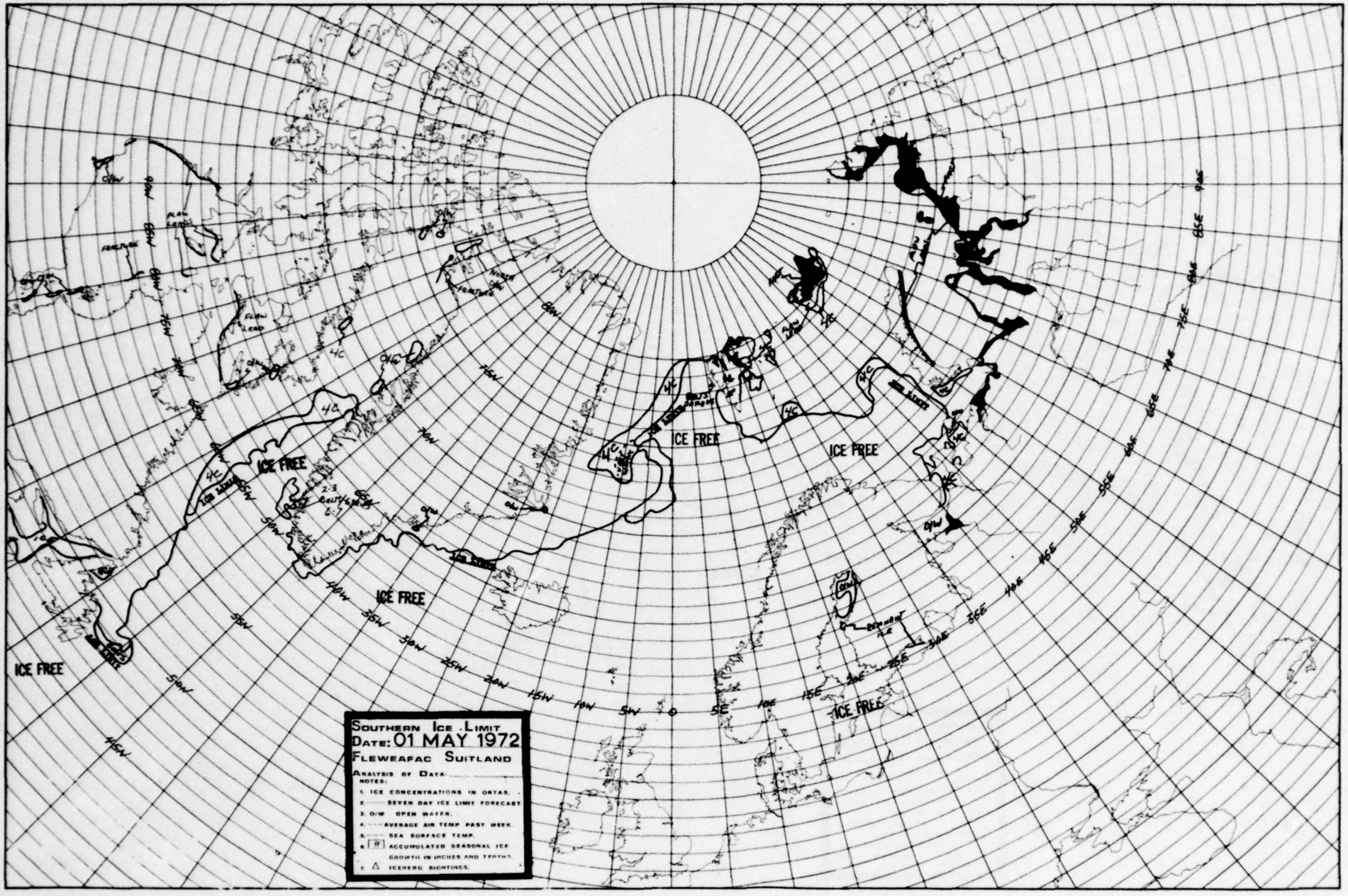
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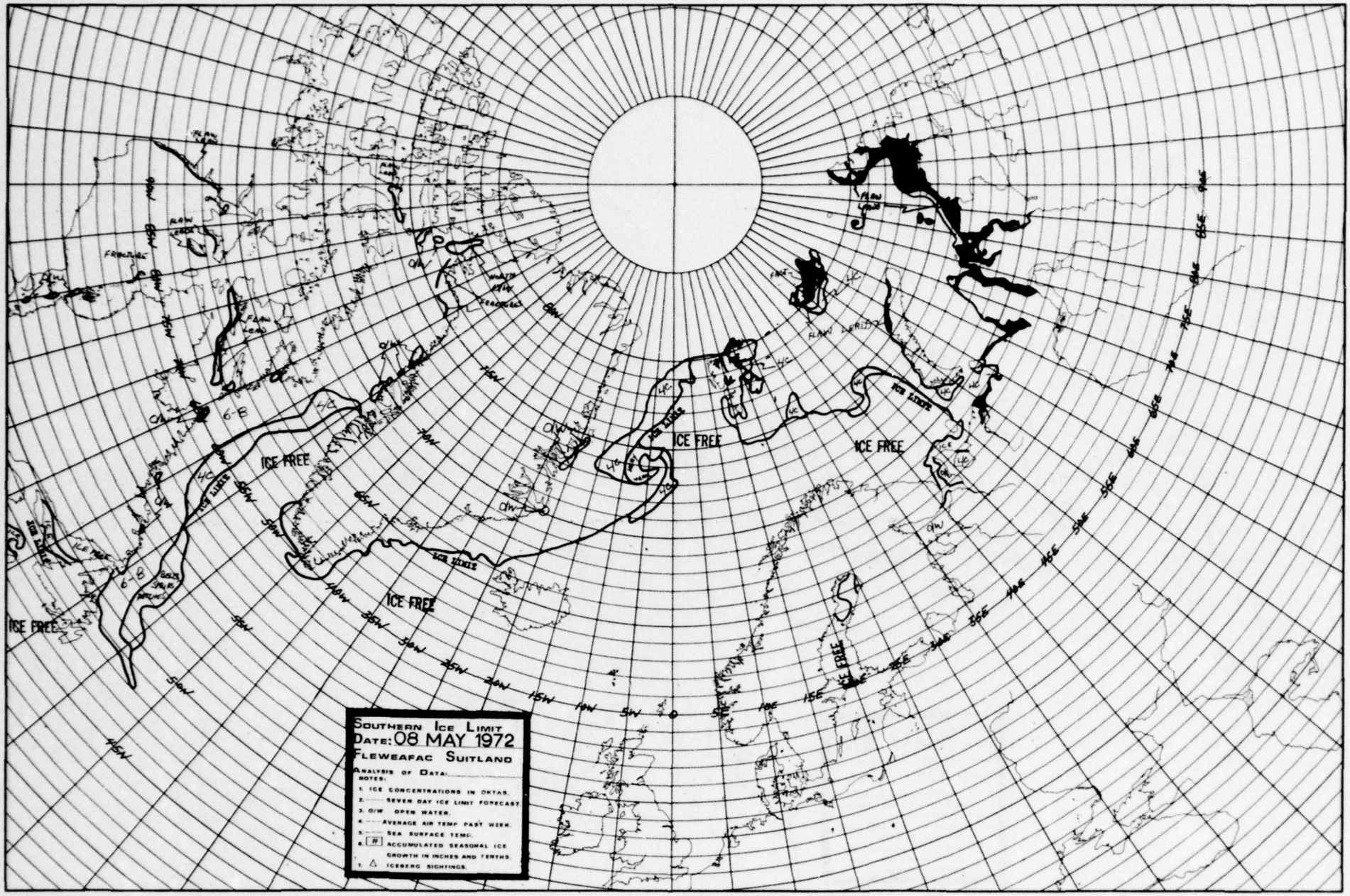
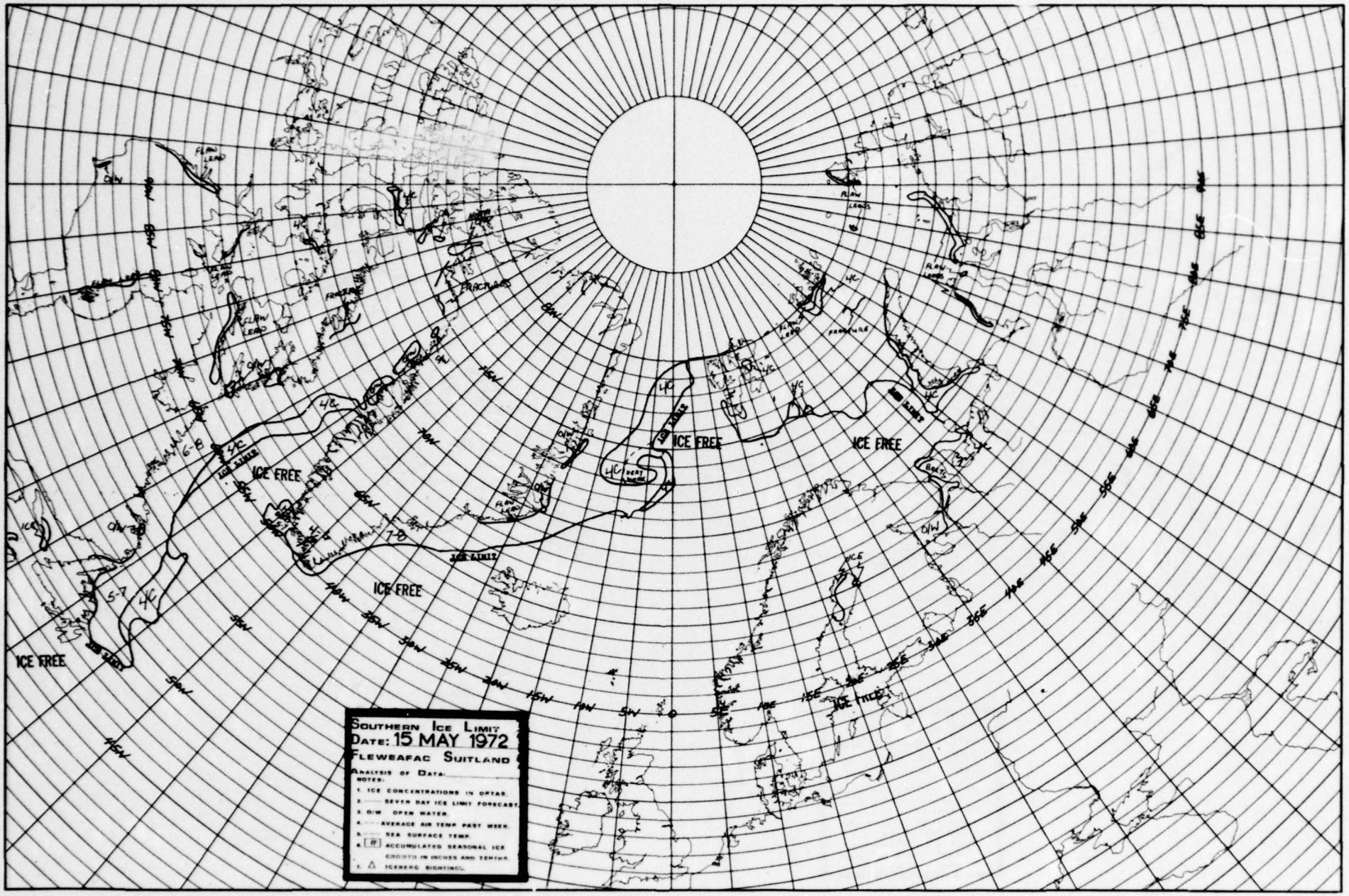
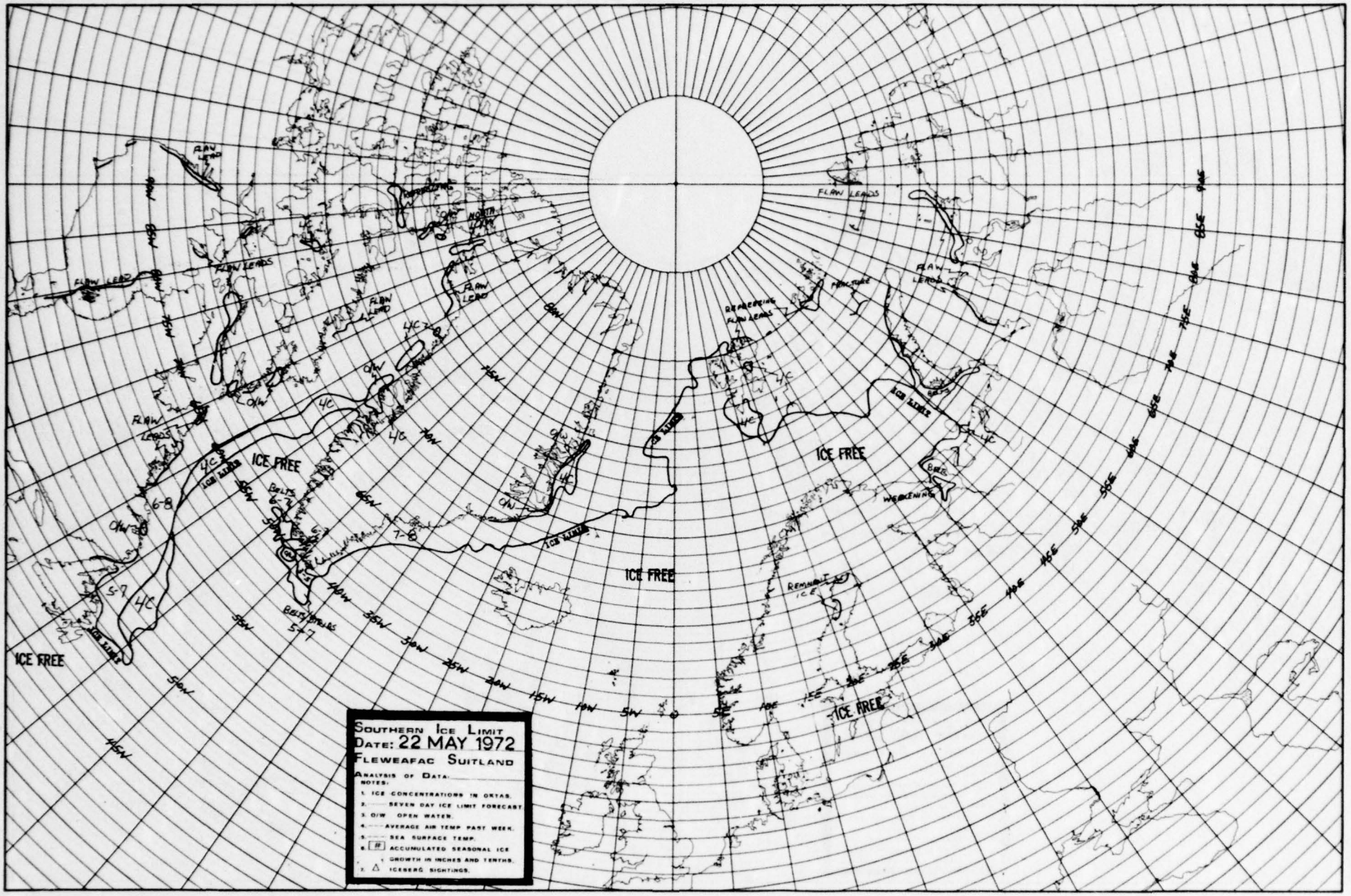
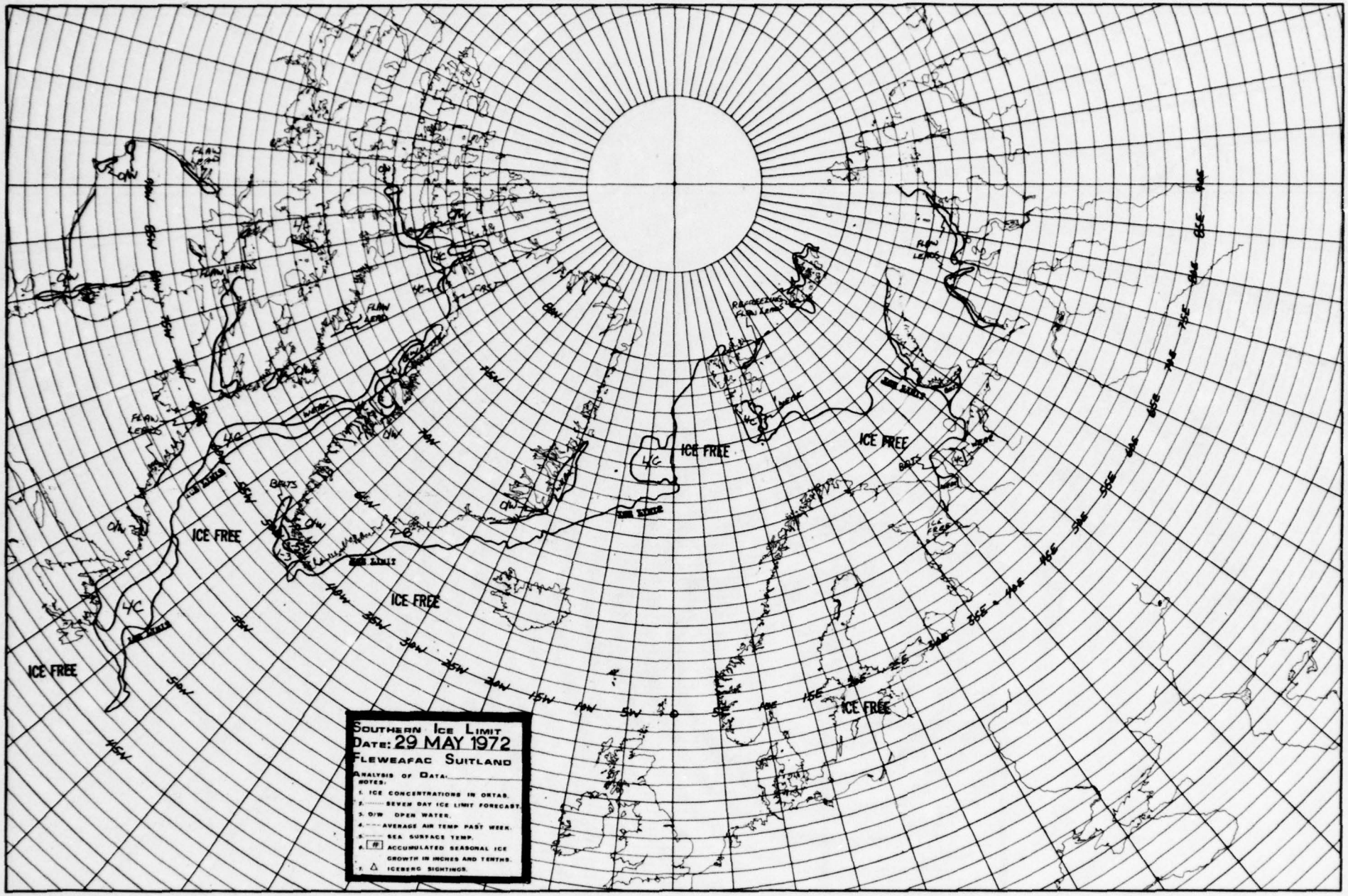
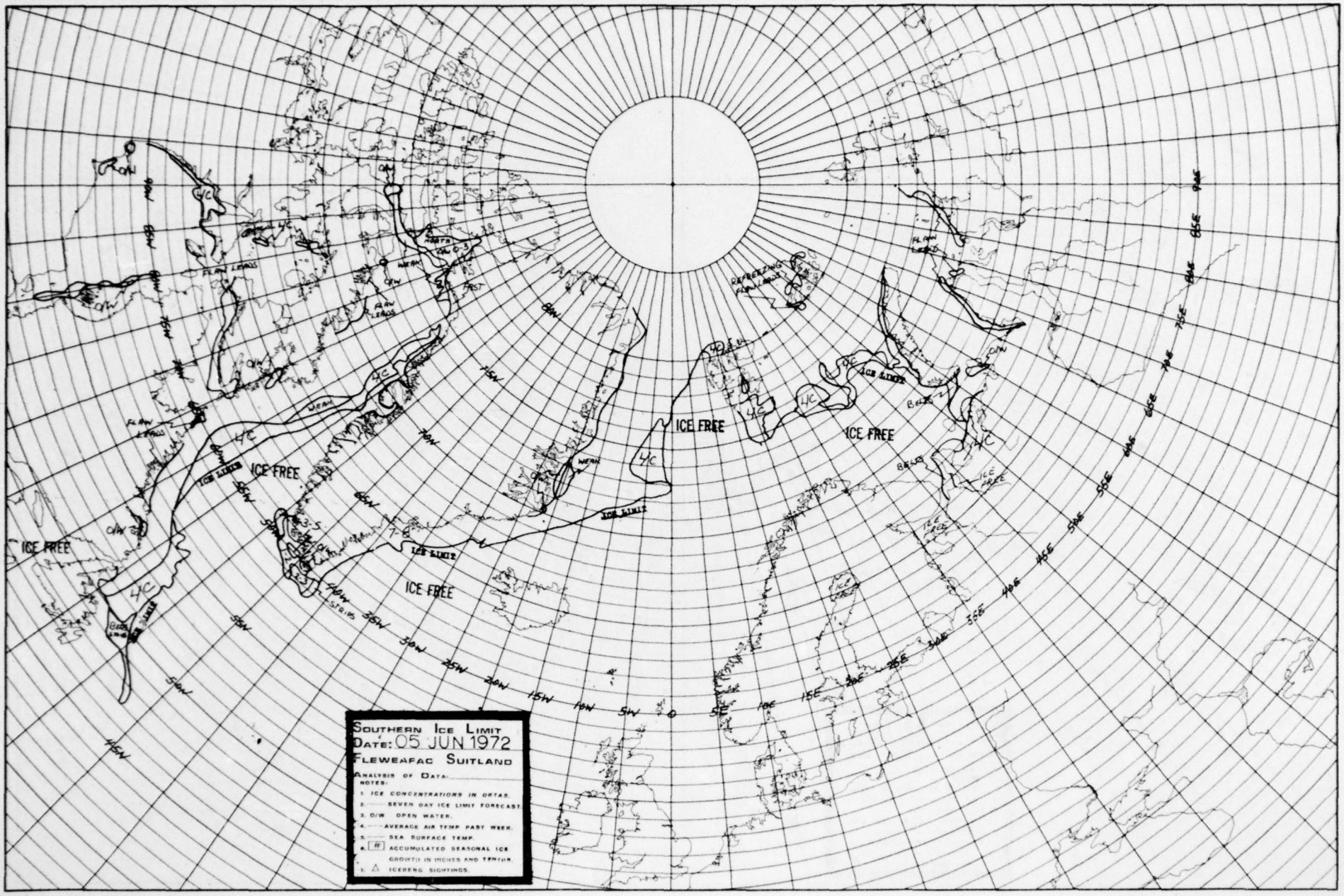
1. ICE CONCENTRATIONS IN ORTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE

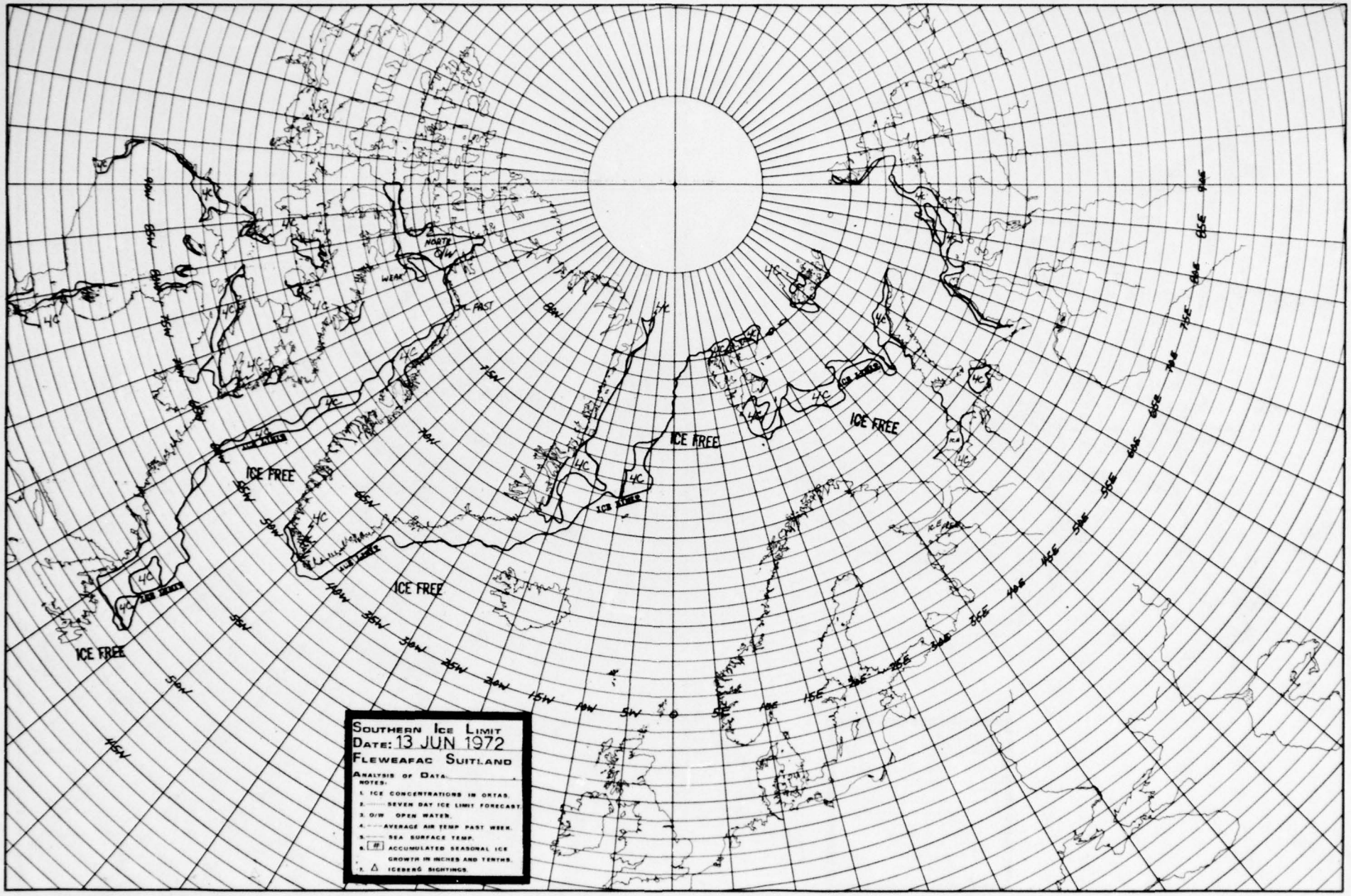

SOUTHERN ICE LIMIT
DATE: 08 MAY 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
FRAZIL
FLAW LEAD
FLAW LEAD
FLAW LEAD
FLAW LEAD
FLAW LEAD
WINTER FAST FRAZIL
6-8
6-8
O/W
O/W
O/W
O/W
O/W
O/W
O/W
4C
4C
4C

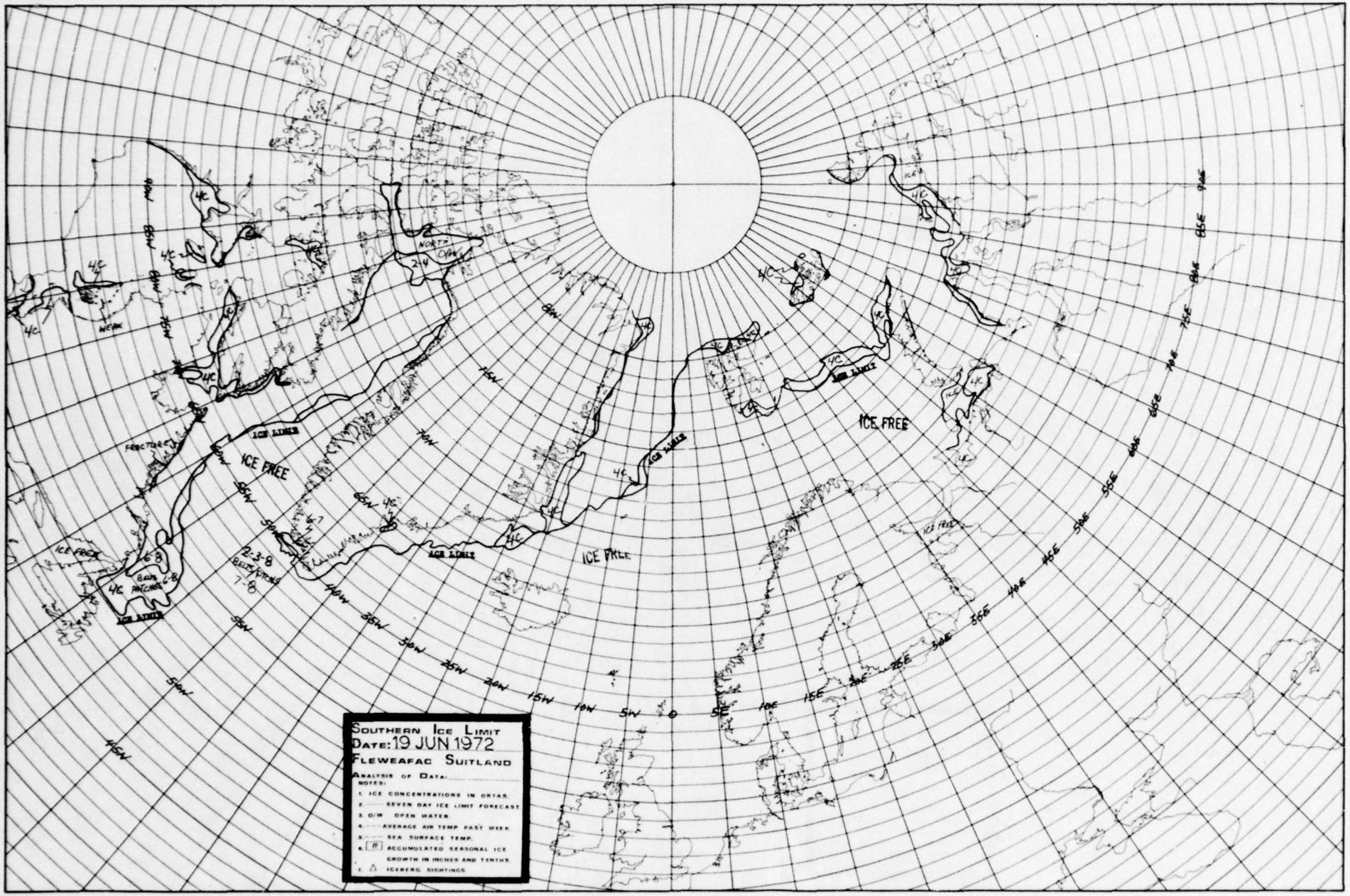

SOUTHERN ICE LIMIT
DATE: 15 MAY 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FLAW LEAD
FRACTURE
O/W
4C
6-8
7-8
5-7
ICE

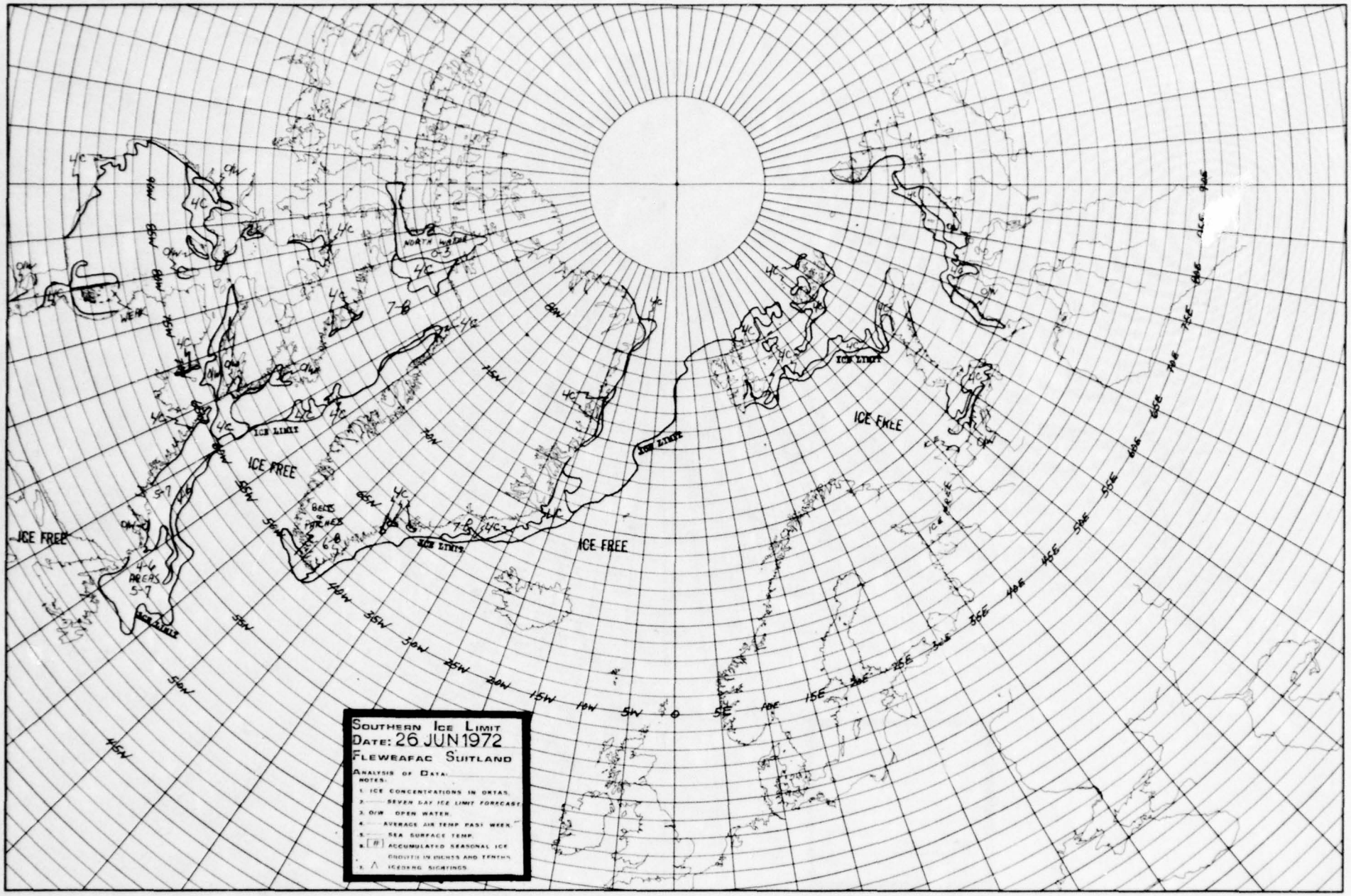

SOUTHERN ICE LIMIT
DATE: 22 MAY 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FLAW LEADS
FLAW LEAD
NORTH LAND
REMAINING FLAW LEADS
ICE EDGE
WEAKENING
REMNANT ICE
BELT OF ICE
ICE WEDGE
4C
O/W
6-8
5-7
7-8
0°
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W

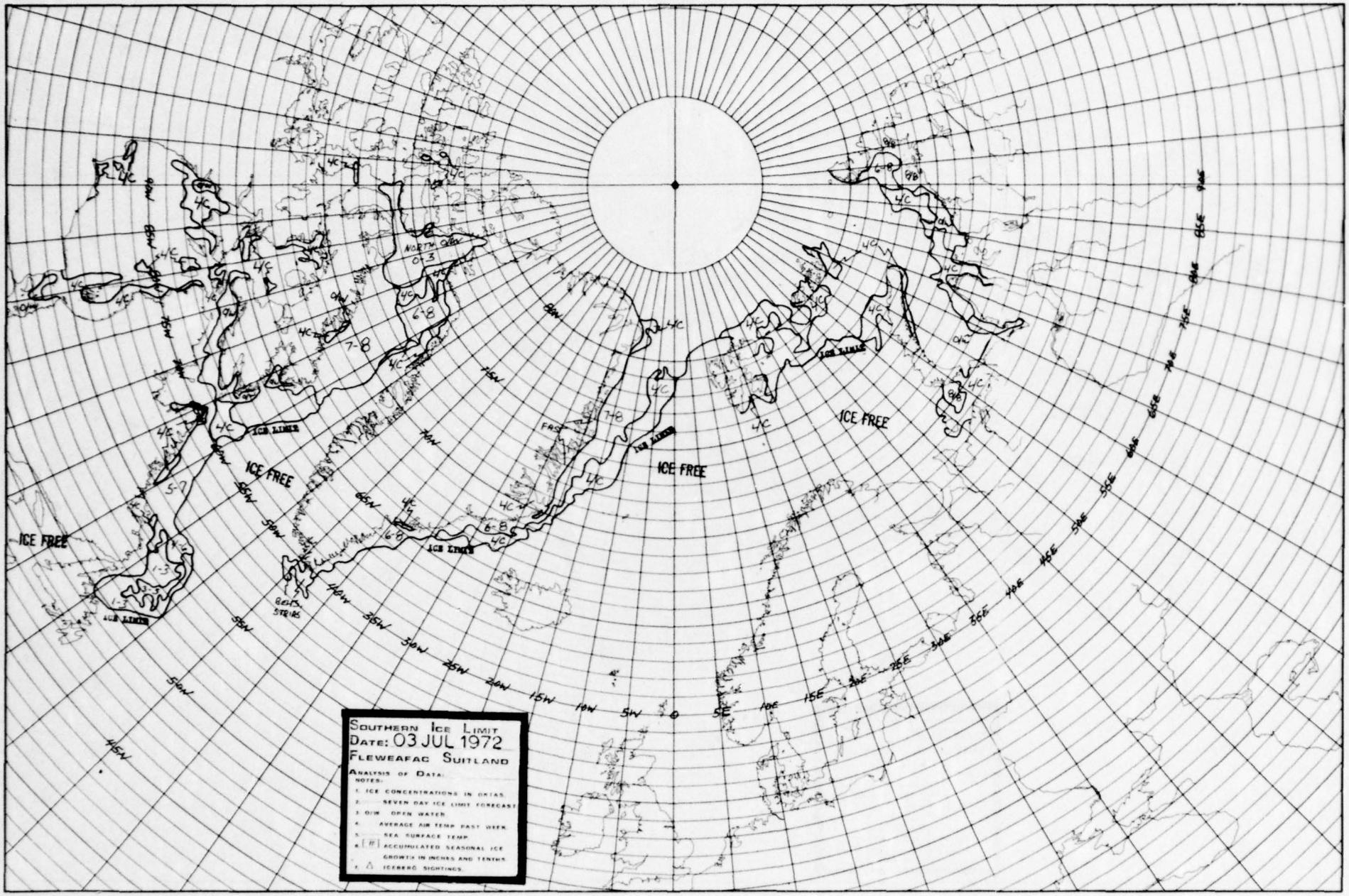

SOUTHERN ICE LIMIT
DATE: 29 MAY 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
4C
4C
4C
O/W
FLAW LEADS
BRYS
ICE LIMIT
ICE EDGE
WEAK
FAST
70°
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

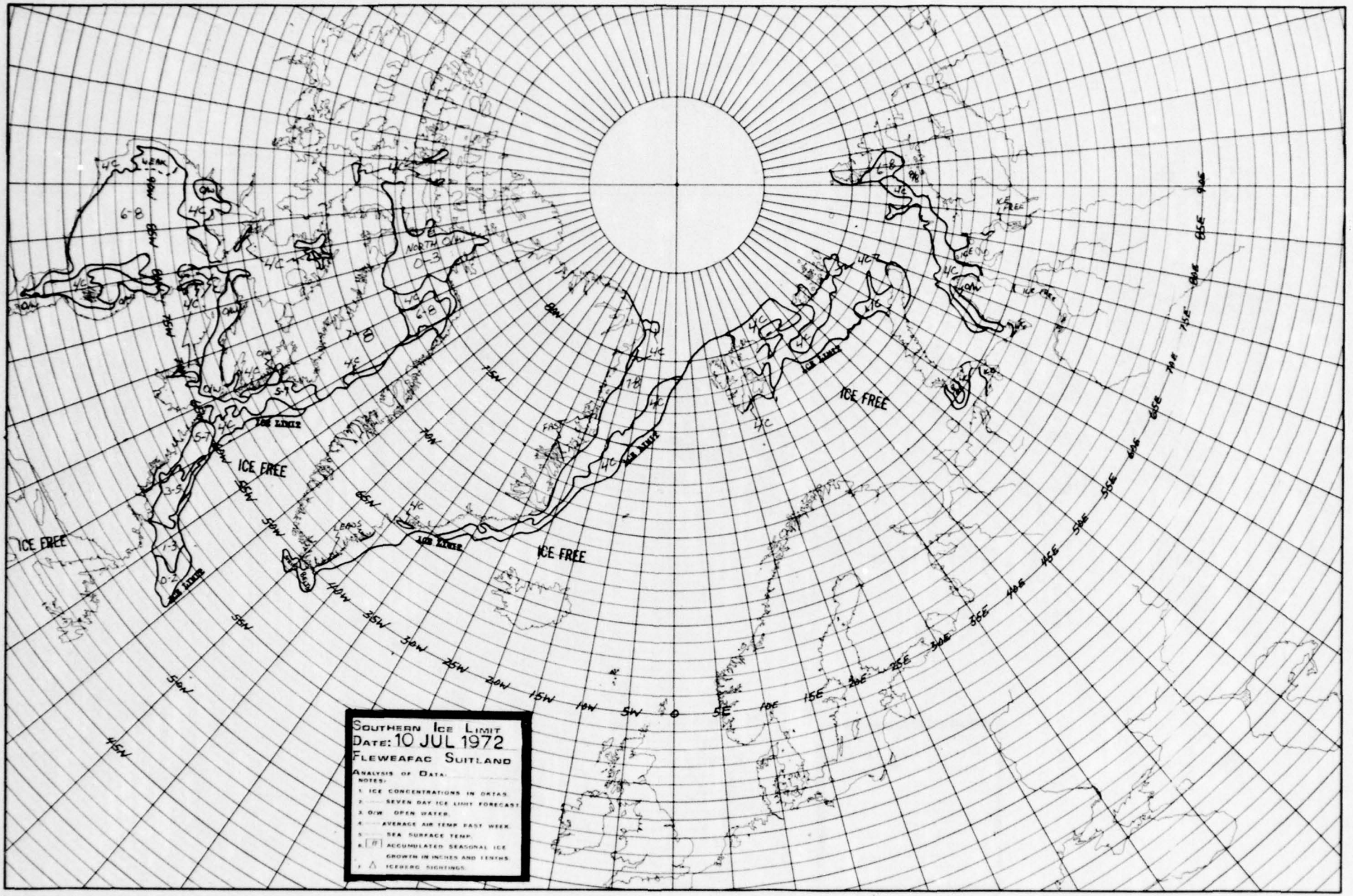

SOUTHERN ICE LIMIT
DATE: 05 JUN 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ····· AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FLAW LEADS
O/W
4C
MEAN
PAST
REFREEZING FLAW LEADS
BERG
STRIP
0-3
3-5
7-8
ICE FREE

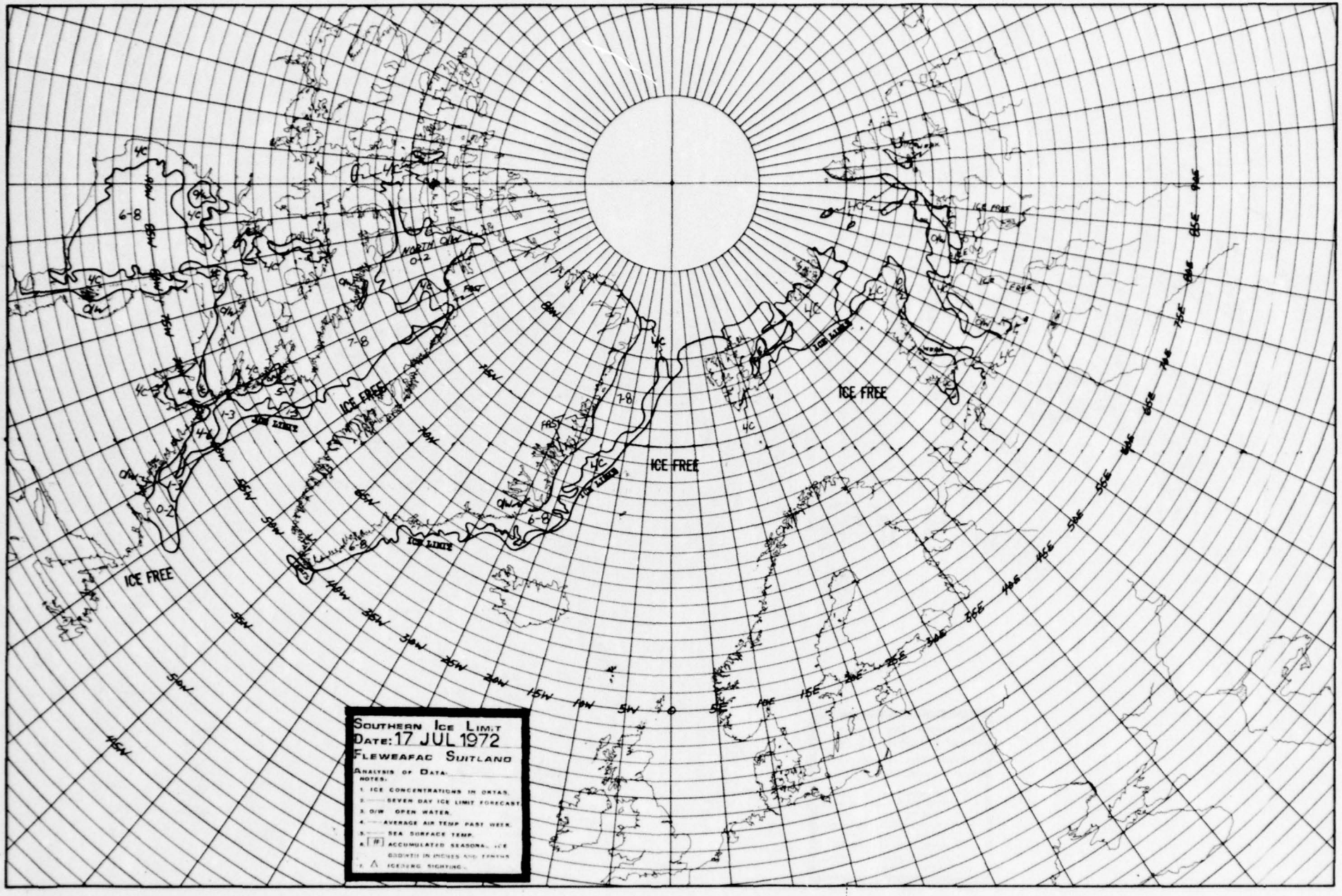

SOUTHERN ICE LIMIT
DATE: 13 JUN 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
NORTH 0/4
WEAK
FAST
4C
0C
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

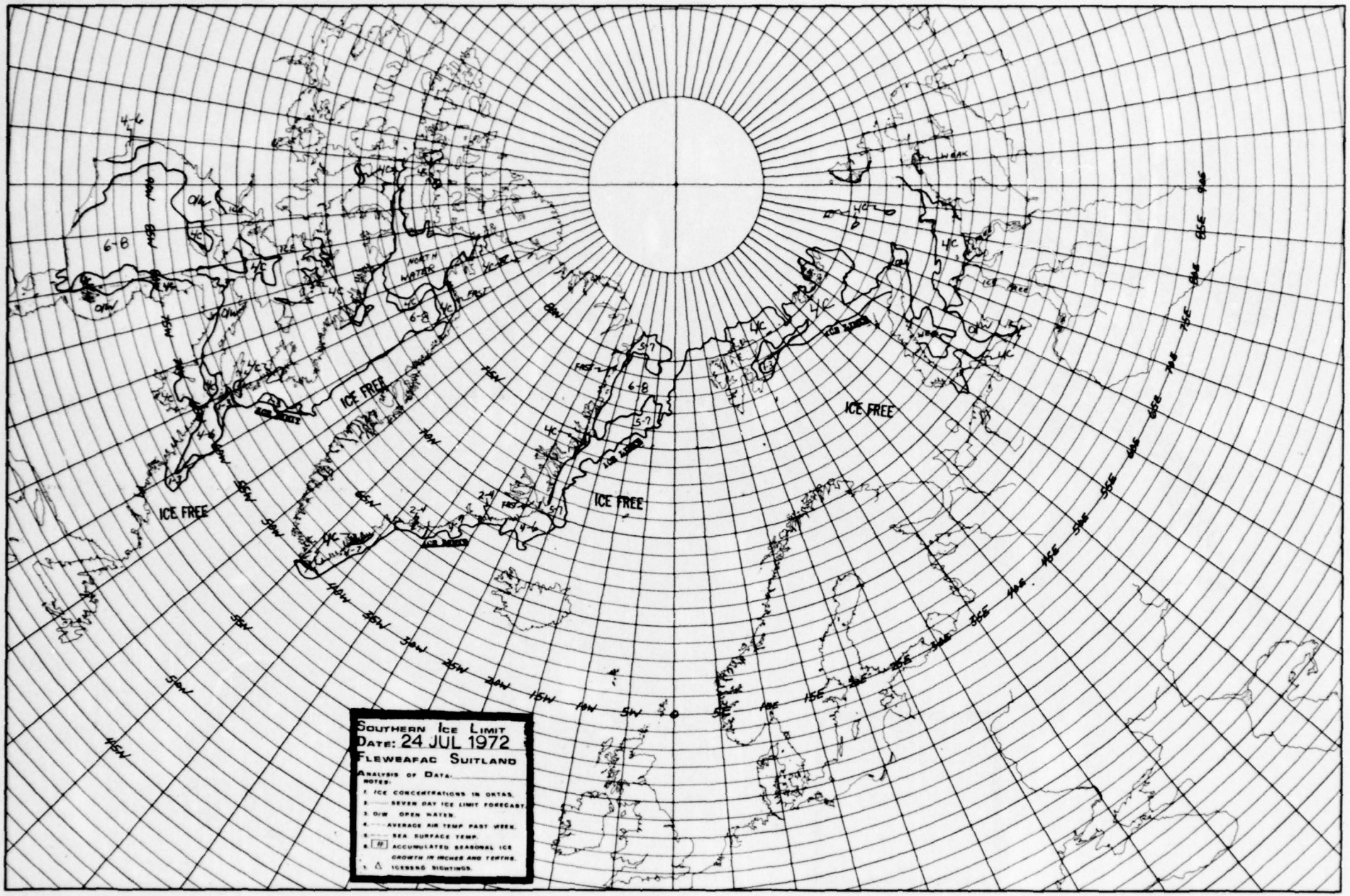

SOUTHERN ICE LIMIT
DATE: 19 JUN 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. - - - - AVERAGE AIR TEMP PAST WEEK.
5. - - - - SEA SURFACE TEMP.
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE LIMIT
ICE FREE
4C
NORTH CAPE
NEWK
FERO TORE
BELT PACK
BELT PACKS
2-3-8
7-8
6-8
6-7
2-4
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 26 JUN 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP.
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. △ ICEBERG SIGHTINGS
ICE FREE
ICE LIMIT
NORTH WARNE
BELTS OF PACK
PACK LIMIT
4-6 AREAS 5-7
7-8
4C
O/W
WEAK
ICE PACK


SOUTHERN ICE LIMIT
DATE: 03 JUL 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
NORTH ICE
BELTS STRIKE
FAST
4C
6-8
7-8
5-7
1-3
0-3
0W
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 10 JUL 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP. LAST WEEK.
5. ---- SEA SURFACE TEMP.
6. [/] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
NORTH O/W
LEADS
FAST
ICE FREE
0W
4C
6-8
0-3
5-7
3-5
1-3
0-2
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 17 JUL 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ——— AVERAGE AIR TEMP. PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTING.
ICE FREE
ICE LIMIT
NORTH ICE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE FREE
ICE FREE
ICE FREE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 24 JUL 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
NORTH WATER
ICE BARRIER
ICE BARRIER
ICE BARRIER
ICE BARRIER
WEAK
ICE FREE
6-8
4-6
0/W
4C
5-7
2-4
FRZ
ICE
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
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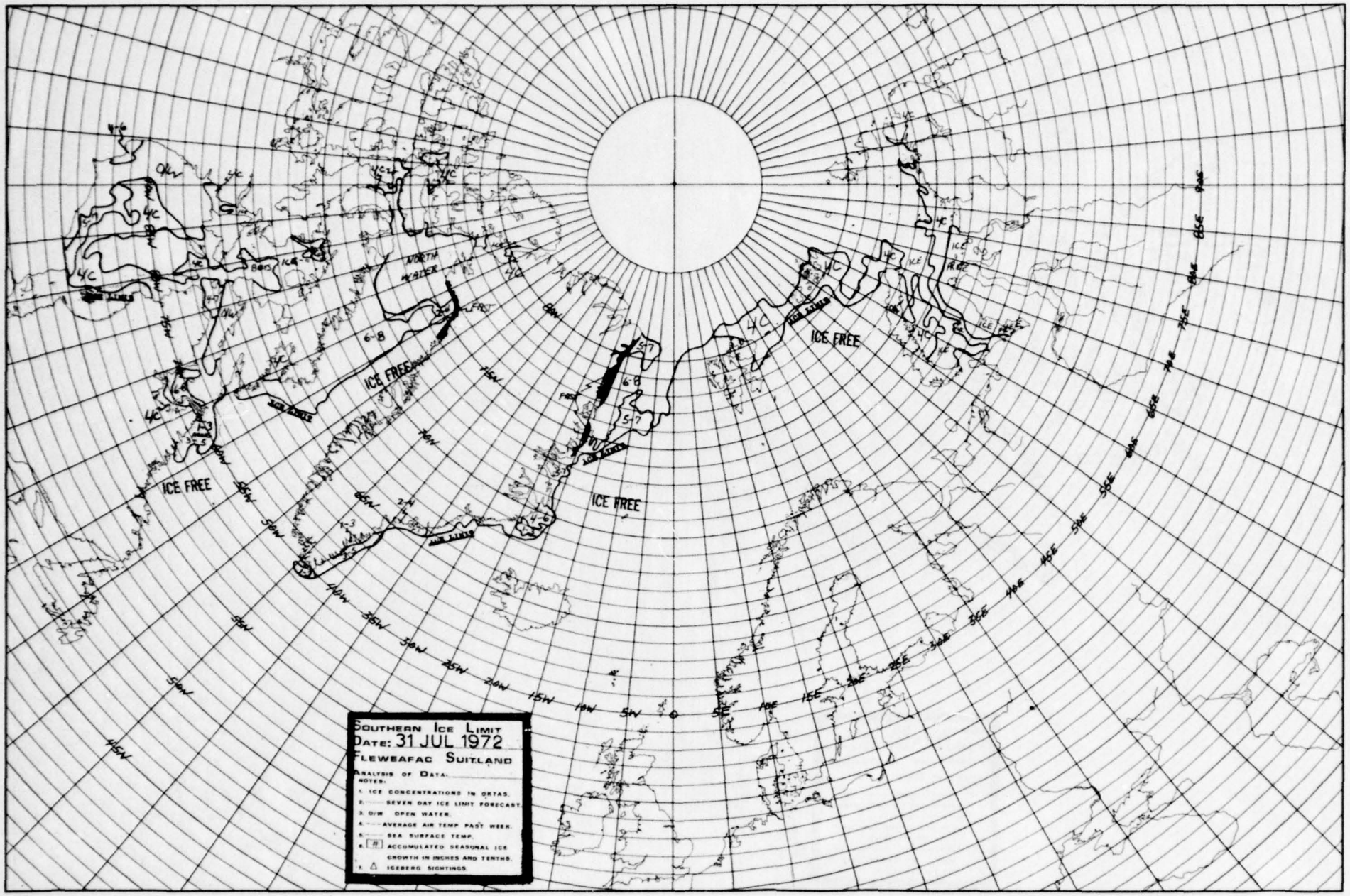
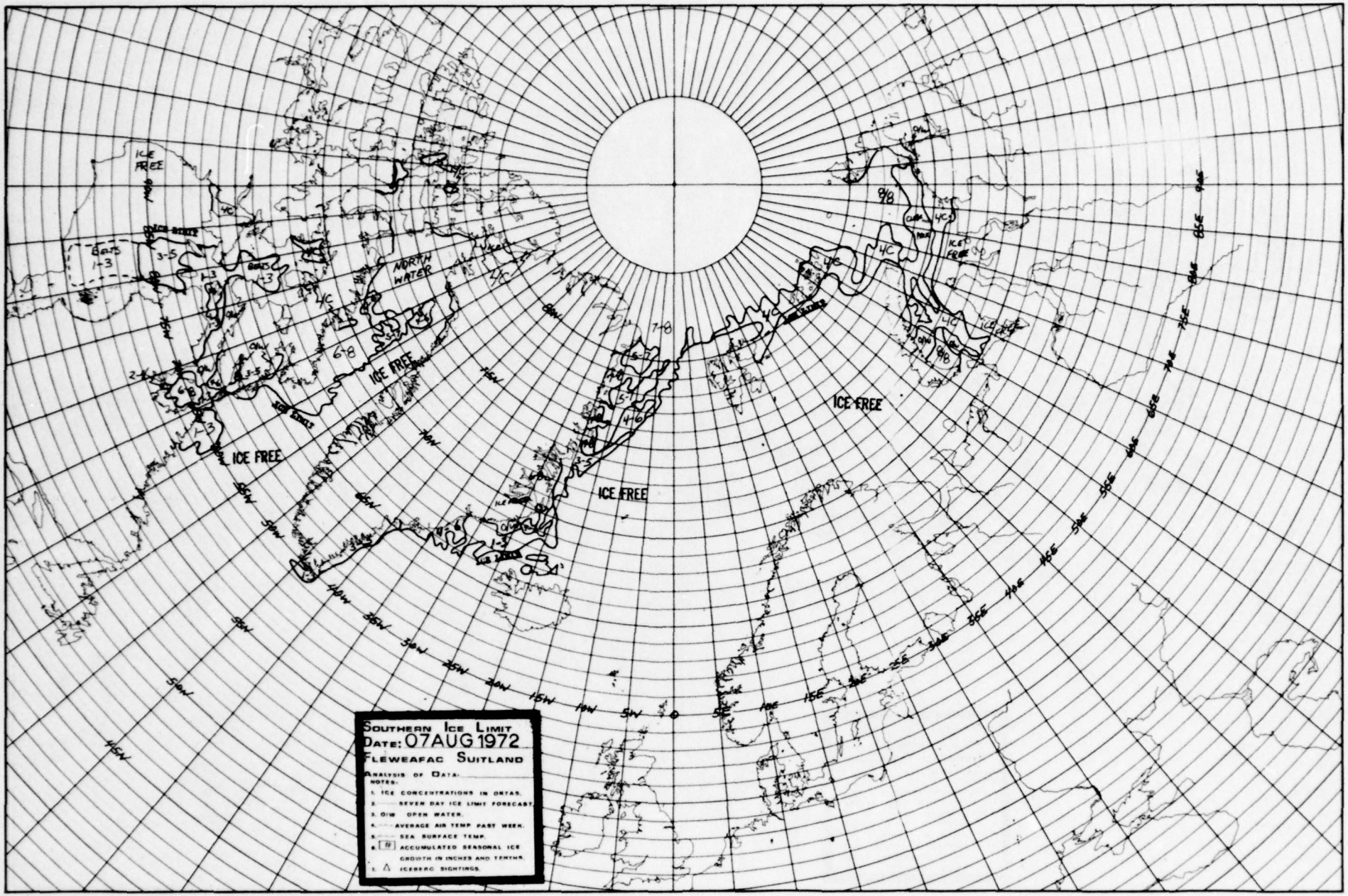
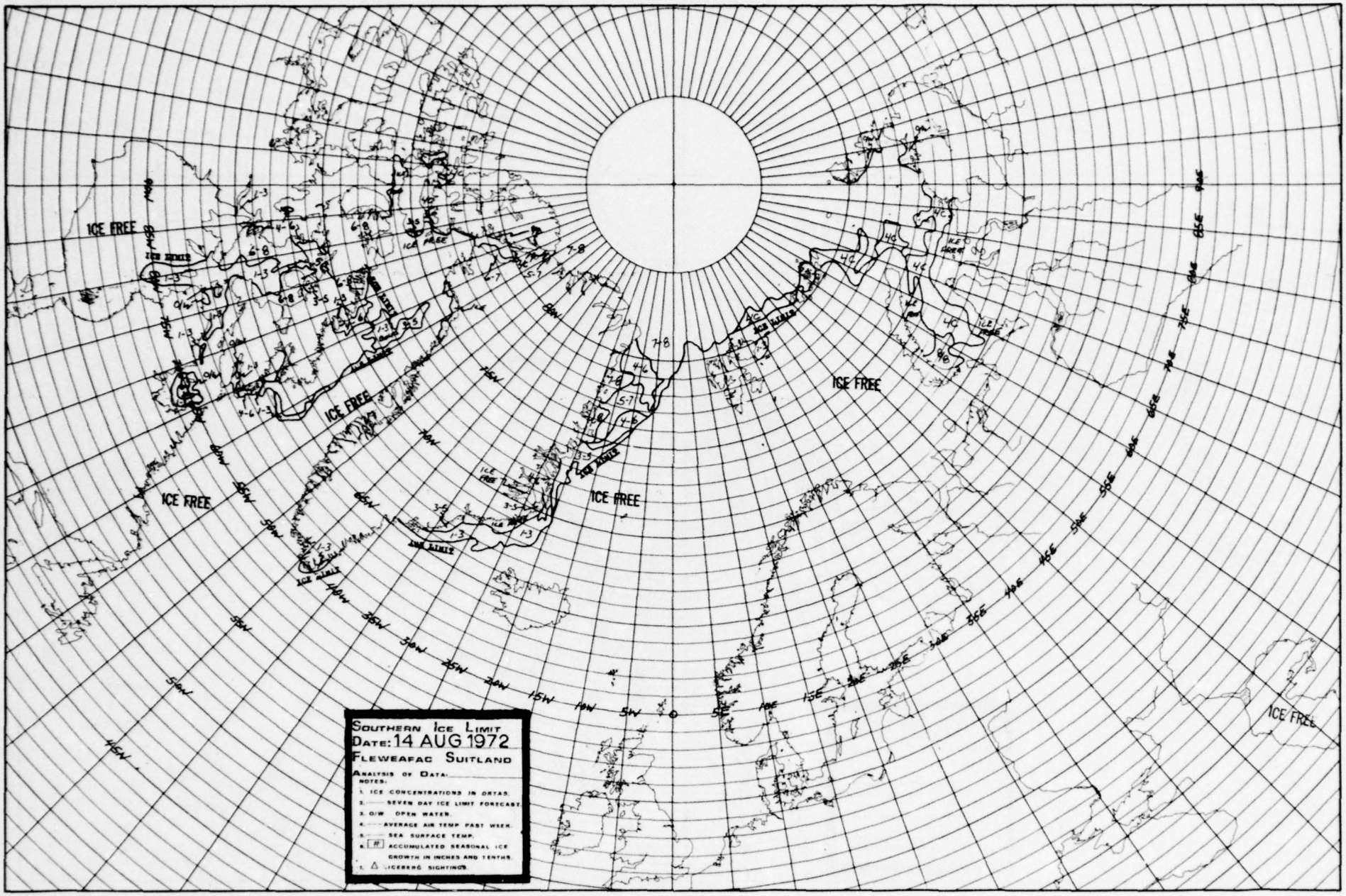
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 31 JUL 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
NORTH WATER
ICE FREE
ICE FREE
ICE FREE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 07AUG 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
NORTH WATER
ICE FREE
ICE FREE
ICE FREE


ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
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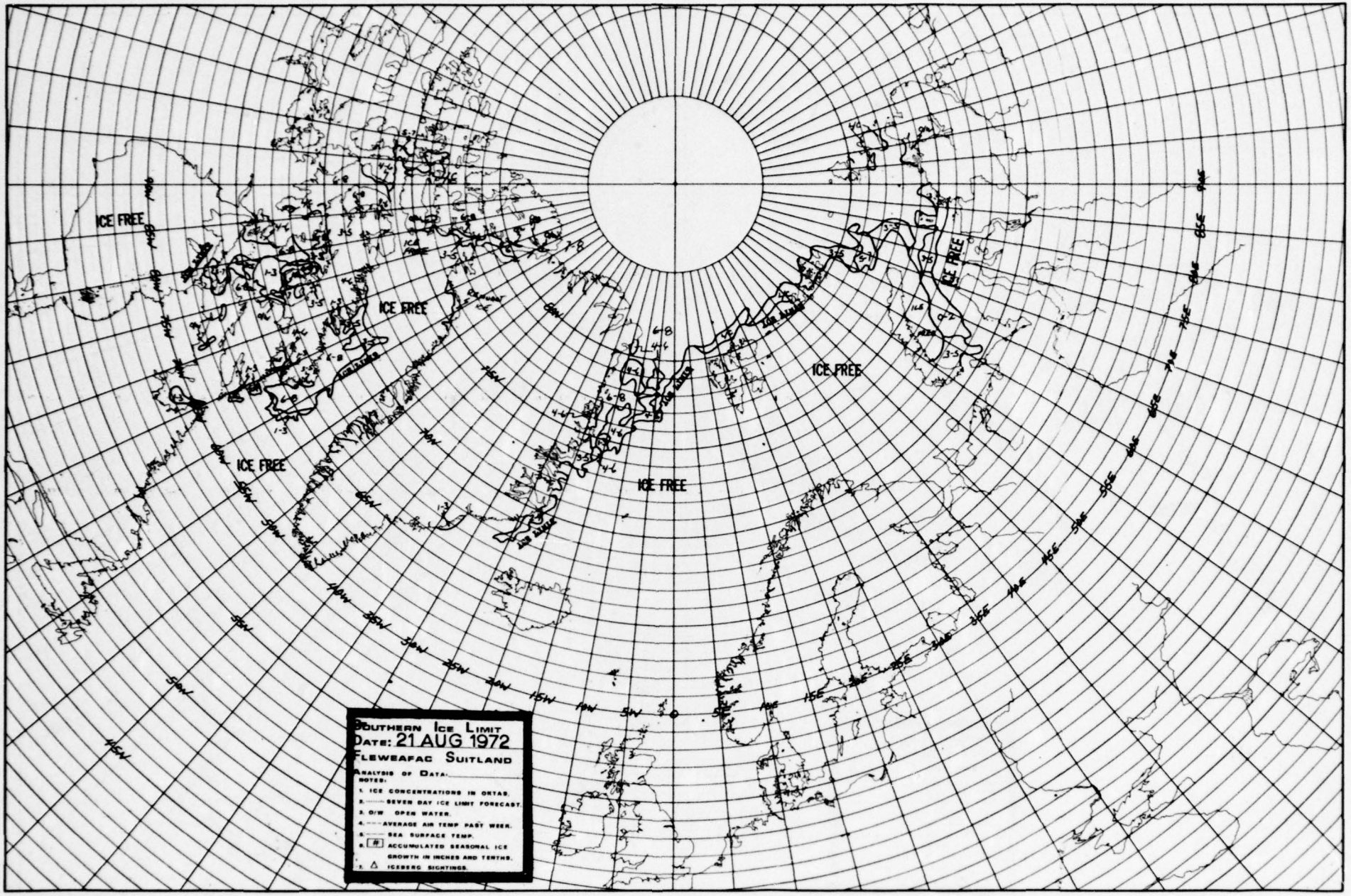
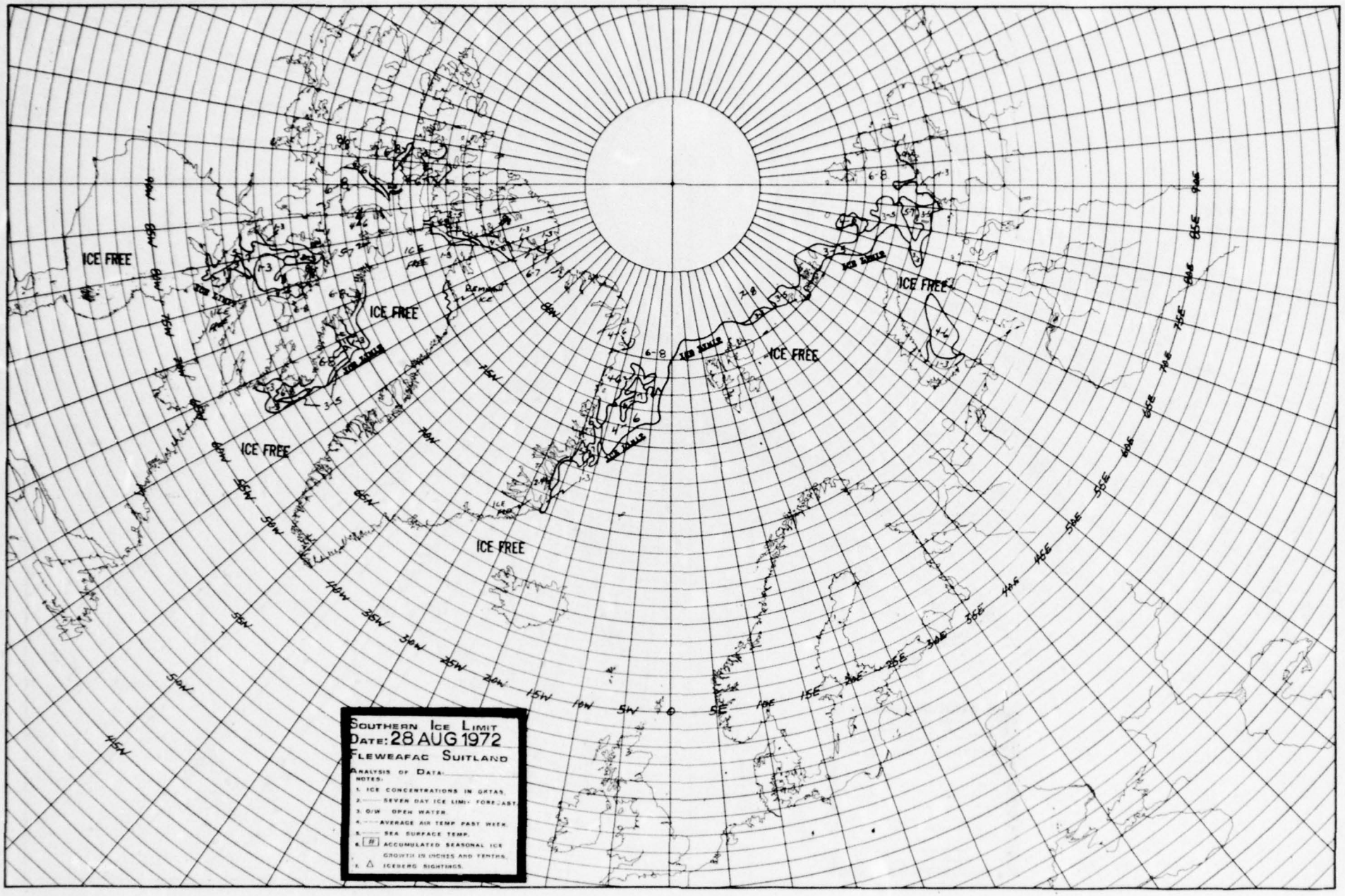
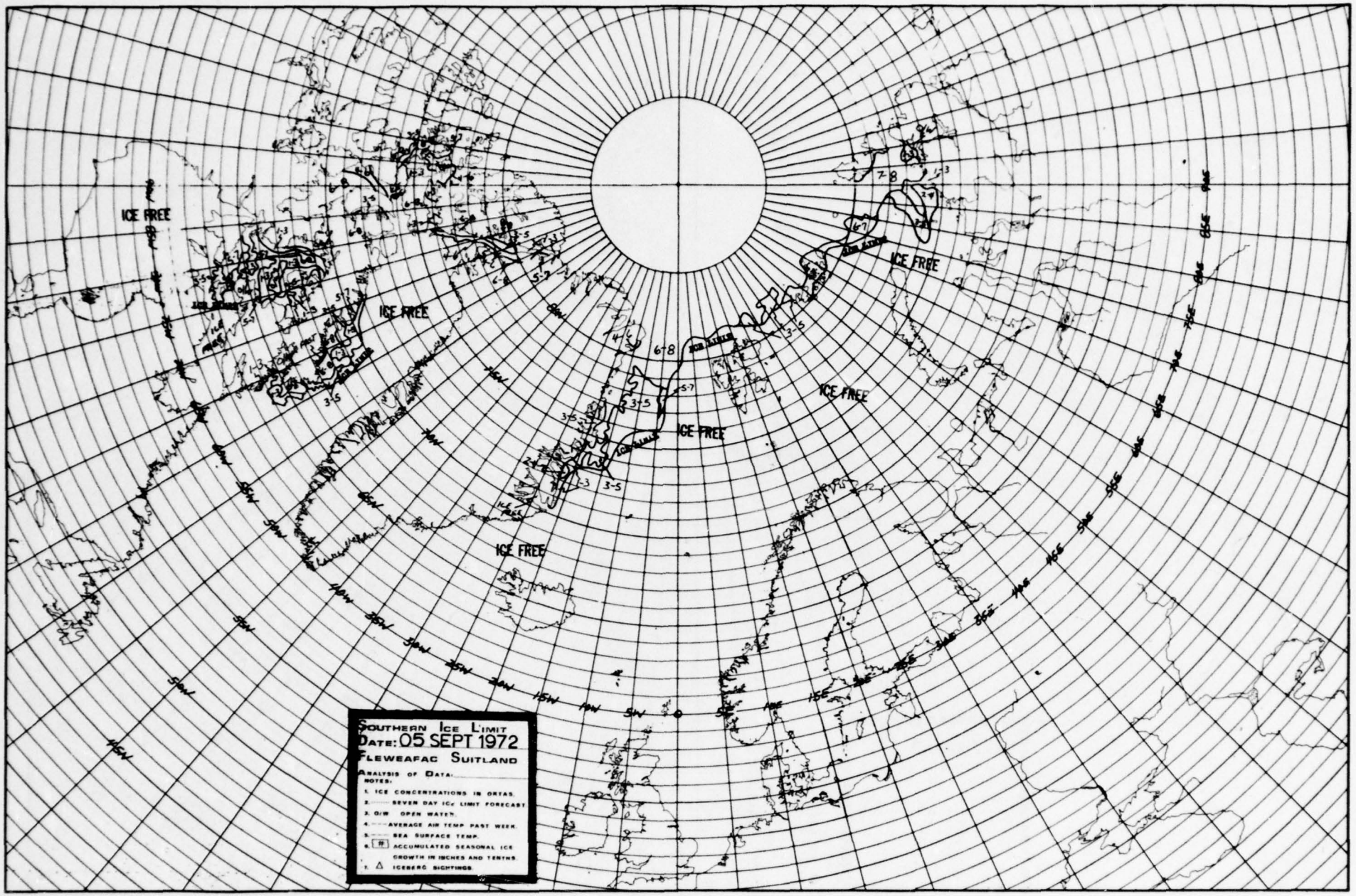
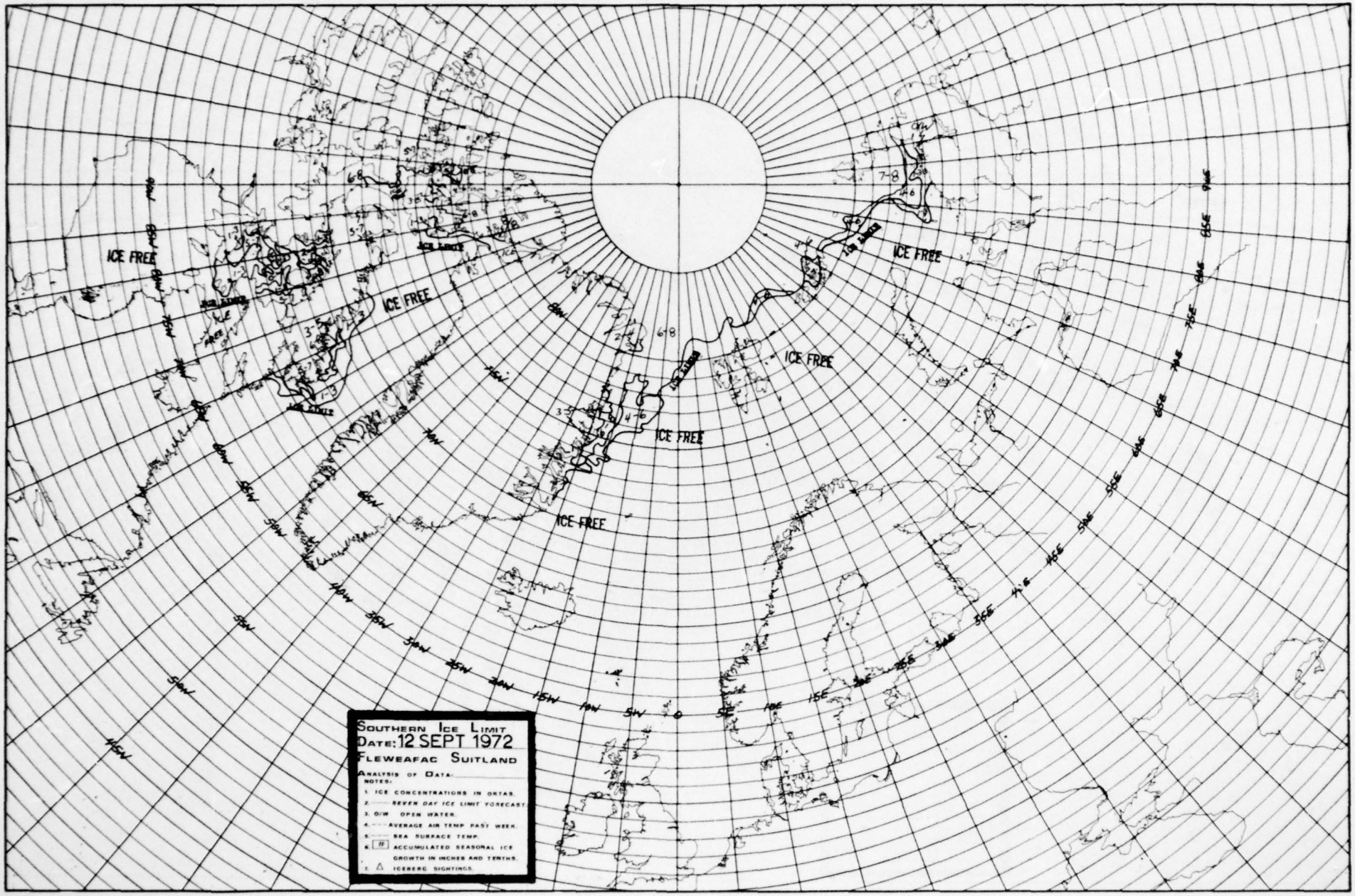
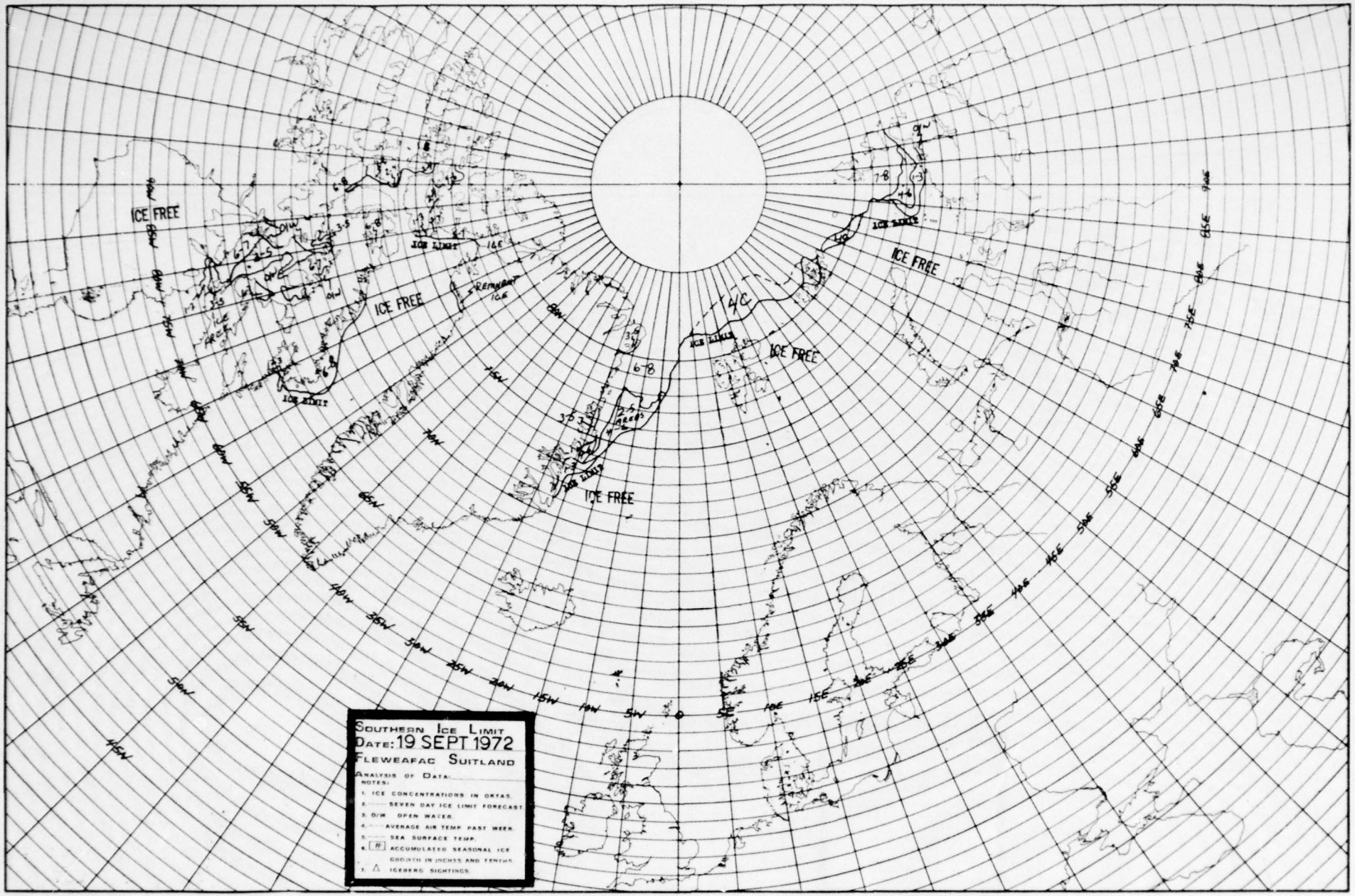
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
SOUTHERN ICE LIMIT
DATE: 14 AUG 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. [H] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

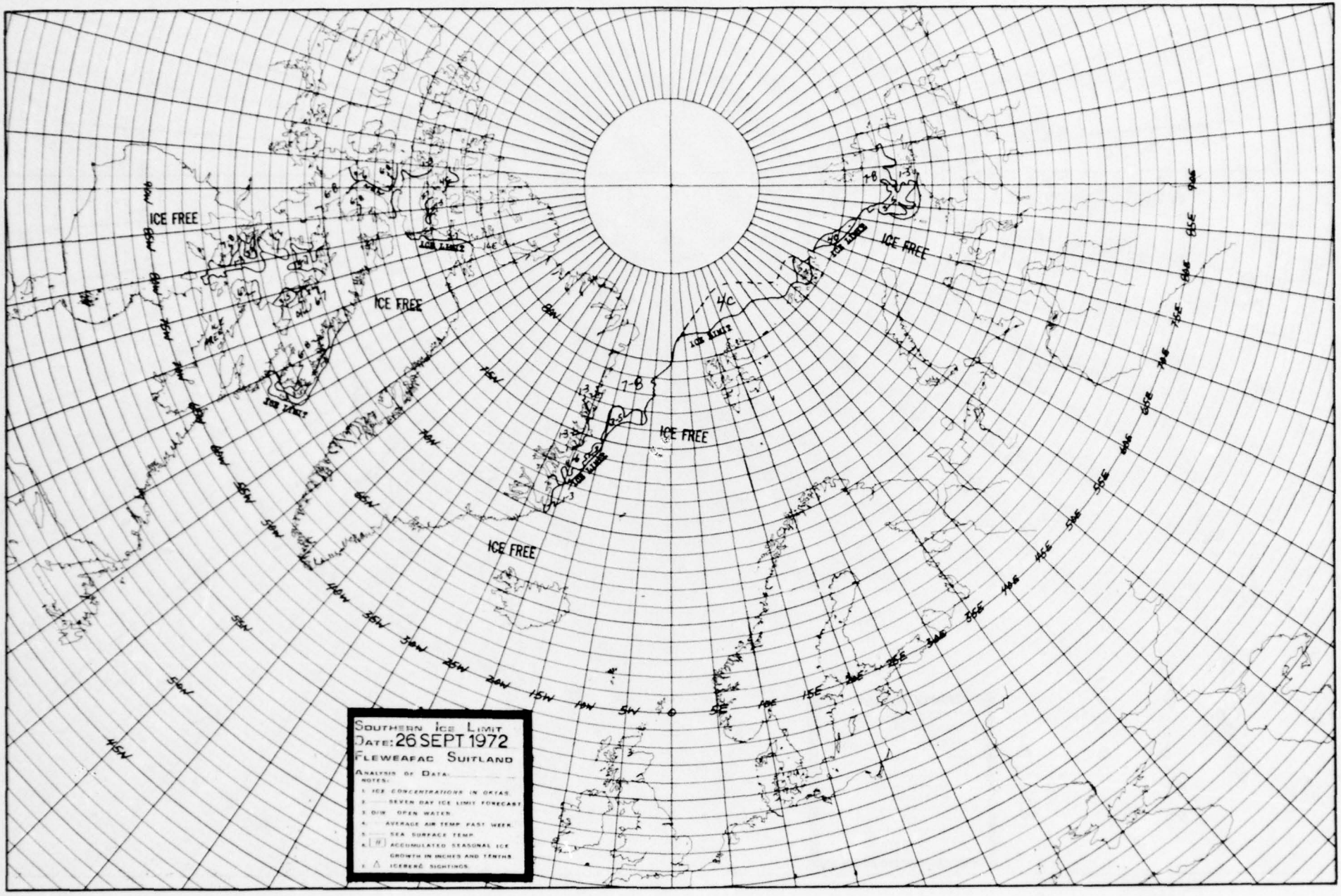

ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
SOUTHERN ICE LIMIT
DATE: 21 AUG 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

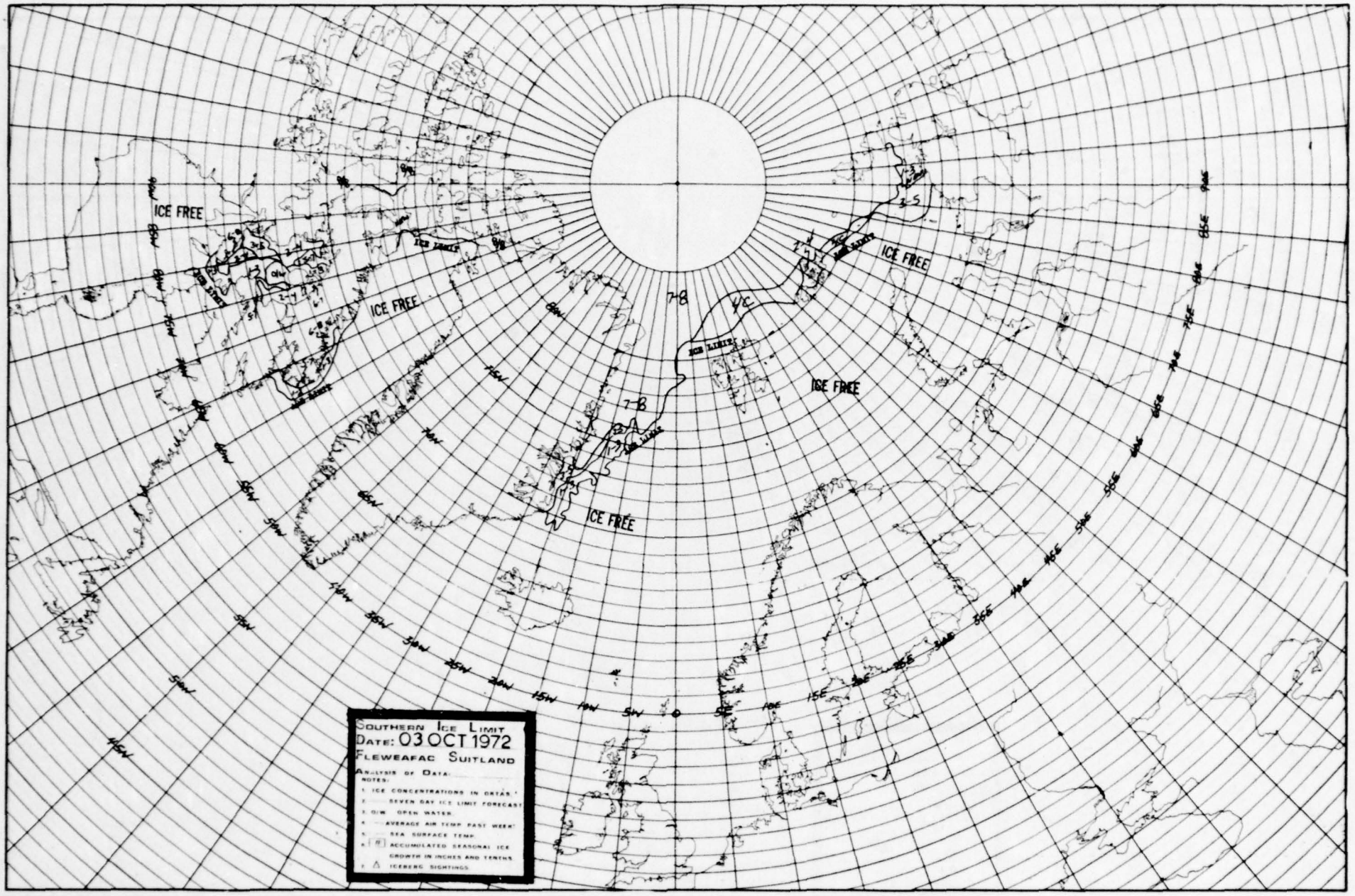

ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE EDGE
REMNANT ICE
SOUTHERN ICE LIMIT
DATE: 28 AUG 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

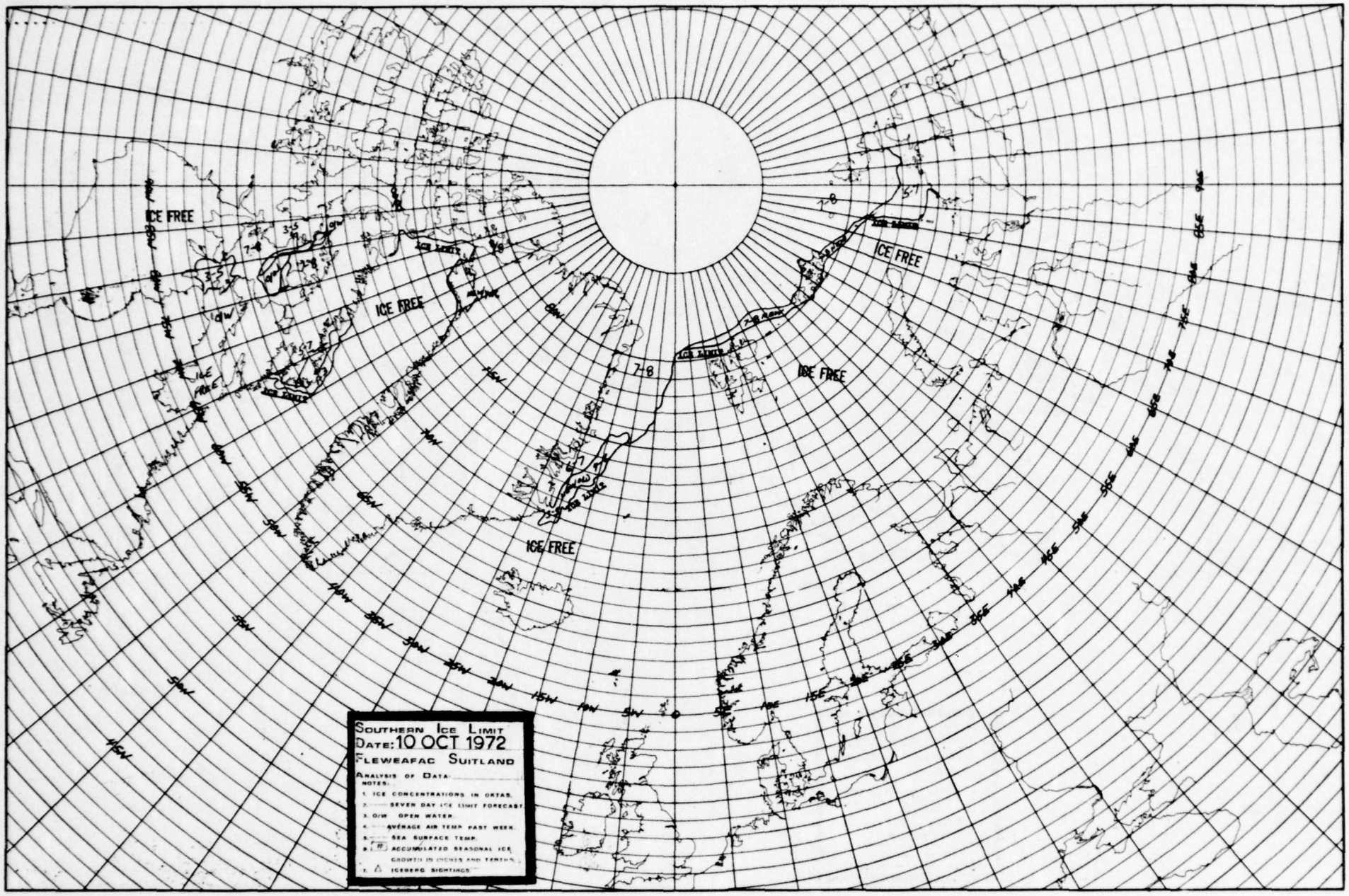

ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
SOUTHERN ICE LIMIT
DATE: 05 SEPT 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN ORTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

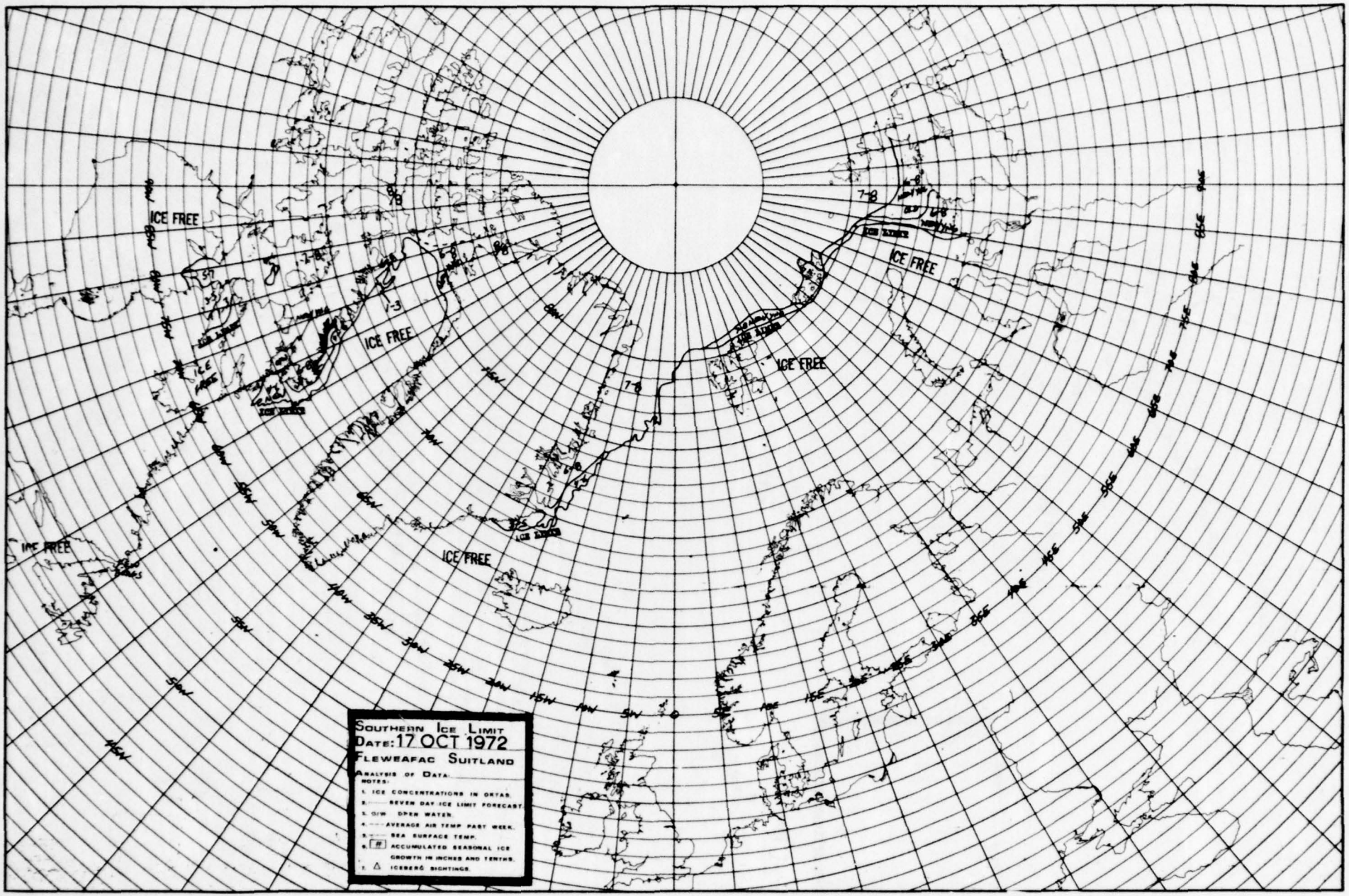

ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
SOUTHERN ICE LIMIT
DATE: 12 SEPT 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

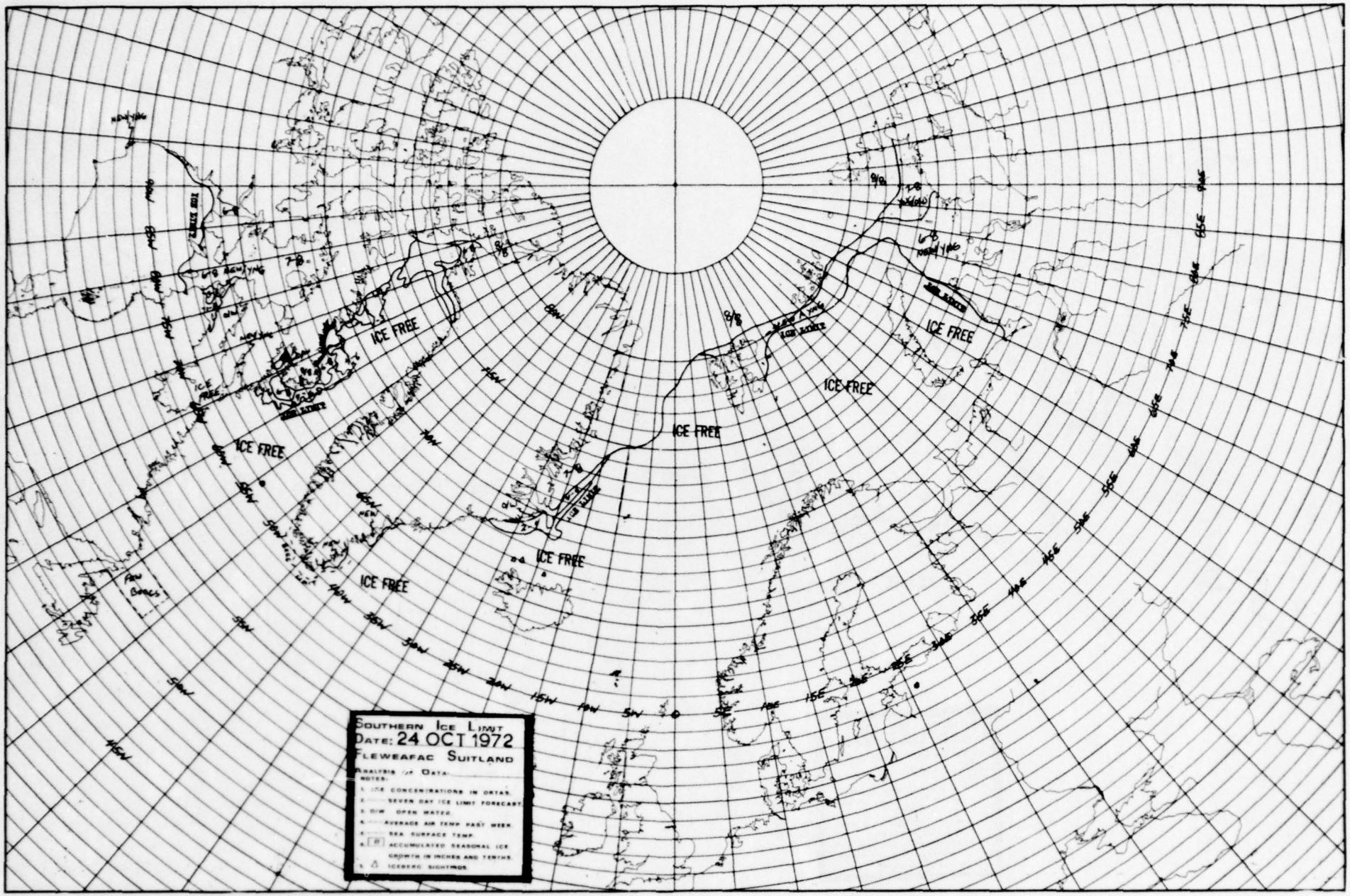

ICE FREE
ICE LIMIT
REMNANT ICE
ICE FREE
ICE LIMIT
ICE FREE
ICE LIMIT
ICE FREE
ICE LIMIT
ICE FREE
ICE LIMIT
ICE FREE
SOUTHERN ICE LIMIT
DATE: 19 SEPT 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

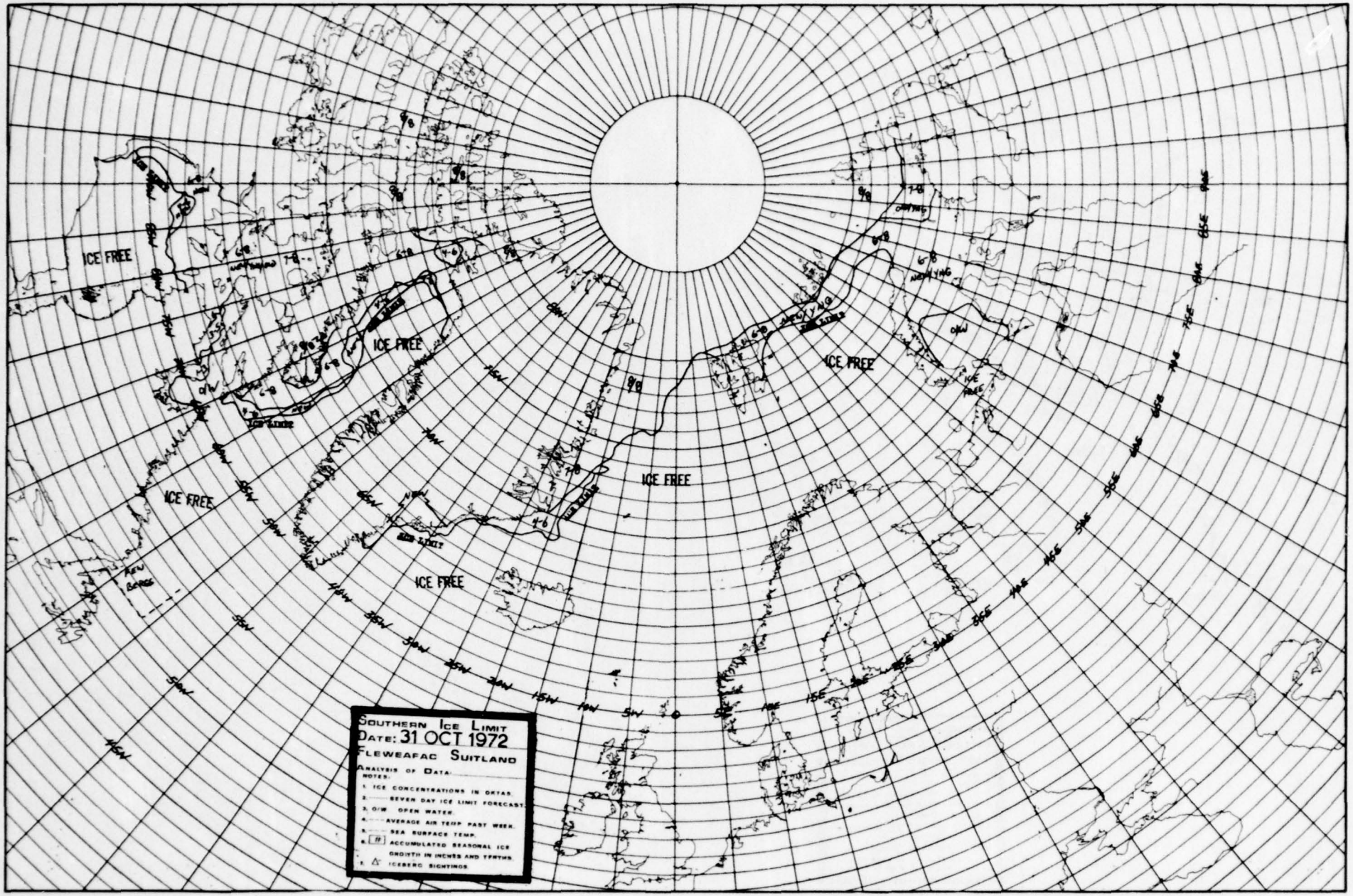

ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
4C
7-8
SOUTHERN ICE LIMIT
DATE: 26 SEPT 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP. PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS

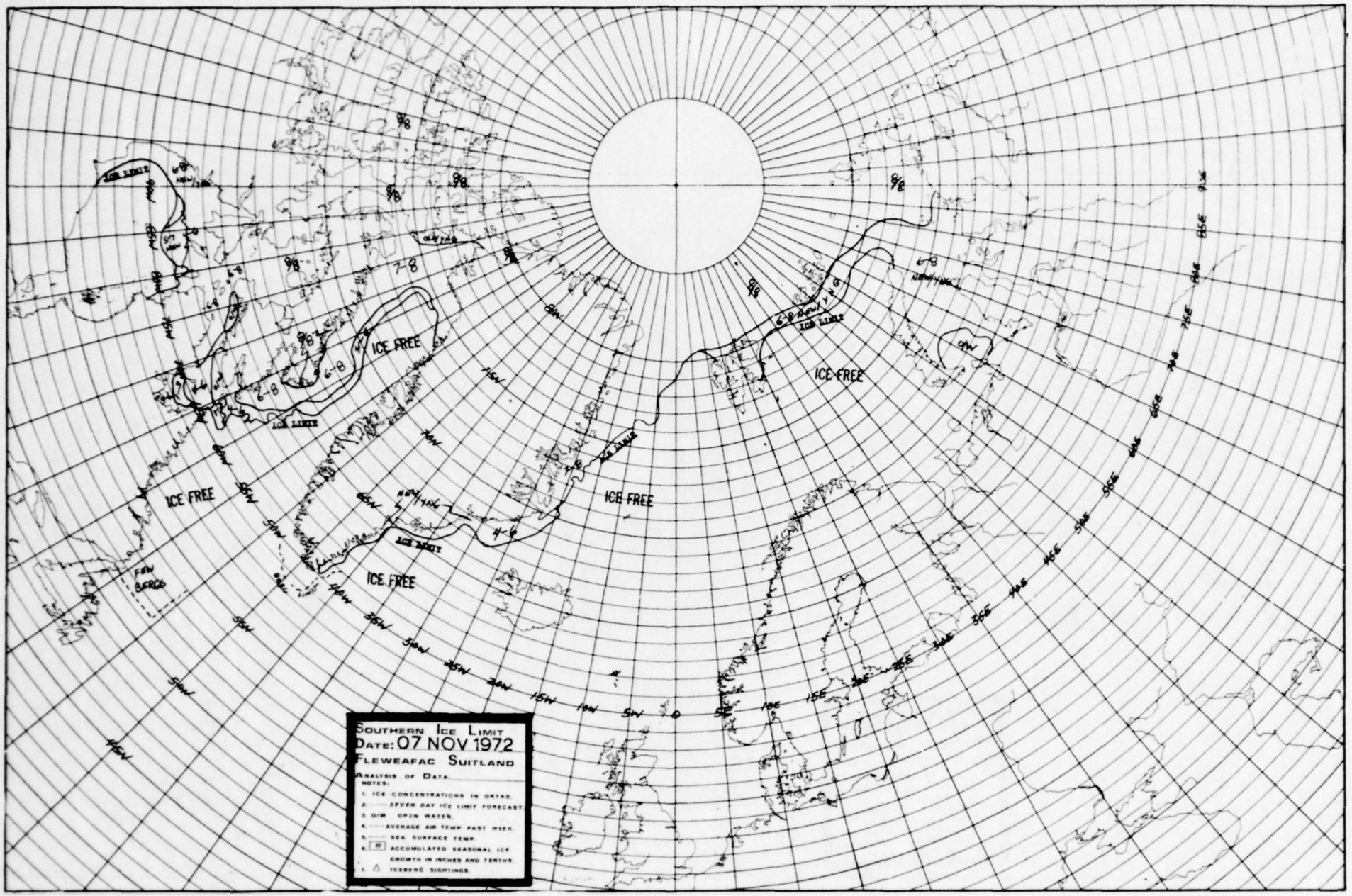

ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
7-8
7-B
4C
SOUTHERN ICE LIMIT
DATE: 03 OCT 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS

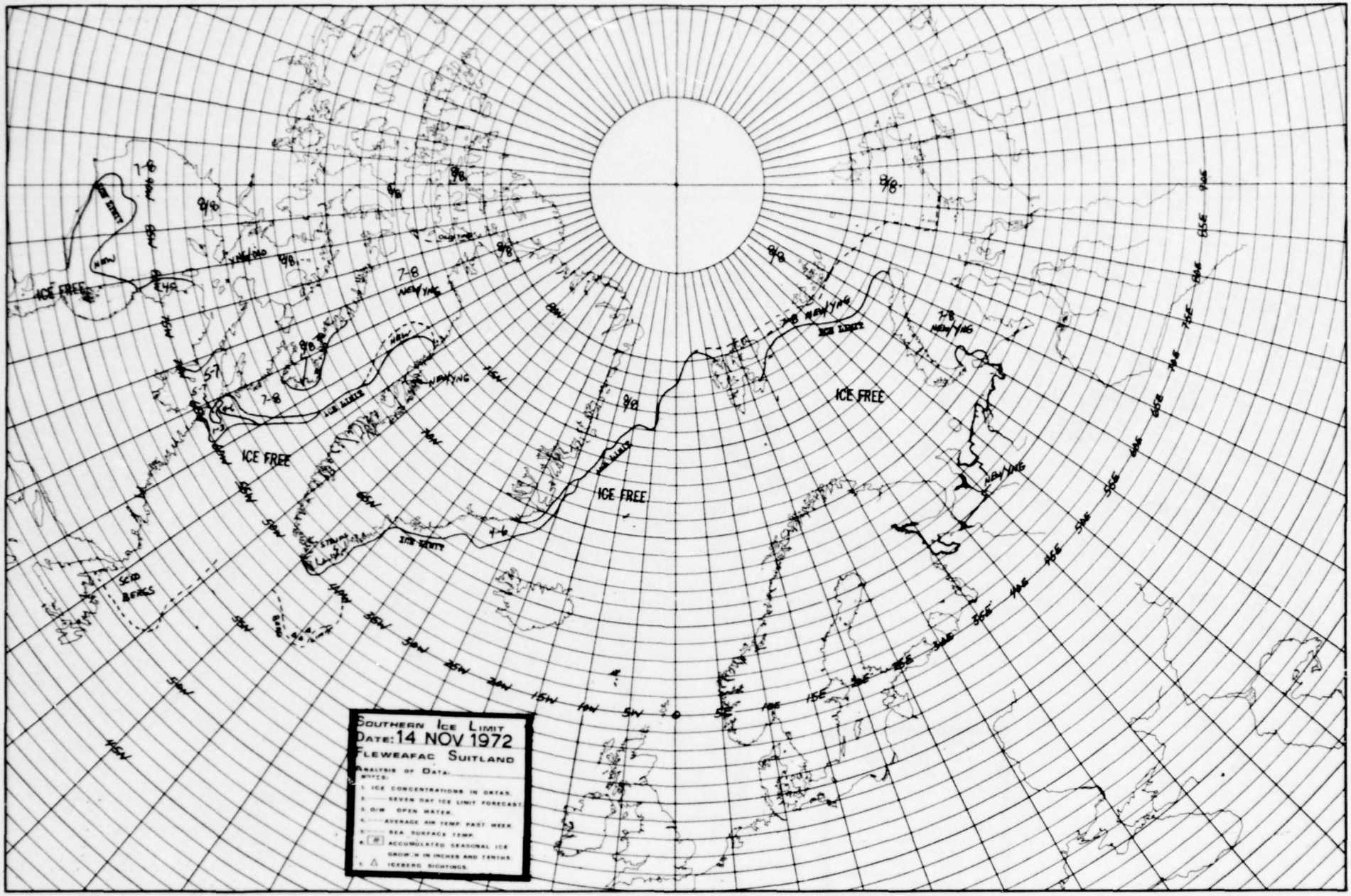

ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE EDGE
ICE EDGE
ICE EDGE
ICE EDGE
ICE EDGE
O/W
7-8
SOUTHERN ICE LIMIT
DATE: 10 OCT 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. (#) ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS

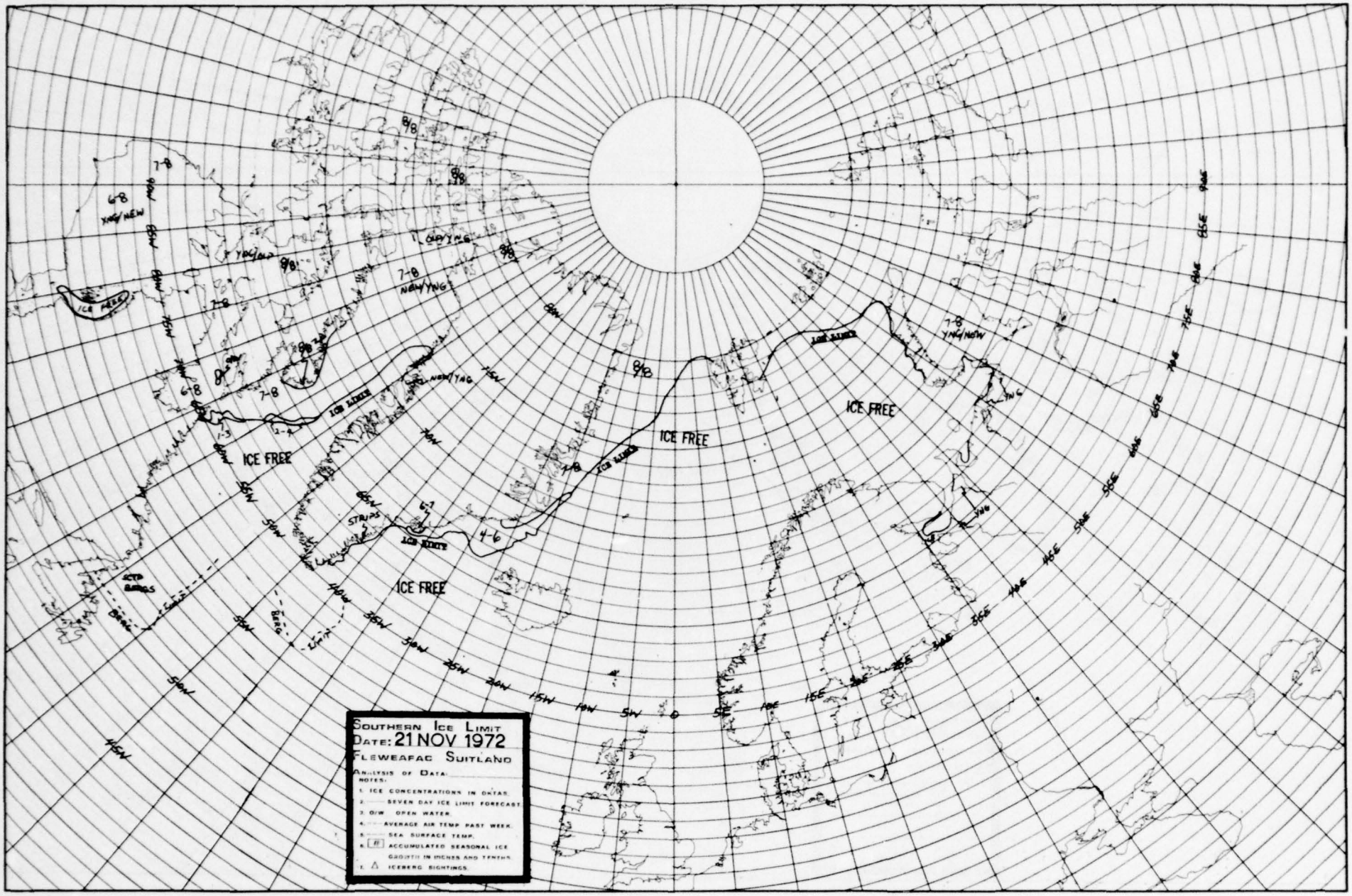

ICE FREE
ICE FREE
ICE FREE

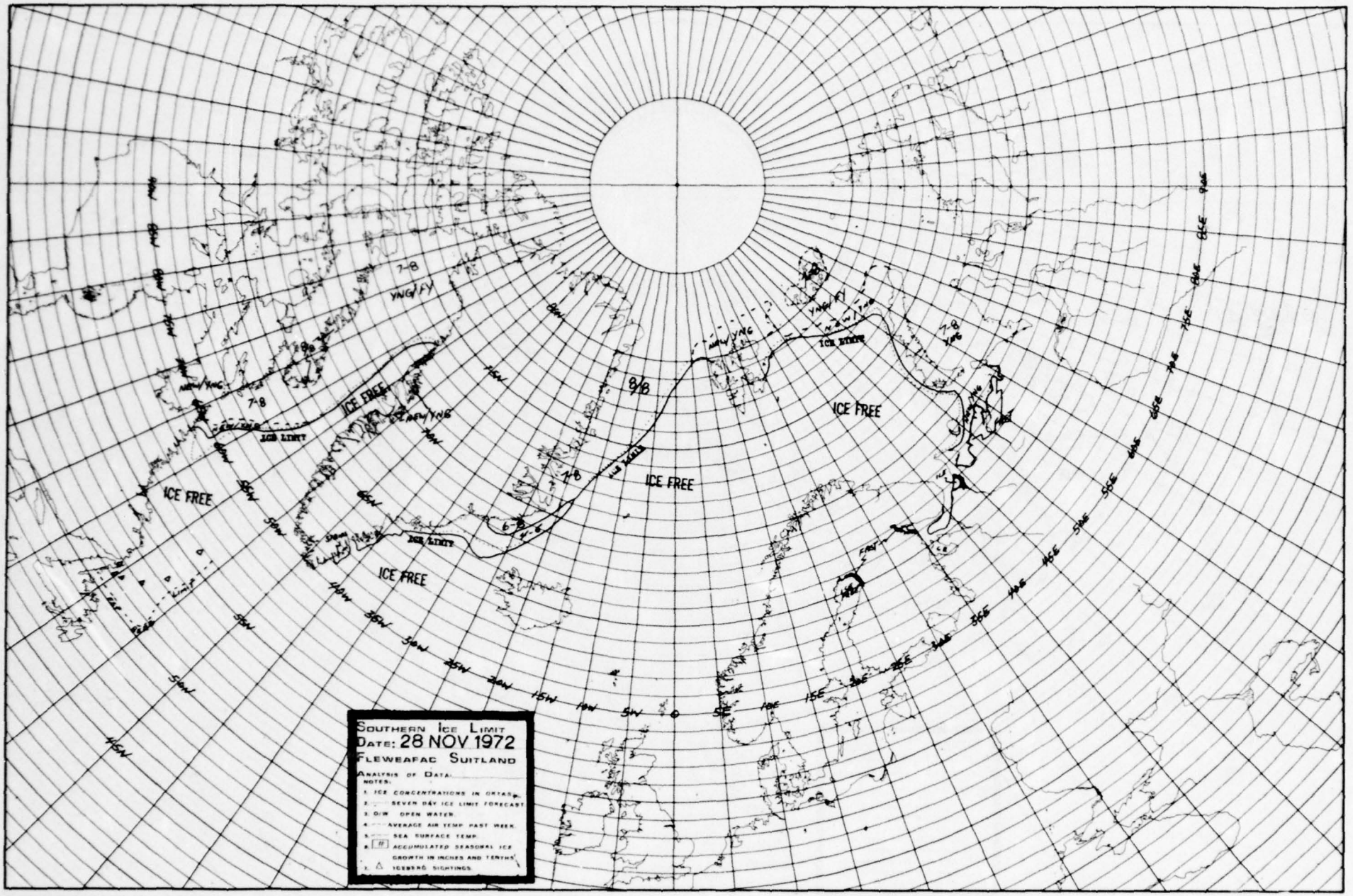

SOUTHERN ICE LIMIT
DATE: 24 OCT 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE

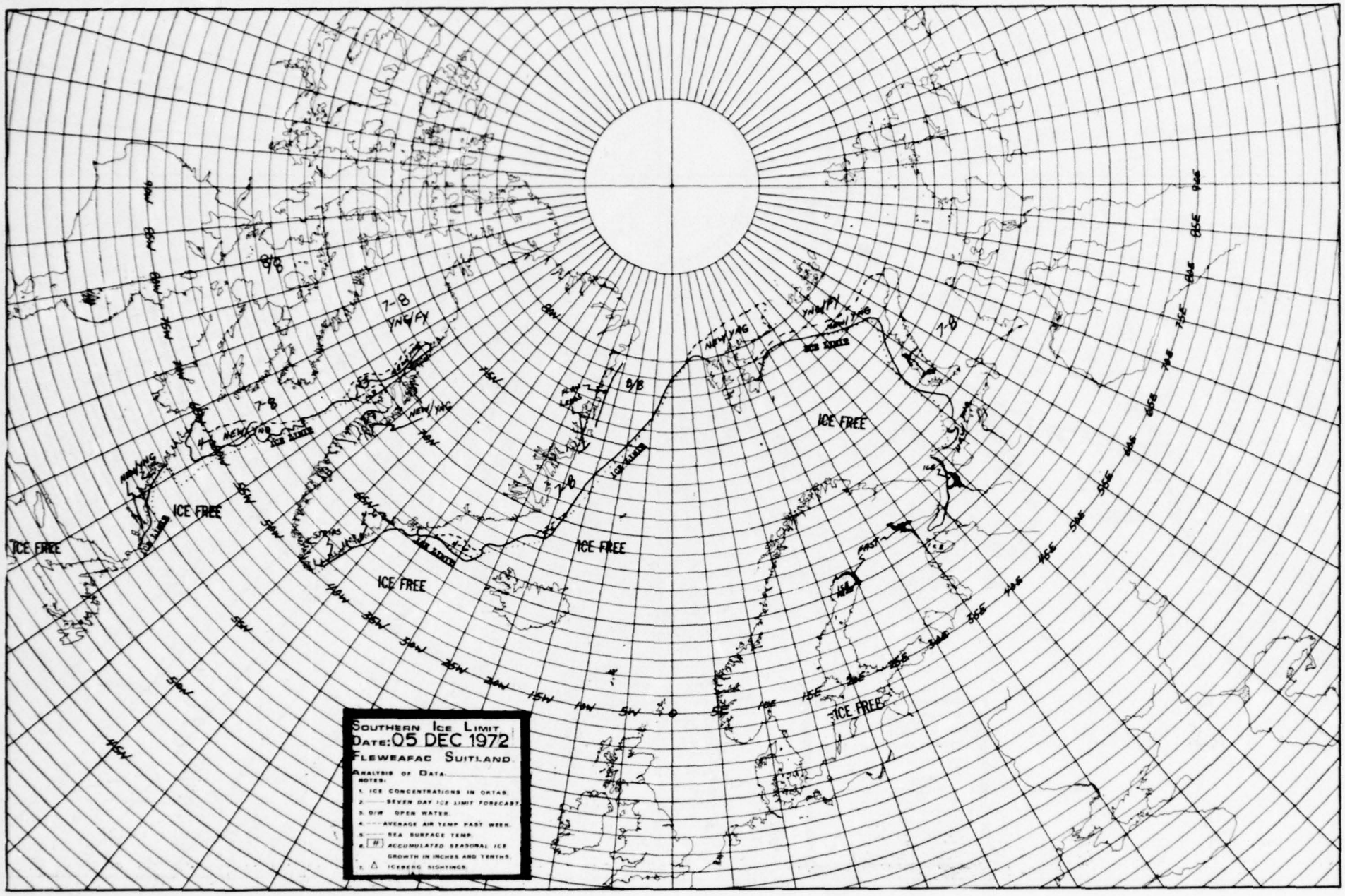

ICE FREE
ICE FREE
ICE FREE

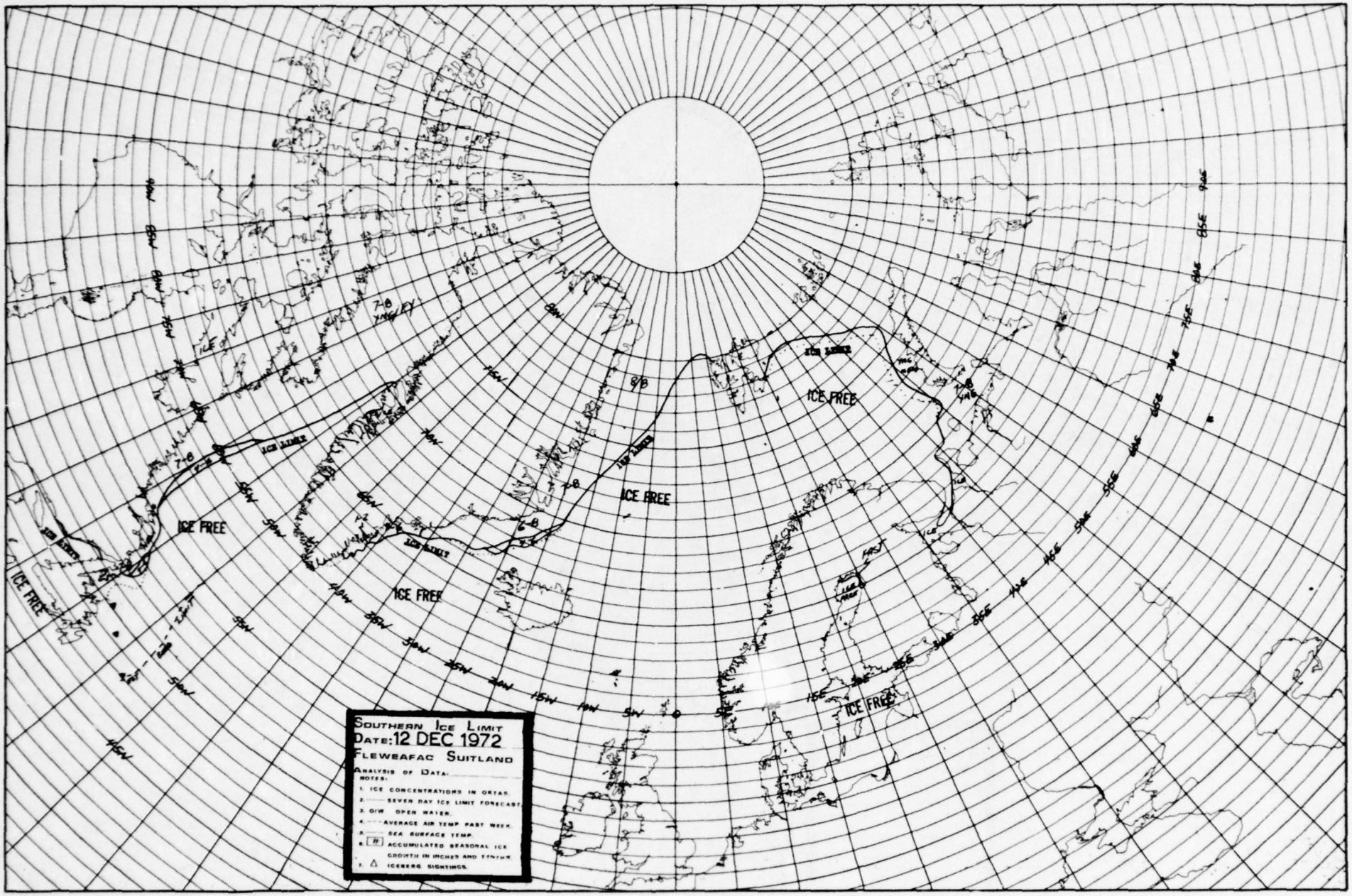

SOUTHERN ICE LIMIT
DATE: 07 NOV 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAW BERGS
O/W
7-8
6-8
4-6
8/8

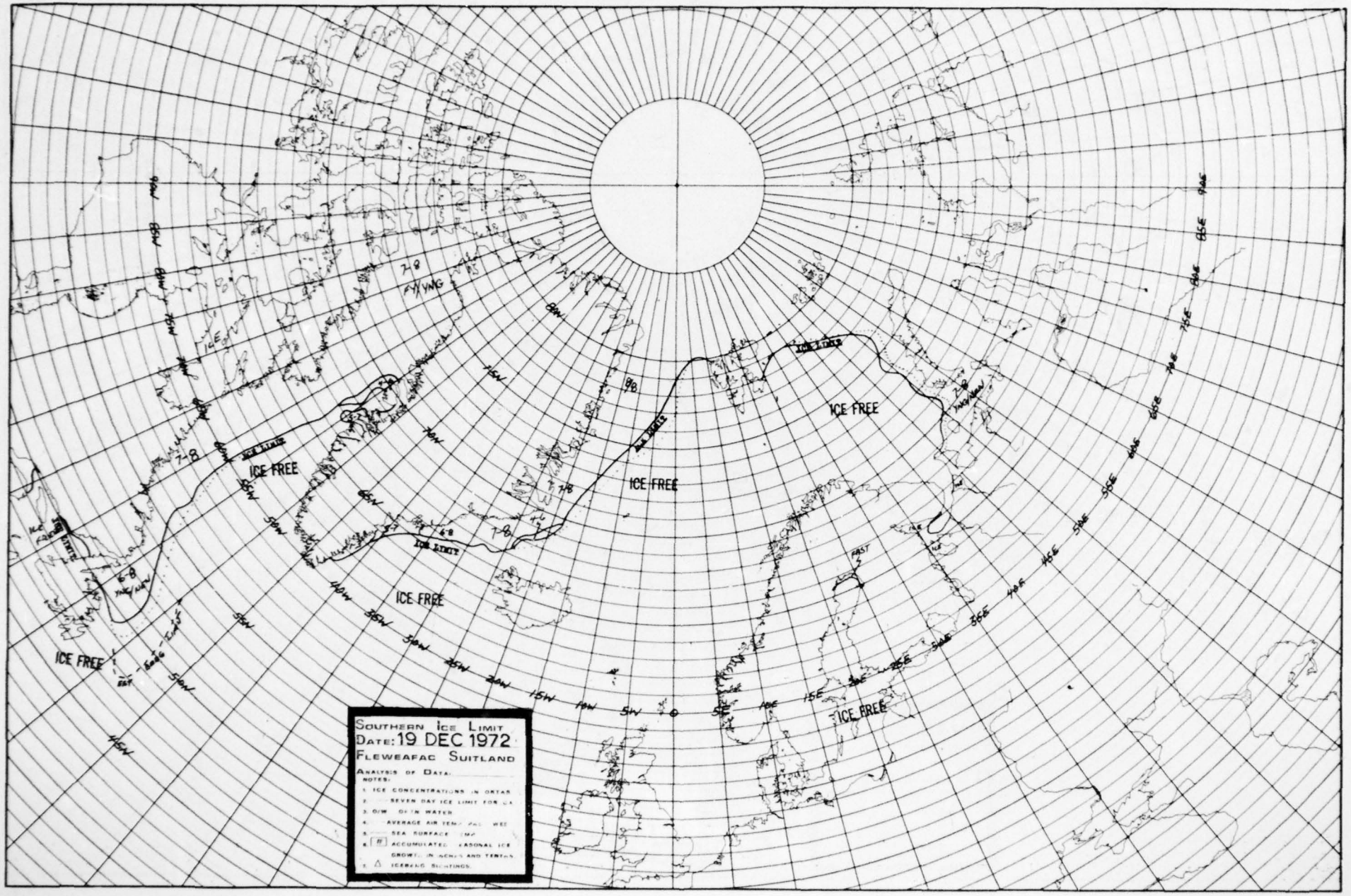

SOUTHERN ICE LIMIT
DATE: 14 NOV 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ····· AVERAGE AIR TEMP. PAST WEEK.
5. ····· SEA SURFACE TEMP.
6. ▭ ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
NEW/YNG
NEW/YNG
NEW/YNG
NEW/YNG
NEW/YNG
NEW/YNG
7-8
7-8
7-8
7-8
7-8
7-8
8/8
8/8
8/8
8/8
8/8
8/8
5-7
7-6
SCOD BERGS
STRUT
ICE BERGS
ICE BERGS
ICE BERGS

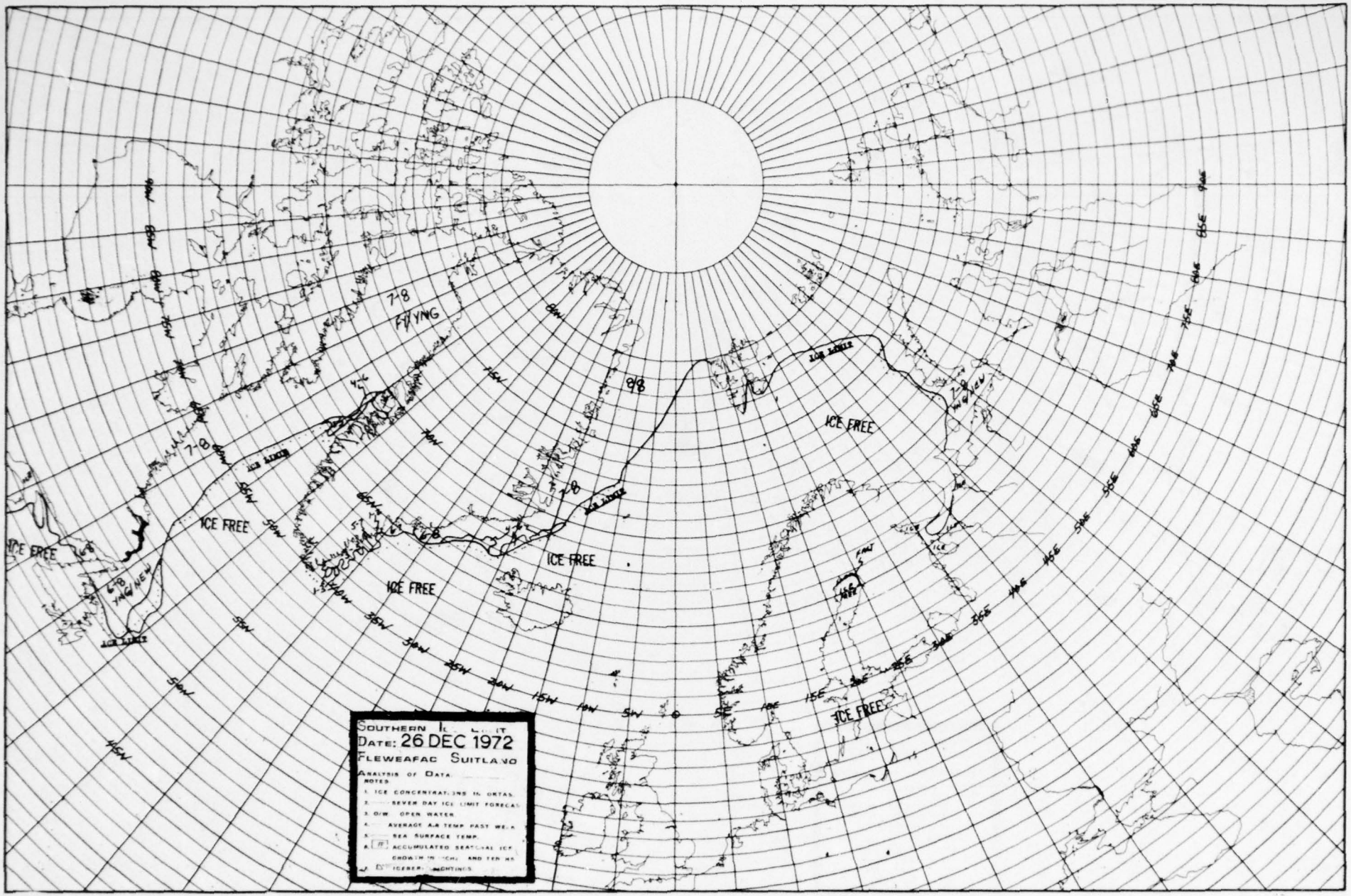

SOUTHERN ICE LIMIT
DATE: 21 NOV 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE EDGE
ICE EDGE
ICE EDGE
ICE EDGE
ICE EDGE
ICE EDGE
8/8
8/8
8/8
8/8
8/8
8/8
7-8
7-8
7-8
7-8
7-8
7-8
6-8
6-8
6-8
YNG/NEW
YNG/OLD
OLD/YNG
NEW/YNG
NEW/YNG
YNG/NEW
YNG
YNG
YNG
1-3
2-4
1-8
4-6
6-7
STRIPS
ICTP BERGS
BERG
LIMIT
BERG
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

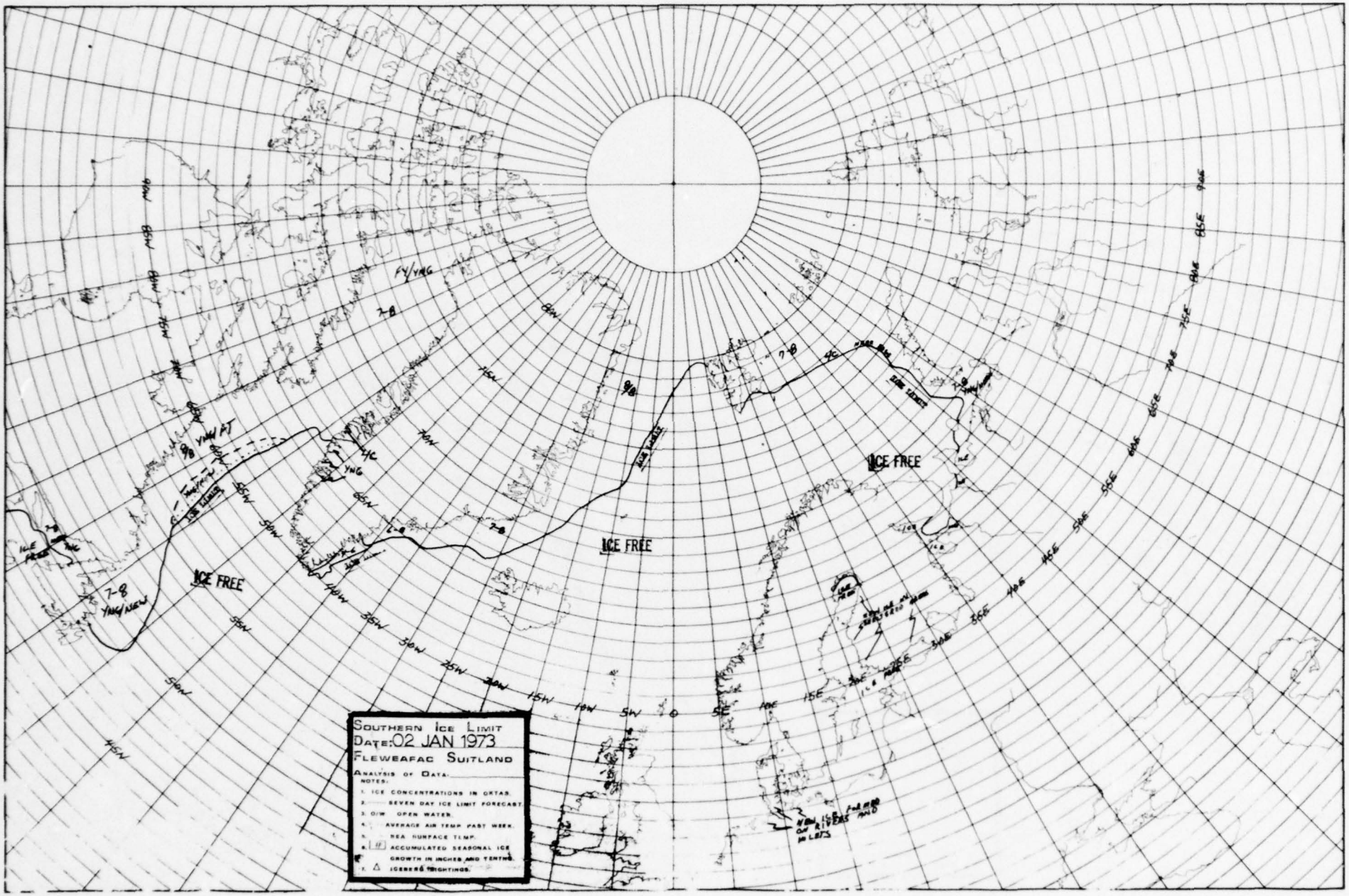

SOUTHERN ICE LIMIT
DATE: 28 NOV 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
8/8
7-8
YNG/FY
NEW/YNG
1-8
6-8
4-6
0-1
0/W
15W
10W
5W
0
5E
10E
15E
25E
35E
45E
55E
65E
75E
85E
95E

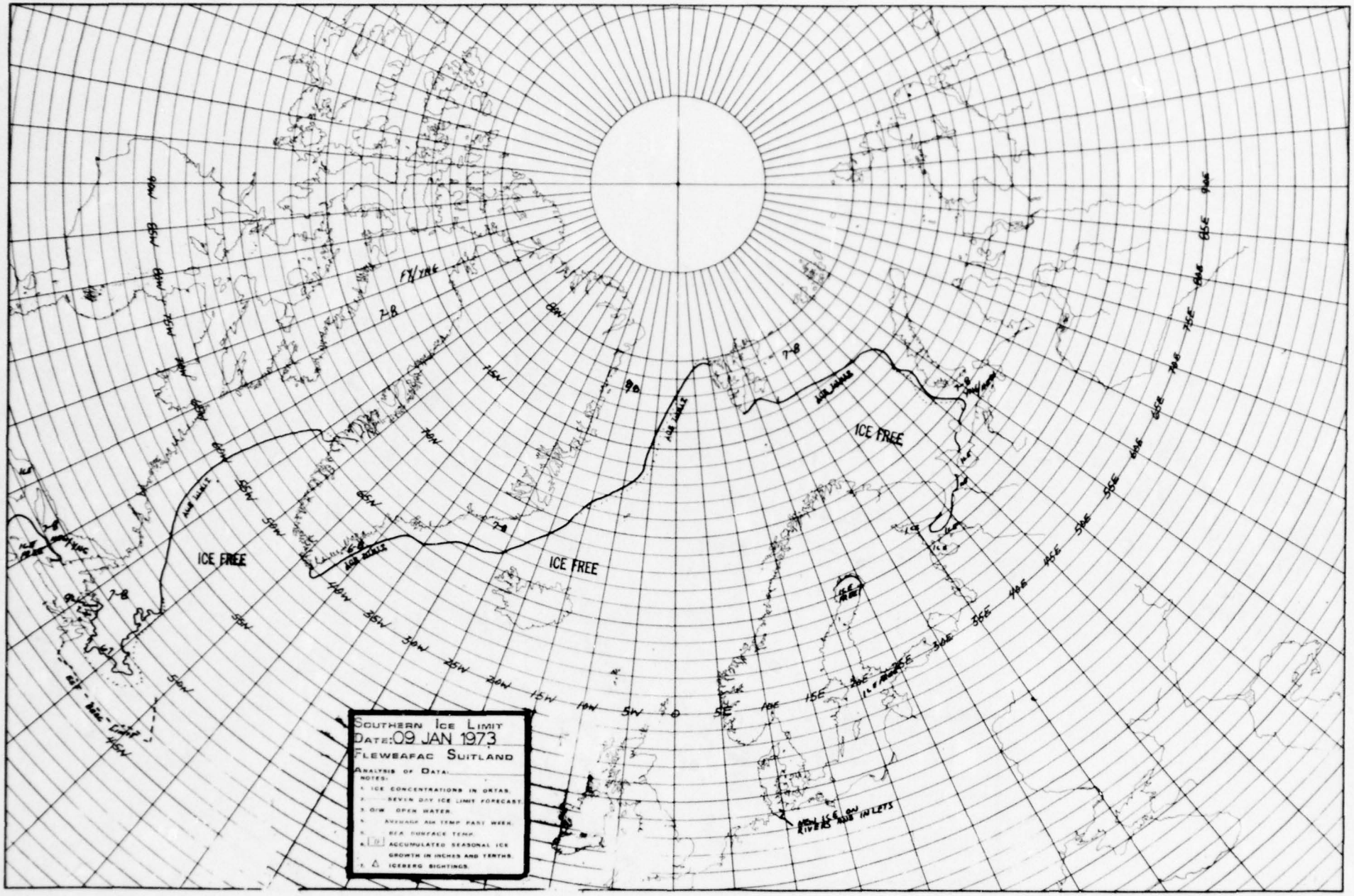

SOUTHERN ICE LIMIT
DATE: 05 DEC 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. ▯ ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
7-8
YNG/FY
8/8
7-8
NEW/YNG
ICE EDGE
ICE EDGE
ICE EDGE

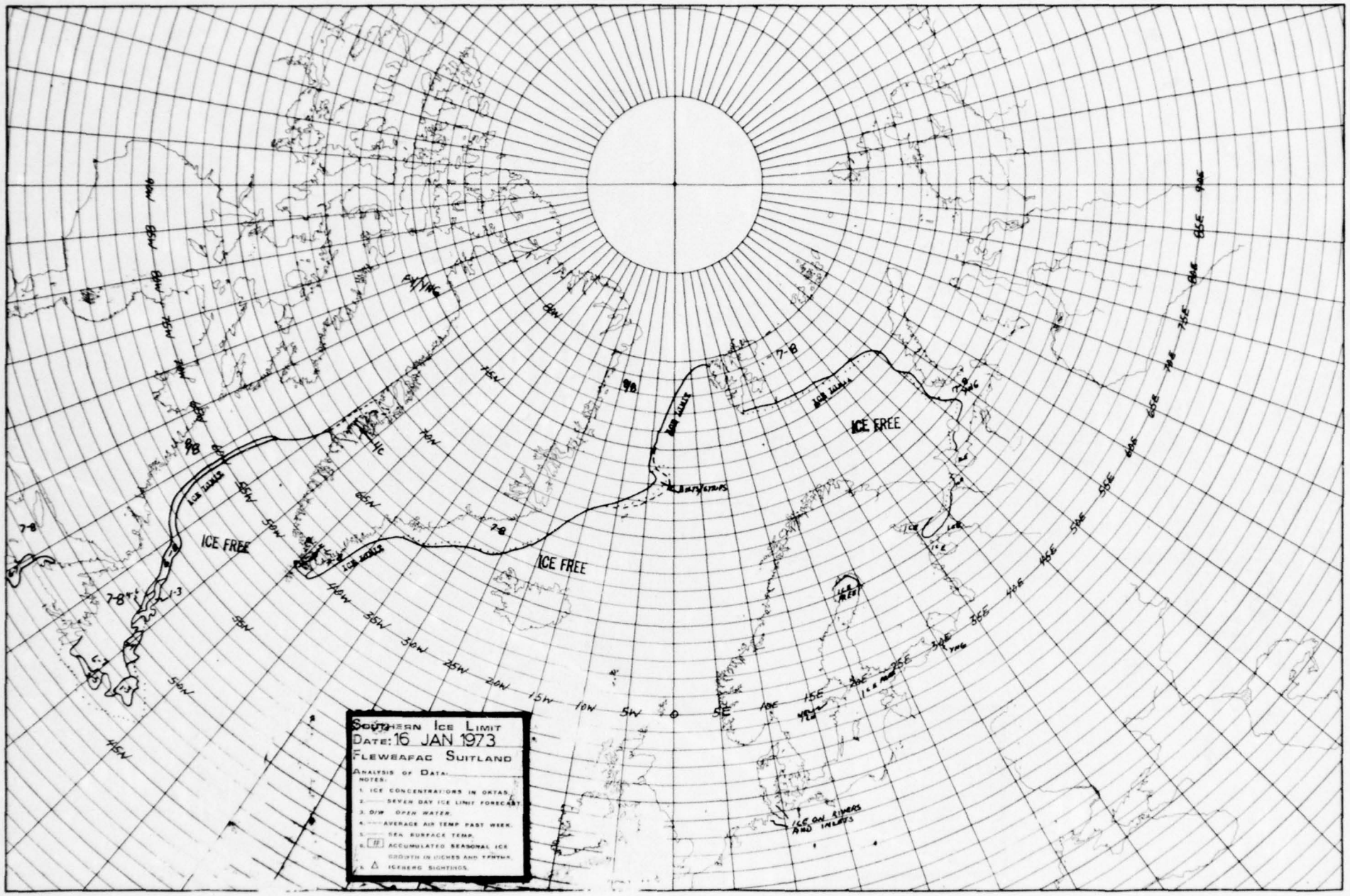

SOUTHERN ICE LIMIT
DATE: 12 DEC 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
7-8
8/8
FAST
ICE

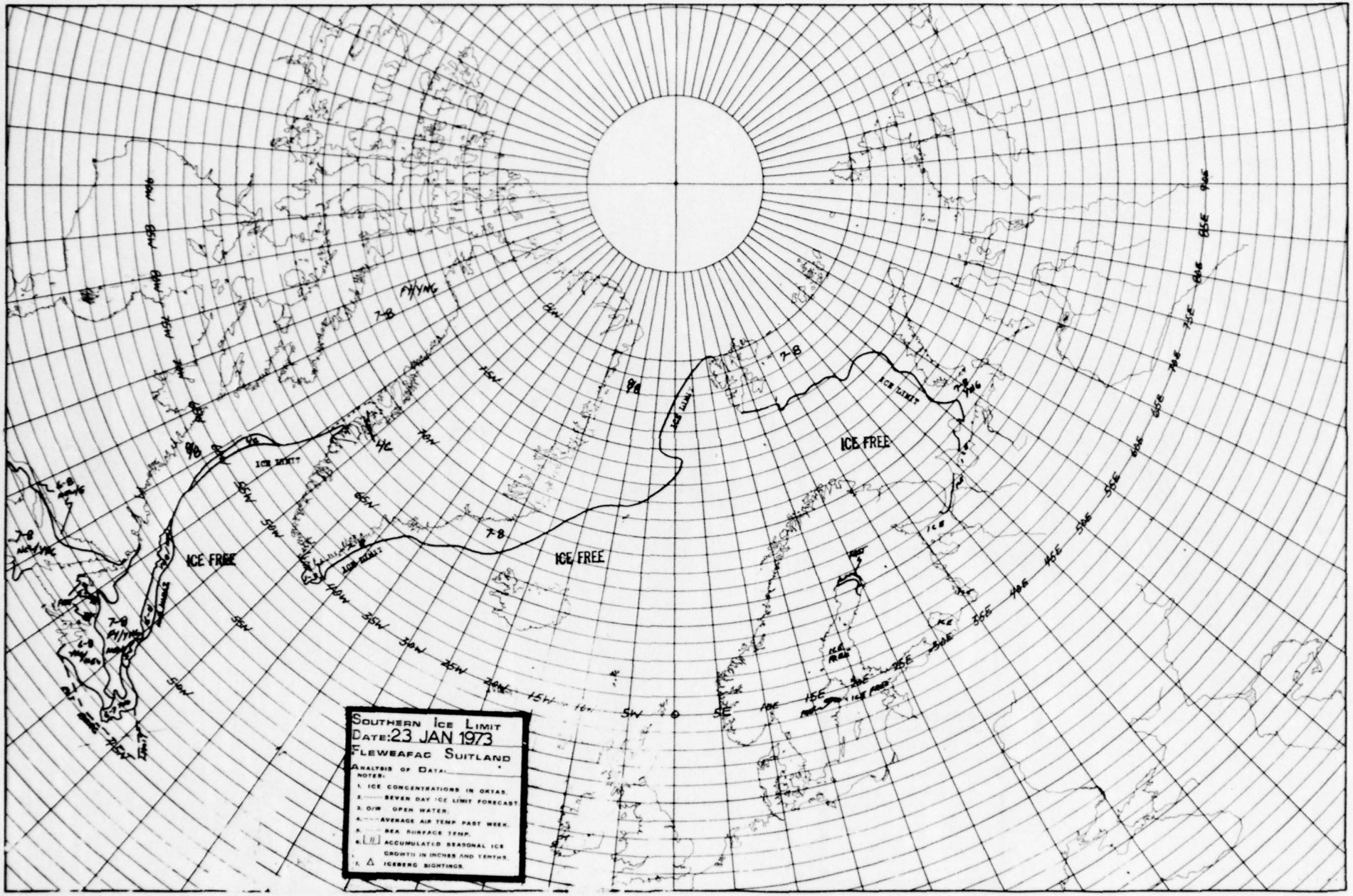

SOUTHERN ICE LIMIT
DATE: 19 DEC 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS
2. SEVEN DAY ICE LIMIT FOR U.K.
3. O/W OPEN WATER
4. AVERAGE AIR TEMP. FOR WEEK
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST
FYYVNG
7-8
6-8
8-8
1-E

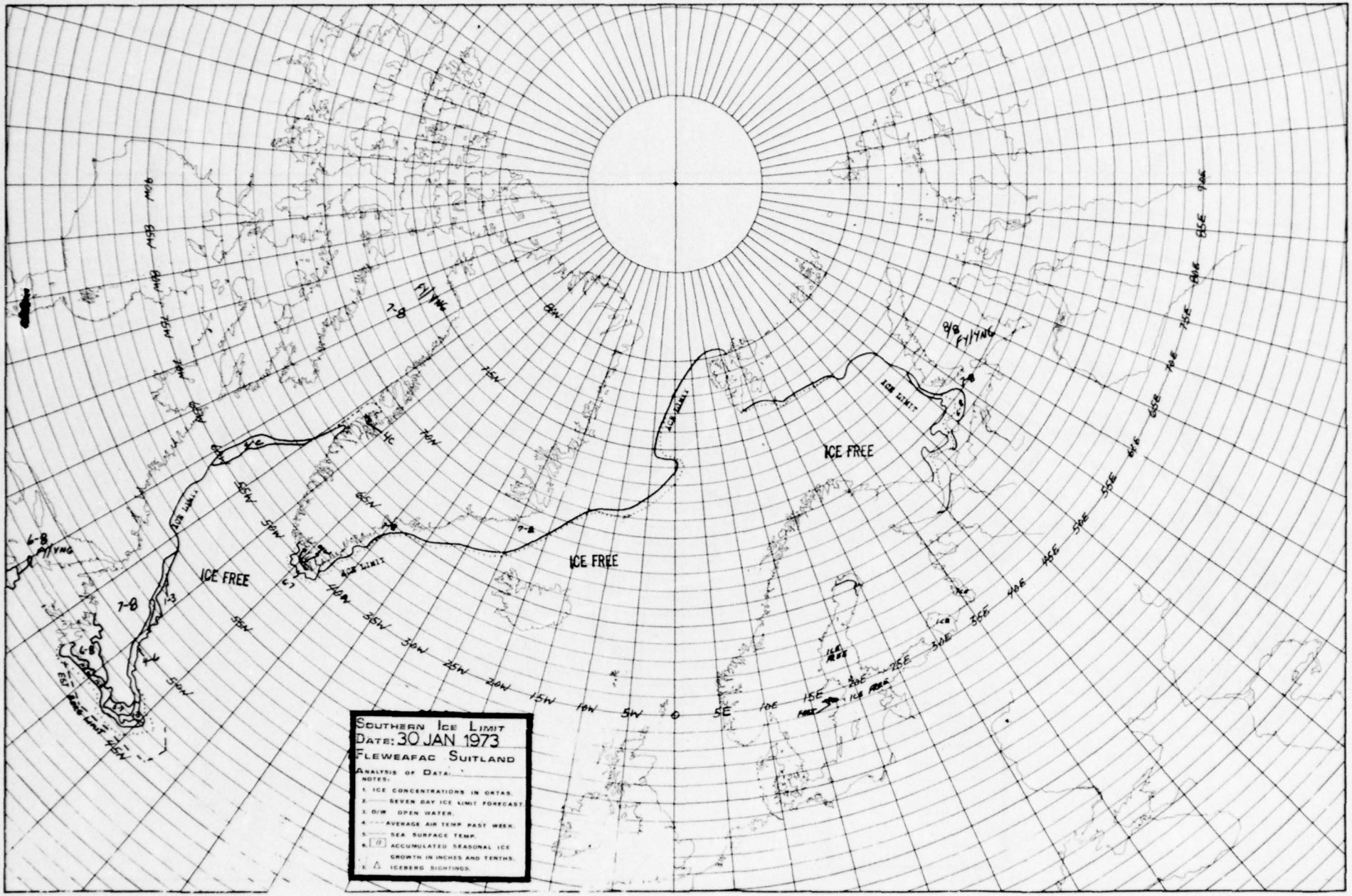

SOUTHERN ICE LIMIT
DATE: 26 DEC 1972
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES
1. ICE CONCENTRATIONS IN OKTAS
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TEN HR
7. ICEBERG SIGHTINGS
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
7-8 FLYING
7-8 YAGNEW
8/8
ICE LIMIT
ICE LIMIT
ICE LIMIT

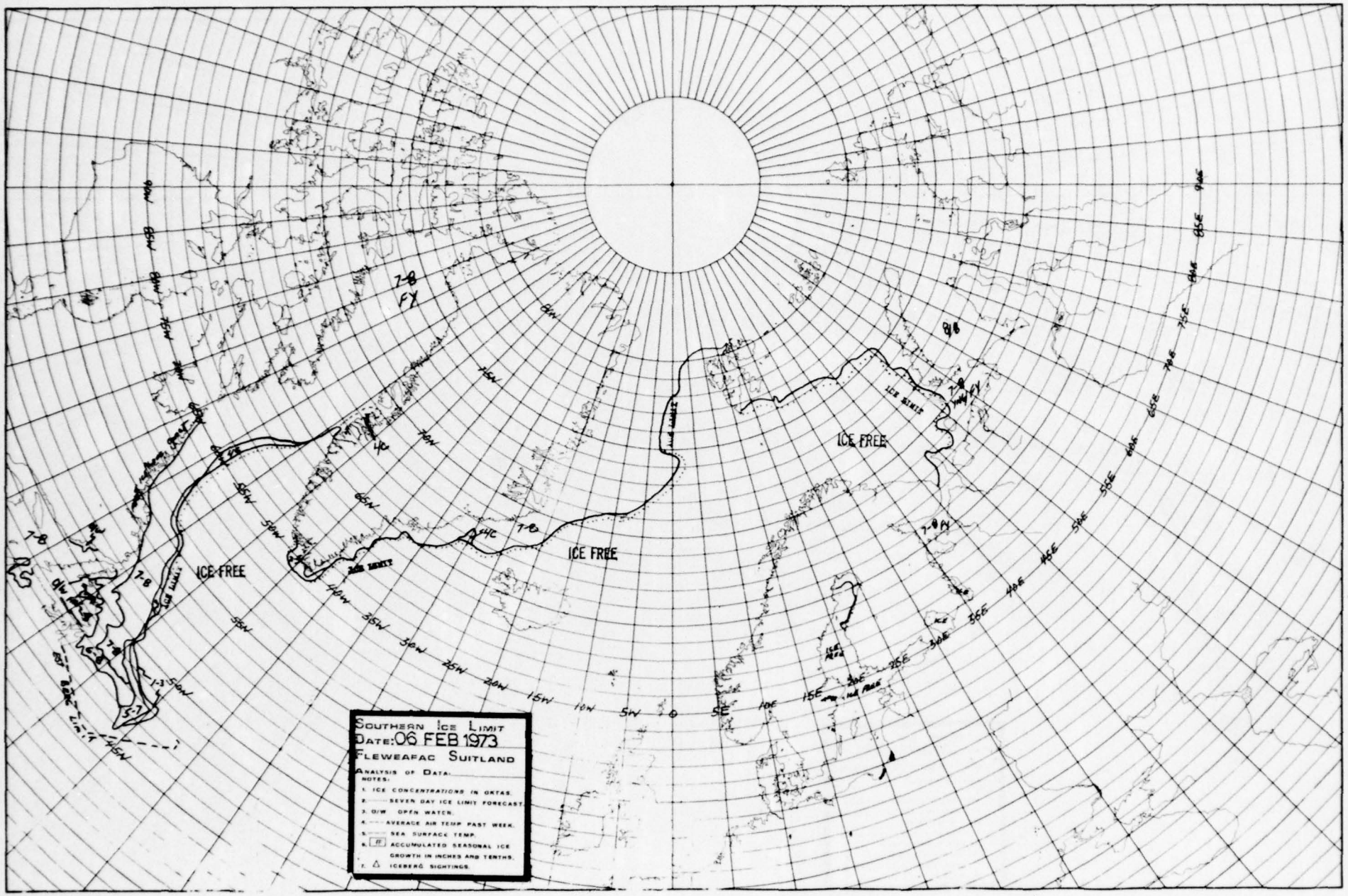

SOUTHERN ICE LIMIT
DATE: 02 JAN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA.
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
7-8
YMG/NEW
7-8
YMG/FT
7-8
FY/YMG
7-8
YMG
7-8
YMG
7-8

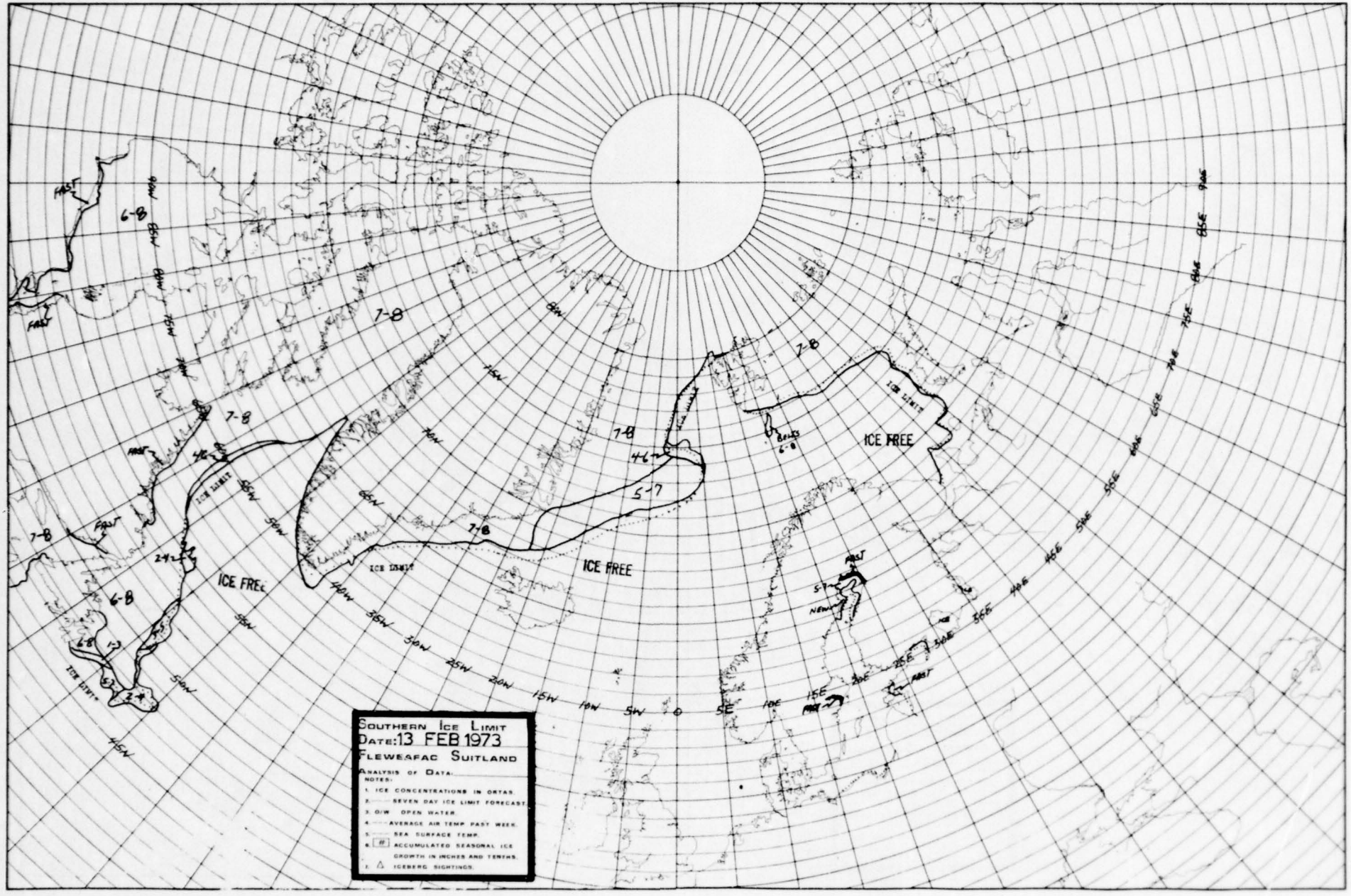

SOUTHERN ICE LIMIT
DATE: 09 JAN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE

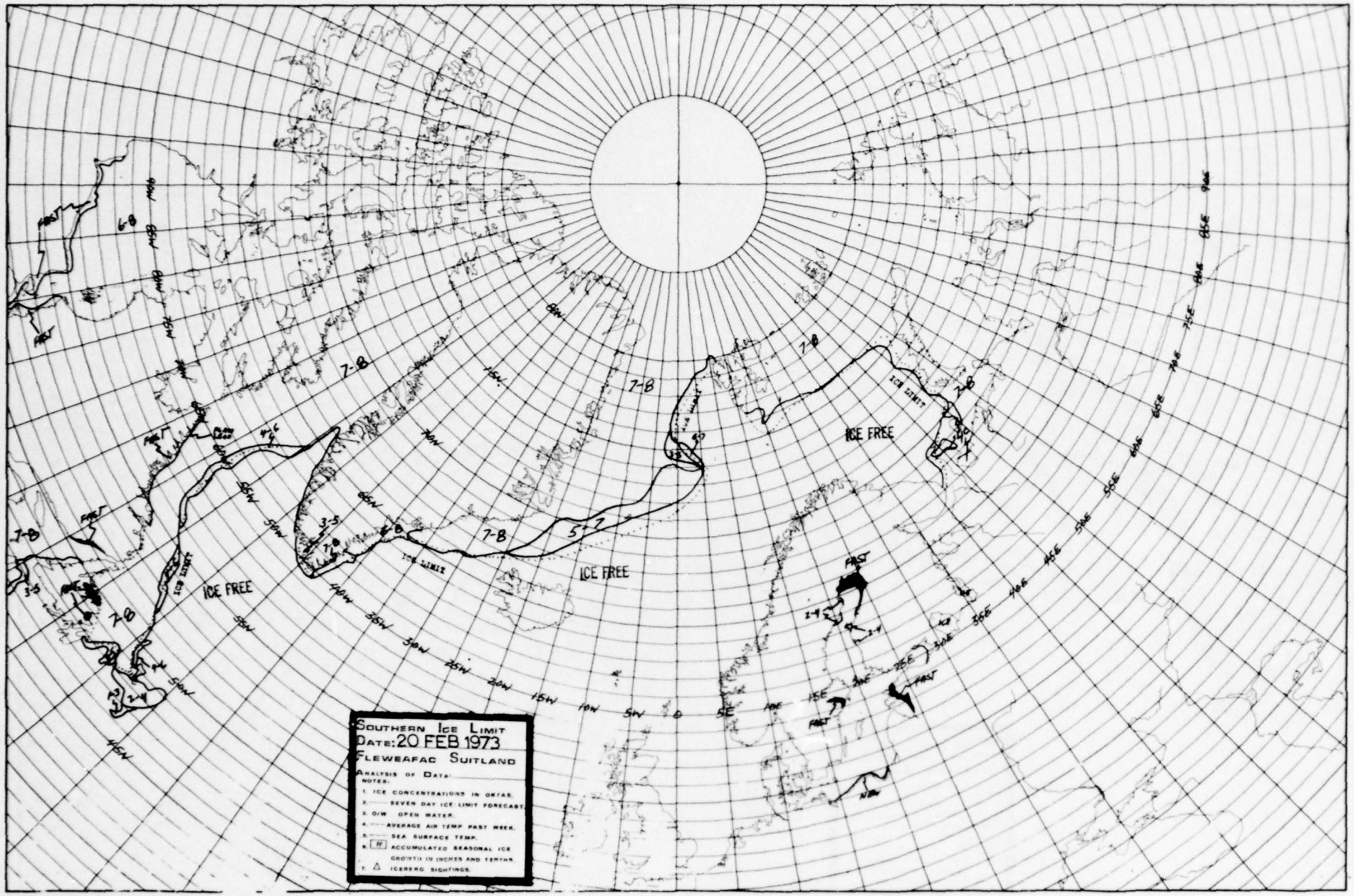

SOUTHERN ICE LIMIT
DATE: 16 JAN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE ON RIVERS AND INLETS
7-8
1-3
1-7
1-C
9B

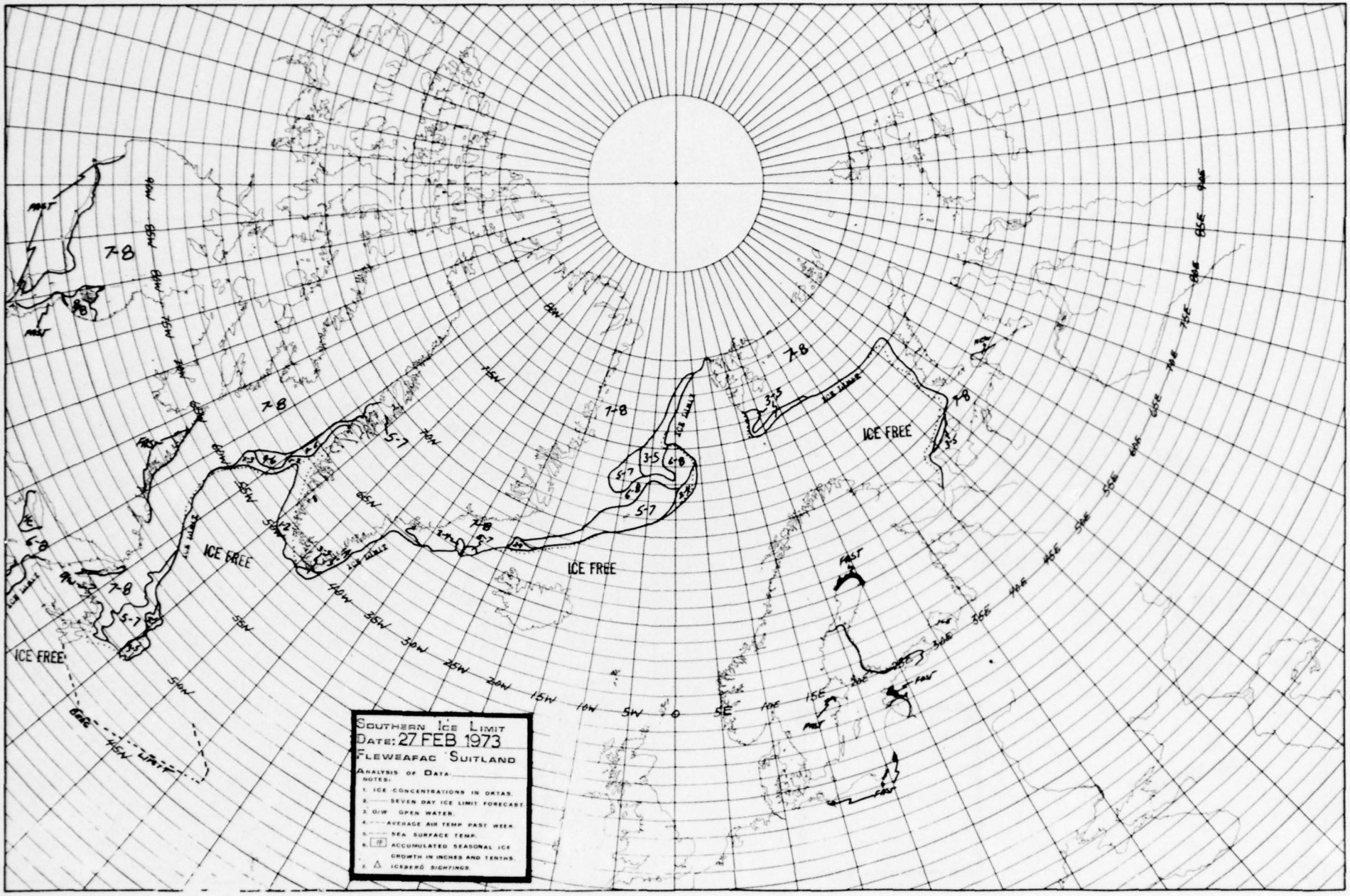

SOUTHERN ICE LIMIT
DATE: 23 JAN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. ----- AVERAGE AIR TEMP PAST WEEK.
5. ------ SEA SURFACE TEMP.
6. [illegible] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
FLYING
ICE
ICE FRZ
0W
7-8
1-8
0

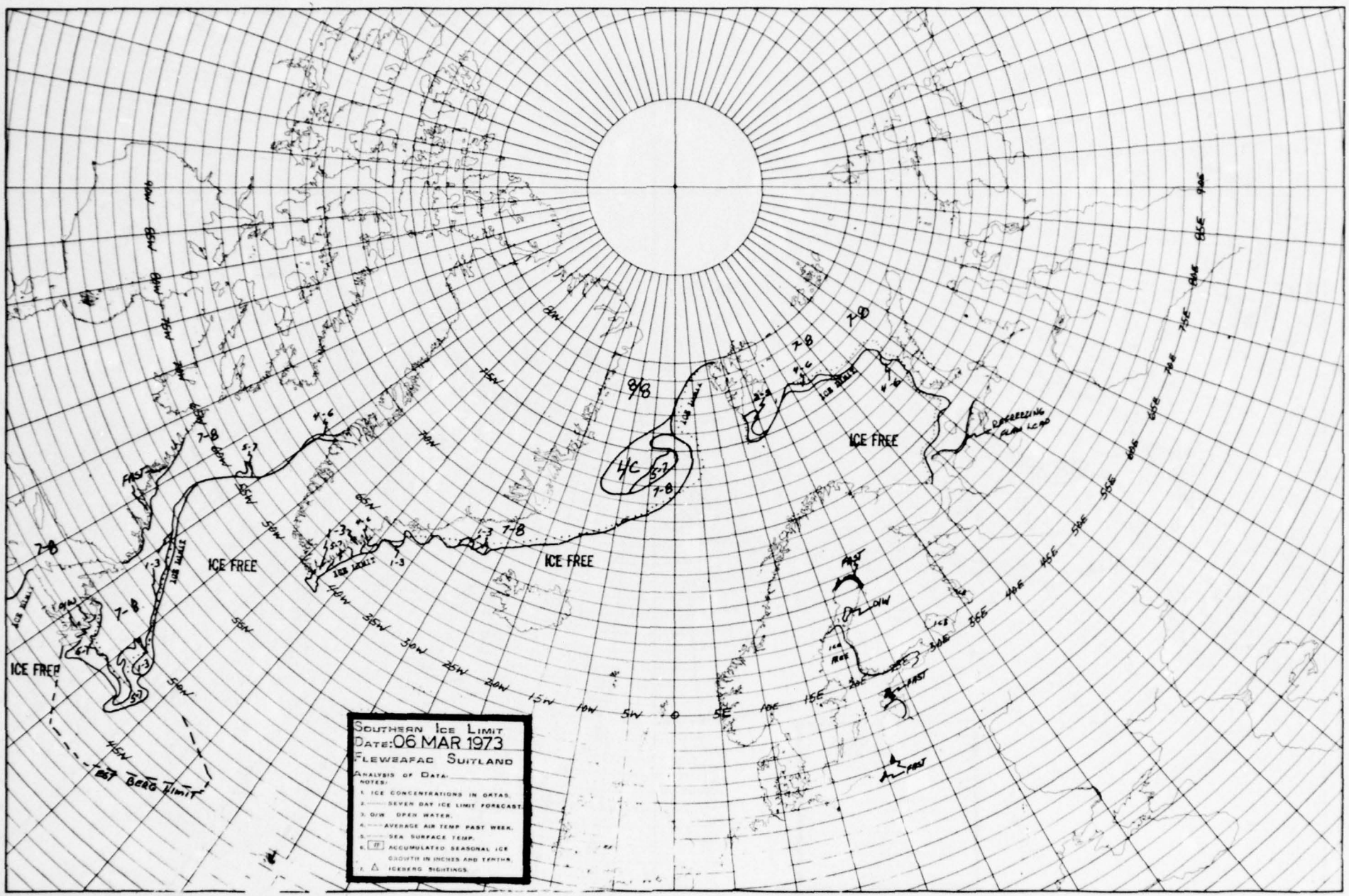

SOUTHERN ICE LIMIT
DATE: 30 JAN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE FREE
ICE FREE
ICE FREE

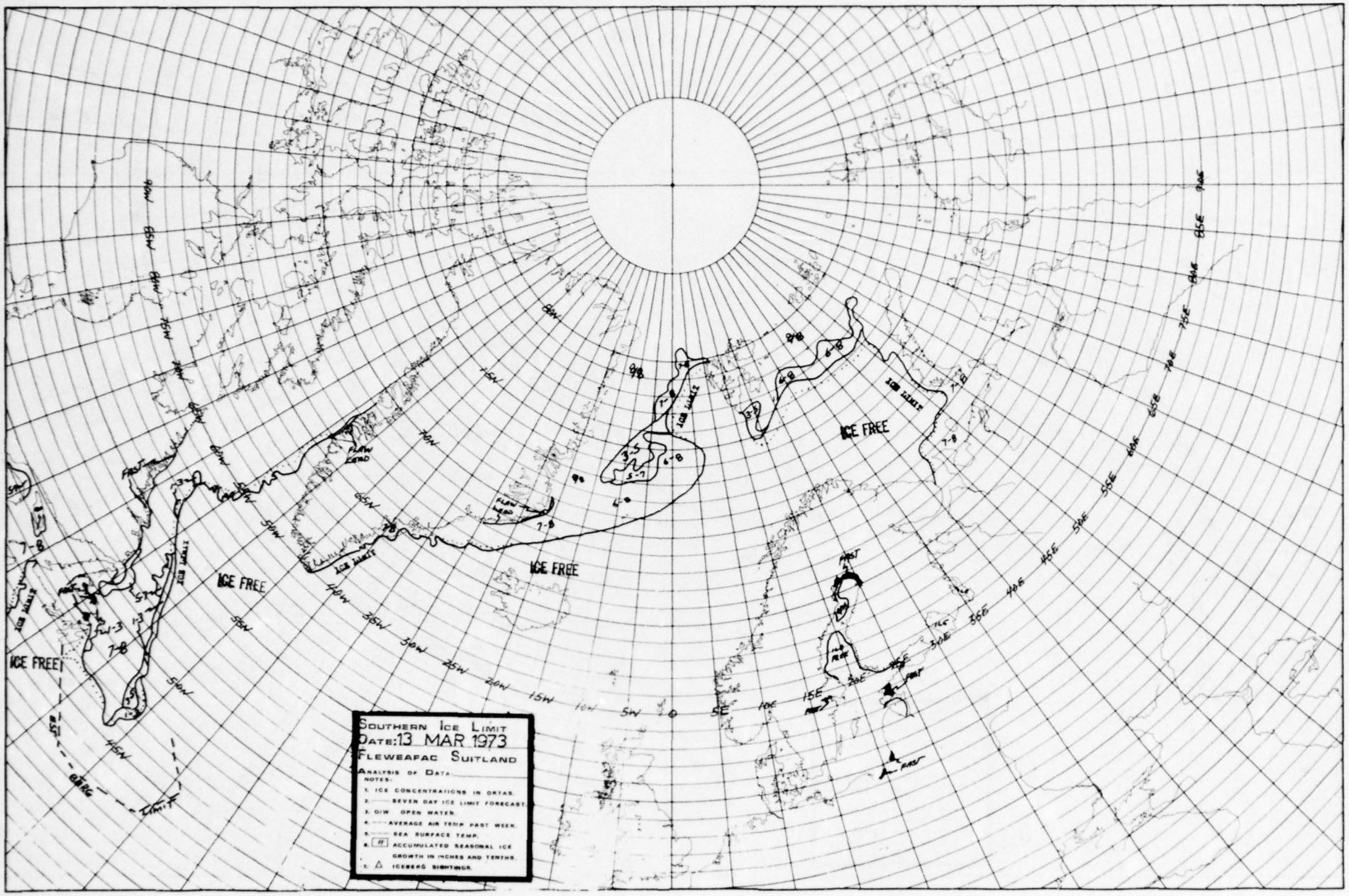

SOUTHERN ICE LIMIT
DATE: 06 FEB 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
7-8 FY
7-8
1-3
5-7
ICE LIMIT
ICE EDGE
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

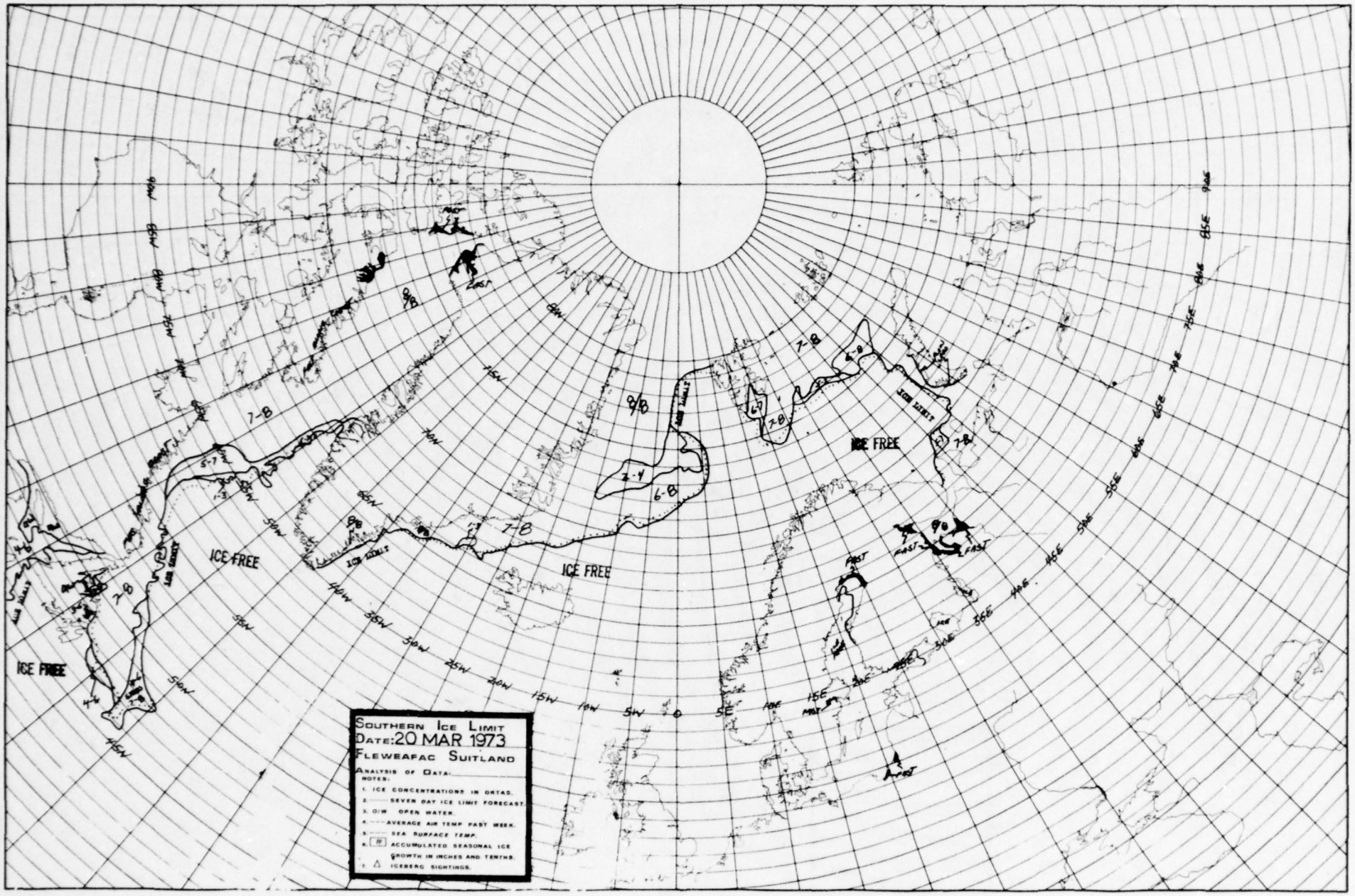

SOUTHERN ICE LIMIT
DATE: 13 FEB 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN ORTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ----- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
FAST
7-8
6-8
5-7
2-4
1-3
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

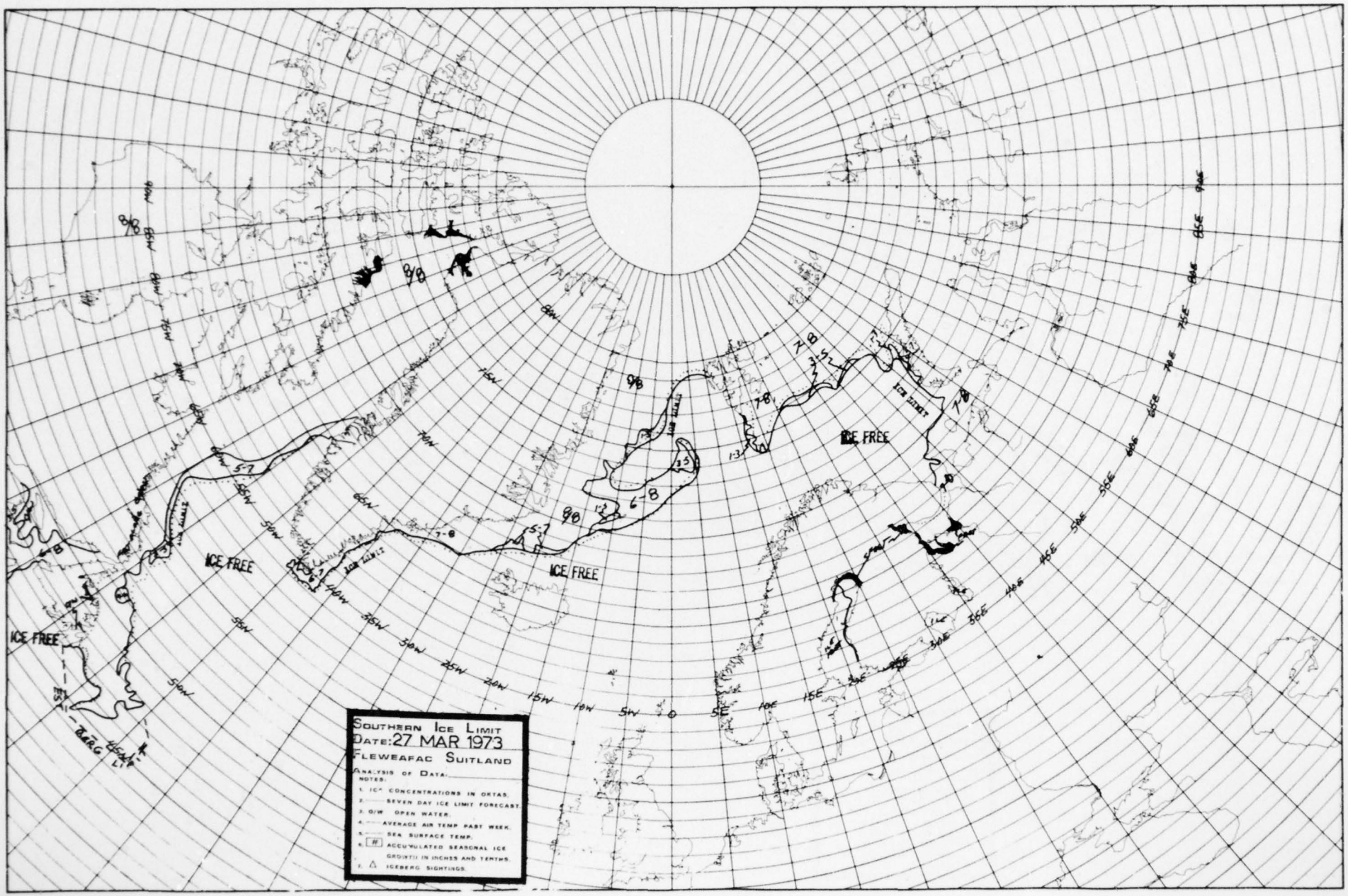

SOUTHERN ICE LIMIT
DATE: 20 FEB 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST
7-8
5-7
3-5
2-4
NEW

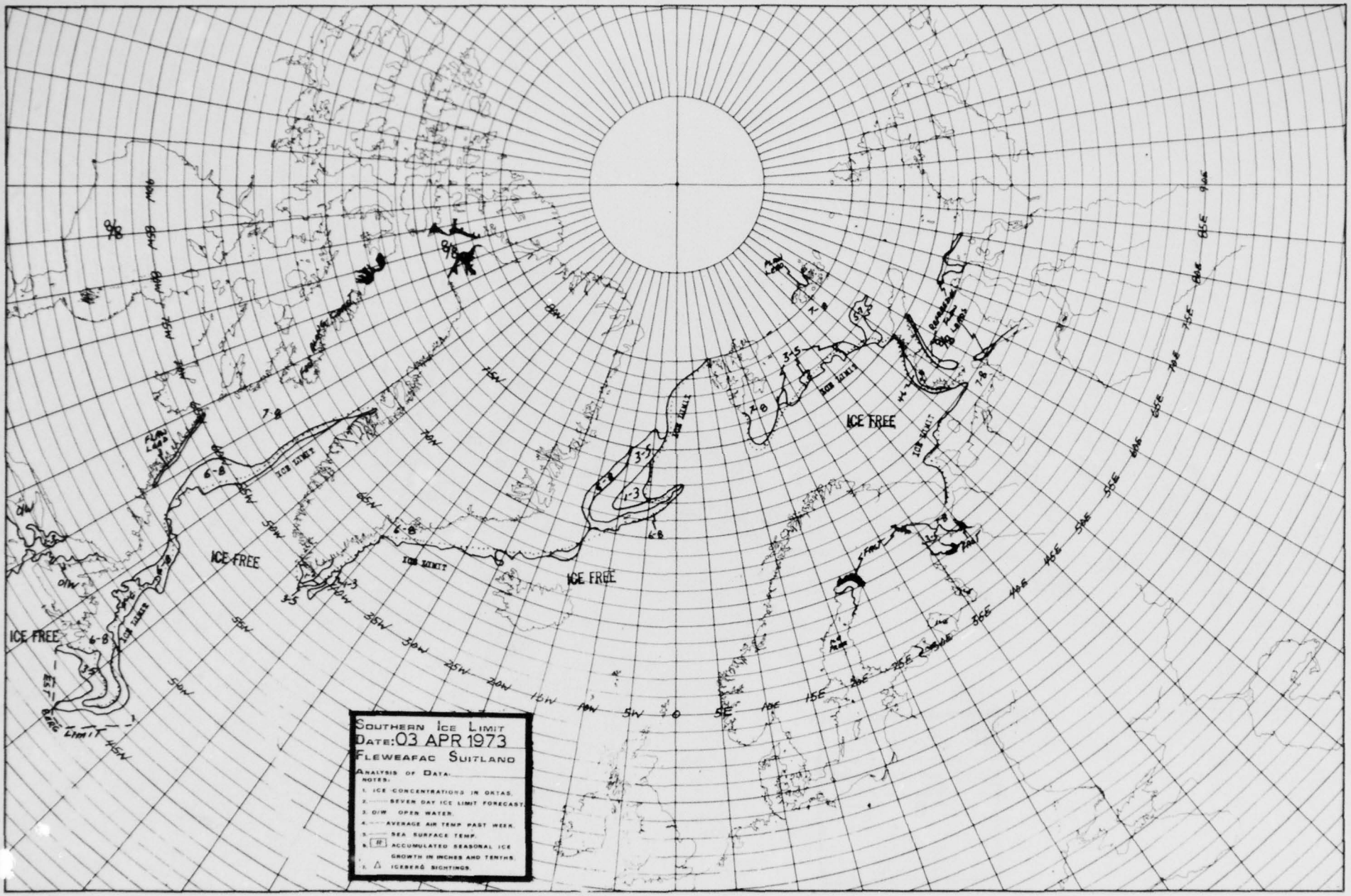

SOUTHERN ICE LIMIT
DATE: 27 FEB 1973
FLEWEAPAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE EDGE
ICE LIMIT
FAST
7-8
5-7
3-5
0/W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W

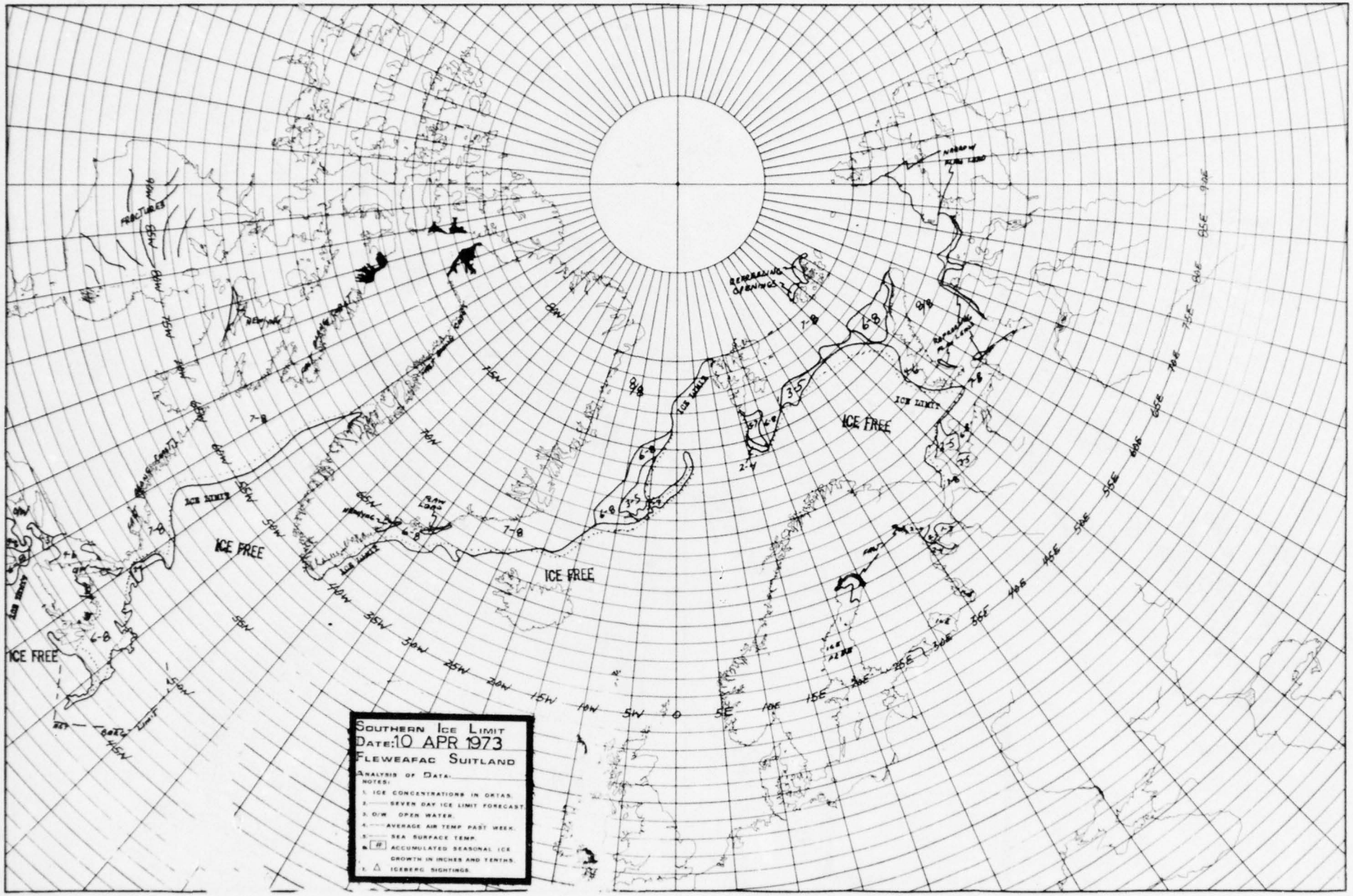

SOUTHERN ICE LIMIT
DATE: 06 MAR 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE ABSENT
ICE ABSENT
ICE ABSENT
ICE ABSENT
FAST
FAST
FAST
FAST
O/W
BST BERG LIMIT
REFREEZING FLAW LEAD
4/C
9/8
7-8
5-7
1-3
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W

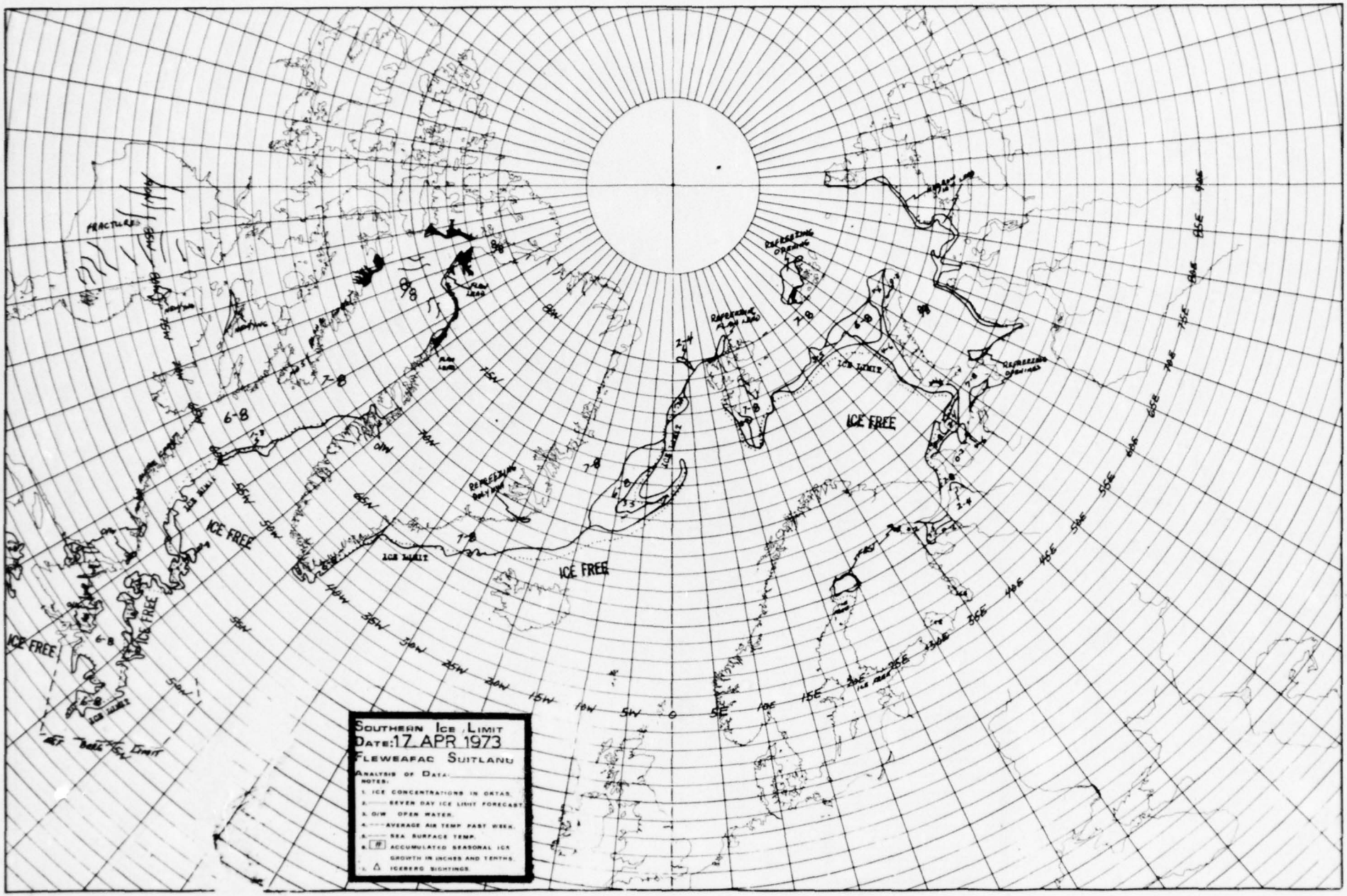

SOUTHERN ICE LIMIT
DATE: 13 MAR 1973
FLEWEAPAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
FLAW LEAD
FAST


SOUTHERN ICE LIMIT
DATE: 20 MAR 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. ▭ ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE EDGE
ICE EDGE
ICE EDGE
ICE EDGE
FAST
FAST
FAST
FAST
FAST
FAST
8/8
7-8
6-8
7-8
7-8
7


SOUTHERN ICE LIMIT
DATE: 27 MAR 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA.
NOTES:
1. "C" CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
8/8
8/8
8/8
8/8
7-8
7-8
7-8
7-8
6-8
5-7
5-7
5-7
1-3
1-3
1-3


SOUTHERN ICE LIMIT
DATE: 03 APR 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST
O/W
6-8
3-5
1-3
7-8
FAST LIMIT


SOUTHERN ICE LIMIT
DATE: 10 APR 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
RENEWING OPENINGS
RENEWING OPENINGS
NORTH ICE LEAD
ICE LEADS
ICE LEADS
ICE LEADS
FRACTURES
ICE BERGS
ICE BERGS
ICE BERGS


SOUTHERN ICE LIMIT
DATE: 17 APR 1973
FLEWEAFAC SUITLANU
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FRACTURED
REFREEZING OPENING
REFREEZING FLOW LEAD
FLOW LEAD
ICE BELT
NET BELT ICE LIMIT
6-8
7-8
2-4
0/8
8/8
0/W
0
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
5E
10E
15E
20E
25E
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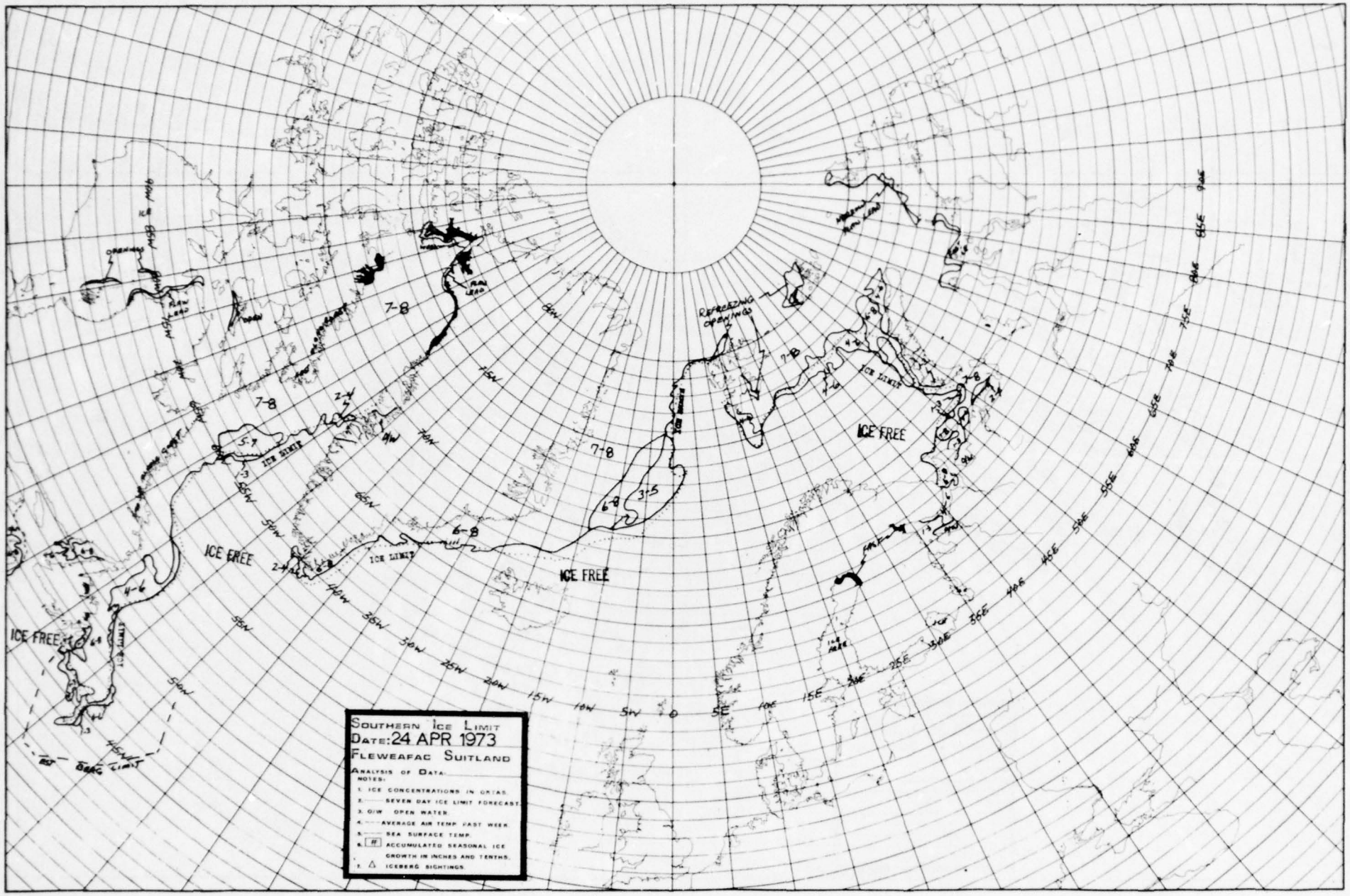
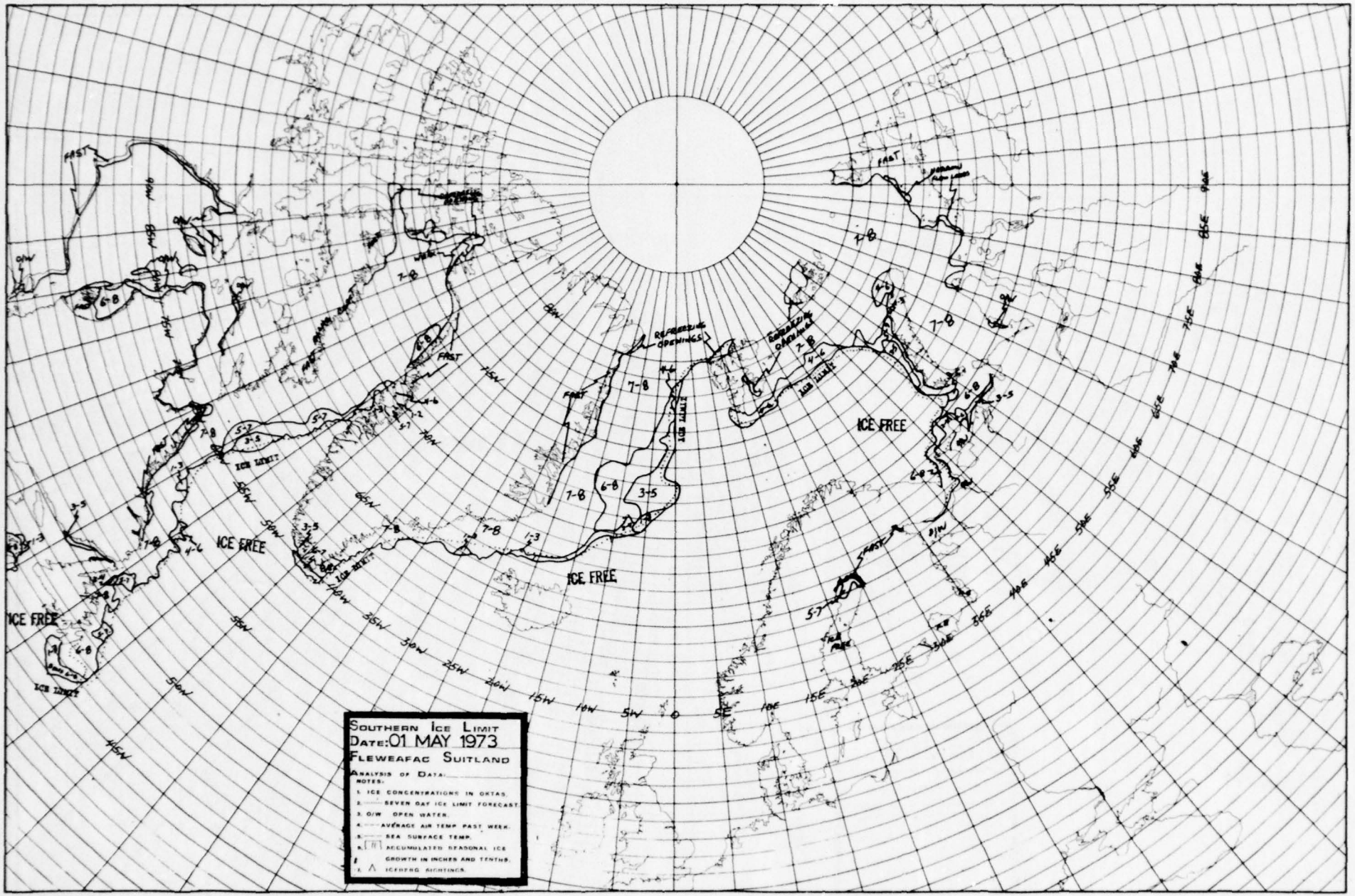
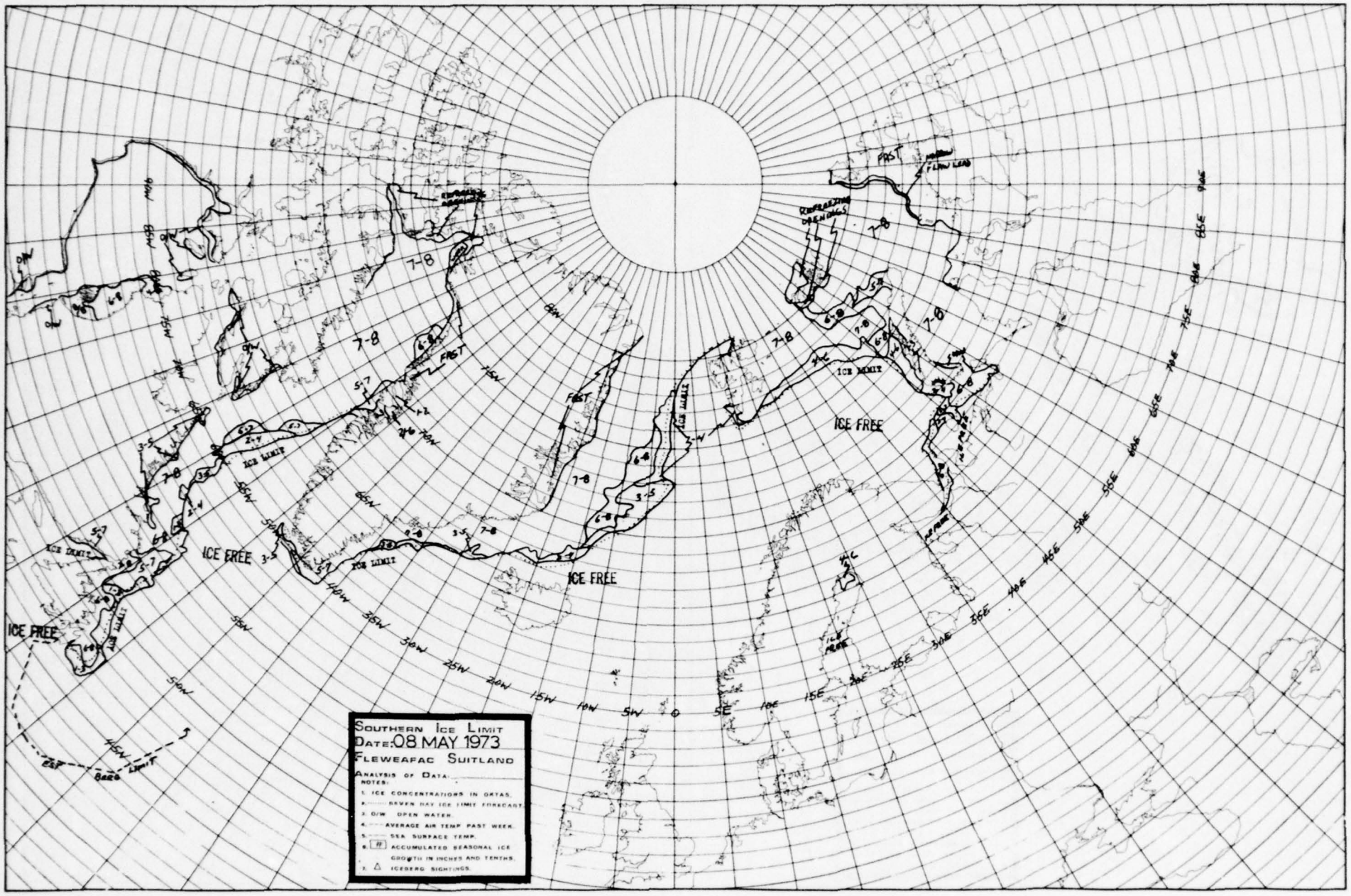
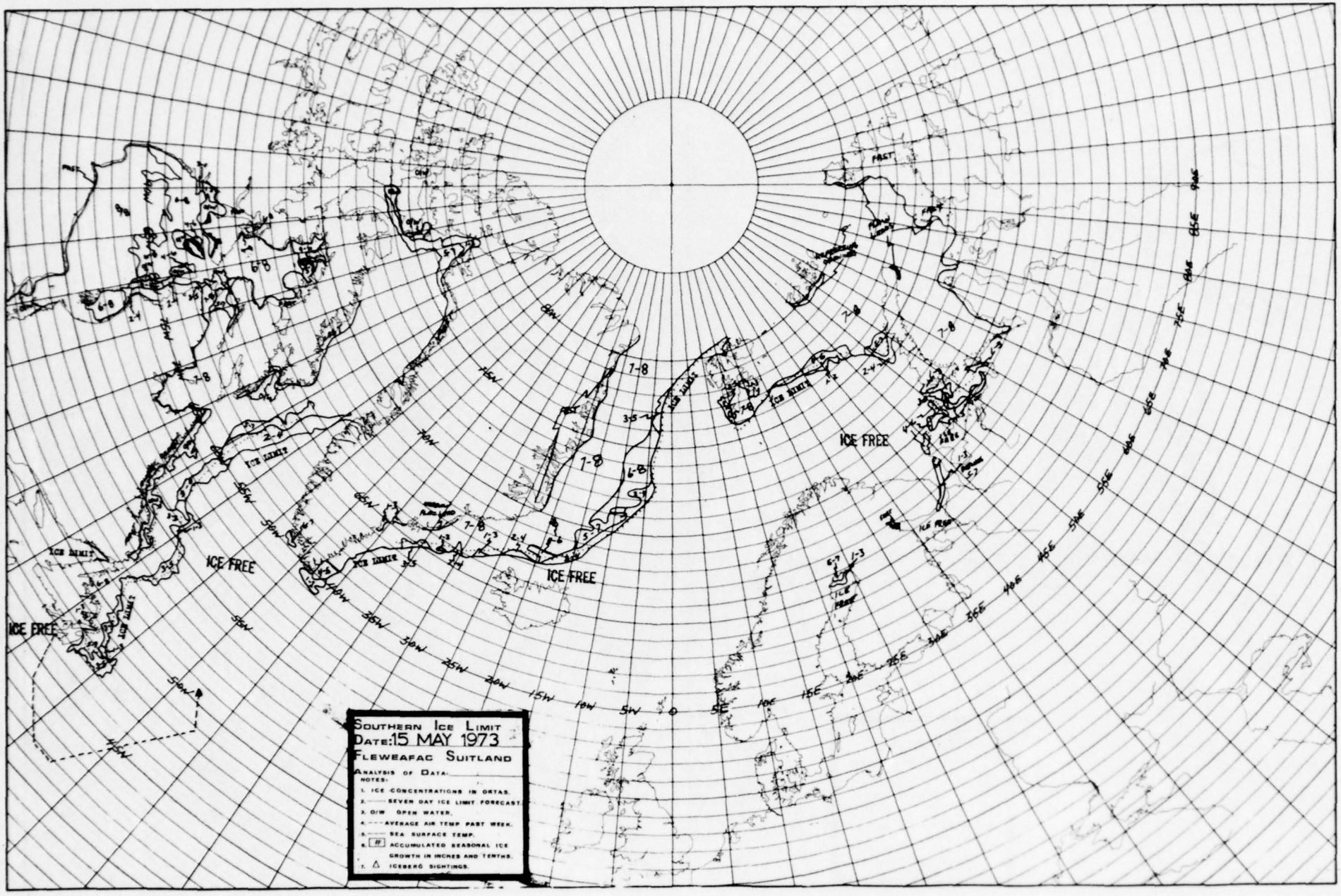
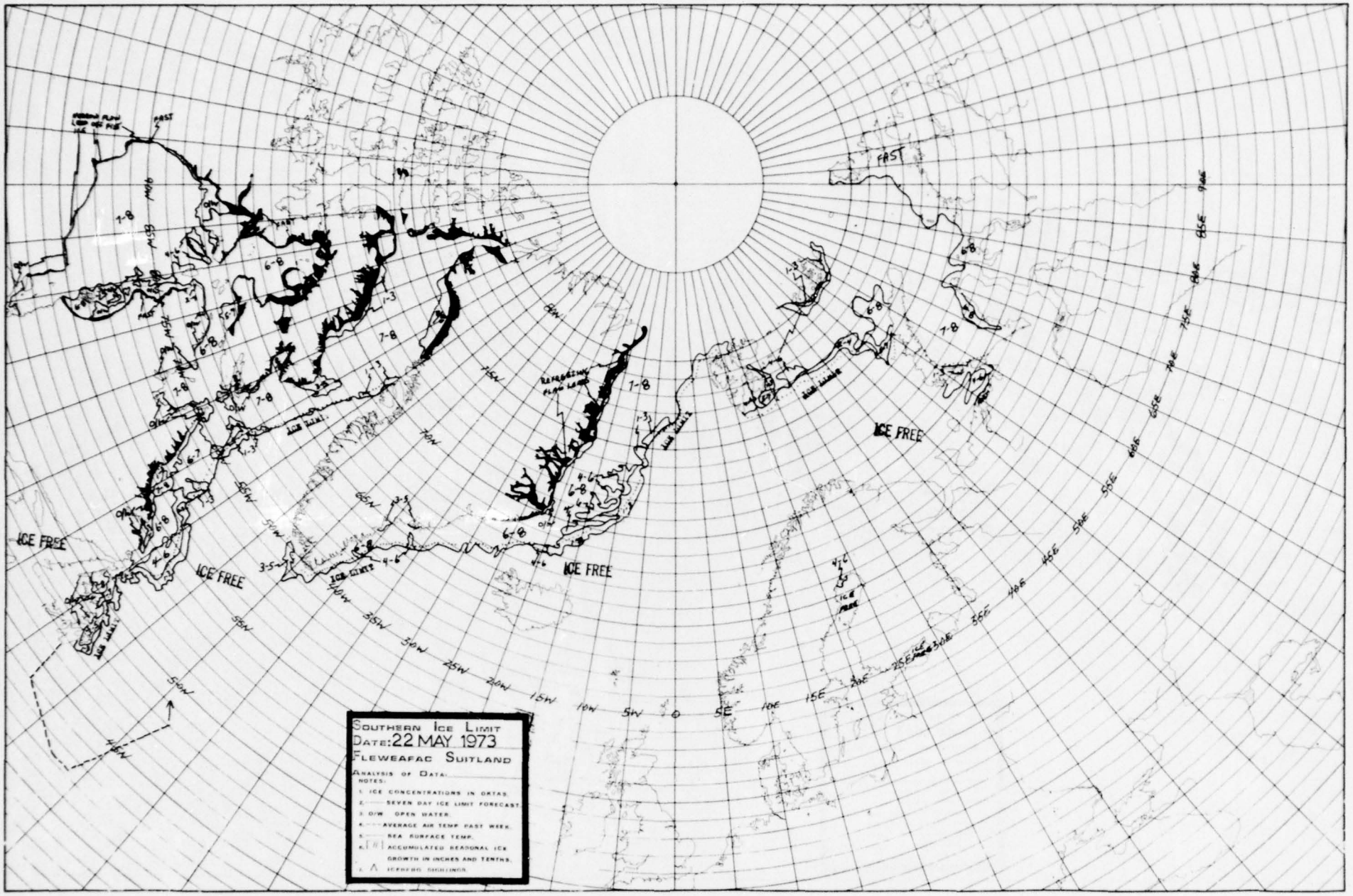
45E
50E
55E
60E
65E
70E
75E
80E
85E

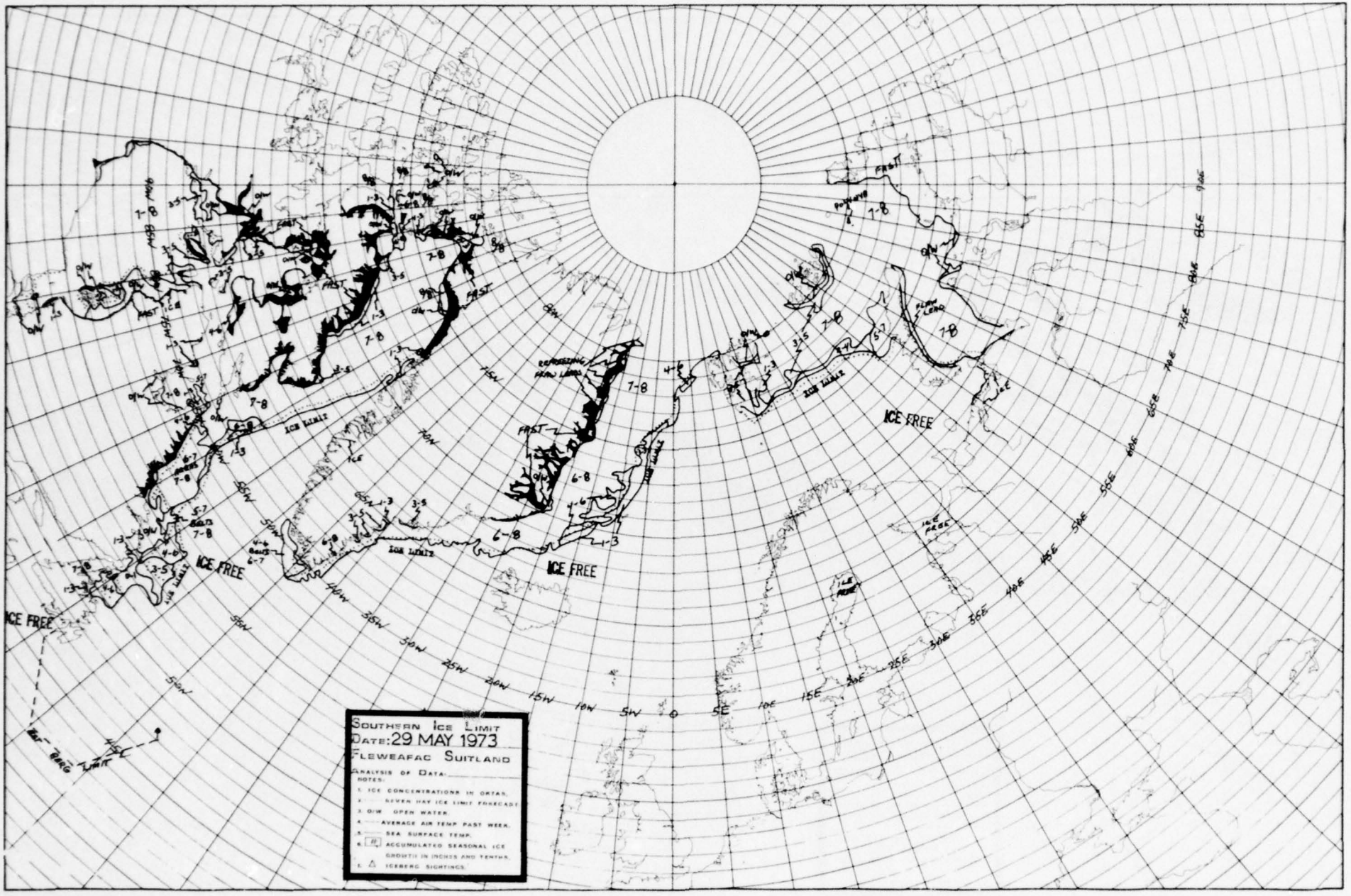

SOUTHERN ICE LIMIT
DATE: 24 APR 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. LAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
REFREEZING OPENINGS
7-8
6-8
3-5
2-4
4-6
5-7
1-3
ICE BARRIER
ICE BANDS
ICE BERGS
ICE LIMIT

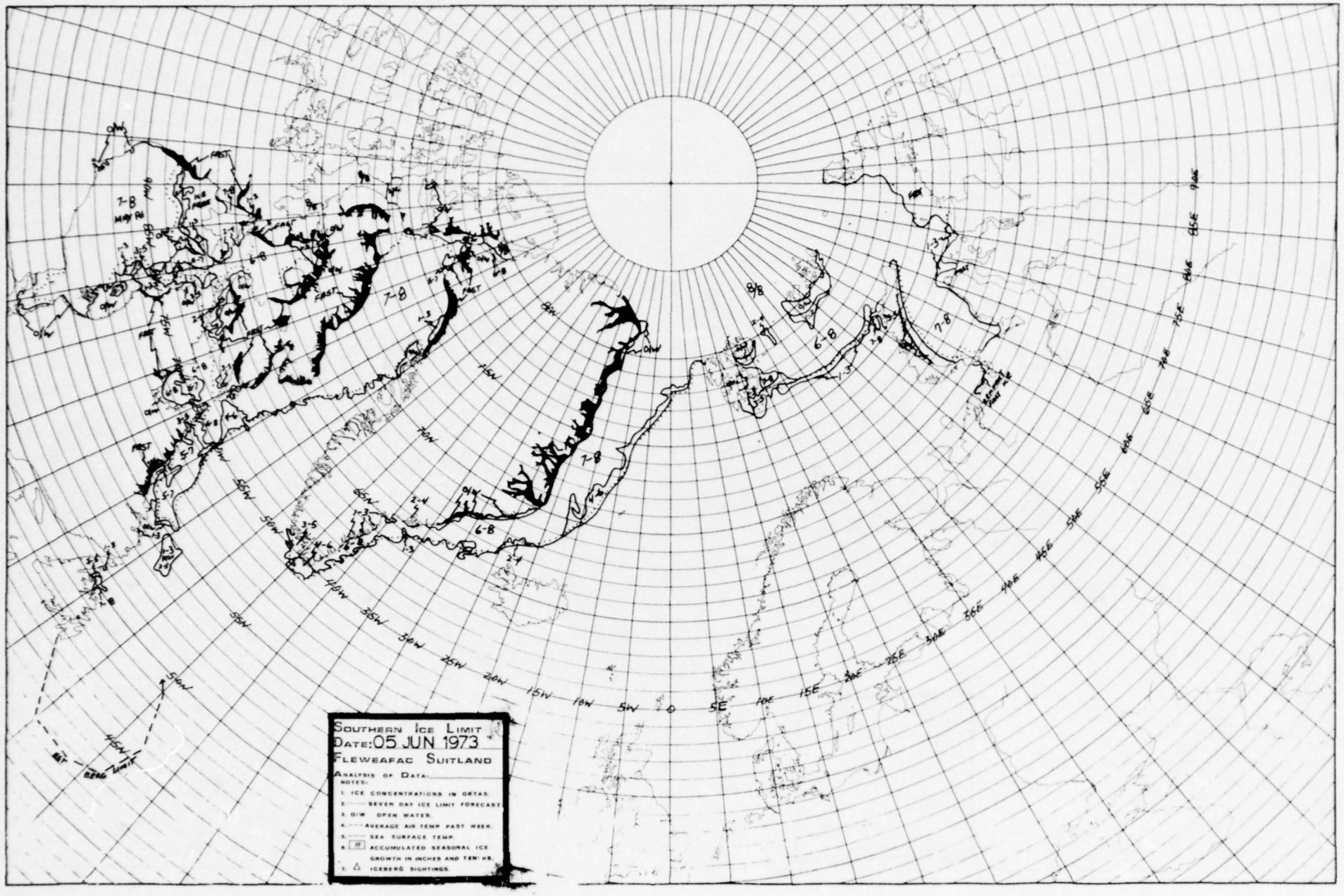

SOUTHERN ICE LIMIT
DATE: 01 MAY 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
FAST
REFREEZING OPENINGS
7-8
6-8
3-5
1-3
4-6
5-7
O/W

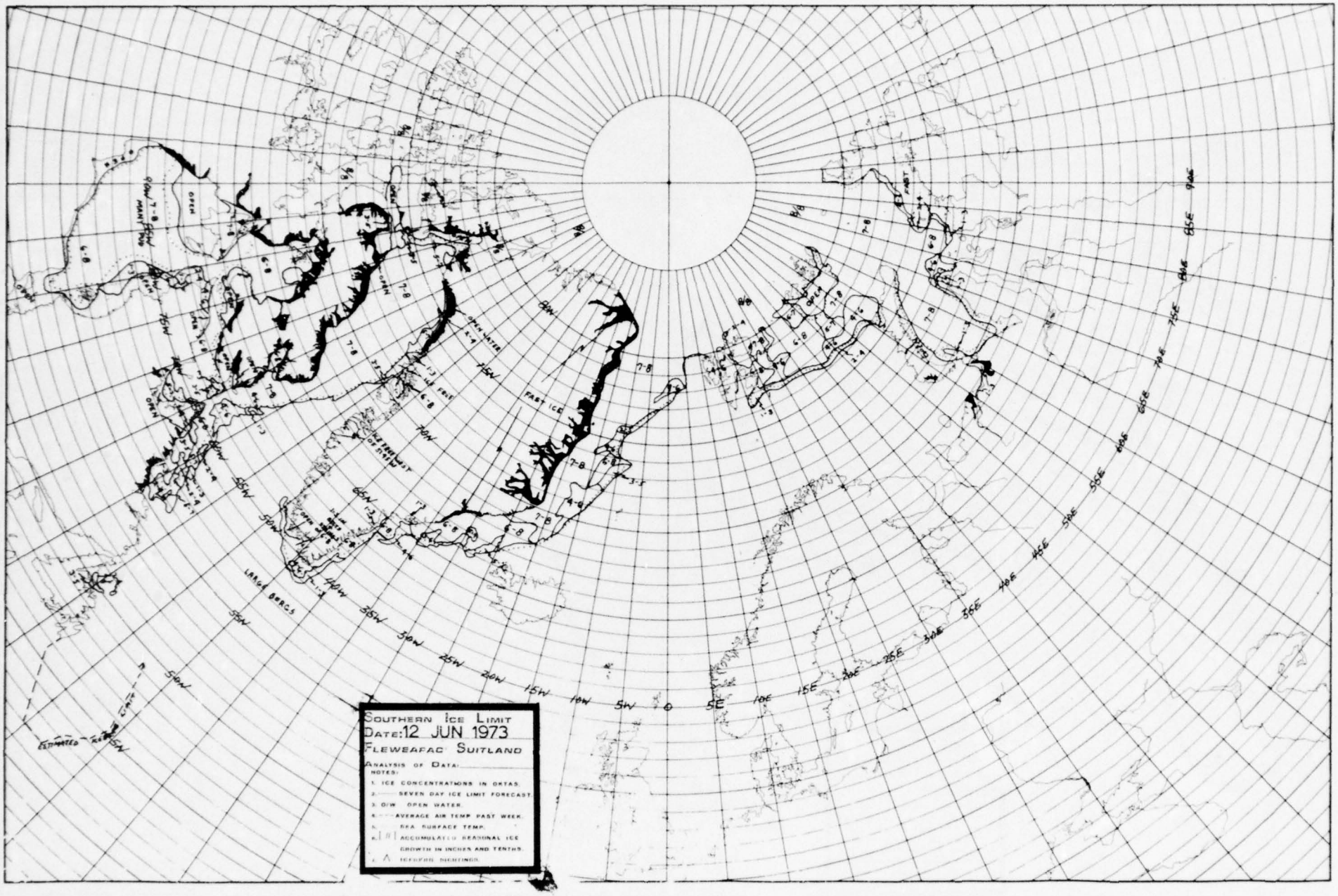

SOUTHERN ICE LIMIT
DATE: 08 MAY 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ------ AVERAGE AIR TEMP. PAST WEEK.
5. ------ SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST
7-8
6-8
5-7
3-5
2-4
1-2
O/W
0W
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

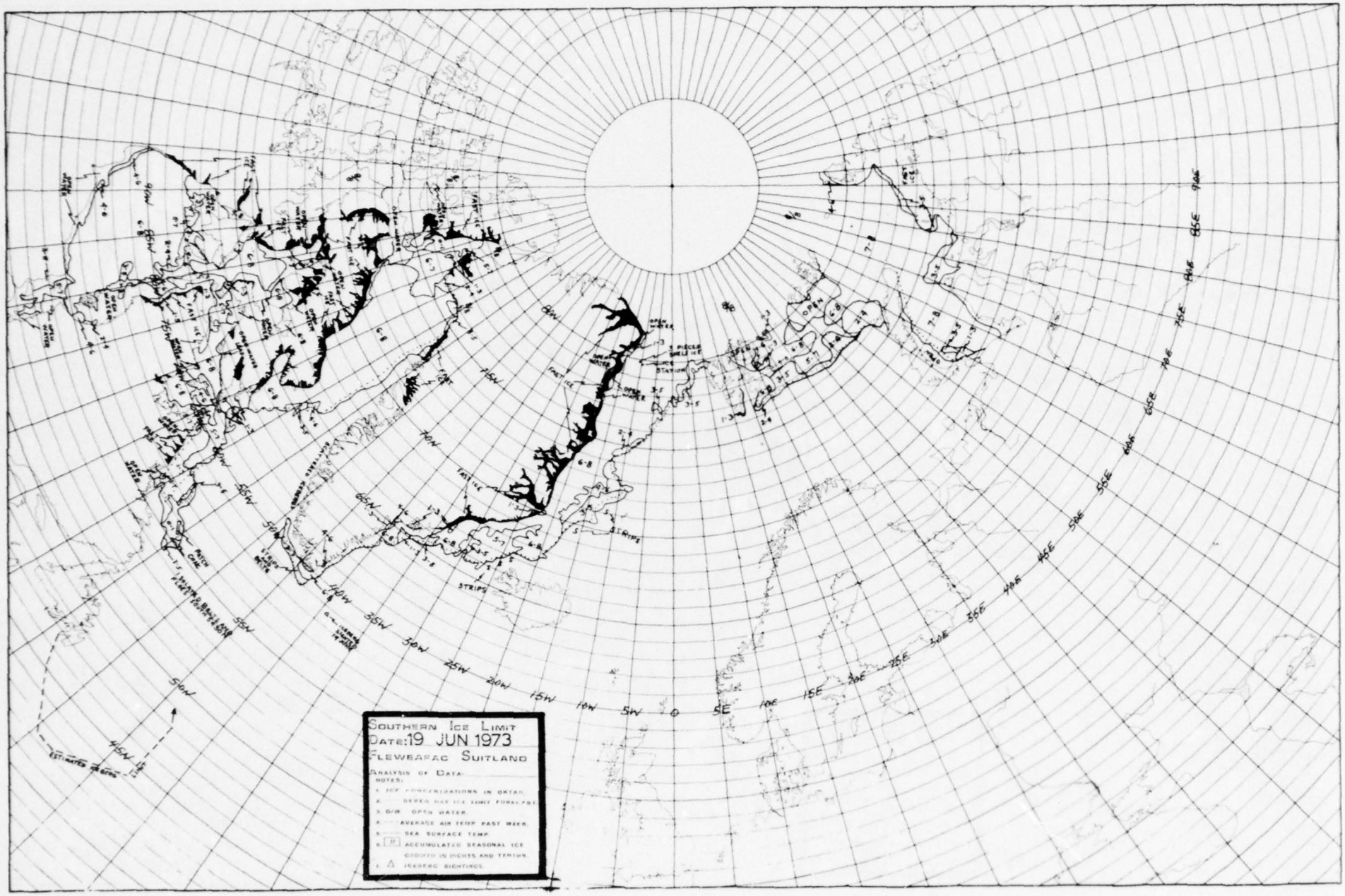

SOUTHERN ICE LIMIT
DATE: 15 MAY 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN ORTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST
7-8
6-8
2-4
3-5
1-3
0W

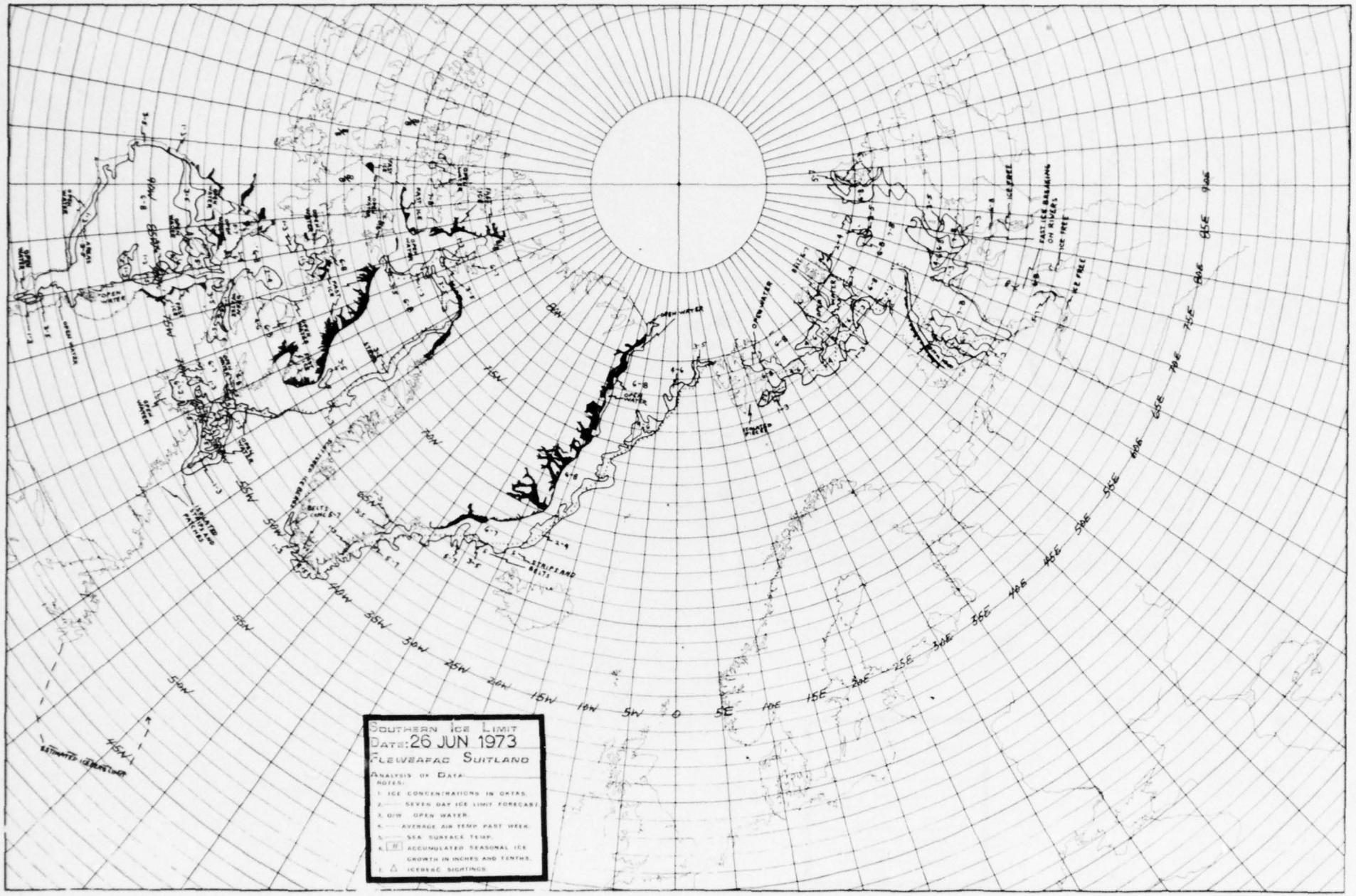

SOUTHERN ICE LIMIT
DATE: 22 MAY 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FAST
FAST
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
REFREEZING FLOW LEADS
1-8
6-8
7-8
1-3
4-6
3-5
0/W
0
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

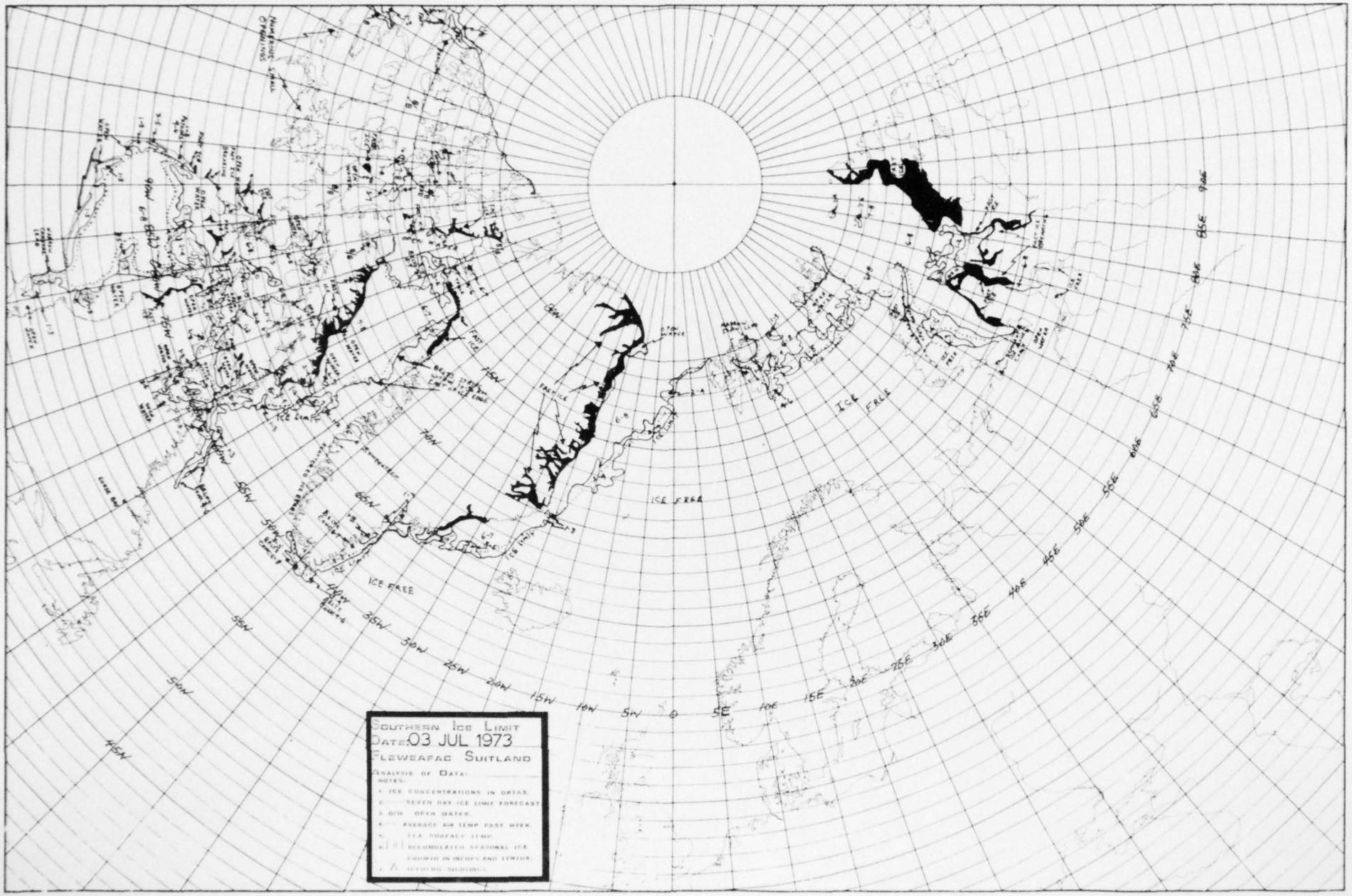

SOUTHERN ICE LIMIT
DATE: 29 MAY 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST
7-8
6-8
O/W
ICE FREE

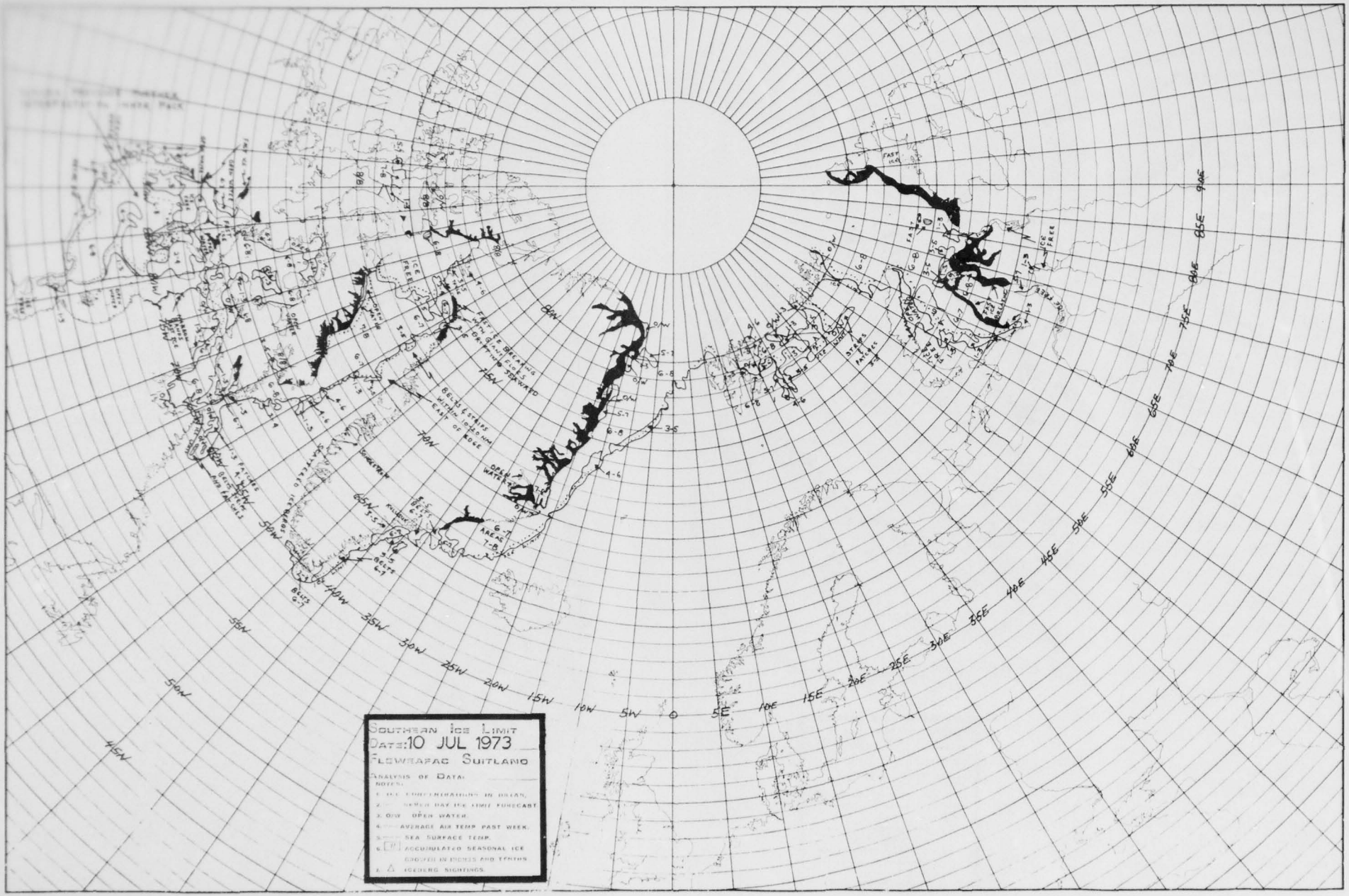

SOUTHERN ICE LIMIT
DATE: 05 JUN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.

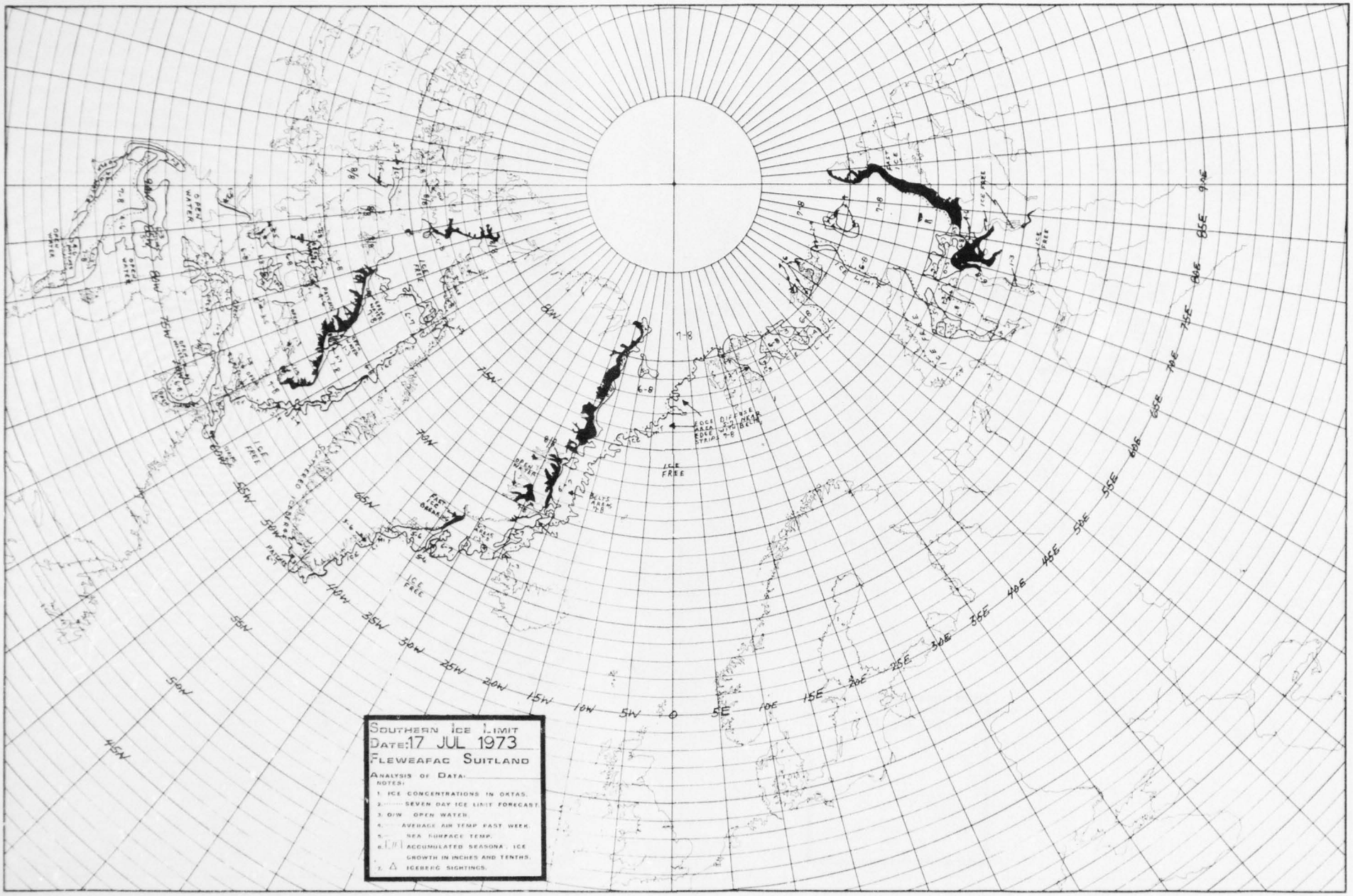

SOUTHERN ICE LIMIT
DATE: 12 JUN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
FAST ICE
LARGE BERGS
ESTIMATED ICE EDGE
OPEN WATER
OPEN
7-8
6-8
4-6
3-5
2-4
1-3
0/W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W

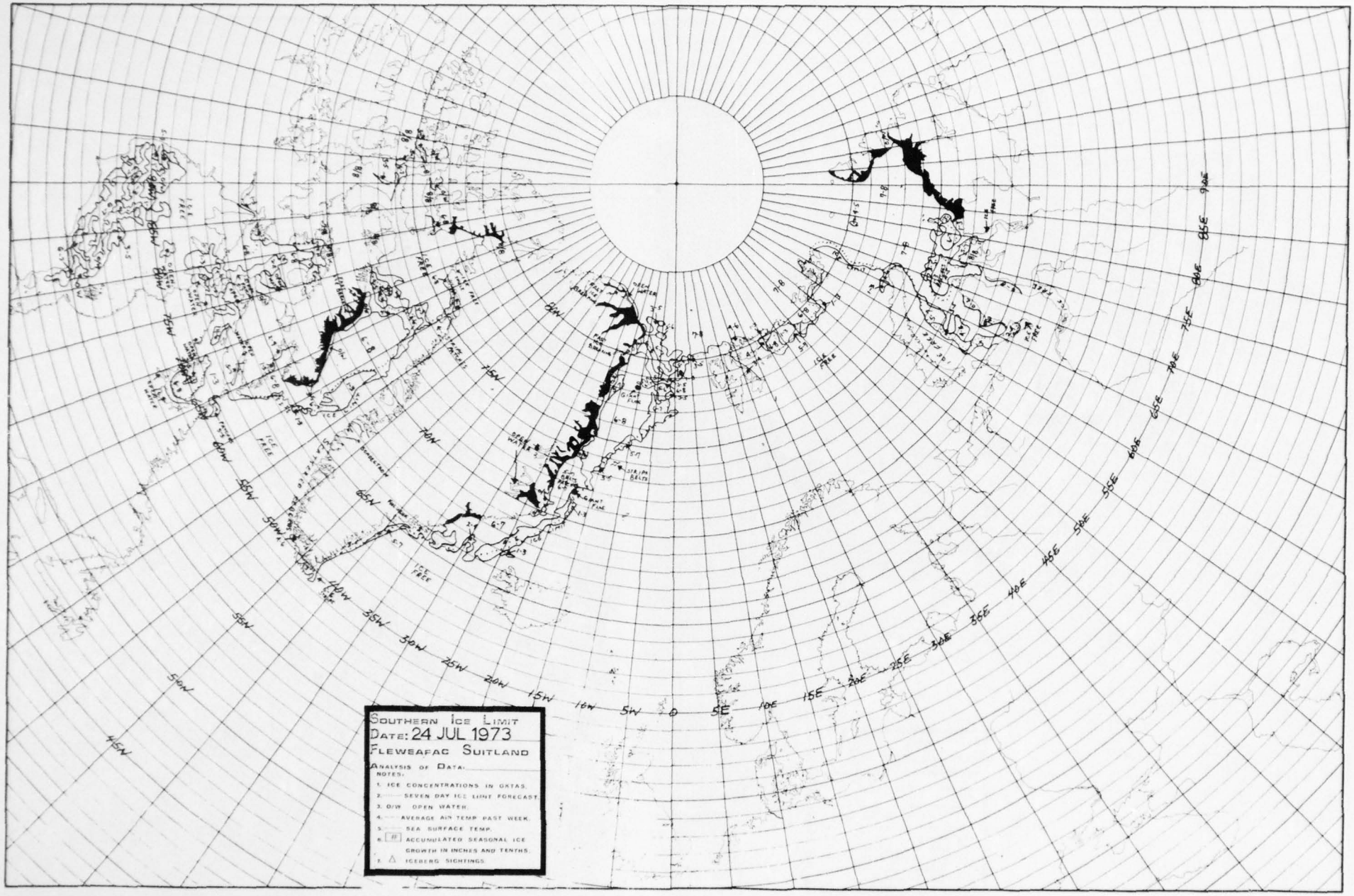

SOUTHERN ICE LIMIT
DATE: 19 JUN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. DENOTES DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W
OPEN
FAST ICE
STRIPS
ESTIMATED ICE EDGE

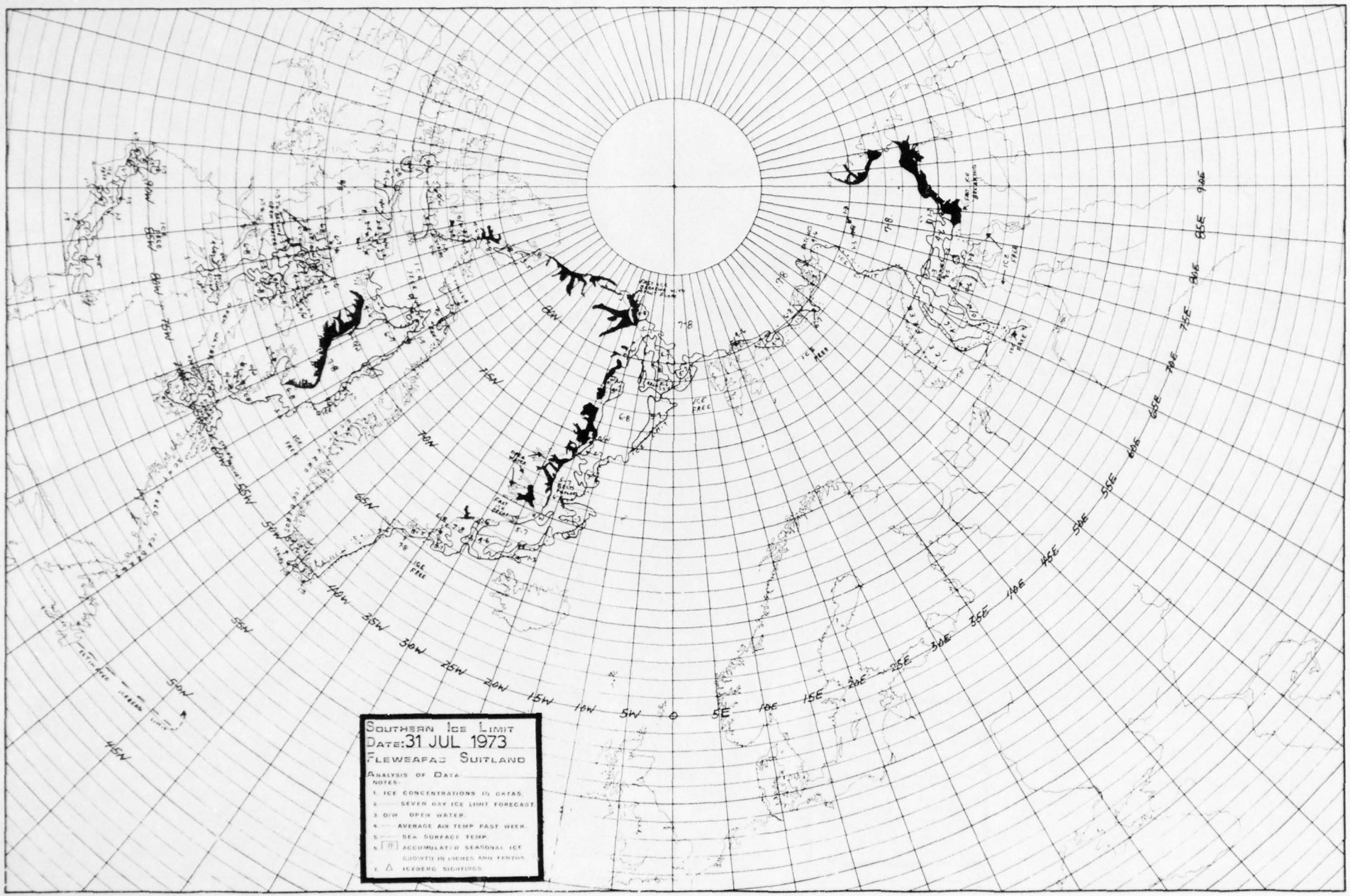

SOUTHERN ICE LIMIT
DATE: 26 JUN 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
FAST ICE BREAKING ON RIVERS
ICE FREE
OPEN WATER
OPEN WATER
BELTS
BELTS
BELTS
ESTIMATED ICE LIMIT
ESTIMATED ICE LIMIT
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

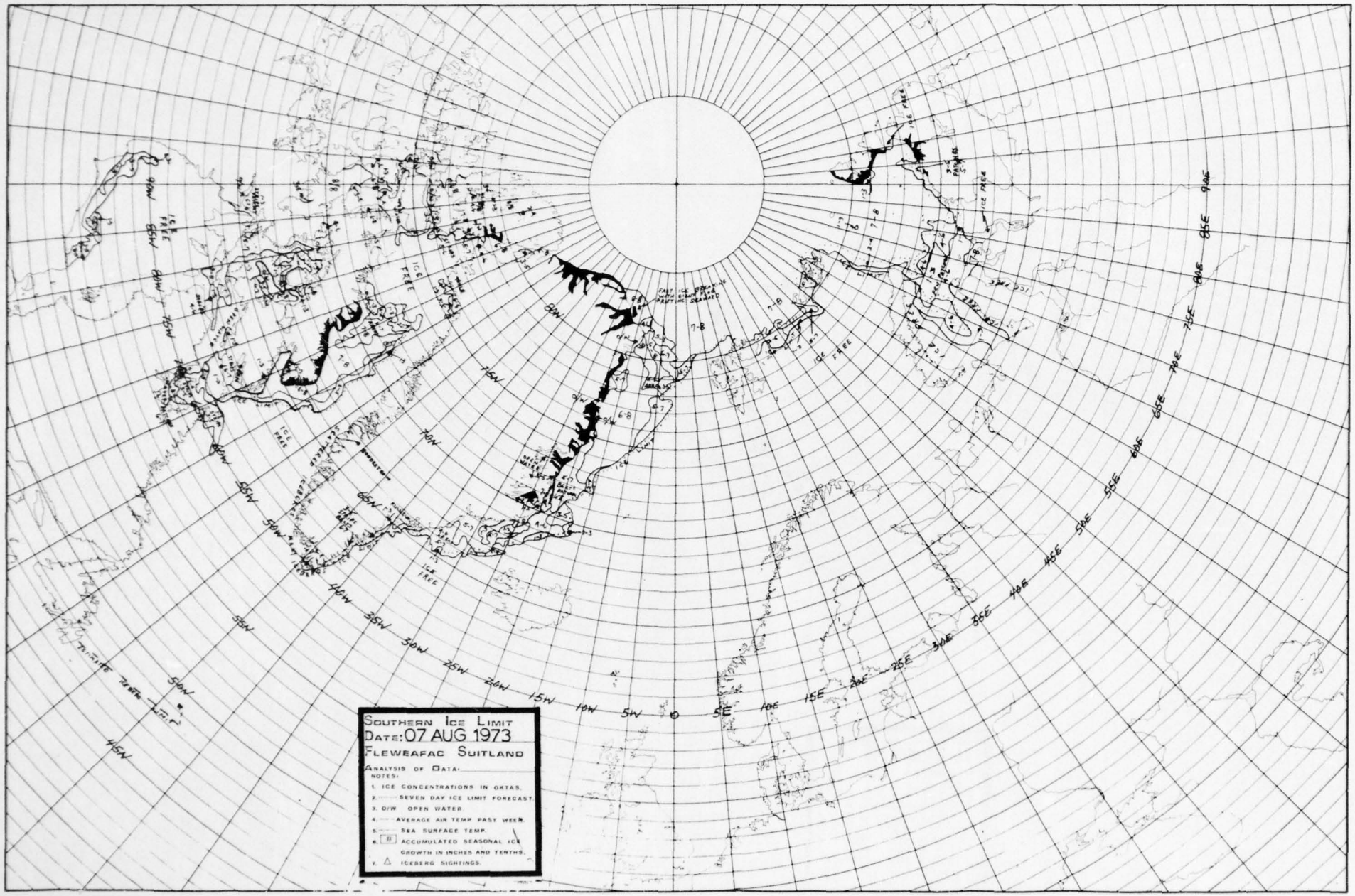

SOUTHERN ICE LIMIT
DATE: 03 JUL 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE
SHOWN IN INDEX AND LENGTH.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
FAST ICE
PACK ICE
ICE LIMIT
ICE LIMIT
ICE LIMIT

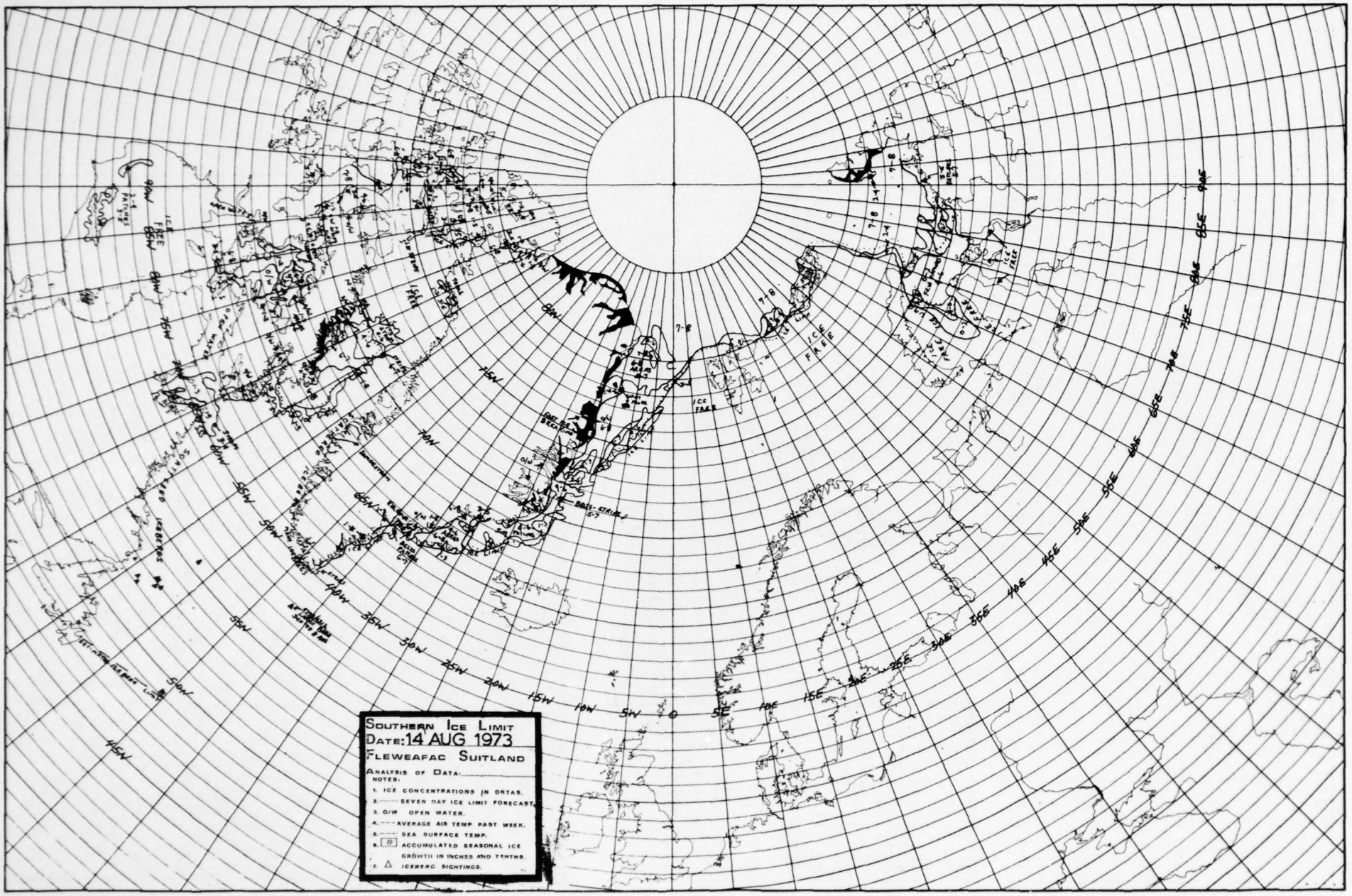

SOUTHERN ICE LIMIT
DATE: 10 JUL 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE TIME FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS.
FAST ICE
ICE FREE
OPEN WATER
AREA A
AREA B
BELTS
0°
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W

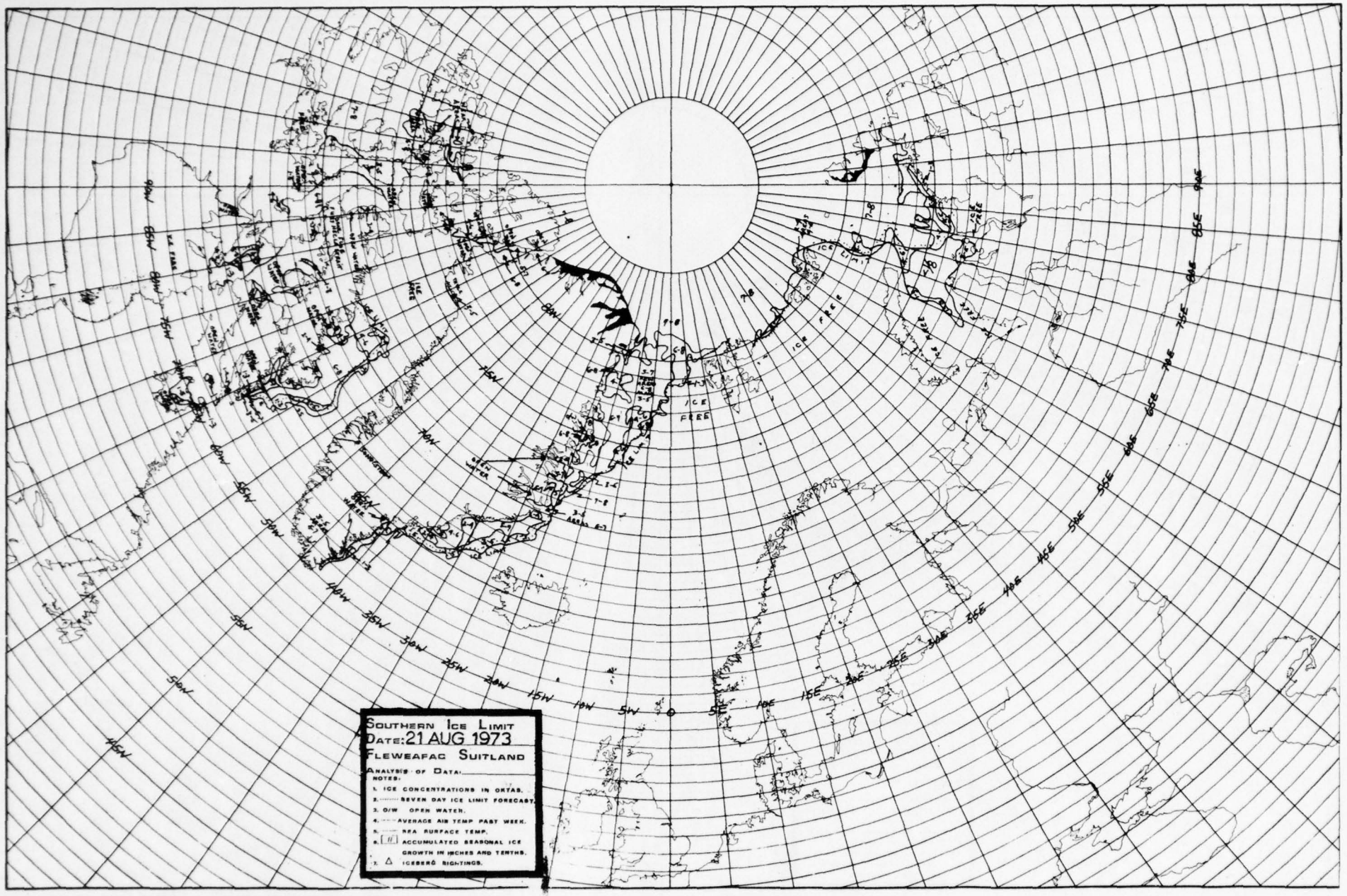

SOUTHERN ICE LIMIT
DATE: 17 JUL 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
OPEN WATER
FAST ICE BREAKING
ICE EDGE AREA STAIRS
ICE FREE ZONE NEAR BELTS
BELTS AREA 7-8
ICE LIMIT
0 5E 10E 15E 20E 25E 30E 35E 40E 45E 50E 55E 60E 65E 70E 75E 80E 85E 90E
0 5W 10W 15W 20W 25W 30W 35W 40W 45W 50W 55W 60W 65W 70W 75W 80W 85W 90W
45N 50N 55N 60N 65N 70N

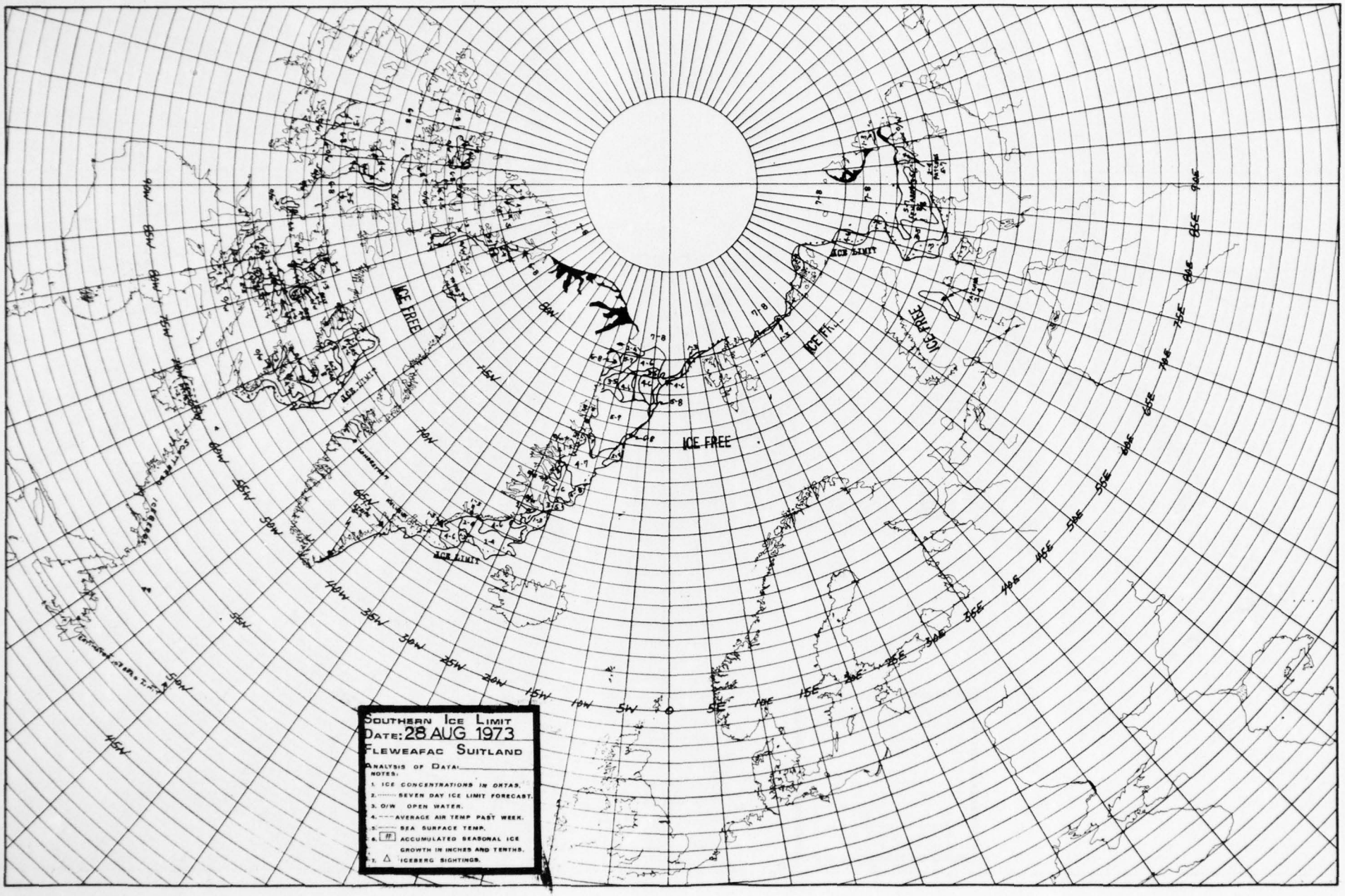

SOUTHERN ICE LIMIT
DATE: 24 JUL 1973
FLEWEAPAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
OPEN WATER
STRIPS BELTS
ICE PACK
FLAT TREE
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

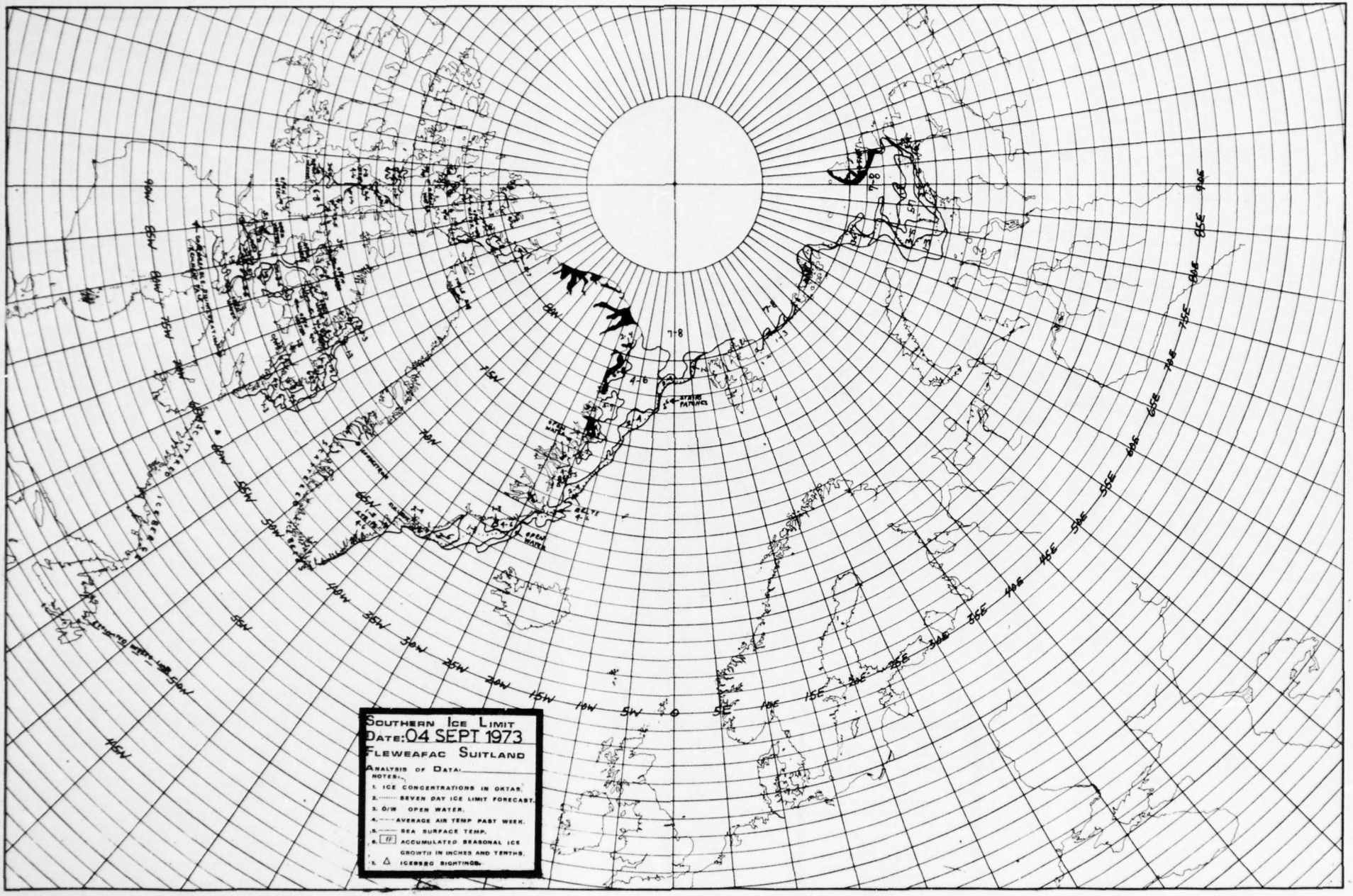

SOUTHERN ICE LIMIT
DATE: 31 JUL 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 07 AUG 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
FAST ICE BROKEN UP
FAST ICE STILL FLAT
FAST ICE SEPARATED
7-8
6-8
5-7
3-5
0/8
1/8
2/8
3/8
4/8
5/8
6/8
7/8
8/8
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 14 AUG 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICEBERGS
BOLIS-STRAIT
7-8


SOUTHERN ICE LIMIT
DATE: 21 AUG 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ····· SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. [ ] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 28 AUG 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ····· SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W


SOUTHERN ICE LIMIT
DATE: 04 SEPT 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:-
1. ICE CONCENTRATIONS IN OKTAS.
2. ····· SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
7·8
4·6
7·8
OPEN WATER
BELT
OPEN WATER
STEEL MAKE
STEEL FAILURE
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
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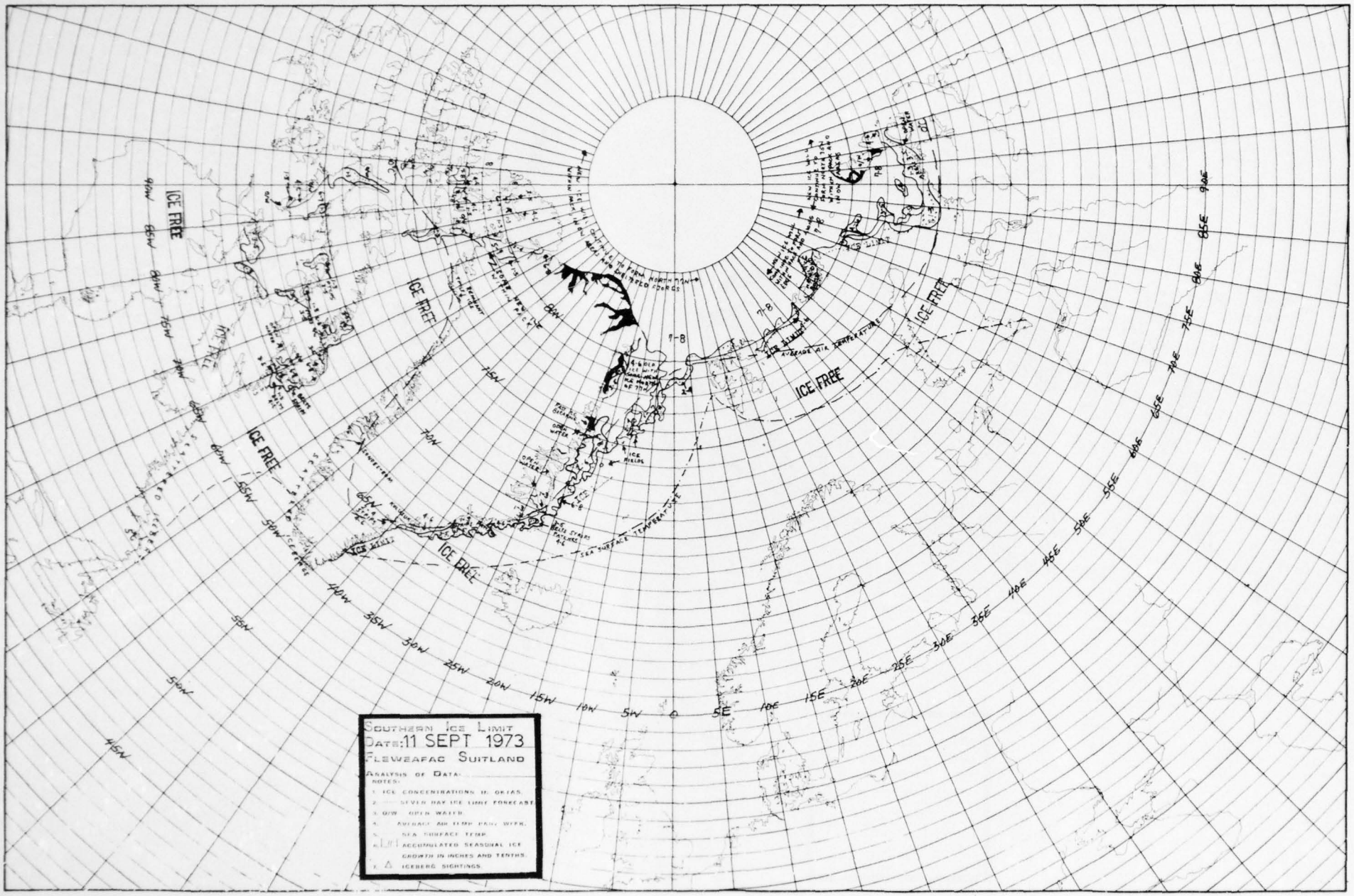
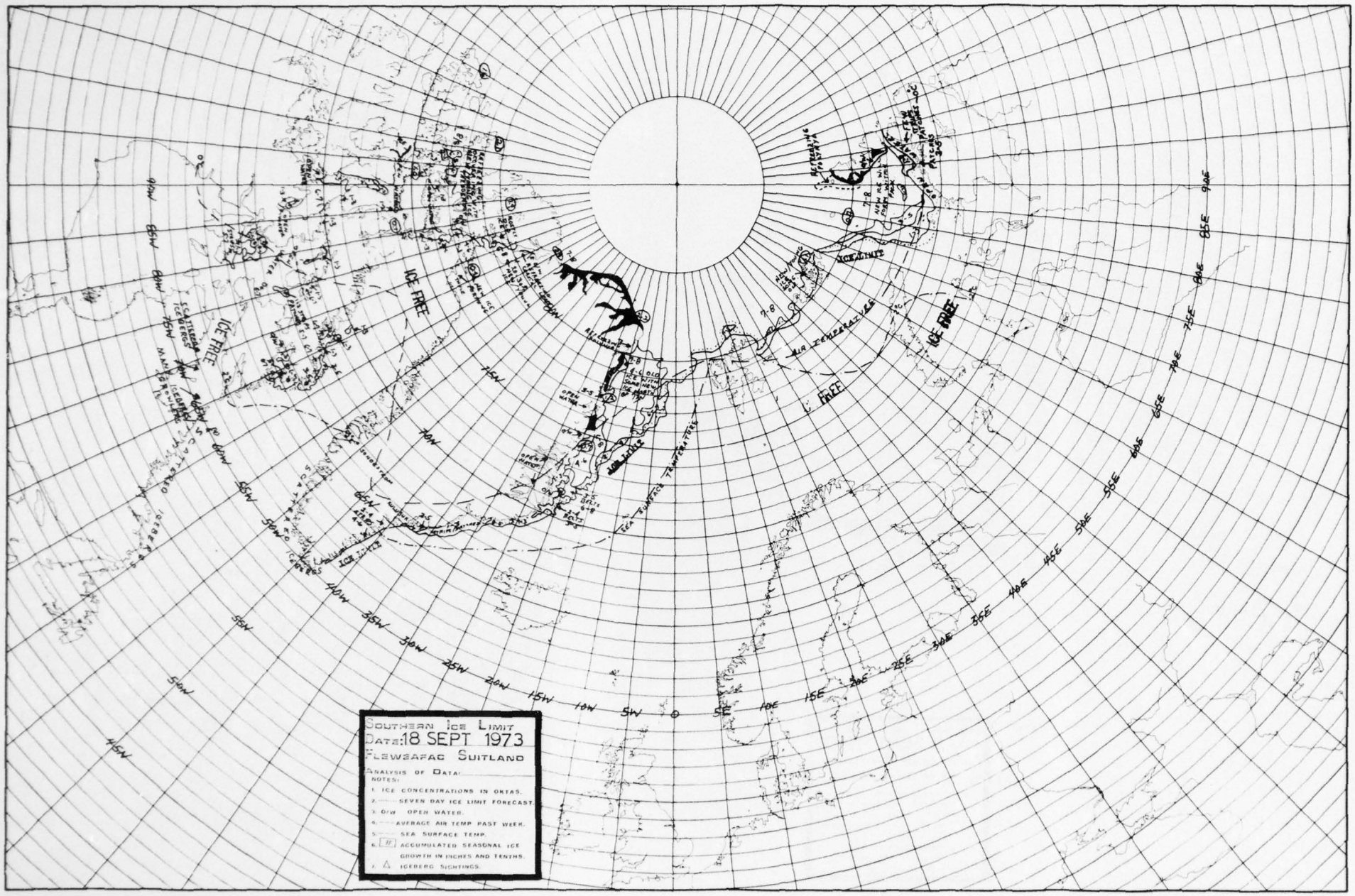
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 11 SEPT 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. FOR WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 18 SEPT 1973
FLEWSAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
AIR TEMPERATURES
SEA SURFACE TEMPERATURES
NOVOLAZAREVSKAYA
MAUD ROLLE
ICEBERGS
ICEBERGS
ICEBERGS
ICEBERGS
ICEBERGS
ICE LIMITS
OPEN WATER
OPEN WATER
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
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50E
55E
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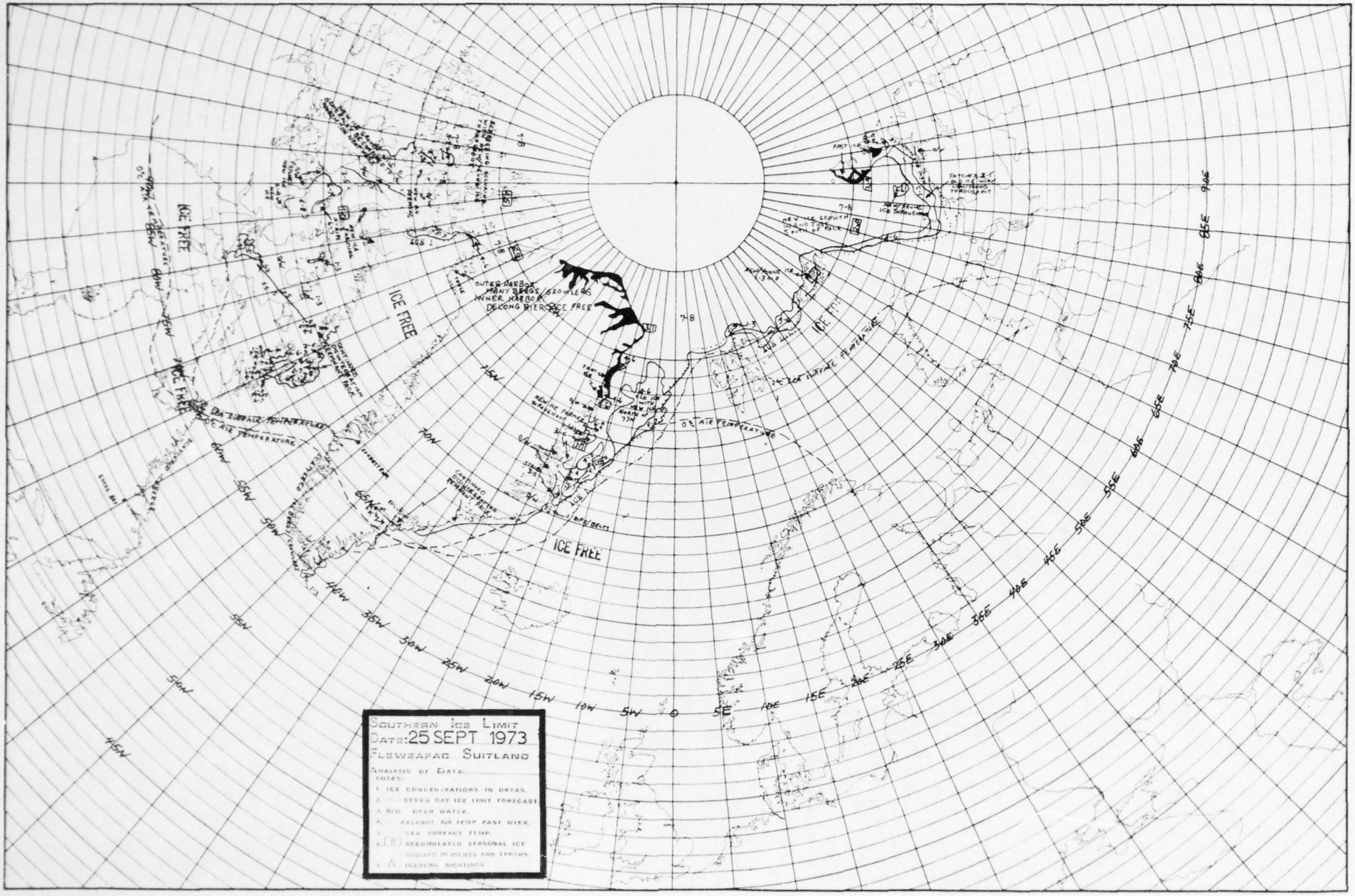
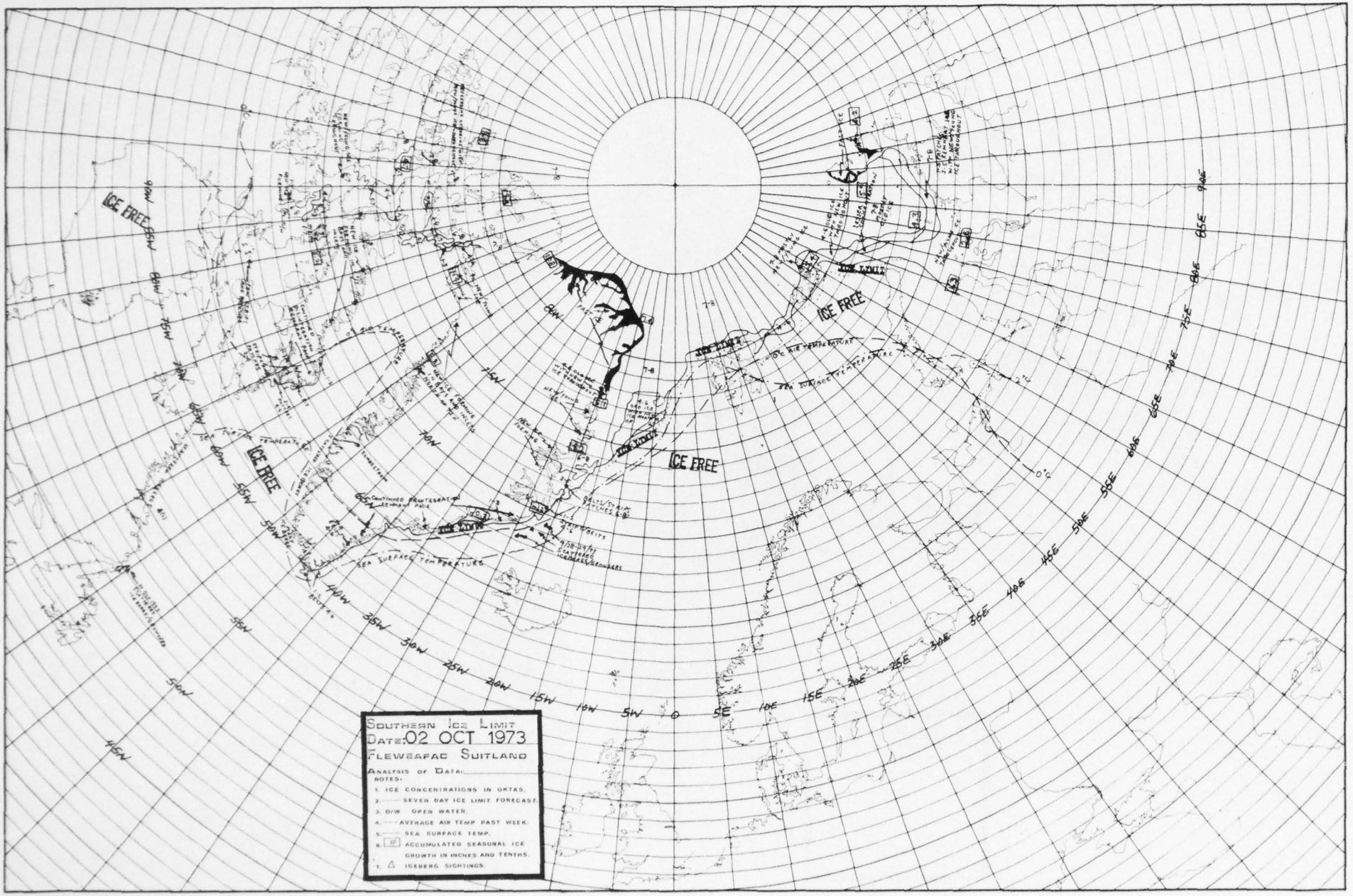
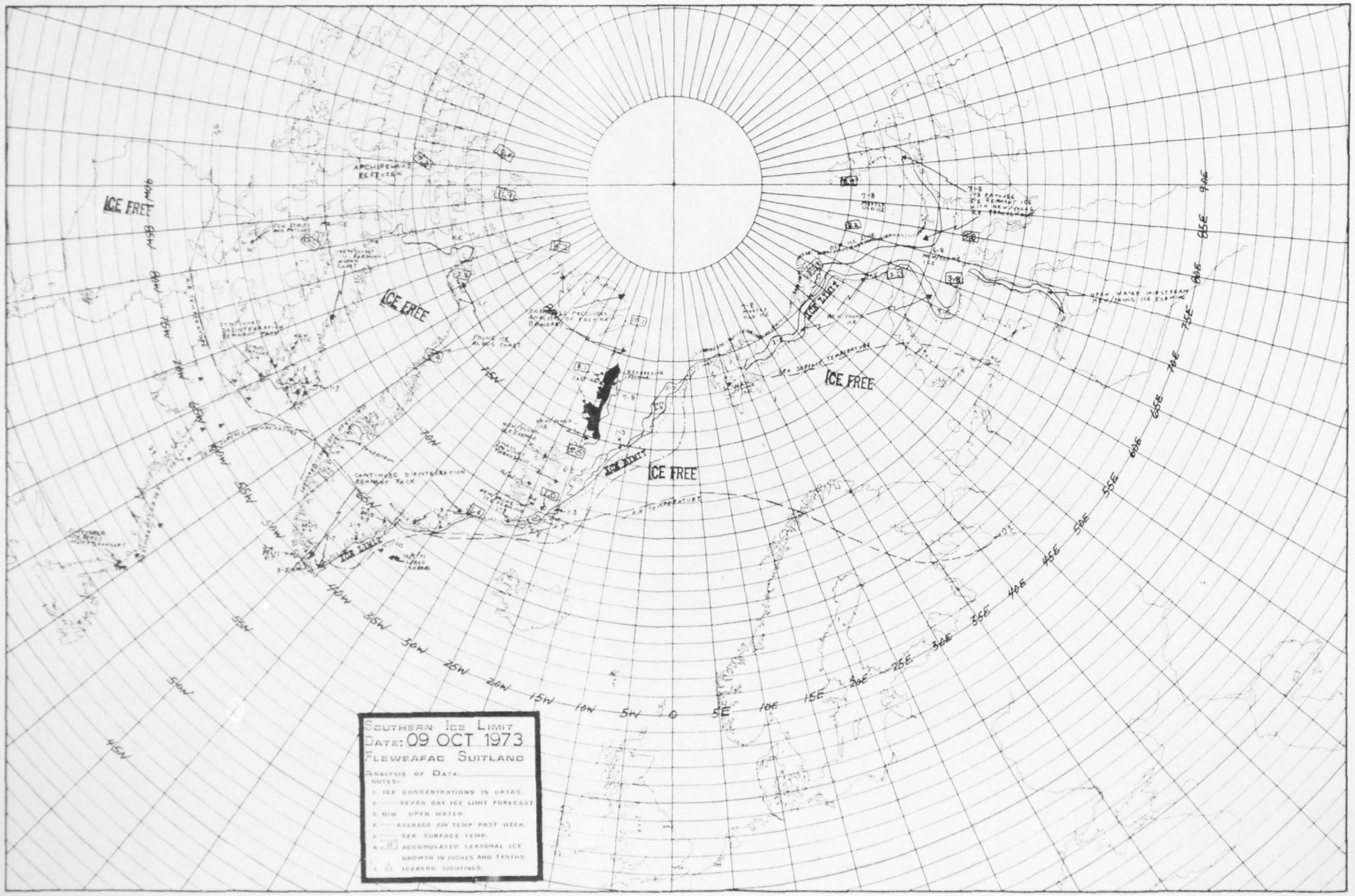
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 25 SEPT 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
OUTER HARBOR
MANY BERGS / BROWLEYS
INNER HARBOR
DELONG PIER ICE FREE
ICE SURFACE TEMPERATURE
AIR TEMPERATURE
FAST ICE
NEW ICE GROWTH
NEW/REDUCE ICE THROUGHOUT
PATCHES OF NEW/REDUCE ICE THROUGHOUT
NEW ICE FORMED OVERNIGHT
ICE TO 10 WITH NEW ICE MAIN 7TH
ENCLOSED DOWNWARD TEMPERATURE PATCH
7-8
0/W
45N
50N
55N
60N
65N
70N
75N
80N
85N
90N
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 02 OCT 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
SEA SURFACE TEMPERATURE
AIR TEMPERATURE
CONTINUED FROM TEGBAT
ICEBERG PACK
BRUTAL
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT



SOUTHERN ICE LIMIT
DATE: 09 OCT 1973
FLEWEAFAC SUITLAND

ANALYSIS OF DATA:

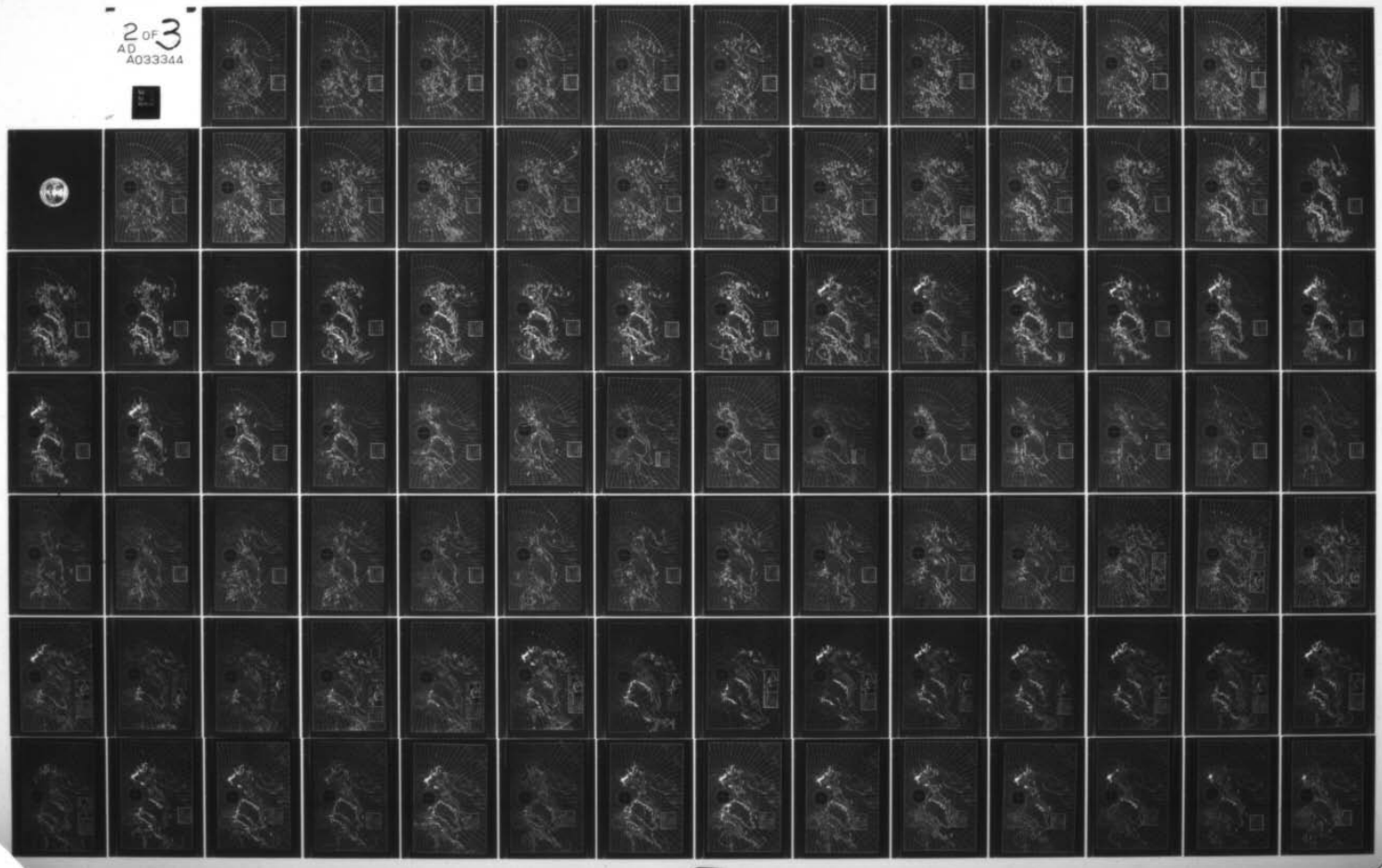
NOTES:

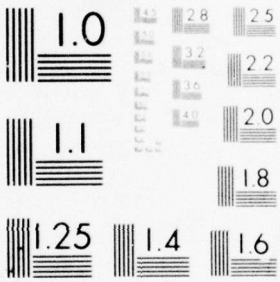
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. [ ] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

AD-A033 344 FLEET WEATHER FACILITY SUITLAND MD F/G 8/12
EASTERN ARCTIC SEA ICE ANALYSES 1972-1975.(U)
JUN 76

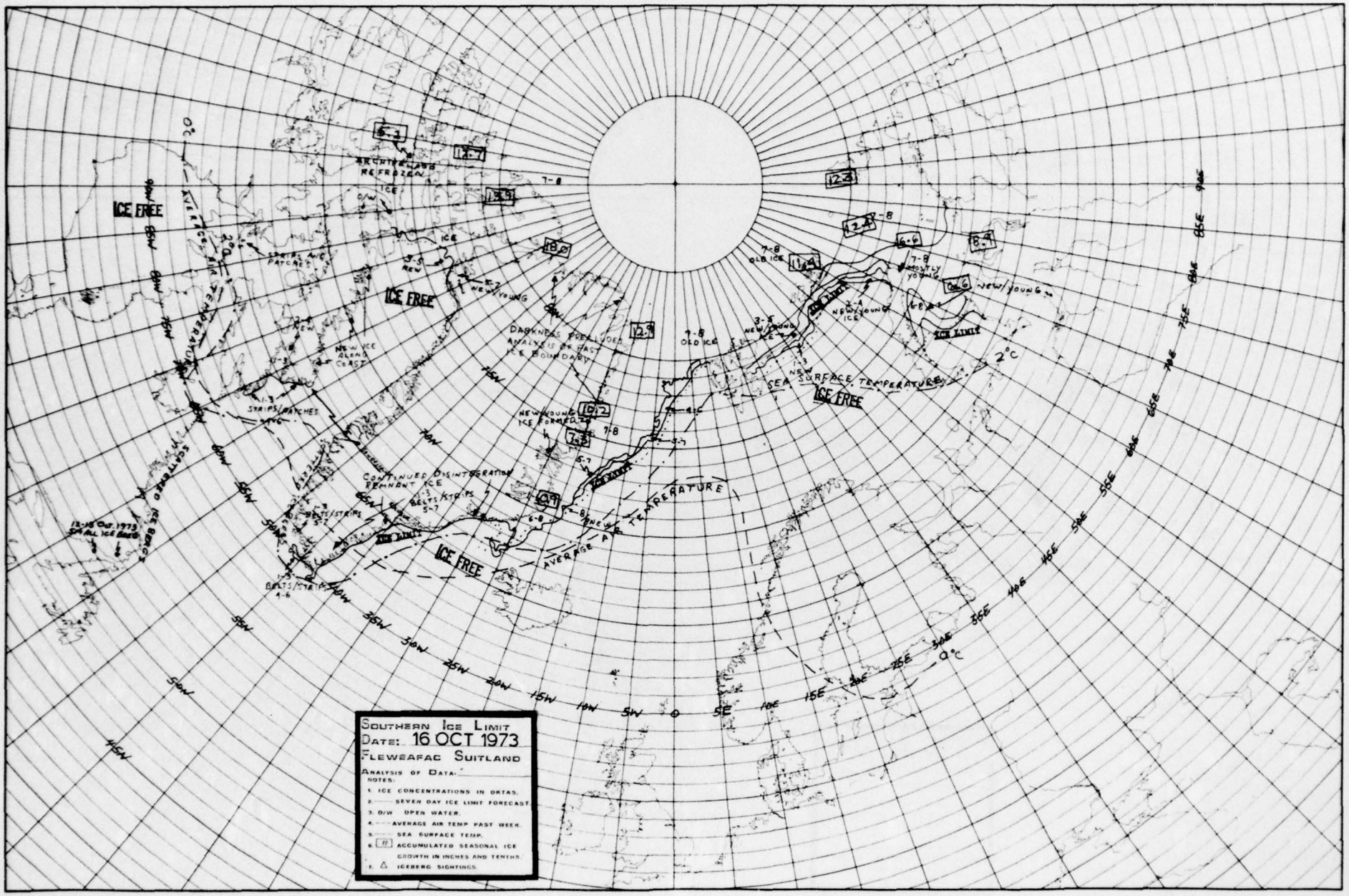
UNCLASSIFIED NL

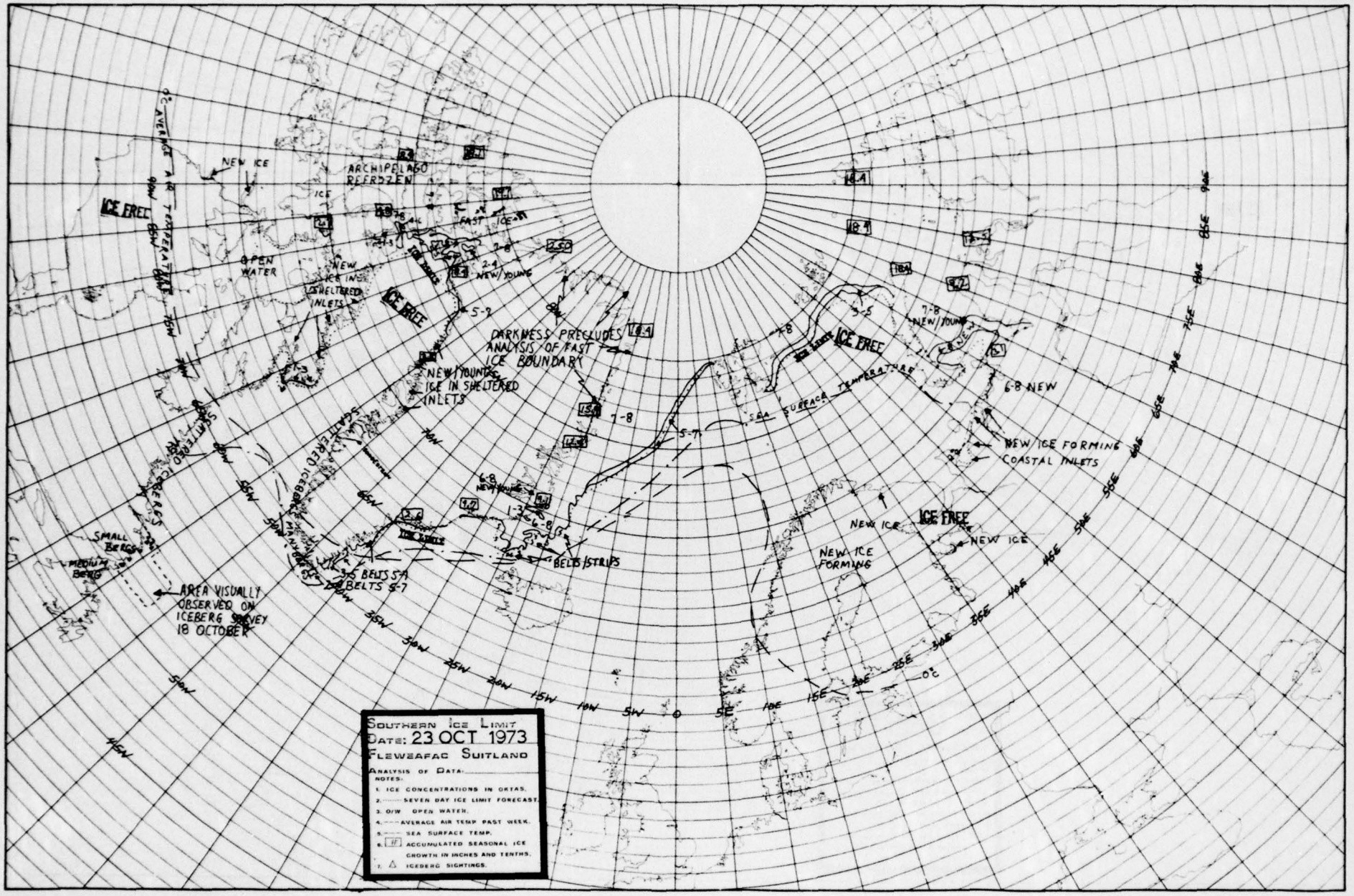
2 OF 3
AD
A033344

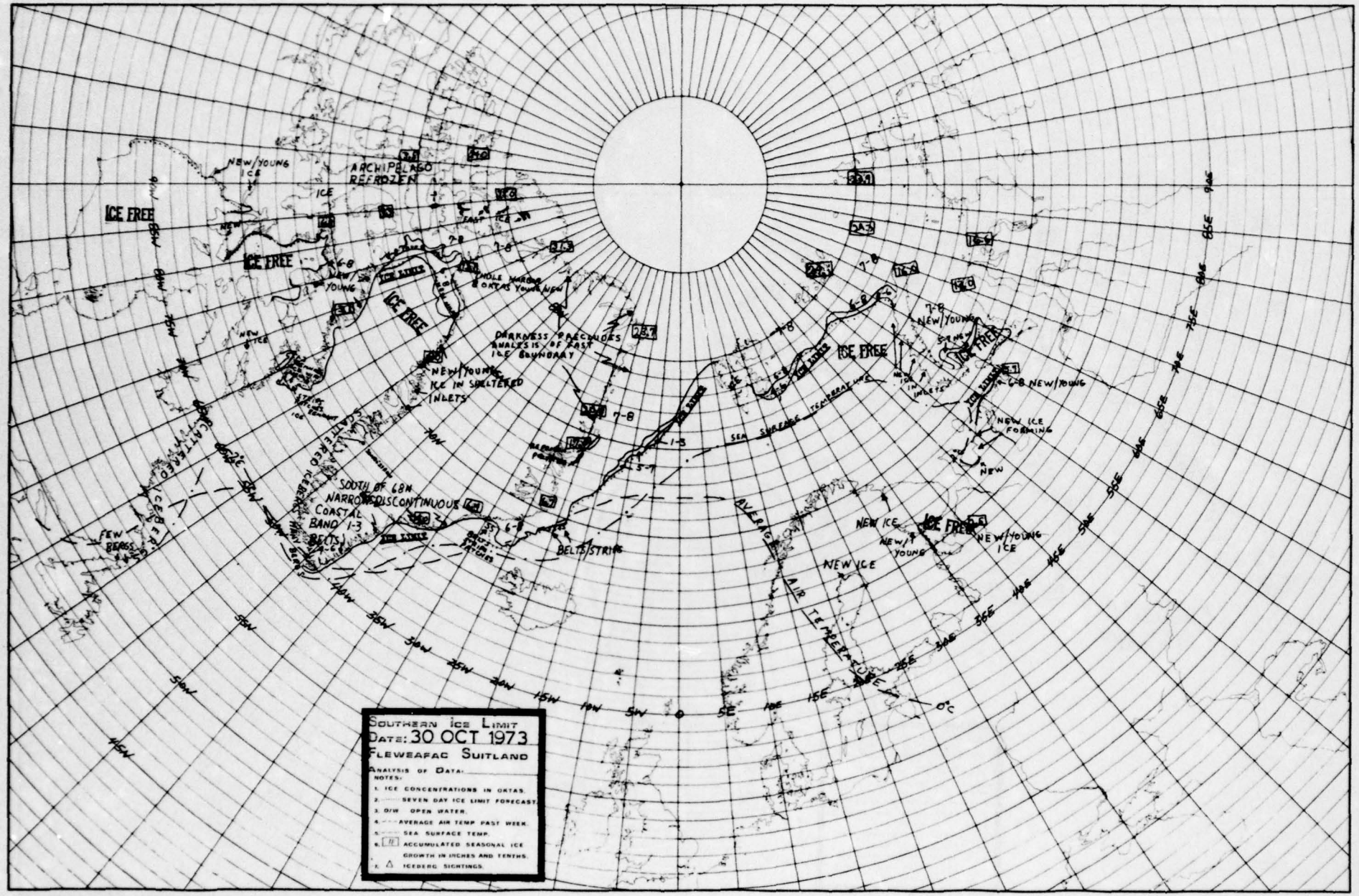


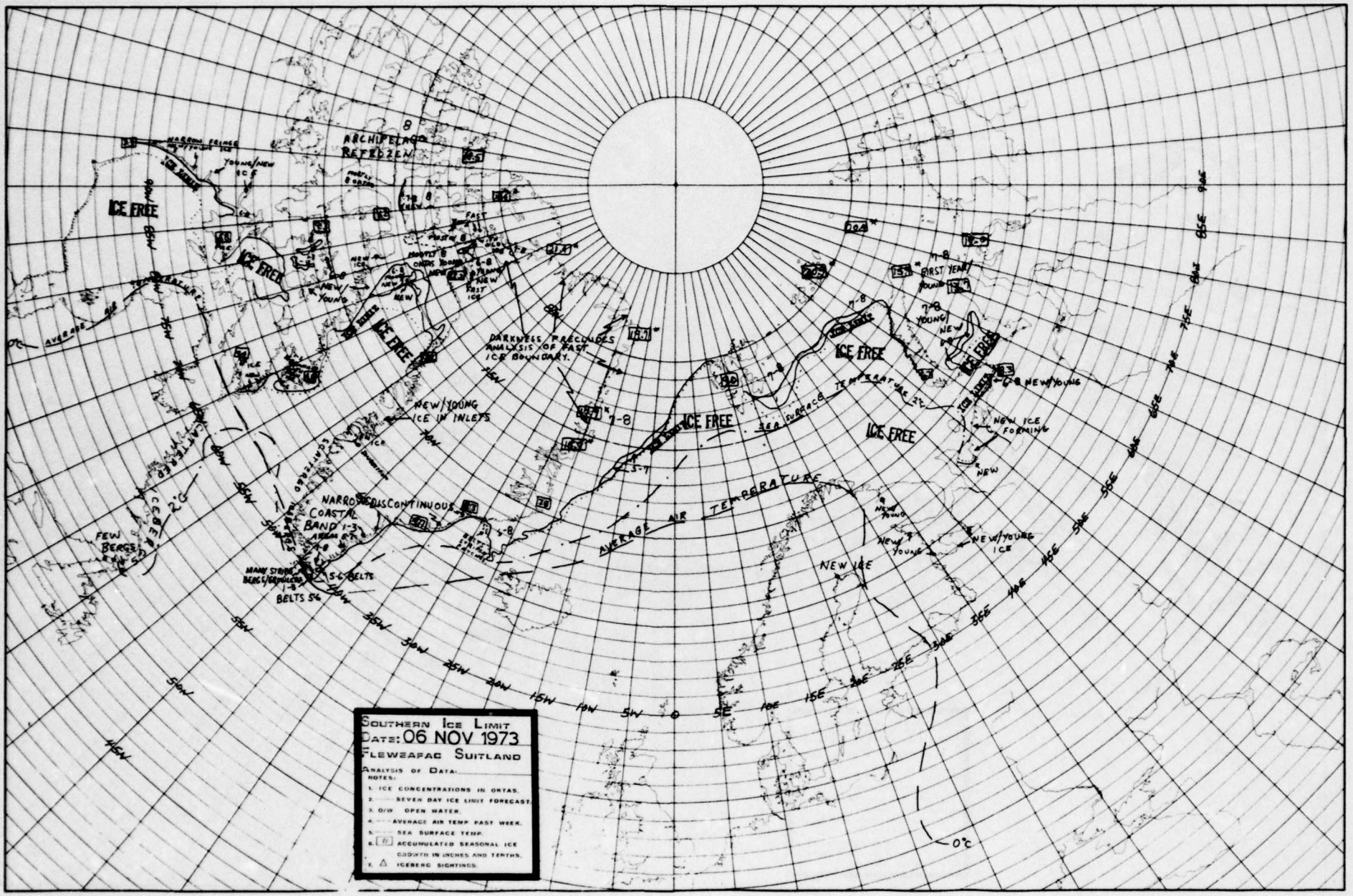


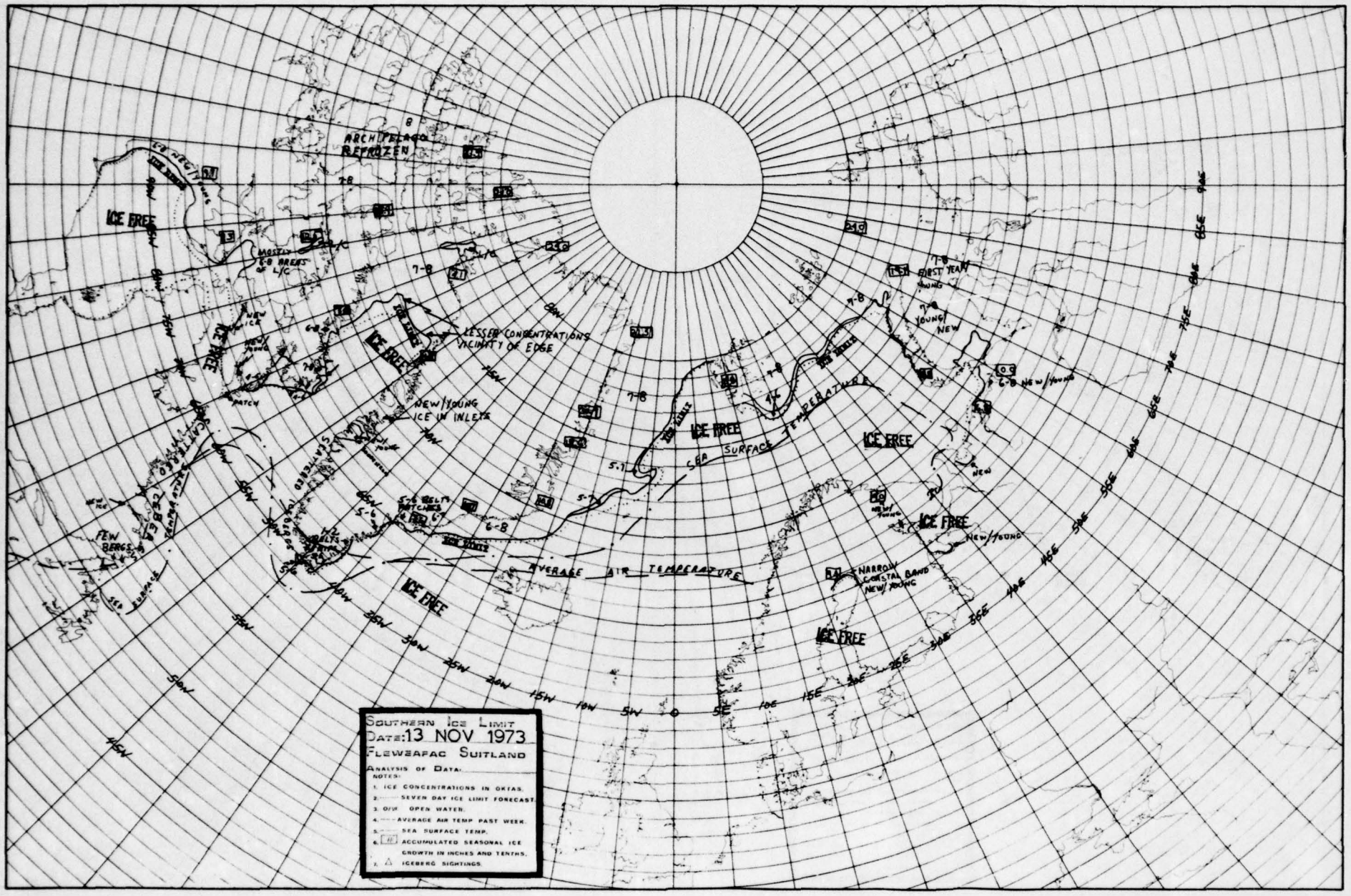
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963

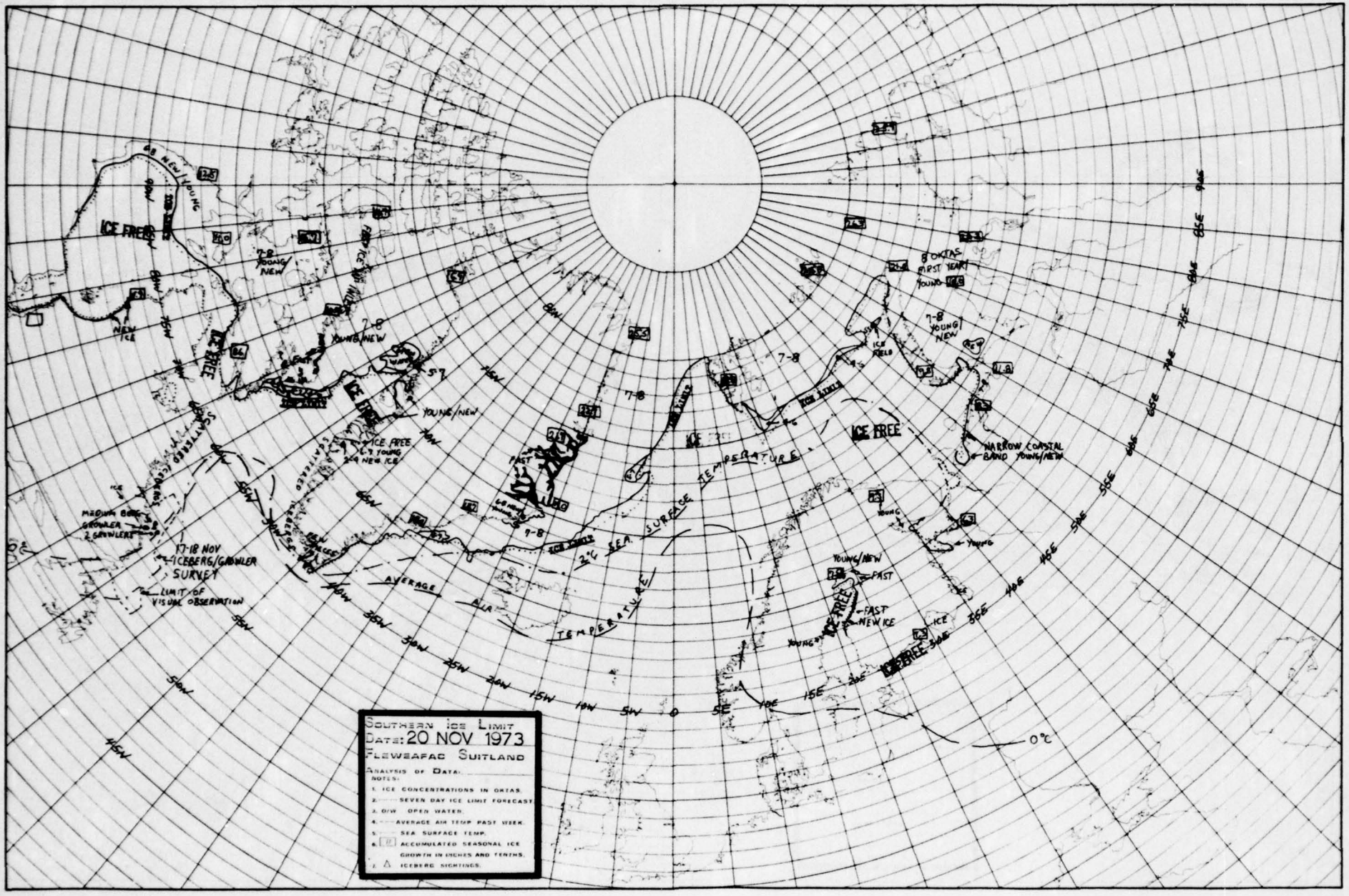

SOUTHERN ICE LIMIT
DATE: 16 OCT 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. [11] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
ARCHIPELAGO REFROZEN
ICE
O/W
NEW ICE ALONG COAST
STRIPS/PATCHES
DARKNESS PREVENTED ANALYSIS OF FAST ICE BOUNDARY
NEW/YOUNG ICE FORMED
CONTINUED DISINTEGRATION REMNANT ICE
BELTS/STRIPS
OLD ICE
MOSTLY YOUNG
NEW/YOUNG ICE
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
SCATTERED ICE BERGS
12-18 OCT 1973 SPAL ICE BERG
0°C
2°C
0°C

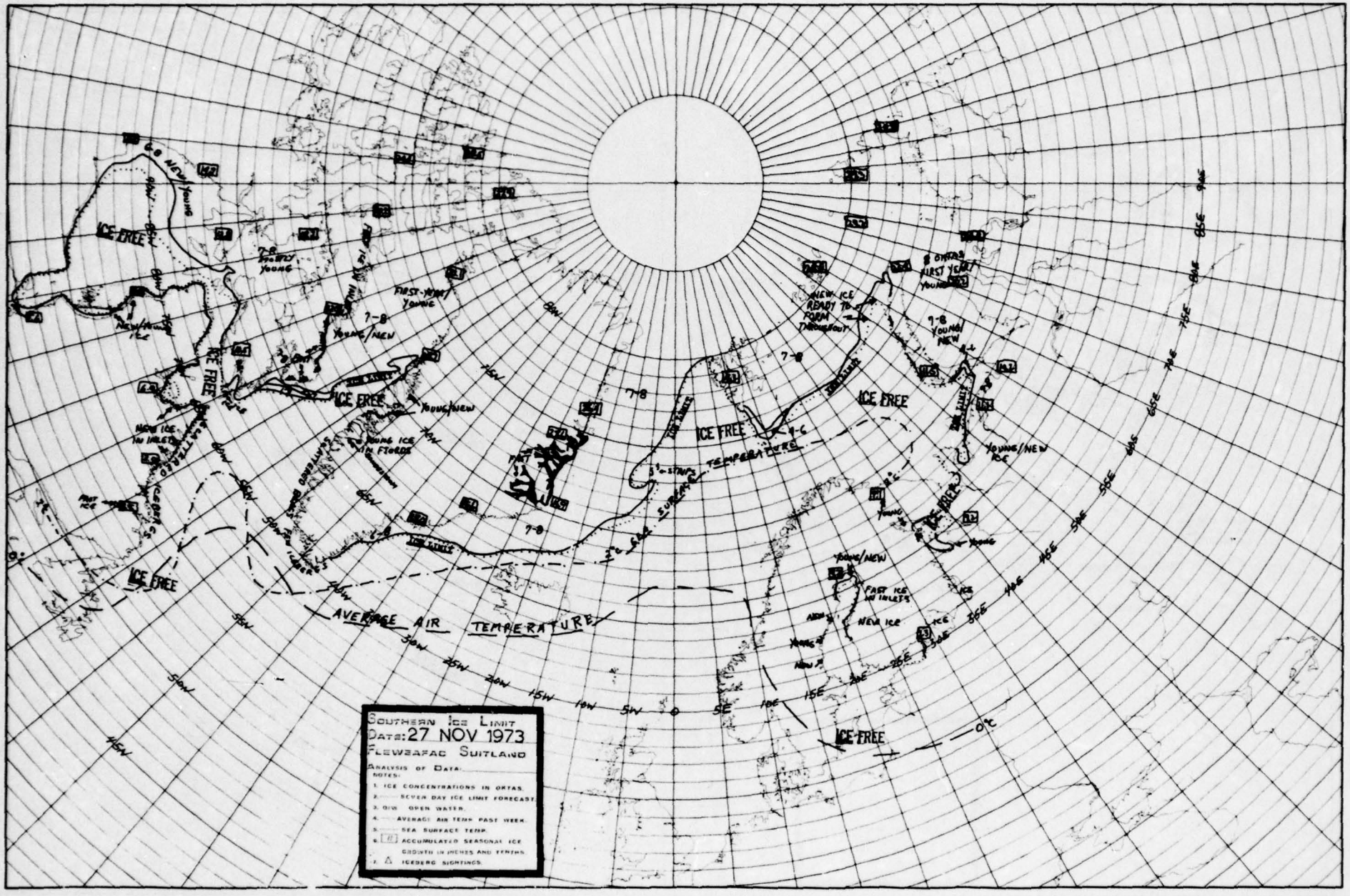

SOUTHERN ICE LIMIT
DATE: 23 OCT 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. [ ] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ARCHIPELAGO REFROZEN
NEW ICE
ICE
OPEN WATER
NEW ICE IN SHELTERED INLETS
FAST ICE
NEW/YOUNG
DARKNESS PRECLUDES ANALYSIS OF FAST ICE BOUNDARY
NEW/YOUNG ICE IN SHELTERED INLETS
SEA SURFACE TEMPERATURE
NEW ICE FORMING COASTAL INLETS
NEW ICE
NEW ICE FORMING
BELTS/STRIPS
SCATTERED ICEBERGS
SCATTERED ICEBERGS
SMALL BERGS
MEDIUM BERGS
AREA VISUALLY OBSERVED ON ICEBERG SURVEY 18 OCTOBER
AVERAGE AIR TEMPERATURE
0°C

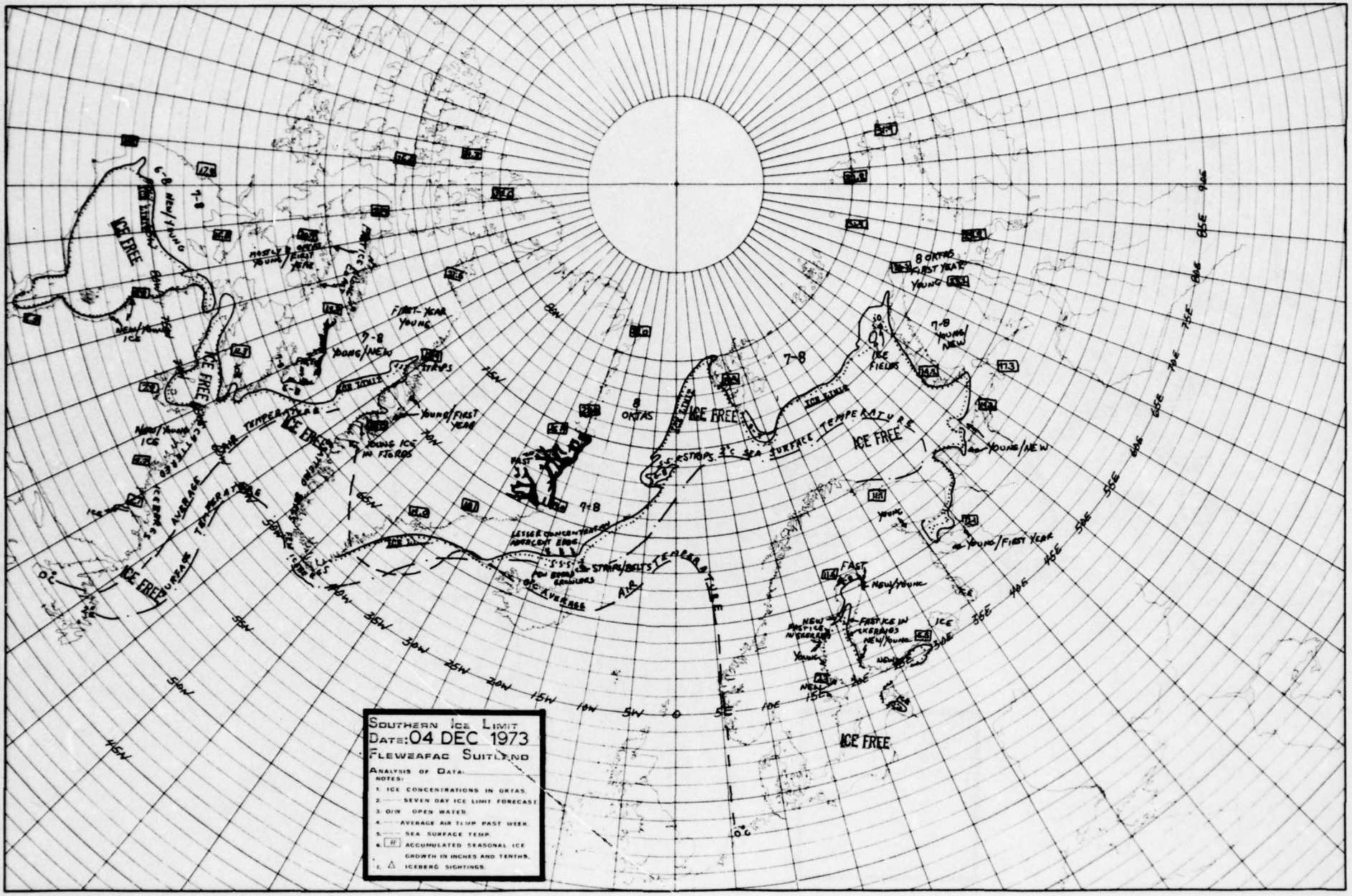

SOUTHERN ICE LIMIT
DATE: 30 OCT 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ARCHIPELAGO REFROZEN
NEW/YOUNG ICE
NEW ICE
ICE EDGE
ICE STRIKE
DARKNESS PRECLUDES ANALYSIS OF FAST ICE BOUNDARY
NEW/YOUNG ICE IN SHELTERED INLETS
SOUTH OF 68N NARROW DISCONTINUOUS COASTAL BAND 1-3 BELTS 4-6
BELTS/STRIPS
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
NEW ICE FORMING
FEW BERGS
SCATTERED ICEBERGS
0°C

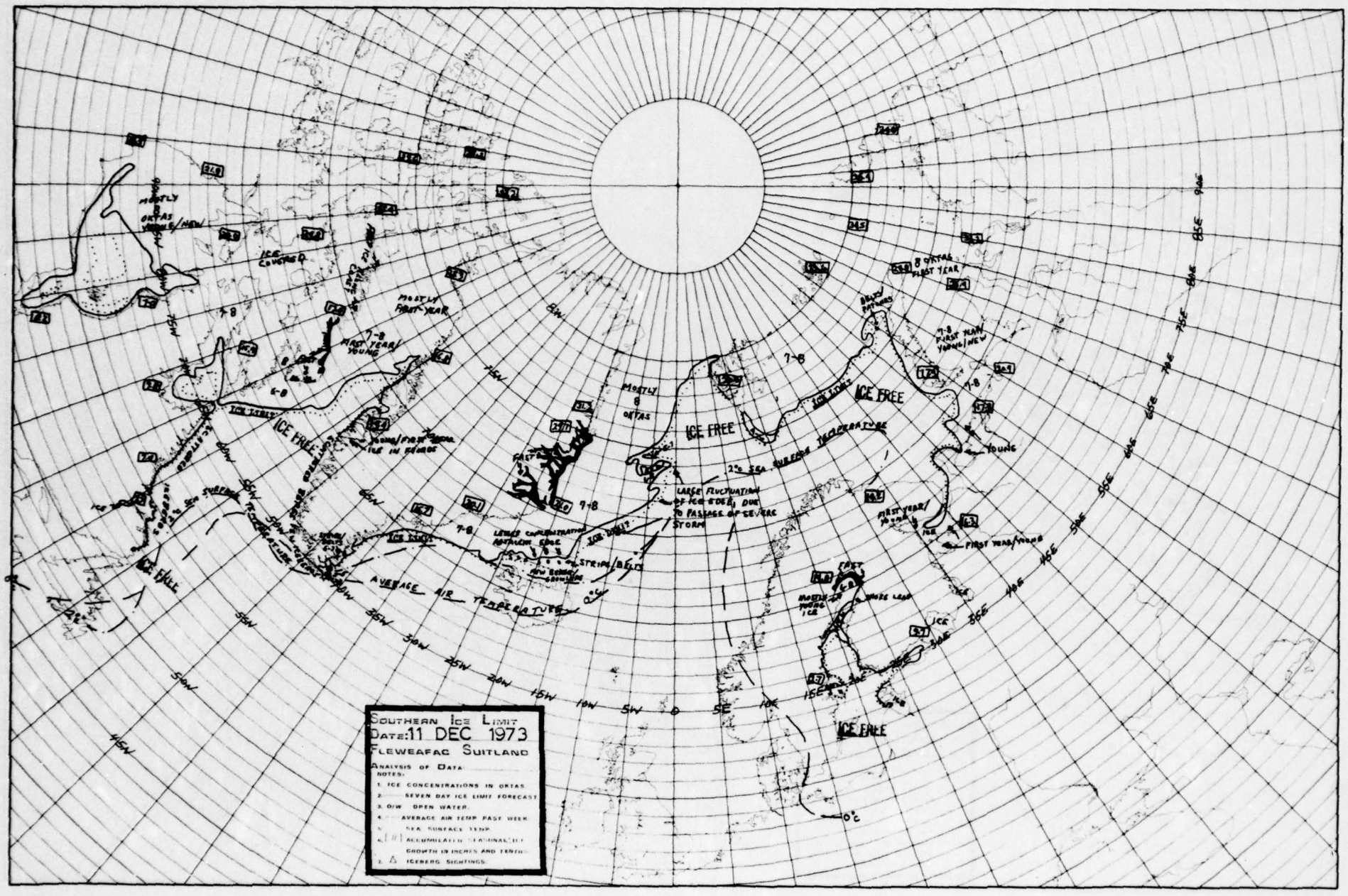

SOUTHERN ICE LIMIT
DATE: 06 NOV 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ARCHIPELAGO REFREEZE
NARROW FRINGE OF YOUNG ICE
YOUNG/NEW ICE
NEW/YOUNG
NEW/YOUNG ICE IN INLETS
DARKNESS PRECLUDES ANALYSIS OF FAST ICE BOUNDARY.
NARROW DISCONTINUOUS COASTAL BAND 1-3
MANY STRIPS BERG/GROWLERS 1-8
BELTS 5-6
BELTS 5-6
FEW BERGS
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
NEW ICE
NEW ICE FORMING
NEW/YOUNG ICE
FIRST YEAR
YOUNG/NEW
0°C
2°C

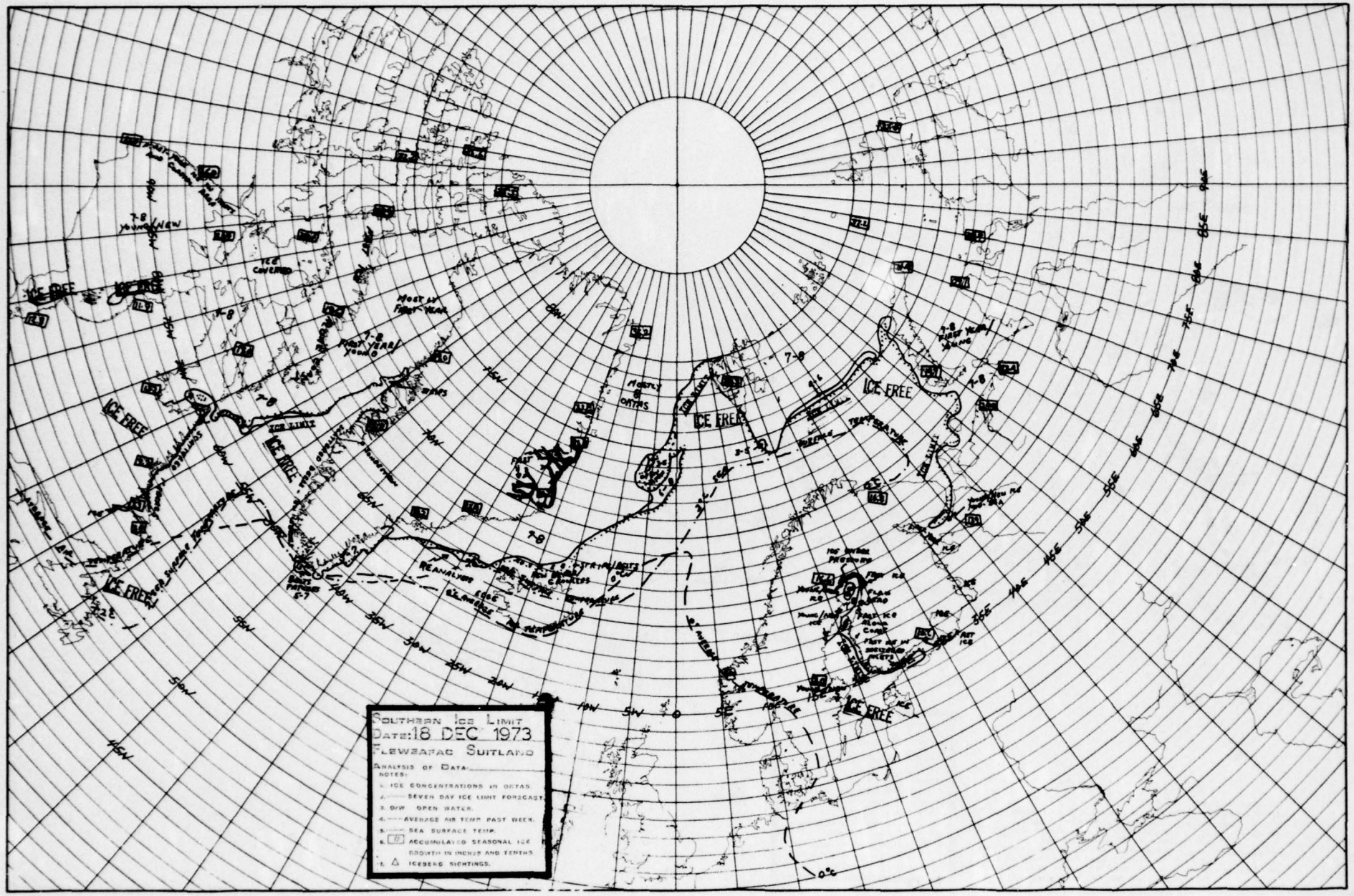

ARCHIPELAGO REFROZEN
ICE FREE
MOSTLY 6-8 AREAS OF L/C
LESSER CONCENTRATIONS VICINITY OF EDGE
NEW/YOUNG ICE IN INLETS
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
FIRST YEAR YOUNG
YOUNG/NEW
NEW/YOUNG
NARROW COASTAL BAND NEW/YOUNG
FEW BERGS
SEA SURFACE
SOUTHERN ICE LIMIT
DATE: 13 NOV 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.

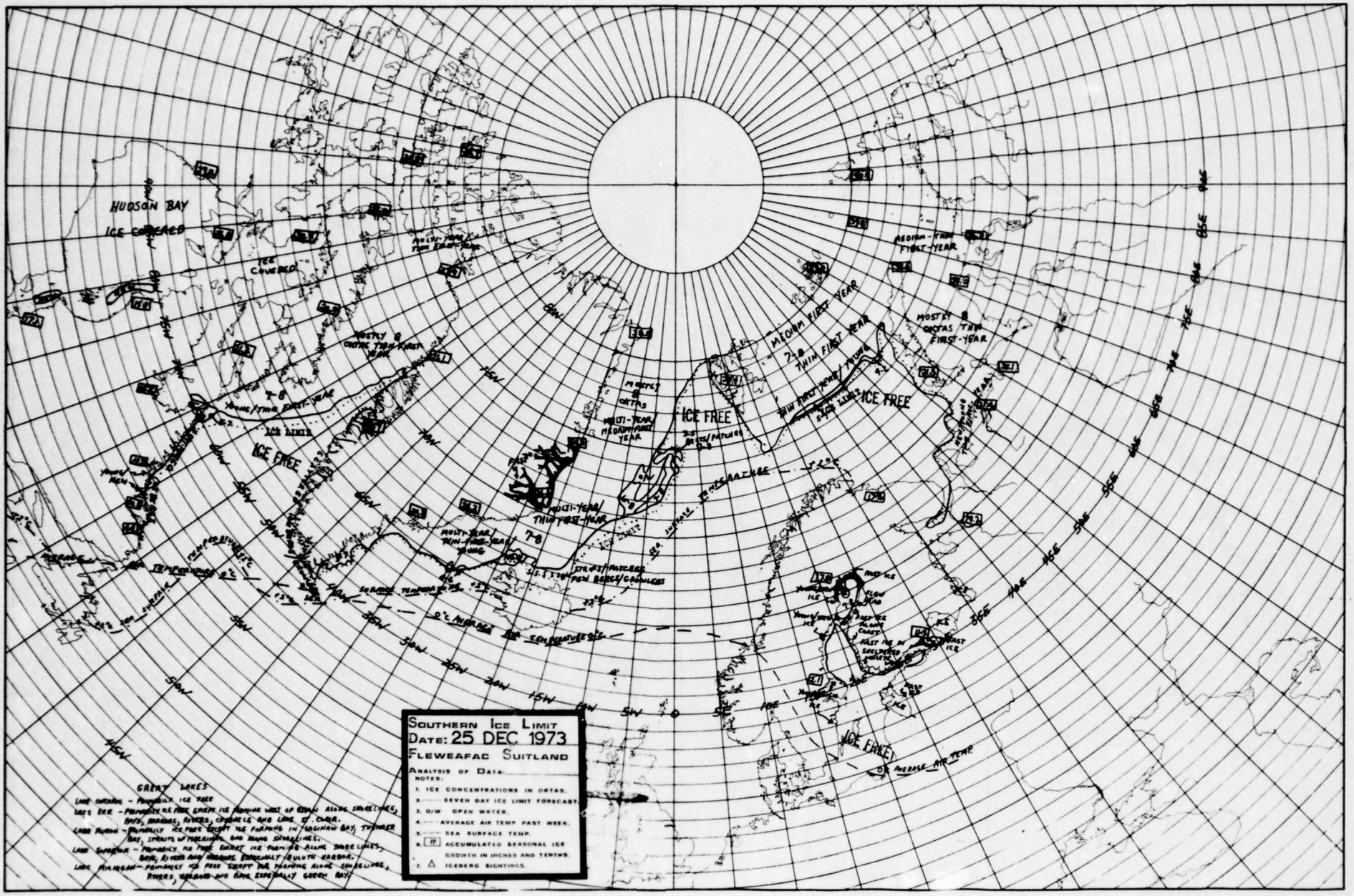

SOUTHERN ICE LIMIT
DATE: 20 NOV 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
NEW/YOUNG
NEW ICE
7-8 YOUNG/NEW
YOUNG/NEW
ICE FREE 1-7 YOUNG 2-9 NEW ICE
8 OKTAS FIRST YEAR YOUNG
ICE FIELD
NARROW COASTAL BAND YOUNG/NEW
FAST
FAST NEW ICE
YOUNG
ICE
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
17-18 NOV ICEBERG/GROWLER SURVEY
LIMIT OF VISUAL OBSERVATION
0°C

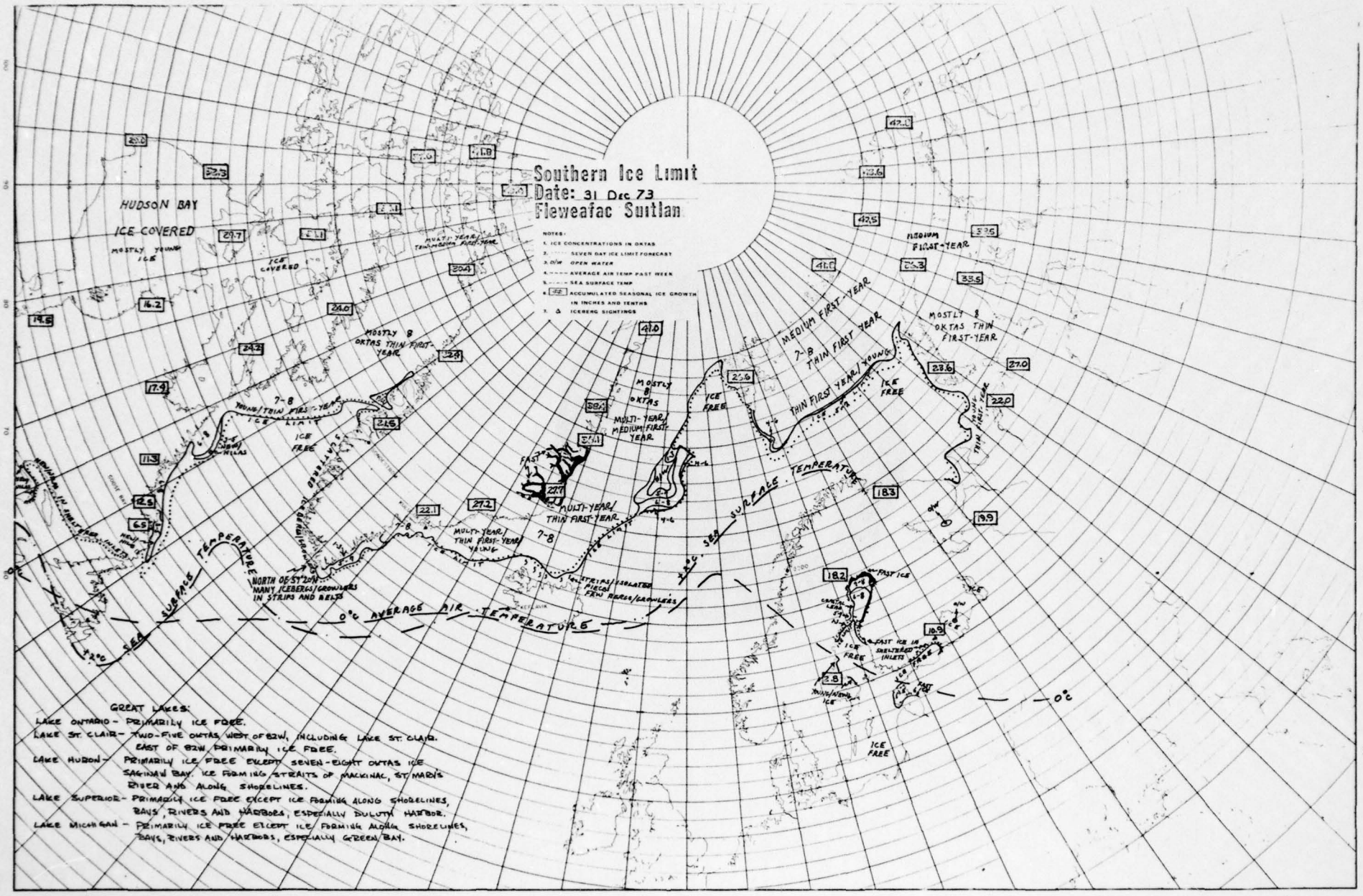

SOUTHERN ICE LIMIT
DATE: 27 NOV 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
AVERAGE AIR TEMPERATURE
SURFACE TEMPERATURE
NEW ICE READY TO FORM THROUGHOUT
FIRST-YEAR YOUNG
YOUNG/NEW
NEW ICE IN INLETS
YOUNG ICE IN FIORDS
FAST ICE IN INLETS
NEW ICE
0°C


SOUTHERN ICE LIMIT
DATE: 04 DEC 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
7-8
8 OKTAS
FIRST-YEAR YOUNG
YOUNG/NEW
YOUNG/FIRST YEAR
YOUNG ICE IN FJORDS
NEW/YOUNG ICE
ICE FIELDS
FAST ICE
NEW/YOUNG
NEW ICE
0°C
0°C AVERAGE
AIR TEMPERATURE
SEA SURFACE TEMPERATURE
ICE EDGE
ICE BELT
ICEBERG
5S
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 11 DEC 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS.
ICE FREE
MOSTLY 8 OKTAS
ICE CONTROL
MOSTLY FIRST YEAR
FIRST YEAR/ YOUNG
YOUNG/FIRST YEAR ICE IN FJORDS
ICE STRIPS
LARGE CONCENTRATION ALONG EDGE
STRIPS/BELTS
AVERAGE AIR TEMPERATURE
2°C SEA SURFACE TEMPERATURE
LARGE FLUCTUATION OF ICE EDGE DUE TO PASSAGE OF SEVERE STORM
FIRST YEAR/ YOUNG ICE
FIRST YEAR/YOUNG
YOUNG
FAST
0°C


SOUTHERN ICE LIMIT
DATE: 18 DEC 1973
FLEWEAPAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W - OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
MOSTLY 8 OKTAS
FIRST YEAR YOUNG
ICE COVERED
ICE SEASONAL PROGRESS
FLAW ICE
FAST ICE
PACK ICE
ICE BREAKS
ICE CHANGES
REANALYSIS
EDGE
ICEBERGS
SEA SURFACE TEMP
ICE SEASONAL PROGRESS
FAST ICE
PACK ICE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 25 DEC 1973
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN ORTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
HUDSON BAY
ICE COVERED
ICE FREE
ICE FREE
ICE FREE
ICE FREE
MOSTLY 8 ORTAS THIN FIRST-YEAR
MEDIUM-THICK FIRST-YEAR
MEDIUM FIRST YEAR
THIN FIRST YEAR
MULTI-YEAR/THIN FIRST-YEAR
MULTI-YEAR/MEDIUM FIRST YEAR
MULTI-YEAR/THIN FIRST-YEAR
GREAT LAKES
LAKE ONTARIO - PROBABLY ICE FREE
LAKE ERIE - PROBABLY ICE FREE EXCEPT ICE FORMING WEST OF ERIE ALONG SHORELINES, BAYS, HARBORS, RIVERS, CONNEAUT AND LAKE ST. CLAIR.
LAKE HURON - PROBABLY ICE FREE EXCEPT ICE FORMING IN SAGINAW BAY, THUNDER BAY, STRAITS OF MACKINAC AND ALONG SHORELINES.
LAKE SUPERIOR - PROBABLY ICE FREE EXCEPT ICE FORMING ALONG SHORELINES, BAYS, RIVERS AND HARBORS, ESPECIALLY DULUTH HARBOR.
LAKE MICHIGAN - PROBABLY ICE FREE EXCEPT ICE FORMING ALONG SHORELINES, RIVERS, HARBORS AND BAYS, ESPECIALLY GREEN BAY.



GREAT LAKES:

LAKE ONTARIO - PRIMARILY ICE FREE.

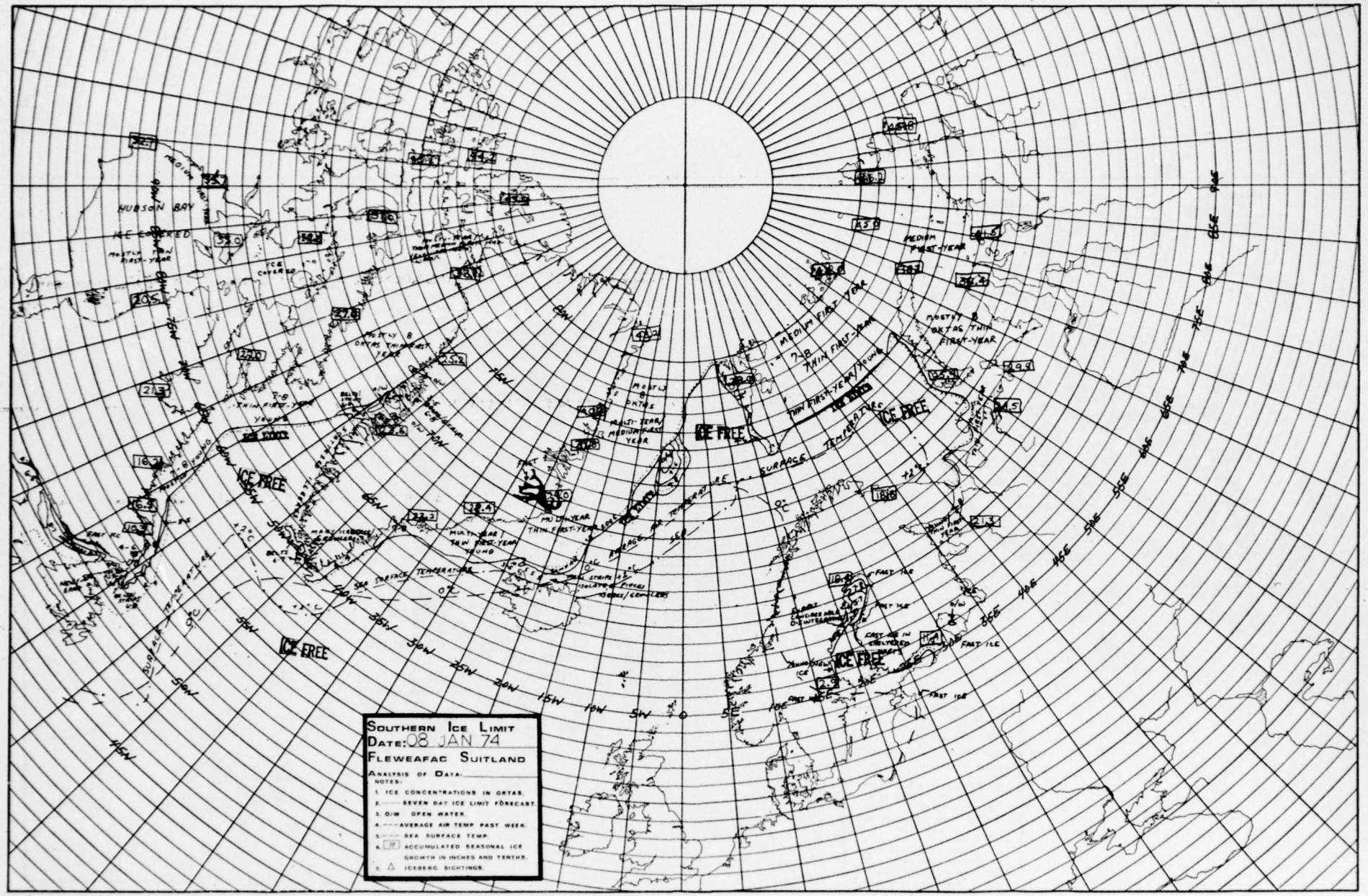
LAKE ST. CLAIR - TWO-FIVE OKTAS WEST OF 82W, INCLUDING LAKE ST. CLAIR. EAST OF 82W PRIMARILY ICE FREE.

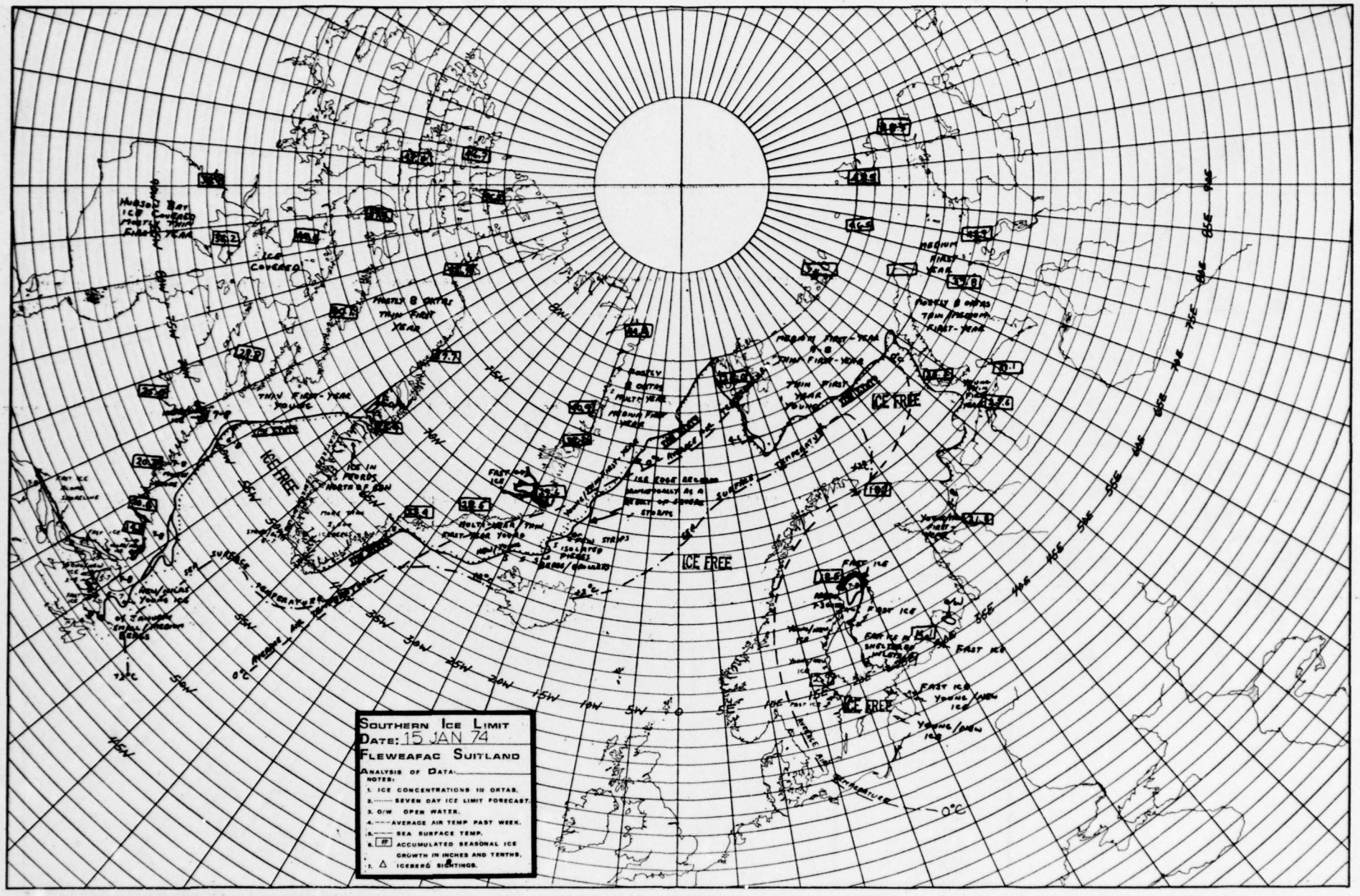
LAKE HURON - PRIMARILY ICE FREE EXCEPT SEVEN-EIGHT OKTAS ICE SAGINAW BAY. ICE FORMING STRAITS OF MACKINAC, ST. MARY'S RIVER AND ALONG SHORELINES.

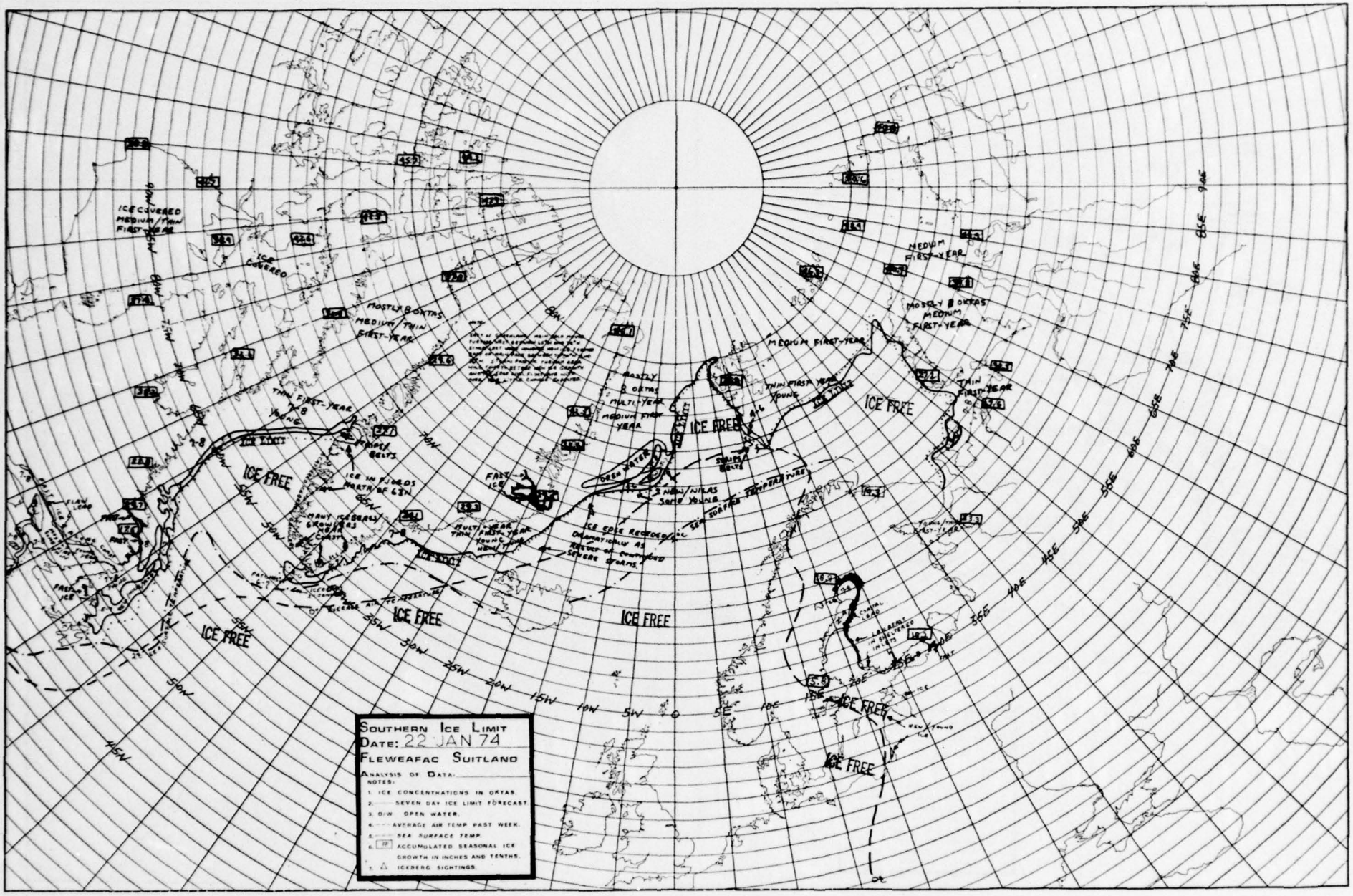
LAKE SUPERIOR - PRIMARILY ICE FREE EXCEPT ICE FORMING ALONG SHORELINES, BAYS, RIVERS AND HARBORS, ESPECIALLY DULUTH HARBOR.

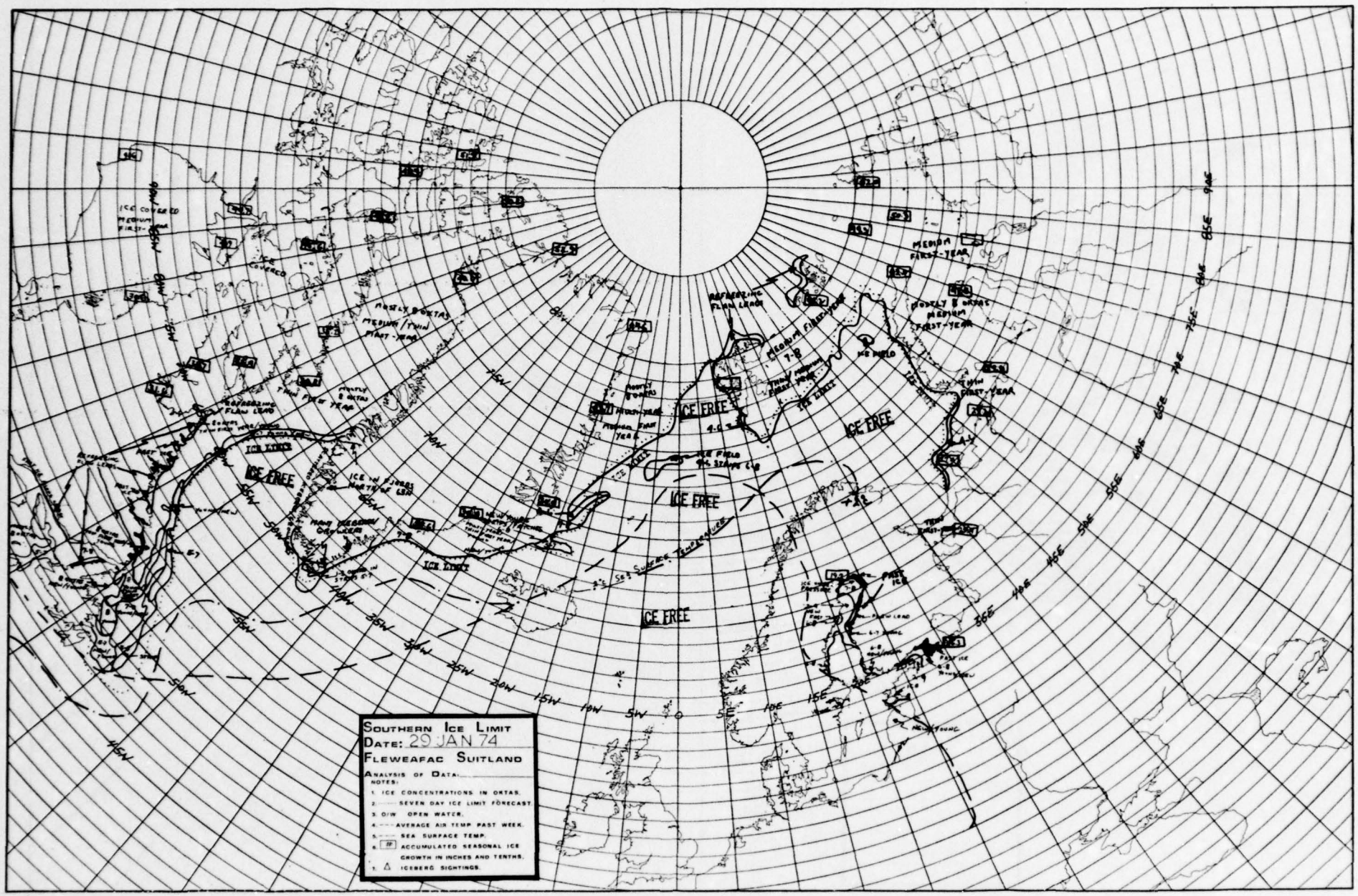
LAKE MICHIGAN - PRIMARILY ICE FREE EXCEPT ICE FORMING ALONG SHORELINES, BAYS, RIVERS AND HARBORS, ESPECIALLY GREEN BAY.

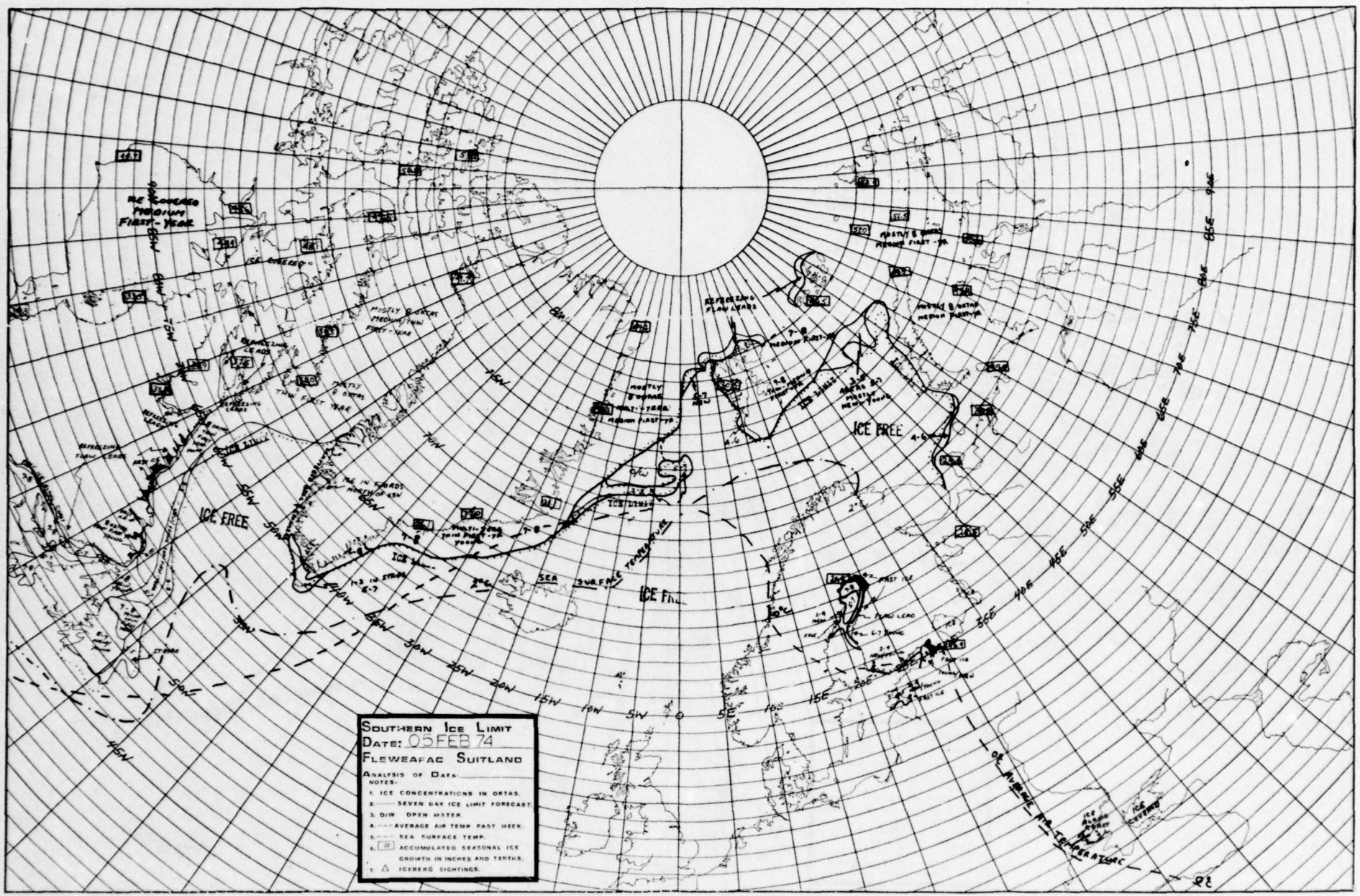
GLOBAL SERVICE
FLEET WEATHER FACILITY - SUITLAND

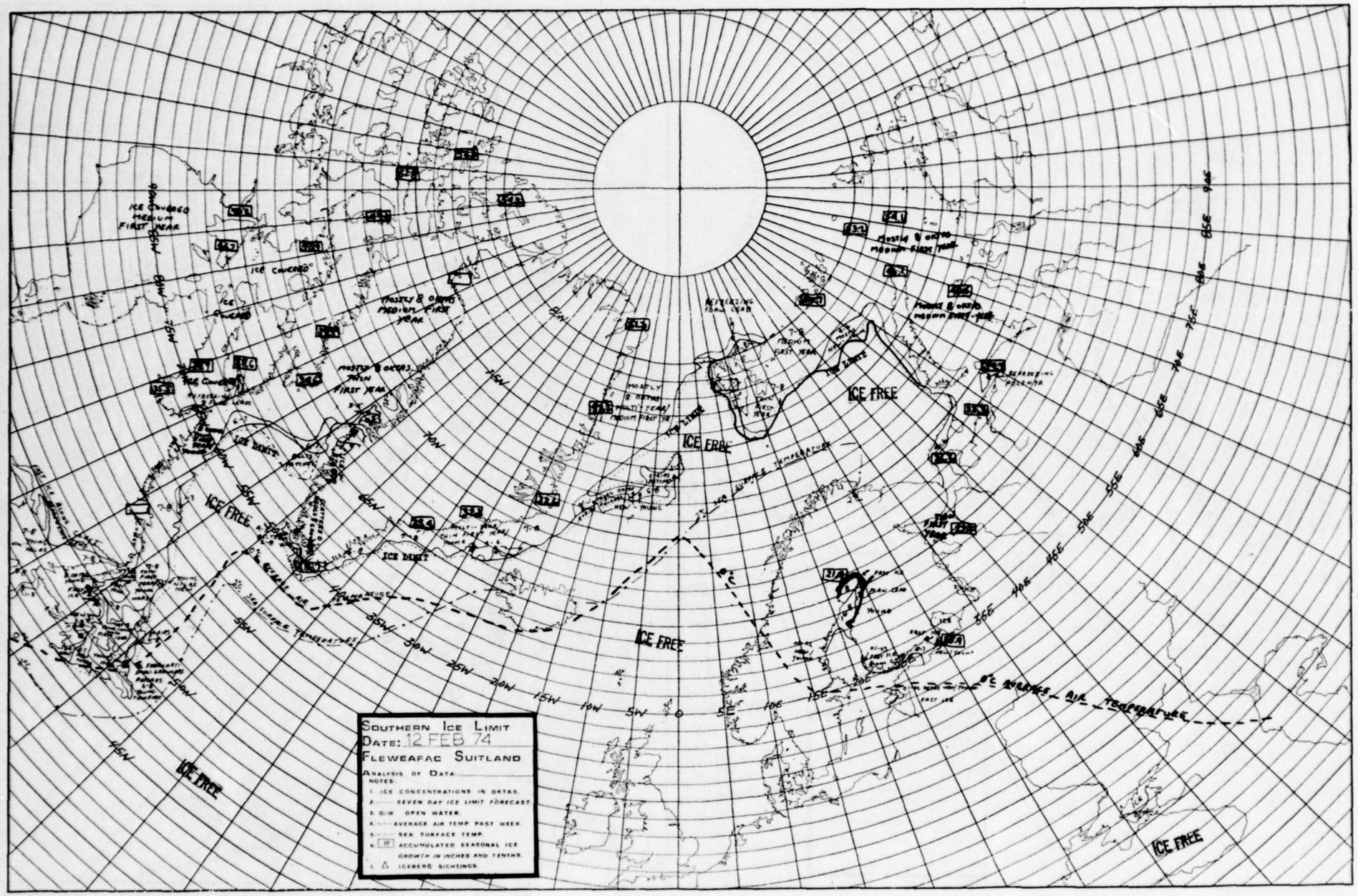

SOUTHERN ICE LIMIT
DATE: 08 JAN 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
HUDSON BAY
ICE COVERED
ICE FREE
MEDIUM FIRST-YEAR
THIN FIRST-YEAR/YOUNG
SURFACE TEMPERATURE
FAST ICE

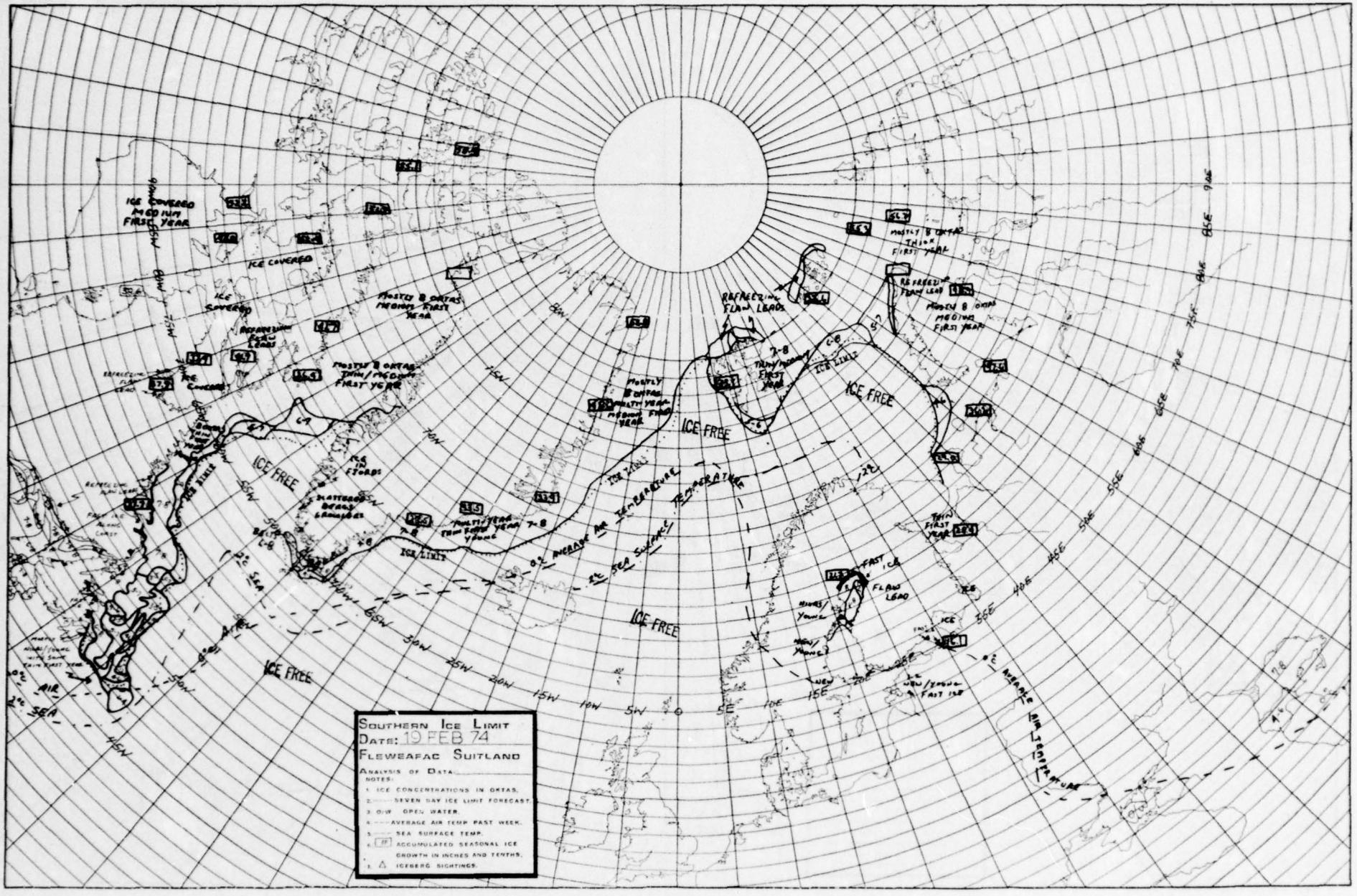

SOUTHERN ICE LIMIT
DATE: 15 JAN 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FAST ICE
FAST ICE
FAST ICE
FAST ICE
YOUNG/NEW ICE
YOUNG/OPEN ICE
MEDIUM FIRST YEAR
MOSTLY 8 OKTAS THIN FIRST YEAR
THIN FIRST-YEAR YOUNG
ICE COVERED
ICE IN FJORDS NORTH OF 60N
ICE EDGE BELOW HYDROGRAPHICALLY AS A RESULT OF SOUTHERLY STRUTS
ISOLATED PIEBALD
0°C

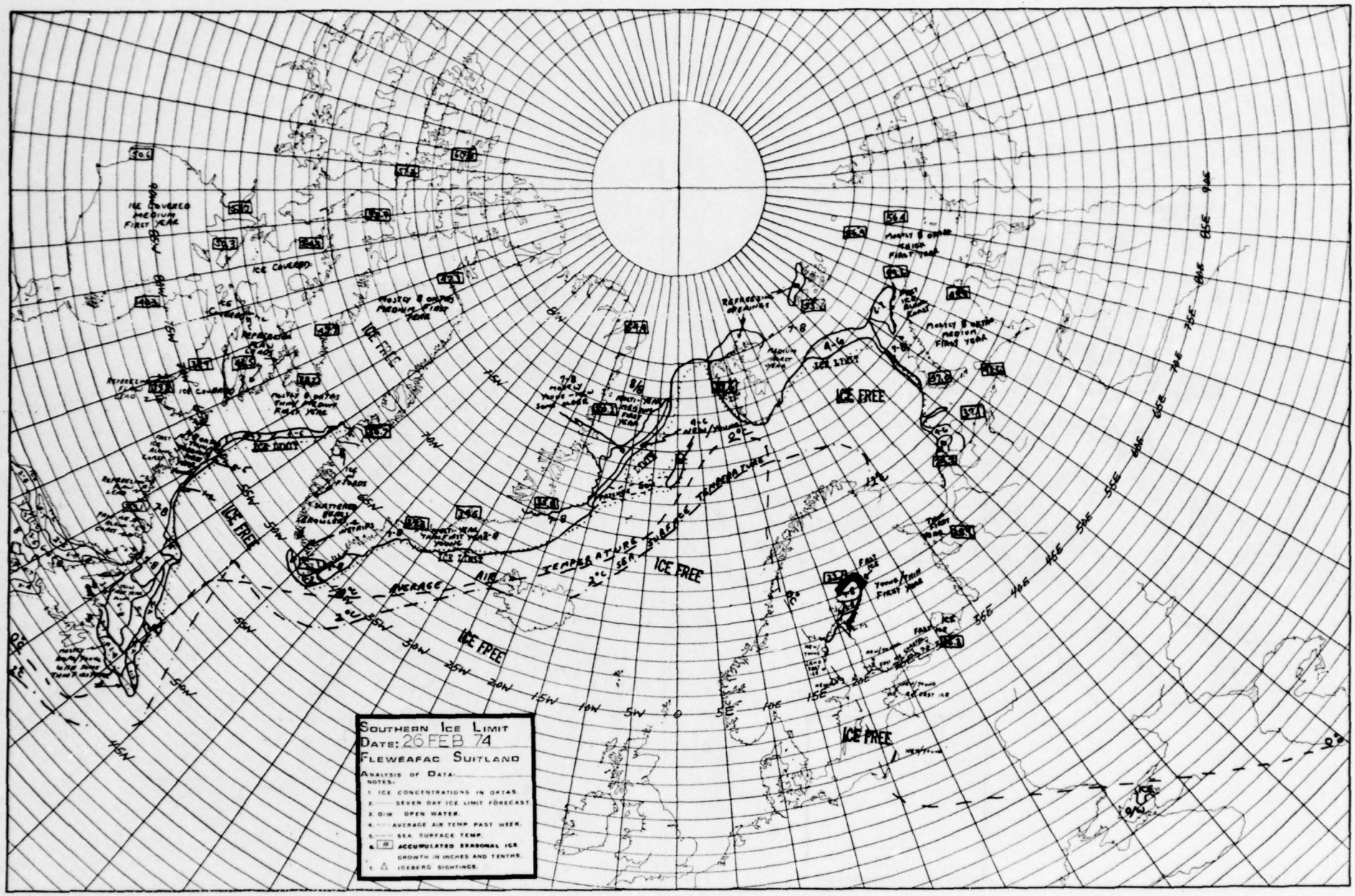

SOUTHERN ICE LIMIT
DATE: 22 JAN 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE COVERED MEDIUM/THIN FIRST-YEAR
ICE COVERED
MOSTLY 8 OKTAS MEDIUM THIN FIRST-YEAR
THIN FIRST-YEAR
MEDIUM FIRST-YEAR
MOSTLY 8 OKTAS MEDIUM FIRST-YEAR
THIN FIRST-YEAR
MOSTLY 8 OKTAS MULTI-YEAR MEDIUM FIRST YEAR
ICE IN FJORDS NORTH OF 63N
MANY ICEBERGS GROUNDED ON COAST
ICE EDGE REMOVED DRAMATICALLY AS RESULT OF CONTINUED SEVERE GALES
FAST ICE
LABRADOR IS DELIVERED IN LEAD

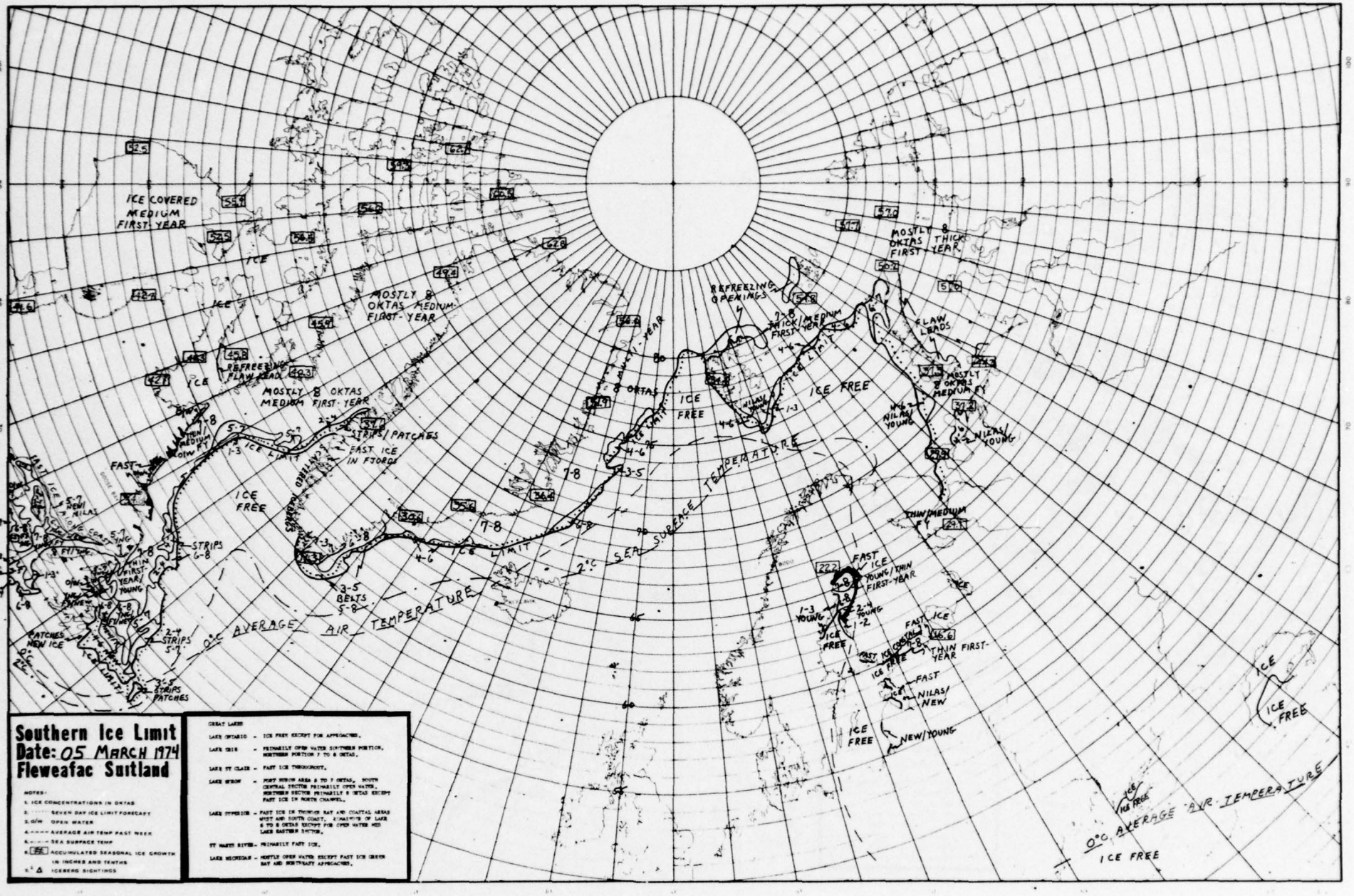

SOUTHERN ICE LIMIT
DATE: 29 JAN 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. —— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE

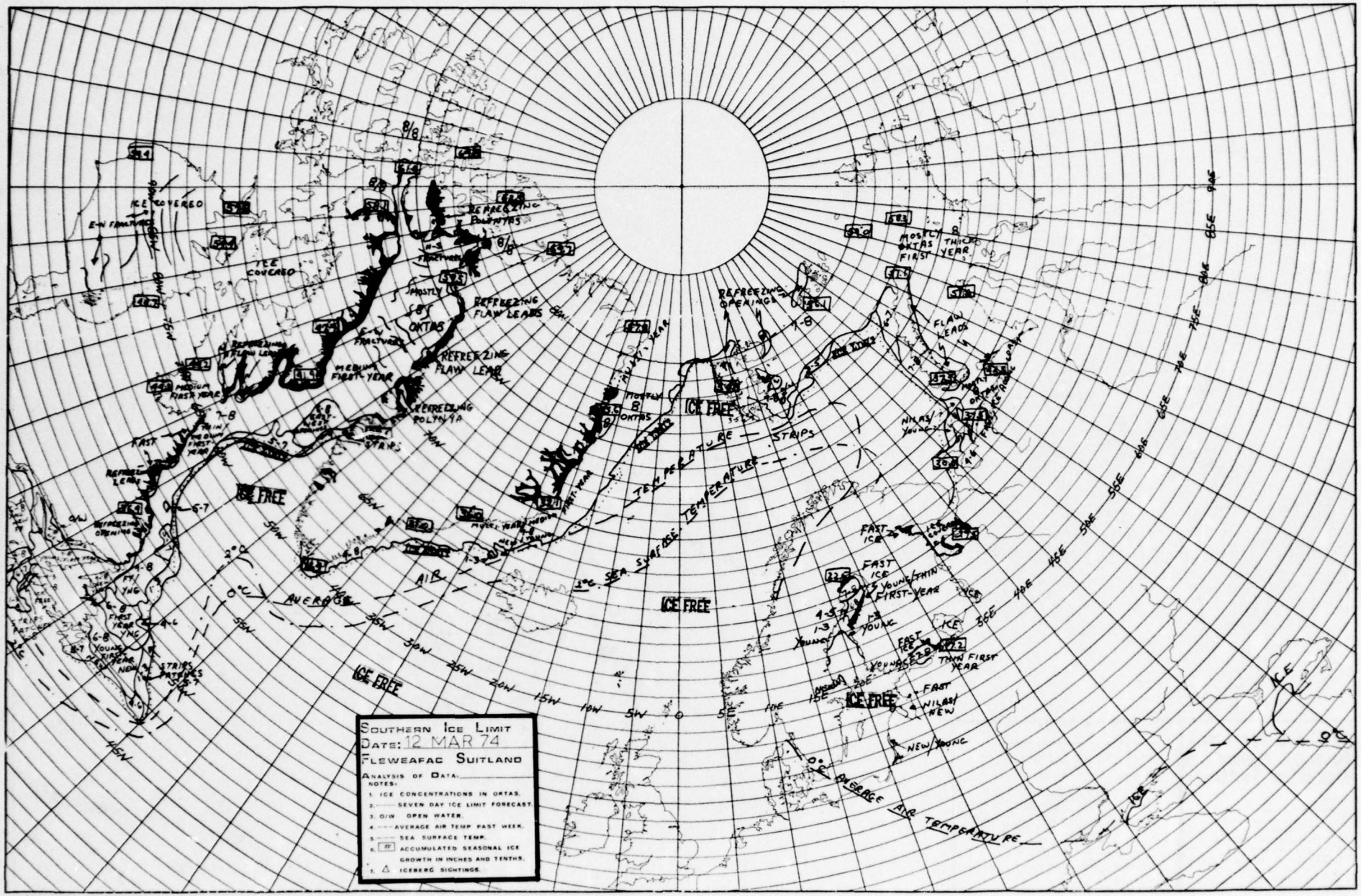

SOUTHERN ICE LIMIT
DATE: 05FEB 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FILL
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
ICE COVERED
FAST ICE
FAST ICE
FAST ICE
ICE COVERED

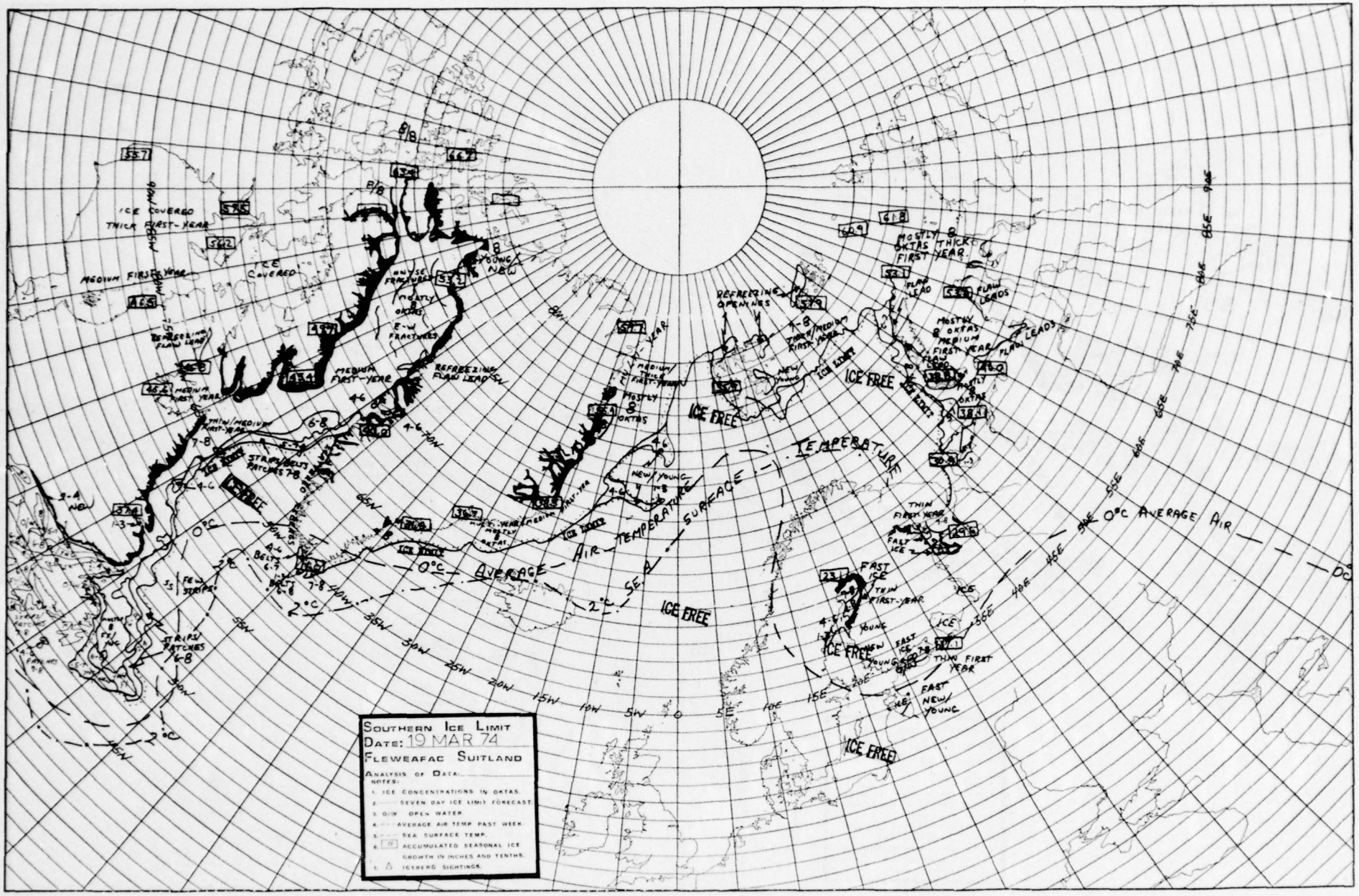

SOUTHERN ICE LIMIT
DATE: 12 FEB 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE DRIFT
ICE COVERED
MEDIUM FIRST YEAR
MOSTLY 8 OKTAS
THIN FIRST YEAR
NEFREEZING FOAM LEAD
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
0°C
70N
65N
60N
55N
50N
45N
40N
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E

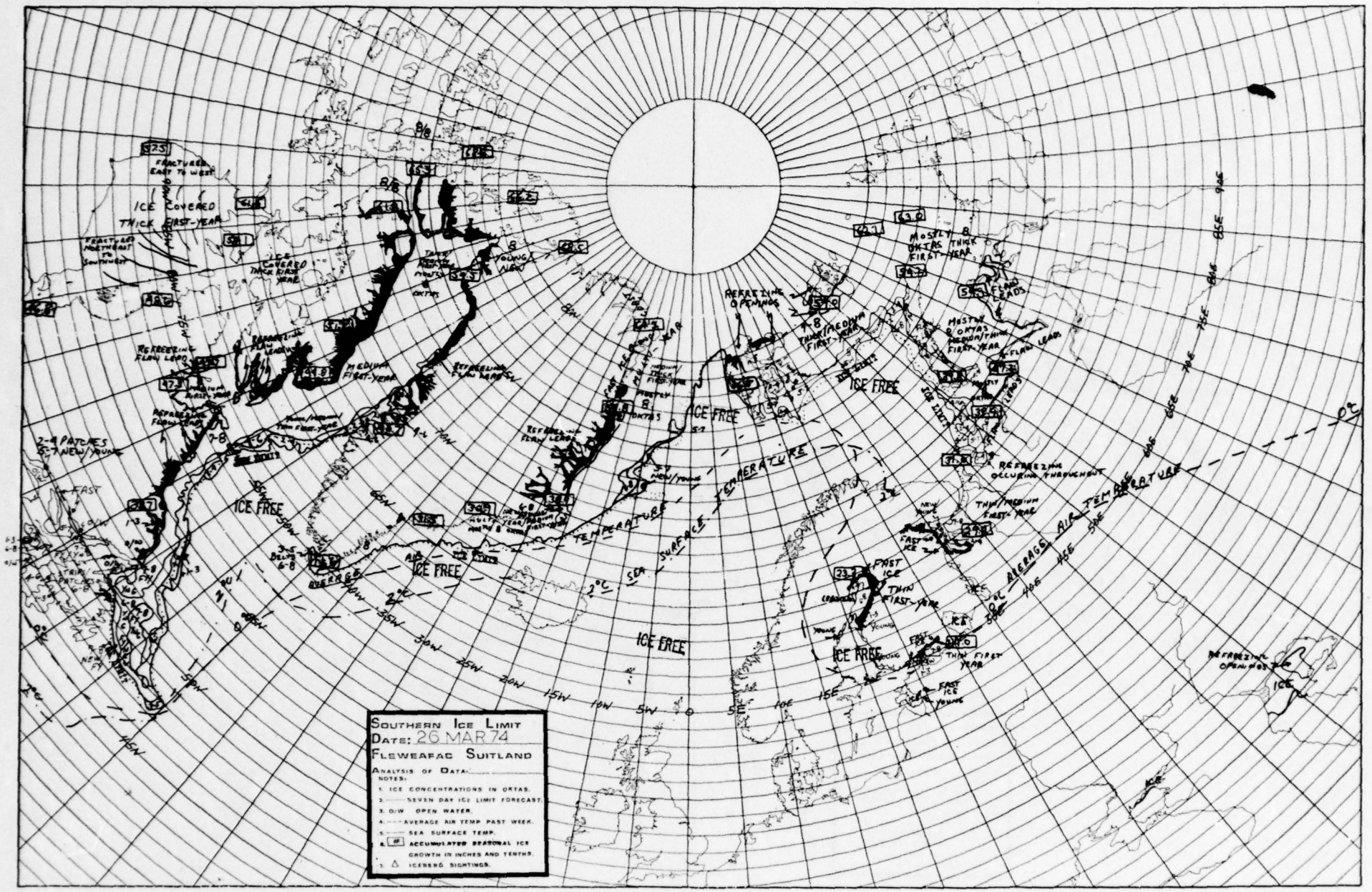

SOUTHERN ICE LIMIT
DATE: 19 FEB 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE COVERED
ICE LIMIT
FAST ICE
FLAW LEAD
REFREEZING FLAW LEADS
MOSTLY 8 OKTAS MEDIUM FIRST YEAR
MOSTLY 8 OKTAS THICK FIRST YEAR
MOSTLY 8 OKTAS THIN/MEDIUM FIRST YEAR
MULTI-YEAR THIN FIRST YEAR
ICE IN FJORDS
SCATTERED BROKEN GROWLERS
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
0°C
2°C
4°C

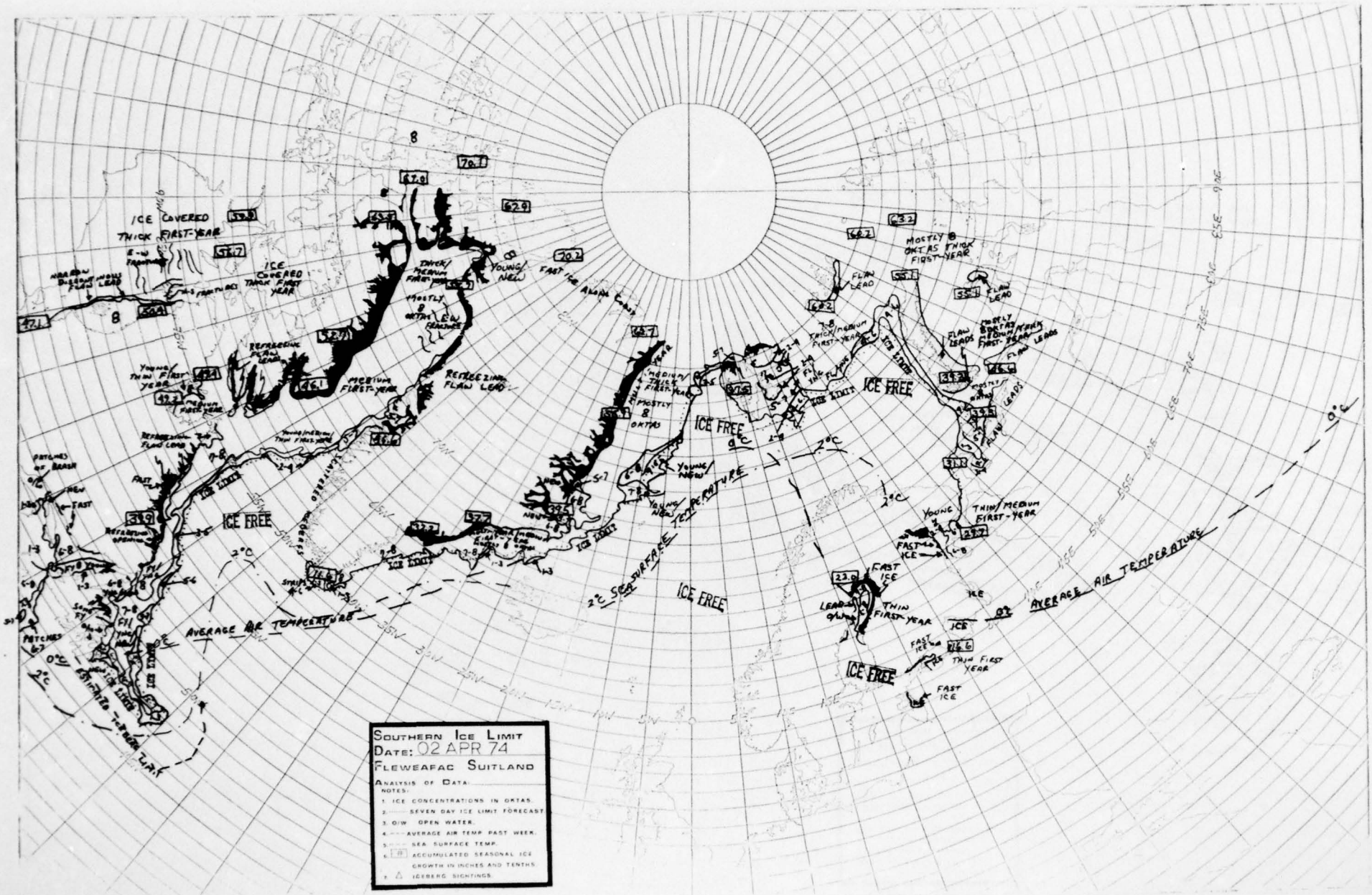

SOUTHERN ICE LIMIT
DATE: 26 FEB 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
ICE COVERED MEDIUM FIRST YEAR
ICE COVERED
MOSTLY 8 OKTAS MEDIUM FIRST YEAR
REFREEZING OPEN WATER
MEDIUM FIRST YEAR
ICE LIMIT
AIR TEMPERATURE
SEA SURFACE TEMPERATURE
AVERAGE
FAST ICE
YOUNG/THIN FIRST YEAR
MOSTLY 8 OKTAS MEDIUM FIRST YEAR
ICE FREE

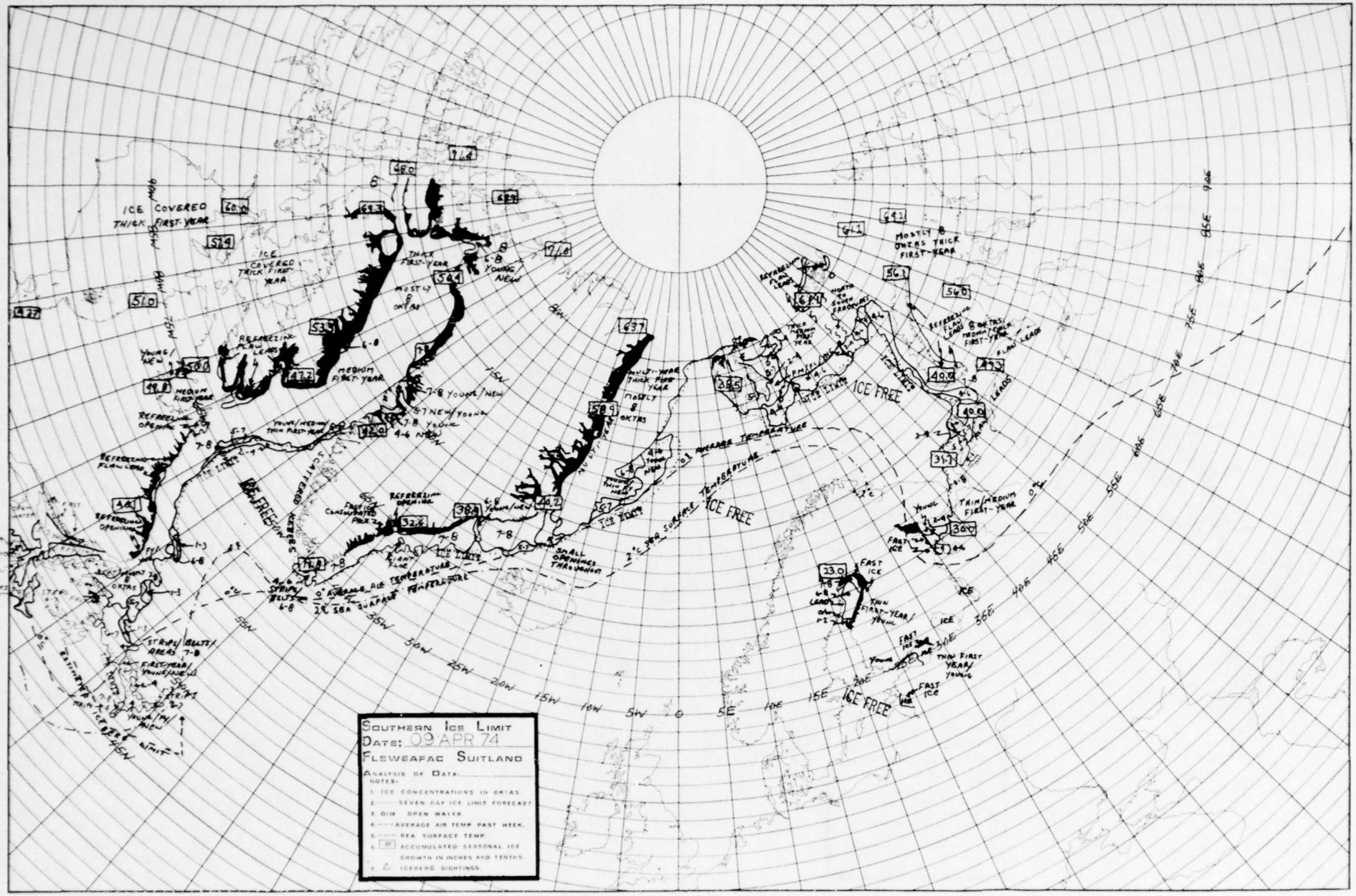

ICE COVERED MEDIUM FIRST-YEAR
ICE
MOSTLY 8 OKTAS MEDIUM-FIRST-YEAR
REFREEZING FLAW LEAD
MOSTLY 8 OKTAS MEDIUM FIRST-YEAR
STRIPS/PATCHES
FAST ICE IN FJORDS
ICE LIMIT
ICE FREE
STRIPS 6-8
3-5 BELTS 5-8
0°C AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
2°C
REFREEZING OPENINGS
MOSTLY 8 OKTAS THICK FIRST-YEAR
FLAW LEADS
MOSTLY 8 OKTAS MEDIUM FY
NILAS/YOUNG
THIN/MEDIUM FY
FAST ICE YOUNG/THIN FIRST-YEAR
THIN FIRST-YEAR
FAST NILAS/NEW
NEW/YOUNG
ICE FREE
0°C AVERAGE AIR TEMPERATURE
Southern Ice Limit
Date: 05 MARCH 1974
Fleweafac Suitland
NOTES:
1. ICE CONCENTRATIONS IN OKTAS
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS
GREAT LAKES
LAKE ONTARIO - ICE FREE EXCEPT FOR APPROACHES.
LAKE ERIE - PRIMARILY OPEN WATER SOUTHERN PORTION, NORTHERN PORTION 7 TO 8 OKTAS.
LAKE ST CLAIR - FAST ICE THROUGHOUT.
LAKE HURON - MOST HURON AREA 6 TO 7 OKTAS, SOUTH CENTRAL SECTOR PRIMARILY OPEN WATER, NORTHERN SECTOR PRIMARILY 8 OKTAS EXCEPT FAST ICE IN NORTH CHANNEL.
LAKE SUPERIOR - FAST ICE IN THUNDER BAY AND COASTAL AREAS WEST AND SOUTH COAST. 2/MOST OF LAKE 6 TO 8 OKTAS EXCEPT FOR OPEN WATER MID LAKE EASTERN SECTOR.
ST MARYS RIVER - PRIMARILY FAST ICE.
LAKE MICHIGAN - MOSTLY OPEN WATER EXCEPT FAST ICE GREEN BAY AND NORTHEAST APPROACHES.

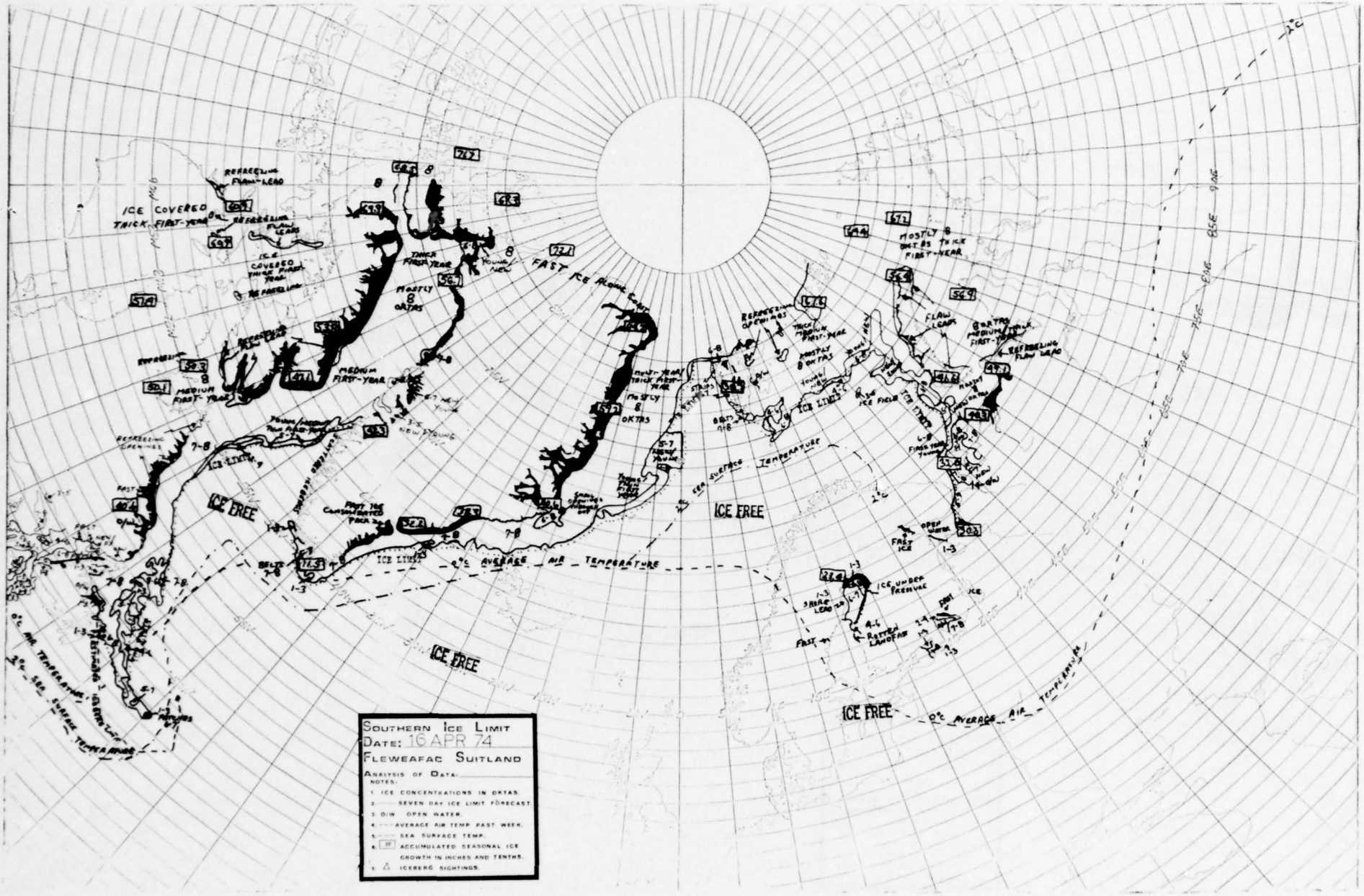

SOUTHERN ICE LIMIT
DATE: 12 MAR 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE COVERED
REFREEZING POLYNYAS
REFREEZING FLAW LEADS
REFREEZING OPENINGS
MEDIUM FIRST YEAR
MOSTLY 8 OKTAS
FLAW LEADS
FAST ICE
YOUNG/THIN FIRST-YEAR
THIN FIRST YEAR
STRIPS
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
ICE

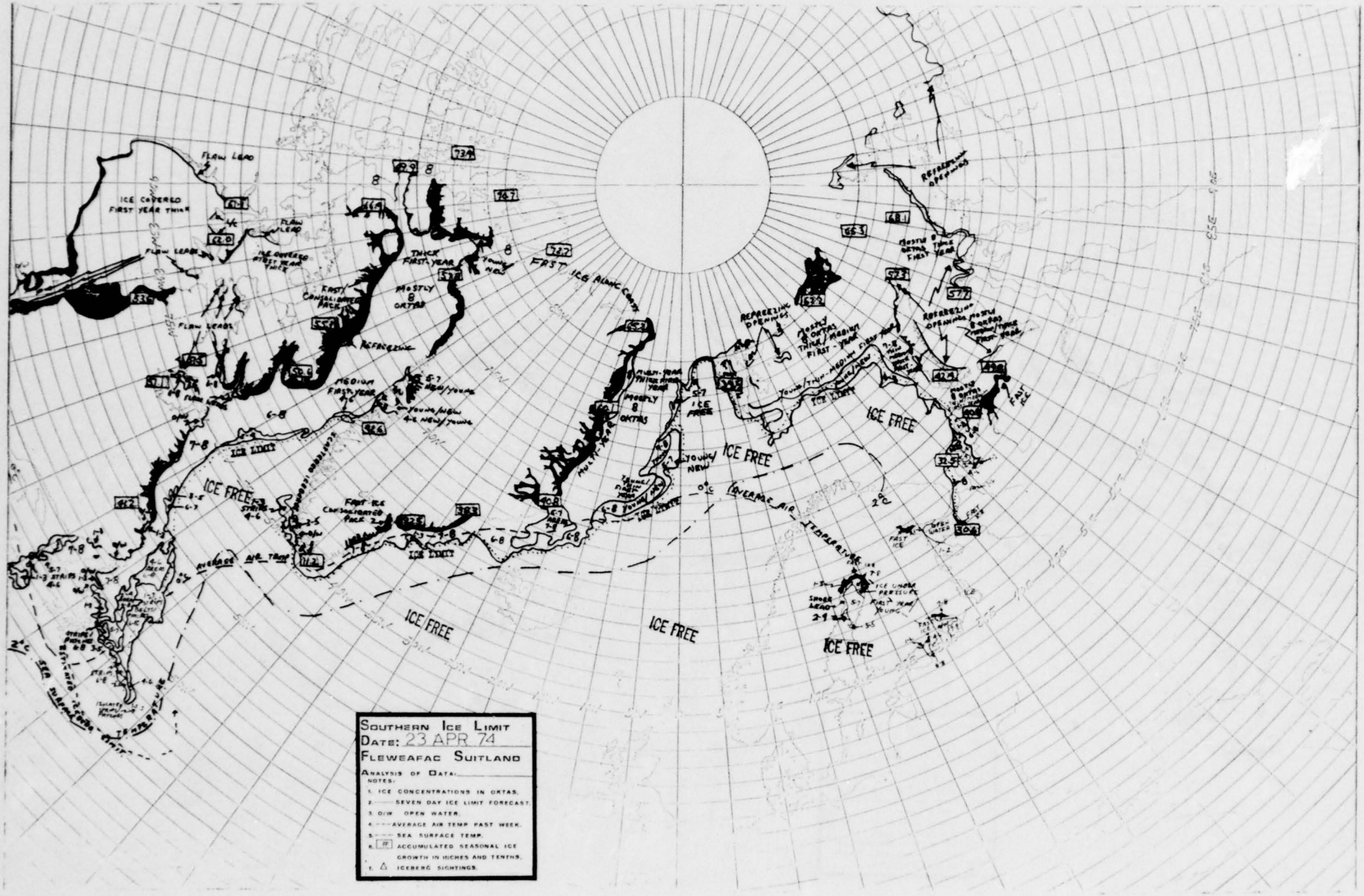

SOUTHERN ICE LIMIT
DATE: 19 MAR 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE COVERED
THICK FIRST-YEAR
MEDIUM FIRST-YEAR
ICE COVERED
REFREEZING FLAW LEAD
MEDIUM FIRST-YEAR
MOSTLY 8 OKTAS
E-W FRACTURES
REFREEZING FLAW LEADS
STRIPS/BELTS PATCHES 7-8
STRIPS PATCHES 6-8
FEW STRIPS
ICE FREE
ICE EDGE
0°C AVERAGE AIR TEMPERATURE
2°C
SEA SURFACE TEMPERATURE
ICE FREE
REFREEZING OPENINGS
MOSTLY 8 OKTAS THICK FIRST YEAR
FLAW LEAD
FLAW LEADS
MOSTLY 8 OKTAS MEDIUM FIRST YEAR
FLAW LEADS
ICE FREE
ICE EDGE
0°C AVERAGE AIR TEMPERATURE
THIN FIRST YEAR
FAST ICE
FAST ICE
THIN FIRST-YEAR
ICE FREE
FAST NEW/YOUNG
THIN FIRST YEAR
ICE FREE

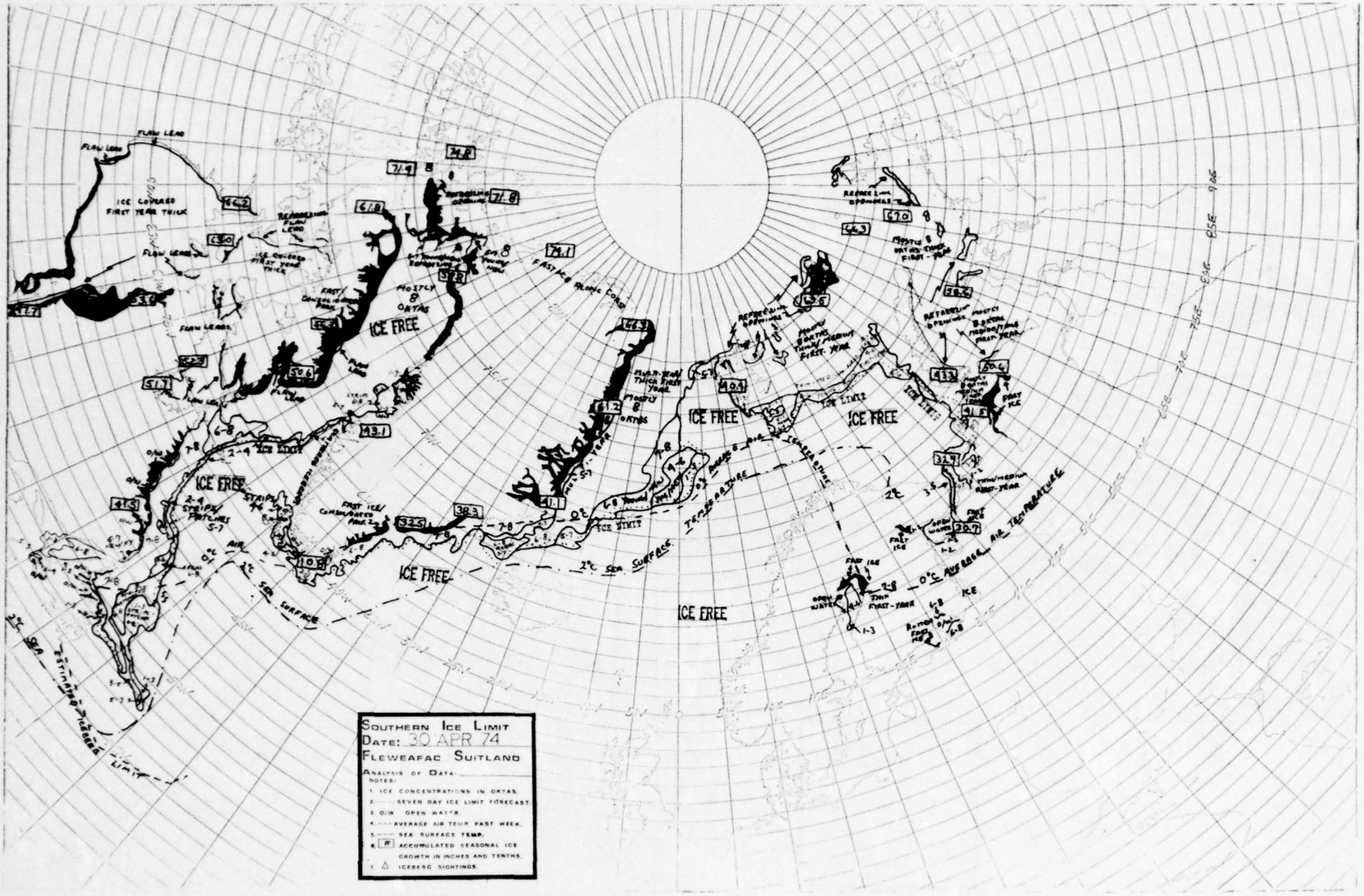

SOUTHERN ICE LIMIT
DATE: 26 MAR 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE COVERED THICK FIRST-YEAR
FRACTURED EAST TO WEST
FRACTURED NORTHEAST TO SOUTHWEST
ICE COVERED THICK FIRST YEAR
MEDIUM FIRST-YEAR
REFREEZING FLOW LEADS
2-4 PATCHES 5-7 NEW/YOUNG
ICE FREE
AVERAGE AIR TEMPERATURE
SURFACE SEA TEMPERATURE
MOSTLY 8 OKTAS THICK FIRST-YEAR
FLOW LEADS
MOSTLY 8 OKTAS MEDIUM/THIN FIRST-YEAR
REFREEZING OPENINGS
THICK/MEDIUM FIRST-YEAR
REFREEZING OCCURING THROUGHOUT
THIN/MEDIUM FIRST-YEAR
FAST ICE
THIN FIRST-YEAR
THIN FIRST YEAR
REFREEZING OPENINGS
ICE

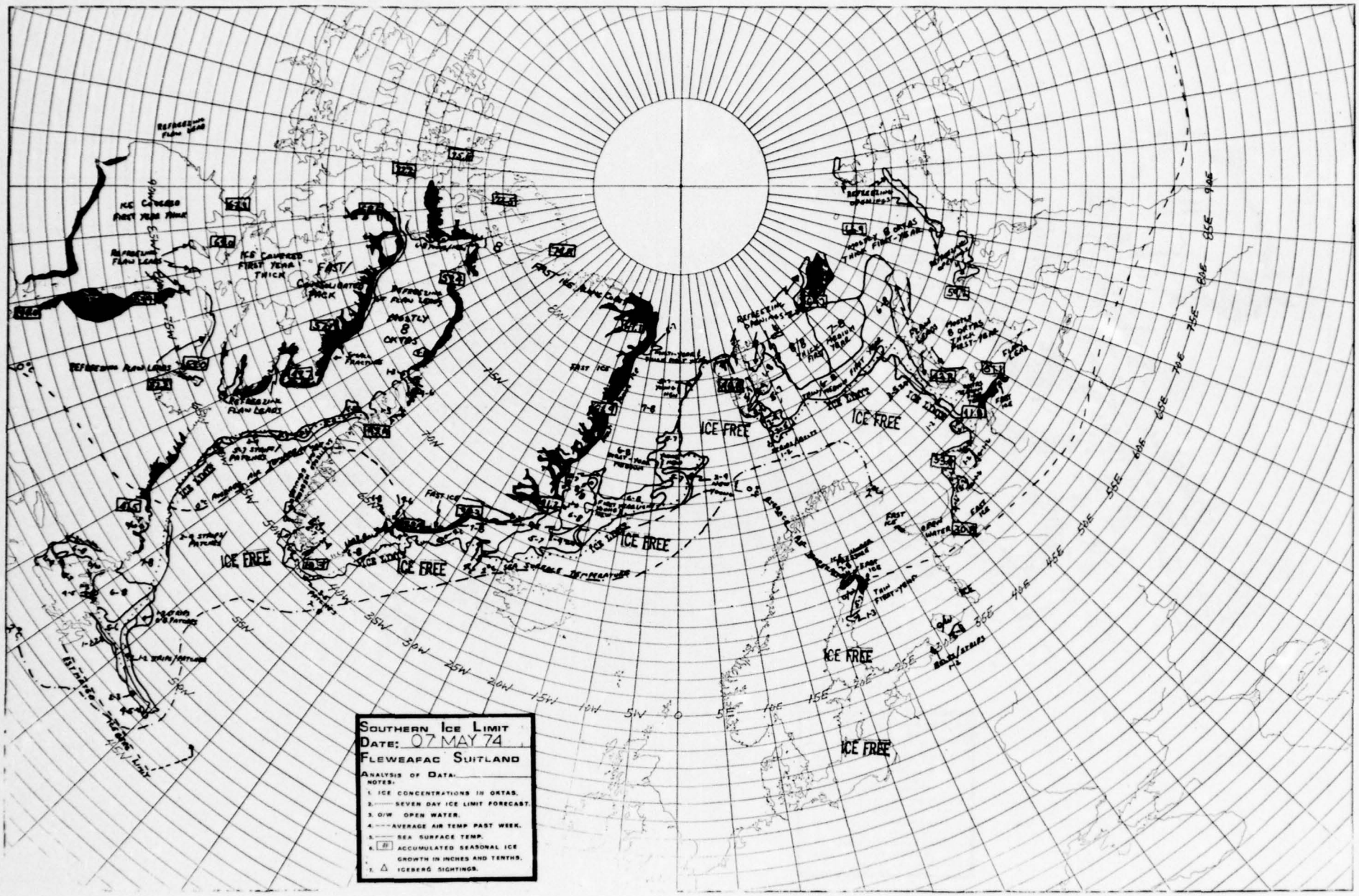

SOUTHERN ICE LIMIT
DATE: 02 APR 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS.
ICE COVERED THICK FIRST-YEAR
ICE COVERED THICK FIRST YEAR
MEDIUM FIRST-YEAR
REFREEZING FLAW LEAD
YOUNG/NEW
FAST ICE ALONG COAST
MOSTLY 8 OKTAS THICK FIRST-YEAR
FLAW LEAD
ICE FREE
ICE LIMIT
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
FAST ICE
THIN FIRST-YEAR
THIN/MEDIUM FIRST-YEAR
ESTIMATED TREELINE

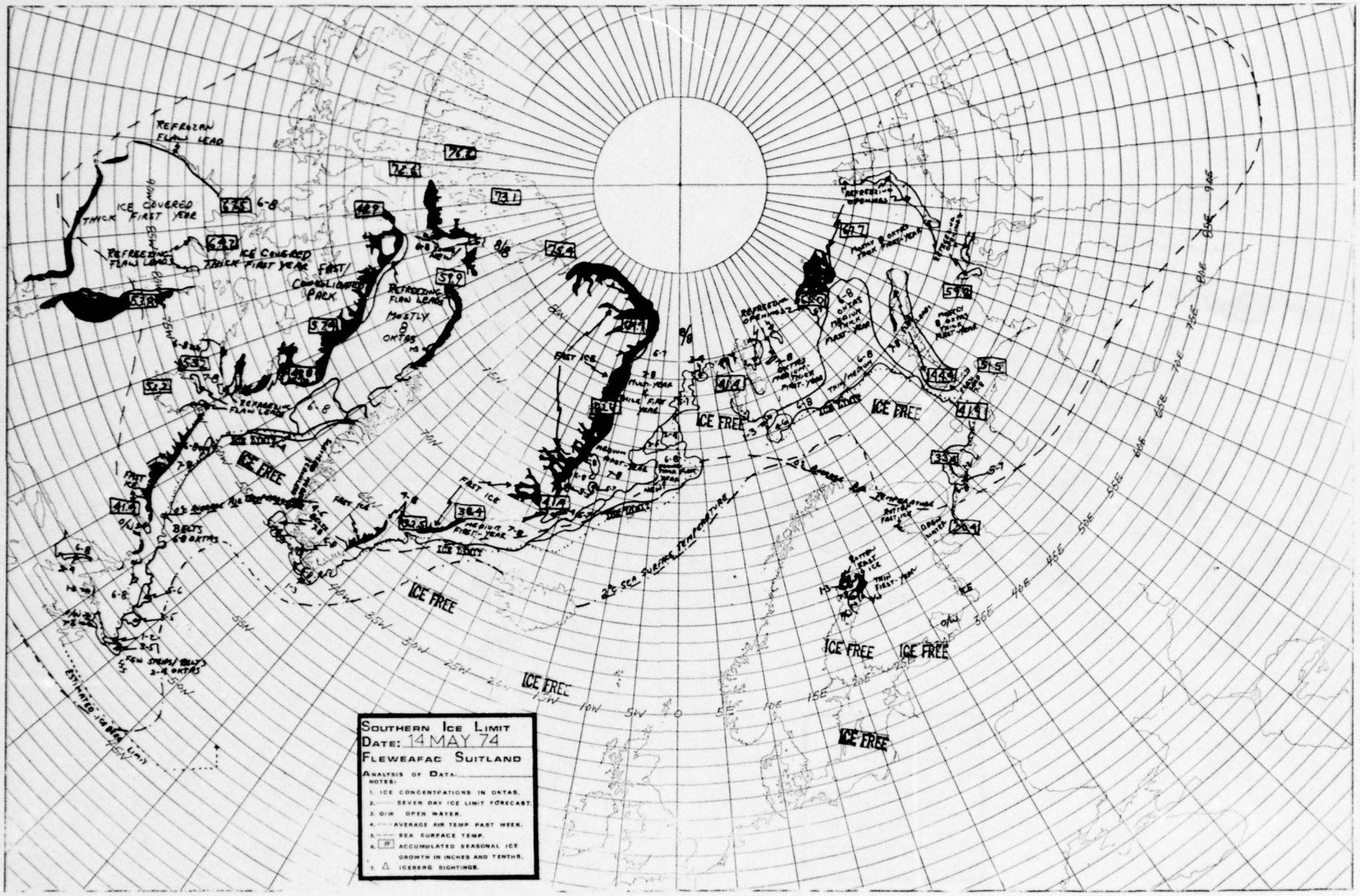

SOUTHERN ICE LIMIT
DATE: 09 APR 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ∠ ICEBERG SIGHTINGS.
ICE COVERED THICK FIRST-YEAR
ICE COVERED THICK FIRST-YEAR
MEDIUM FIRST-YEAR
REFREEZING FLOW LEADS
REFREEZING OPENING
REFREEZING FLOW LEAD
MOSTLY 8 OKTAS
THICK FIRST-YEAR
MOSTLY 8 OKTAS
MULTI-YEAR THICK FIRST YEAR MOSTLY 8 OKTAS
MOSTLY 8 OKTAS THICK FIRST-YEAR
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE AVERAGE TEMPERATURE
SEA SURFACE TEMPERATURE
SCATTERED
SMALL OPENINGS THROUGHOUT
FAST ICE
THIN FIRST-YEAR/YOUNG
THIN/MEDIUM FIRST-YEAR
STRIPS/BELTS/AREAS 7-8
FIRST-YEAR/YOUNG/NEW
YOUNG/NEW
MAIN ICE BERG LIMIT

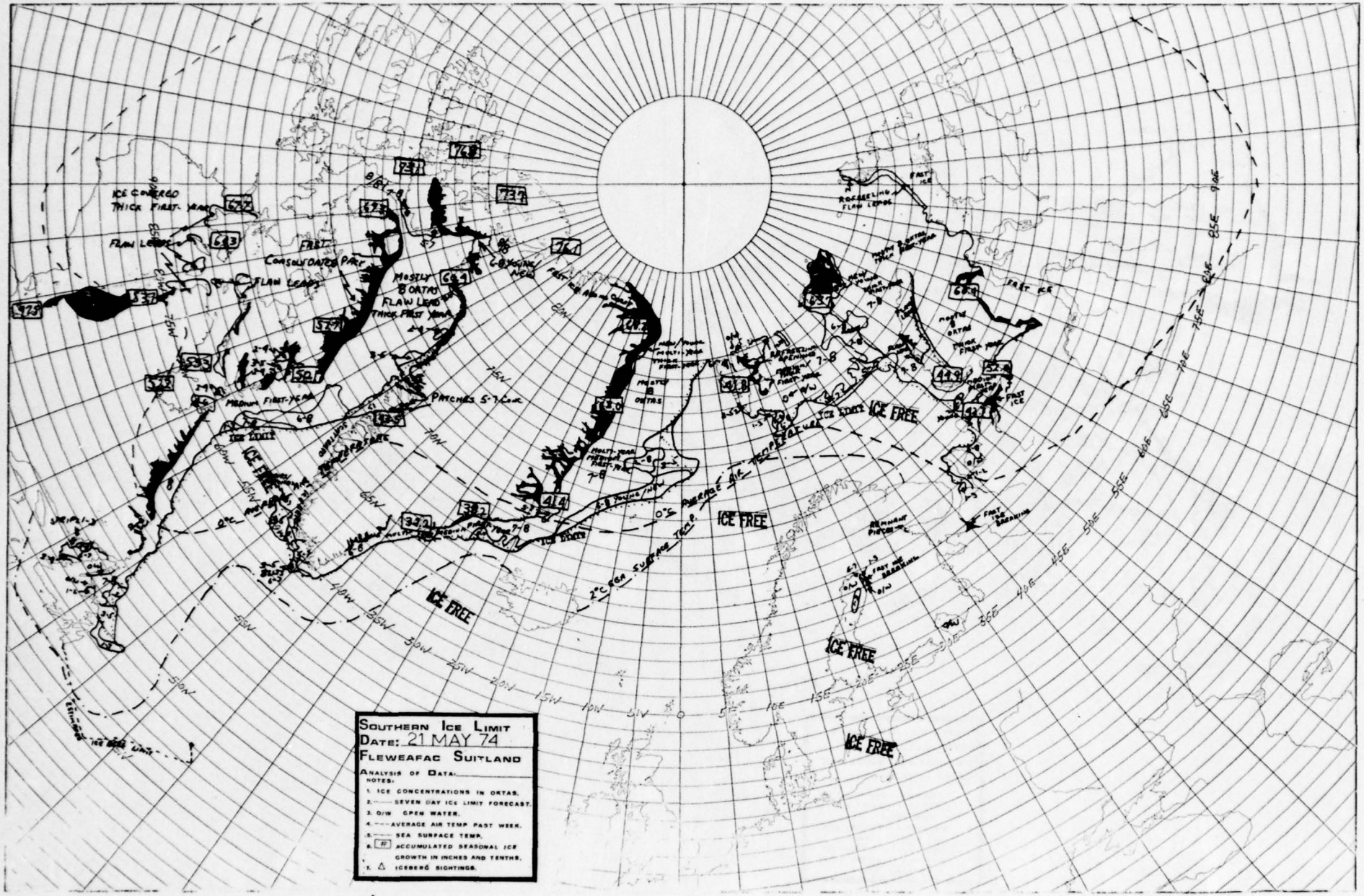

SOUTHERN ICE LIMIT
DATE: 16 APR 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FAST ICE ALONG COAST
ICE COVERED THICK FIRST-YEAR
MEDIUM FIRST-YEAR
MOSTLY 8 OKTAS
THICK FIRST-YEAR
YOUNG/NEW
MOSTLY 8 OKTAS THICK FIRST-YEAR
FLAW LEADS
ICE LIMIT
0°C AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
ICE UNDER PRESSURE
SHEAR LEADS
ROTTEN LANDFAST
FAST ICE
OPEN WATER
-2°C
85E
90E
75E
70E
65E

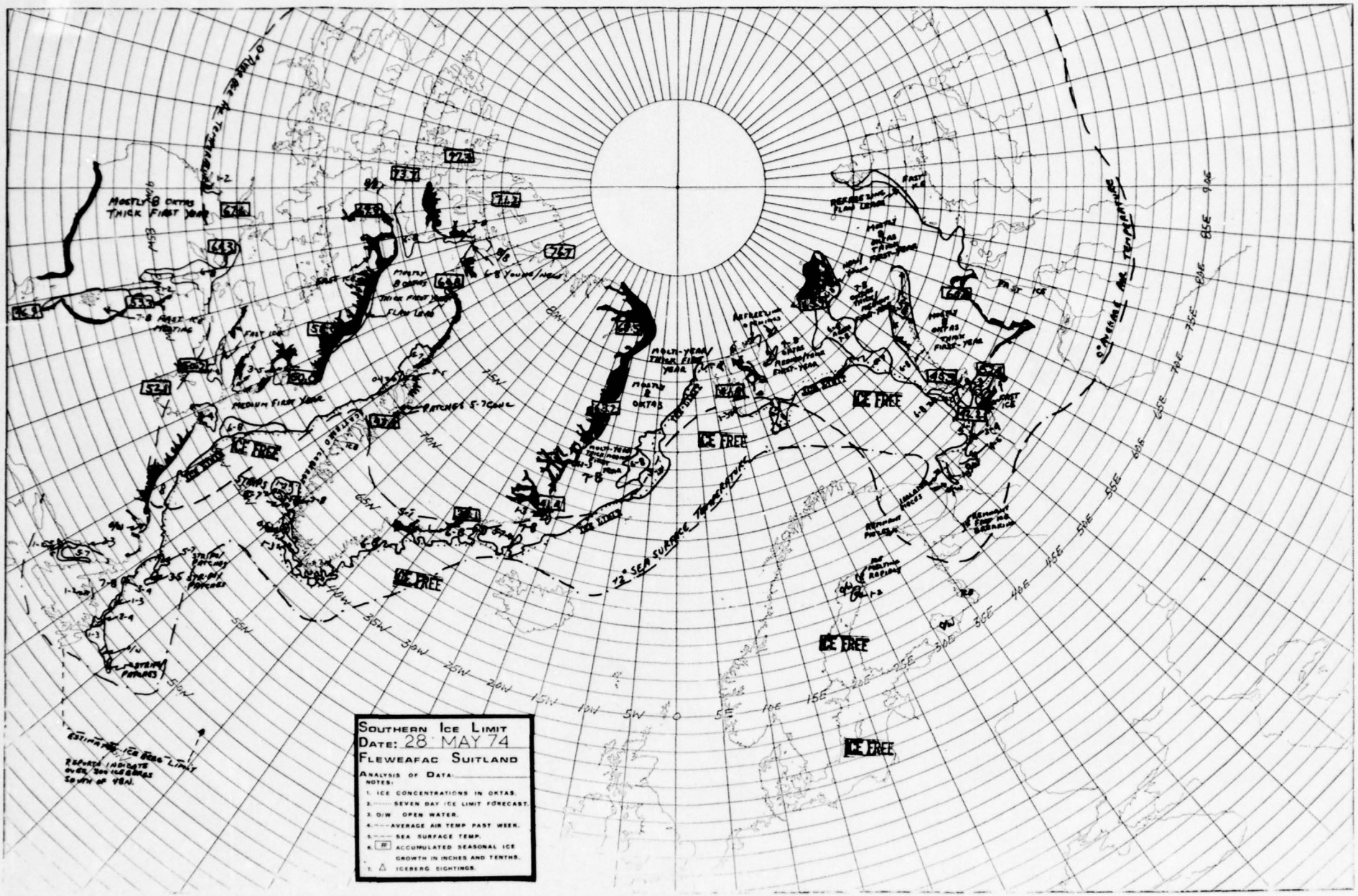

SOUTHERN ICE LIMIT
DATE: 23 APR 74
FLEWEAPAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FLOW LEAD
ICE COVERED FIRST YEAR THICK
THICK FIRST YEAR
MOSTLY 8 OKTAS
FAST ICE ALONG COAST
REFREEZING
MEDIUM FIRST YEAR
YOUNG/NEW
ICE FREE
AVERAGE AIR TEMP
SEA SURFACE TEMP

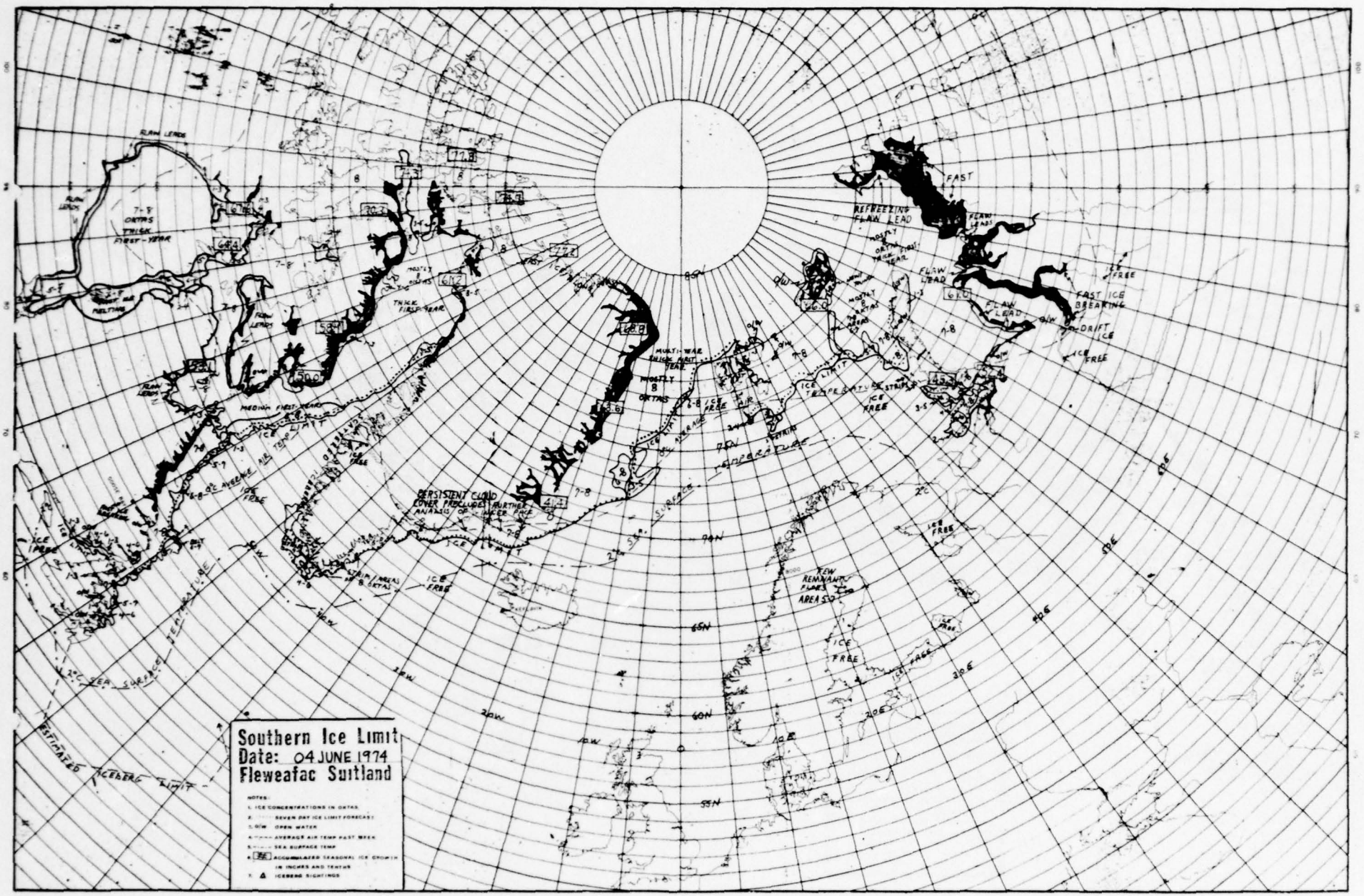

SOUTHERN ICE LIMIT
DATE: 30 APR 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN ORTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
SEA SURFACE
AIR
ESTIMATED ICEBERG LIMIT
FLAW LEAD
ICE COVERED FIRST YEAR THICK
FAST ICE
MOSTLY 8 ORTAS
THIN/MEDIUM FIRST-YEAR
THICK FIRST YEAR
OPEN WATER
0°C
2°C

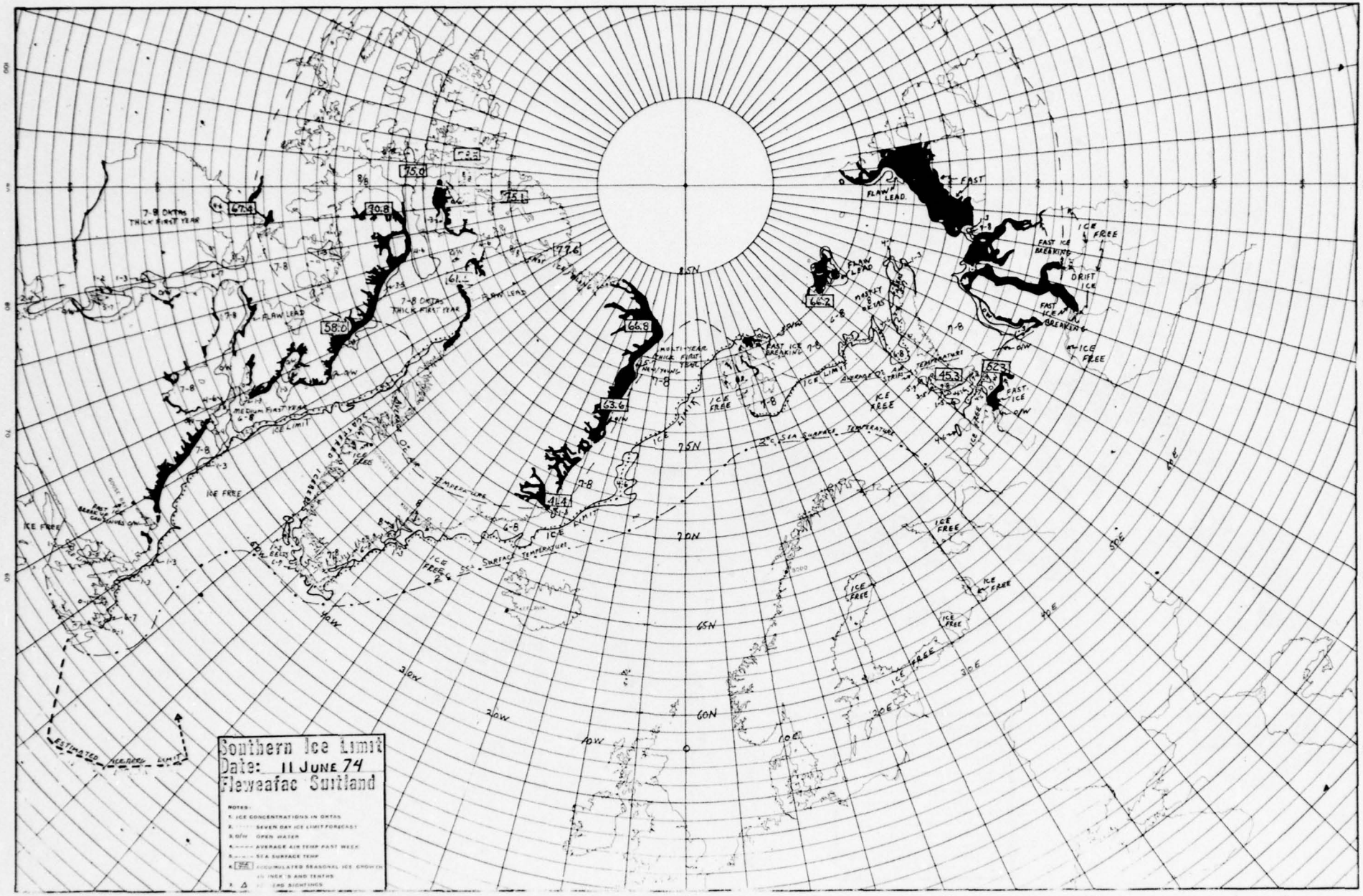

SOUTHERN ICE LIMIT
DATE: 07 MAY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FAST ICE
FAST ICE
FAST ICE
REFREEZING FLAW LEADS
ICE CONGEALED FIRST YEAR THICK
ICE CONGEALED FIRST YEAR THICK
MOSTLY 8 OKTAS
REFREEZING FLAW LEADS
REFREEZING FLAW LEADS
REFREEZING FLAW LEADS
REFREEZING FLAW LEADS
REFREEZING FLAW LEADS
REFLECTING DARKNESS
REFLECTING DARKNESS
FAST ICE FLAW LEAD
SEA AVERAGE TEMPERATURE
OPEN WATER
EDGE FAST ICE
FAST ICE
ICE EDGE
ICE EDGE
ICE EDG

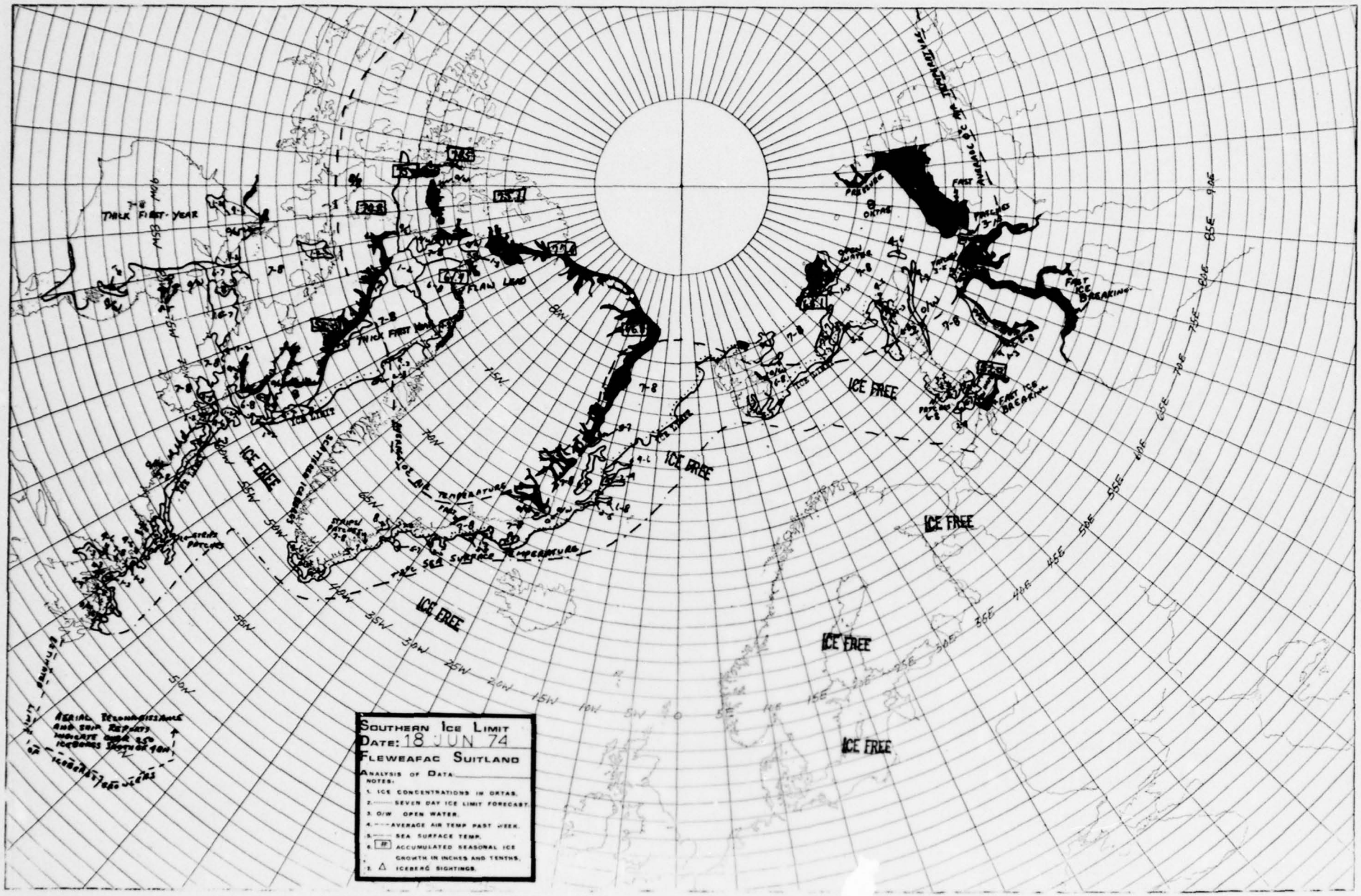

SOUTHERN ICE LIMIT
DATE: 14 MAY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ESTIMATED ICE BERG LIMIT
REFROZEN FLAW LEAD
ICE COVERED THICK FIRST YEAR
REFREEZING FLAW LEADS
ICE COVERED THICK FIRST YEAR
FAST CONSOLIDATED PACK
REFREEZING FLAW LEADS
MOSTLY 8 OKTAS
REFREEZING FLAW LEADS
FAST ICE
BERGS 6-8 OKTAS
FEW STRAY BERGS 3-4 OKTAS
FAST ICE
FAST ICE
FAST ICE
MEDIUM FIRST-YEAR
MEDIUM FIRST-YEAR
MULTI-YEAR
WHITE FLAW YEAR
THICK FIRST-YEAR
THIN FIRST-YEAR
SEA SURFACE TEMPERATURE

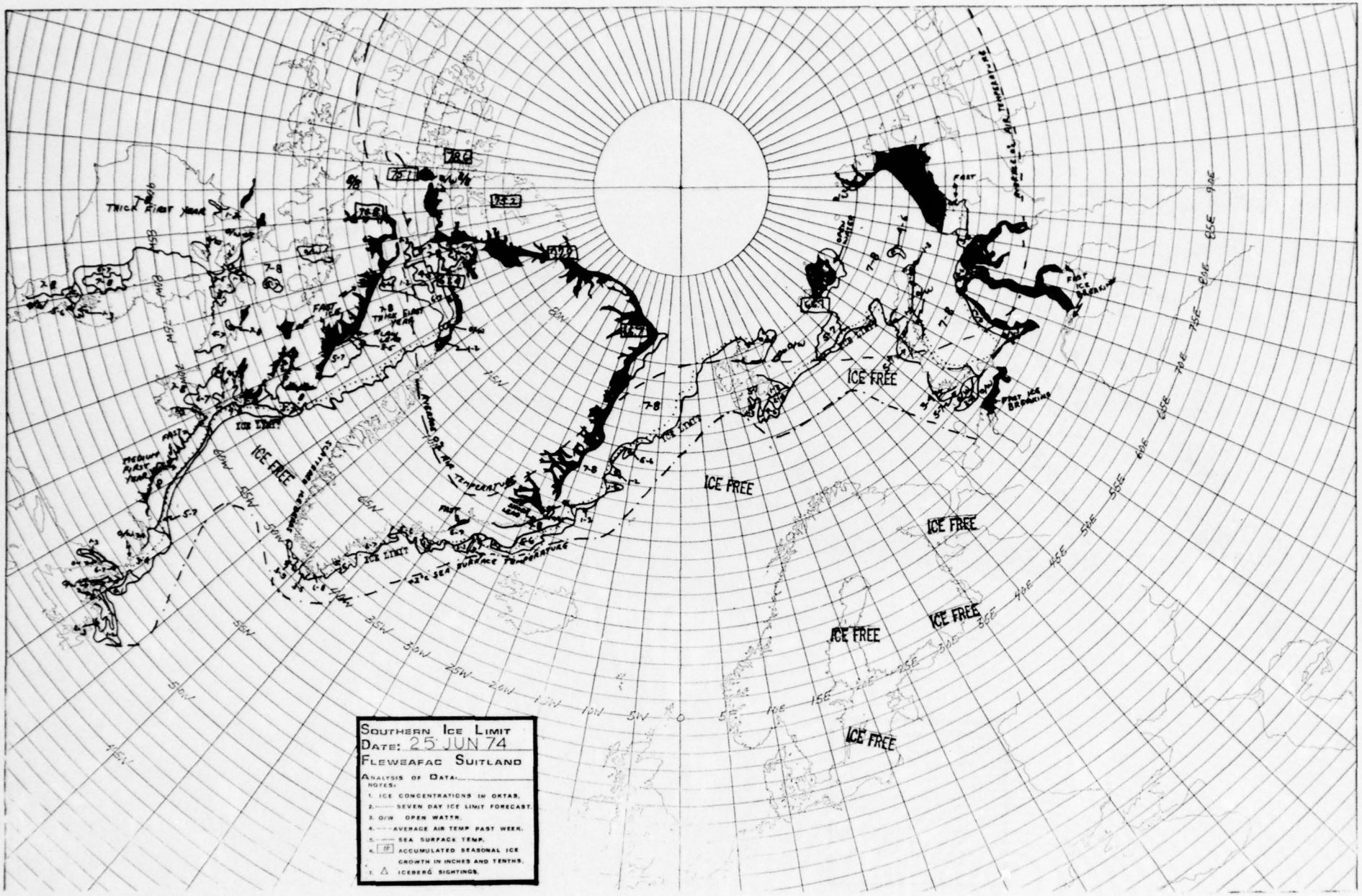

SOUTHERN ICE LIMIT
DATE: 21 MAY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ····· SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. ## ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE CONVERGE THICK FIRST-YEAR
FLAW LEADS
FAST CONSOLIDATED PART
FLAW LEADS
MOSTLY 8 OKTAS FLAW LEAD THICK FIRST YEAR
PATCHES 5-7 OKTAS
FAST ICE
FAST ICE
FAST ICE

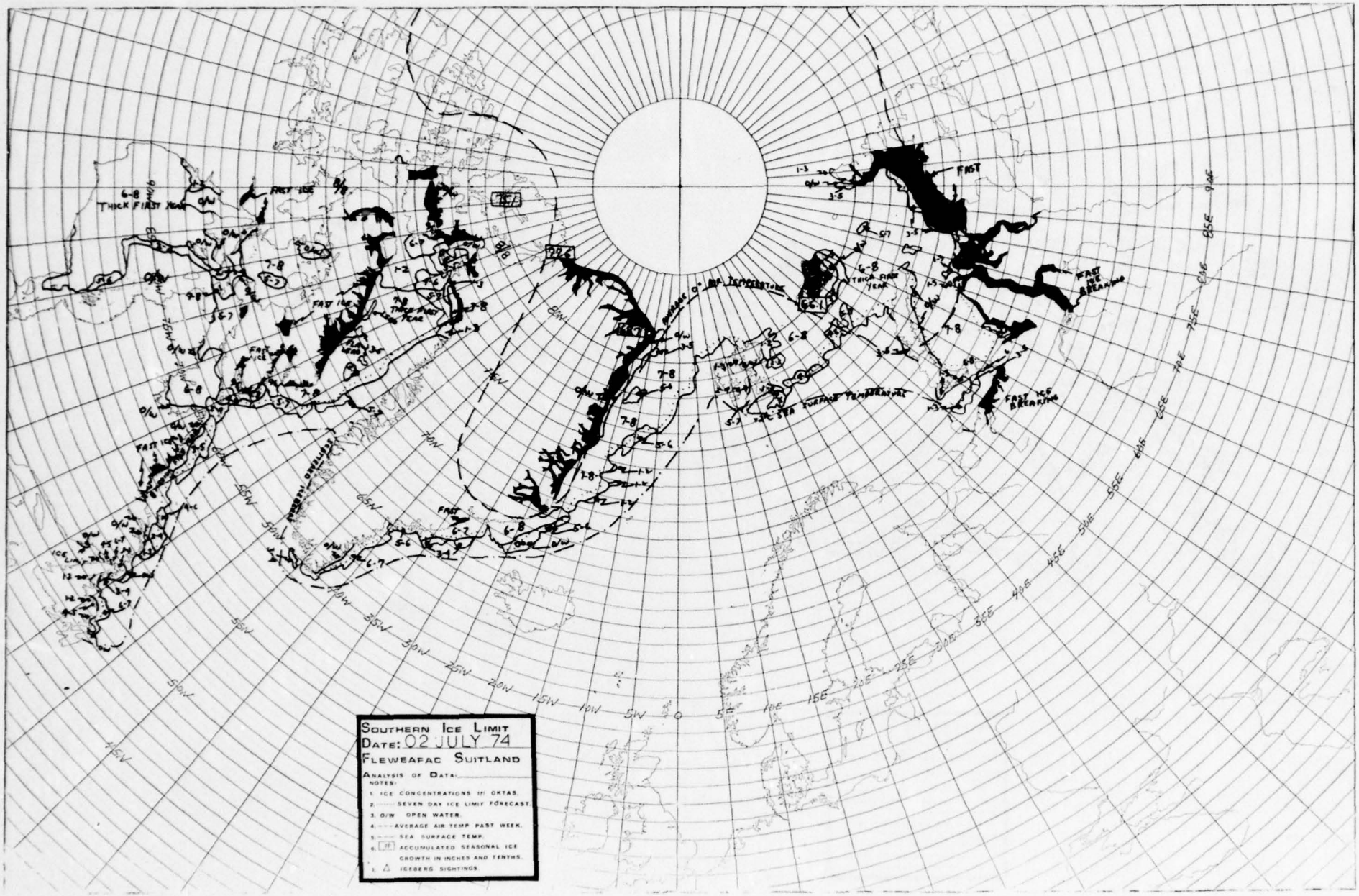

SOUTHERN ICE LIMIT
DATE: 28 MAY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
12° SEA SURFACE TEMPERATURE
0° AVERAGE AIR TEMPERATURE
MOSTLY 8 OKTAS THICK FIRST YEAR
MEDIUM FIRST YEAR
FAST ICE
MULTI-YEAR THICK FIRST YEAR
ESTIMATED ICE BERG LIMIT
REPORTS INDICATE OVER 300 ICEBERGS SOUTH OF 48W.

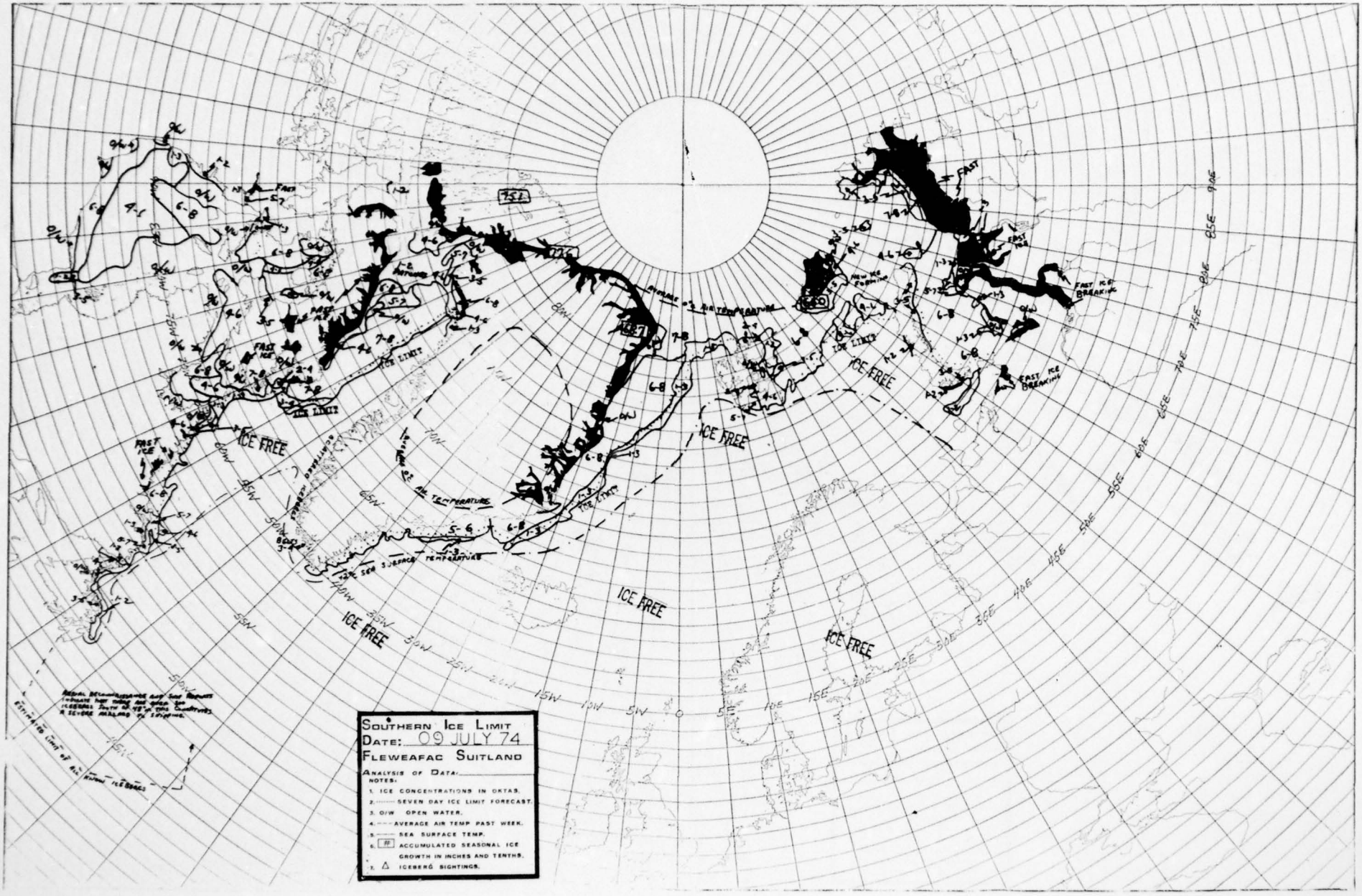

Southern Ice Limit
Date: 04 JUNE 1974
Fleweafac Suitland
NOTES:
1. ICE CONCENTRATIONS IN OKTAS
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS
FLAW LEADS
7-8 OKTAS THICK FIRST-YEAR
MELTING
THICK FIRST-YEAR
MEDIUM FIRST-YEAR
ICE LIMIT
ICE FREE
PERSISTENT CLOUD COVER PRECLUDES FURTHER ANALYSIS OF ICE EDGE
SEA SURFACE TEMPERATURE
ESTIMATED ICEBERG LIMIT
FAST
REFREEZING FLAW LEAD
FLAW LEAD
FAST ICE BREAKING
DRIFT ICE
ICE TEMPERATURE
FEW REMNANT FLOES AREA SO
90N
85N
80N
75N
70N
65N
60N
55N
0
10W
20W
30W
10E
20E
30E
40E
50E

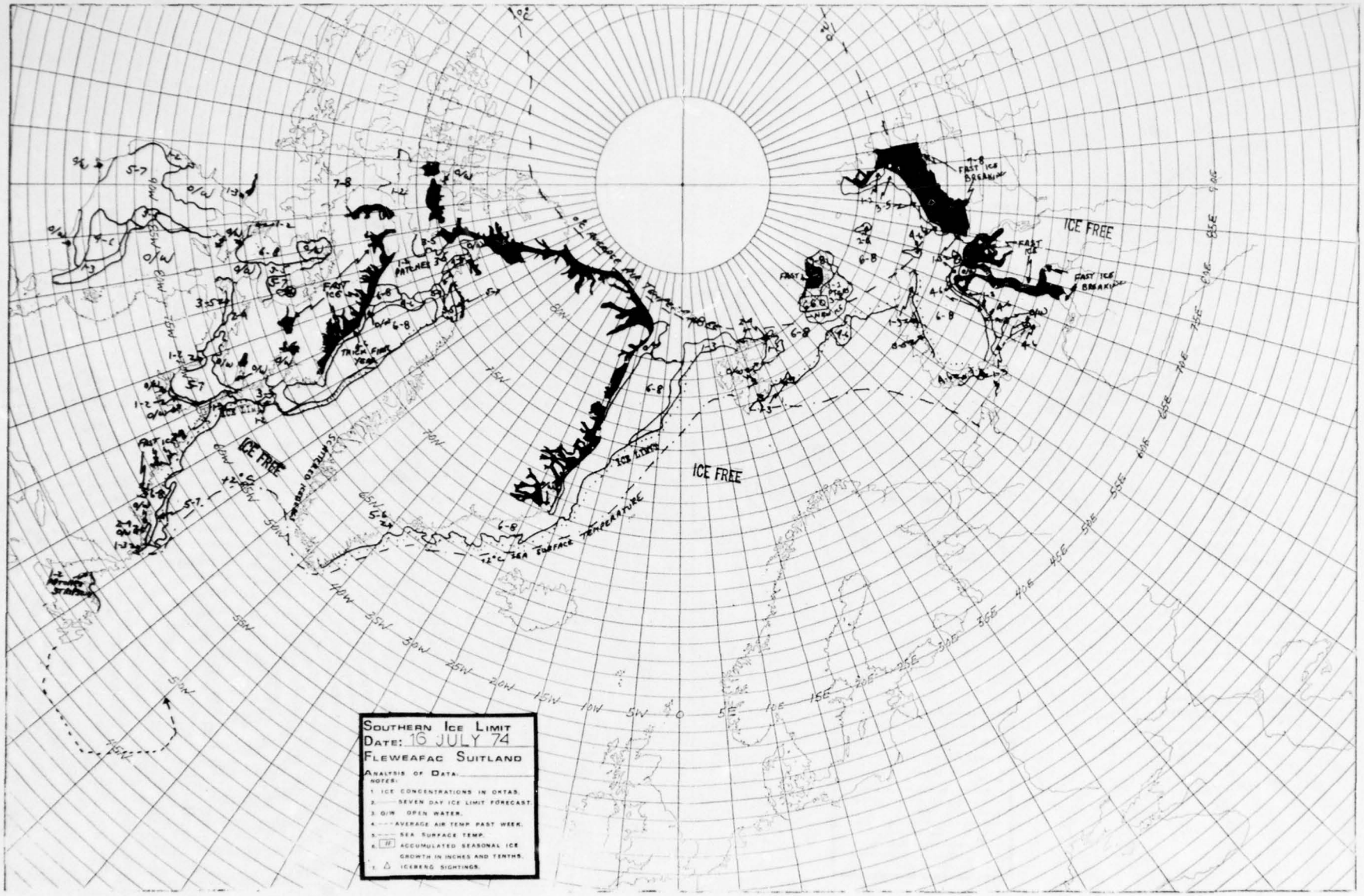

Southern Ice Limit
Date: 11 JUNE 74
Fleweafac Suitland
NOTES:
1. ICE CONCENTRATIONS IN OKTAS
2. ---- SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. ---- AVERAGE AIR TEMP PAST WEEK
5. ---- SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. △ LAND SIGHTINGS
7-8 OKTAS THICK FIRST YEAR
MEDIUM FIRST YEAR
ICE LIMIT
ICE FREE
FLAW LEAD
MULTI-YEAR THICK FIRST YEAR
EAST ICE BREAKING
MARGINAL ICE ZONE
AVERAGE OF AIR TEMPERATURE
SEA SURFACE TEMPERATURE
ESTIMATED NEW ICE LIMIT
EAST ICE
DRIFT ICE
ICE
67.4
75.0
70.8
75.1
77.6
58.0
66.8
63.6
41.4
66.2
45.3
52.3
85N
75N
70N
65N
60N
0
10W
20W
30W
40W
10E
20E
30E
40E
50E

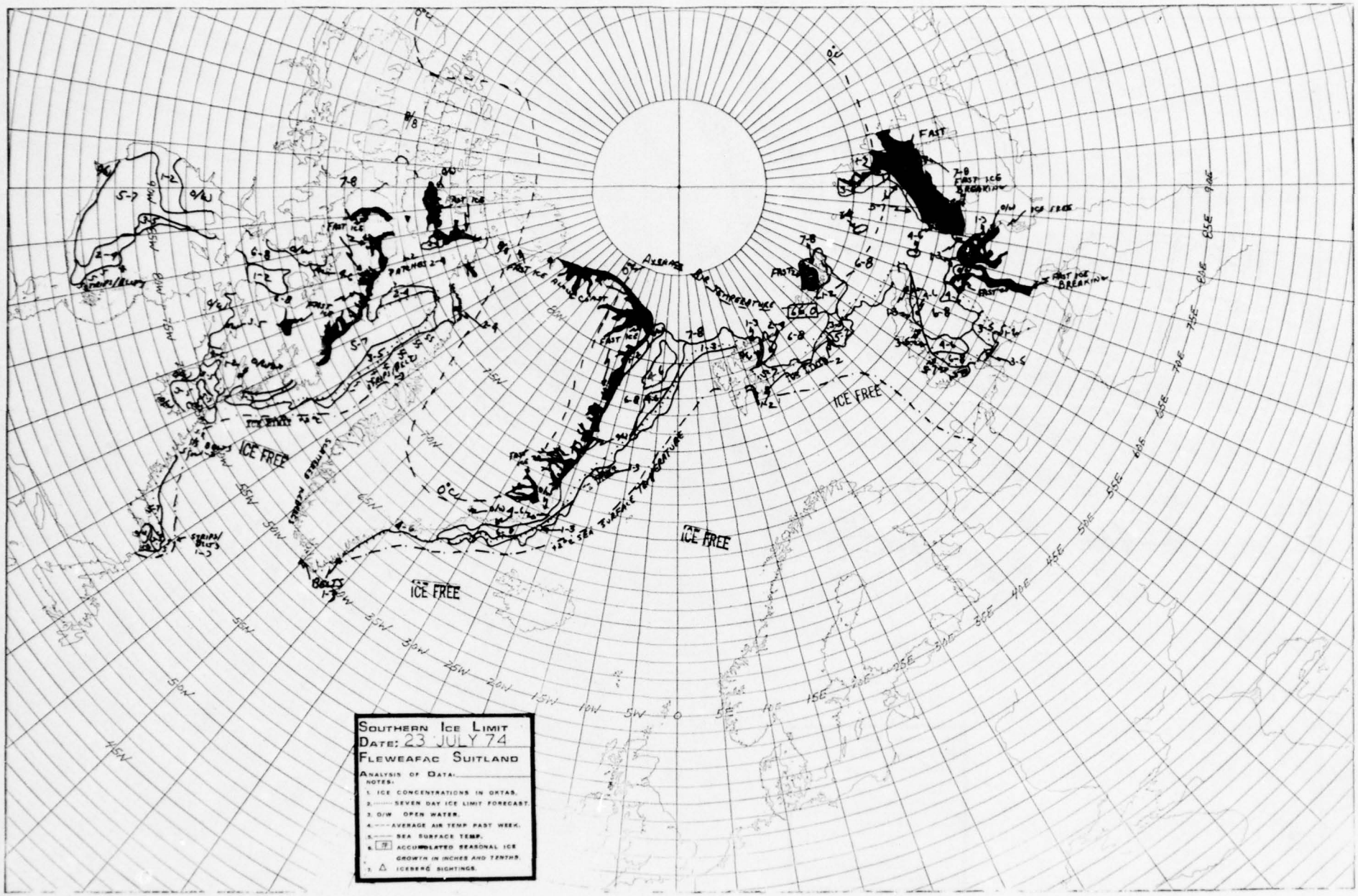

SOUTHERN ICE LIMIT
DATE: 18 JUN 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
THICK FIRST-YEAR
FAST ICE BREAKING
PACKED
PRESSURE
OKTAS
OPEN WATER
FLAW LEAD
ICE LIMITS
SEA SURFACE TEMPERATURE
AERIAL RECONNAISSANCE AND SHIP REPORTS INDICATE OVER 250 ICEBERGS SOUTH OF 40N!

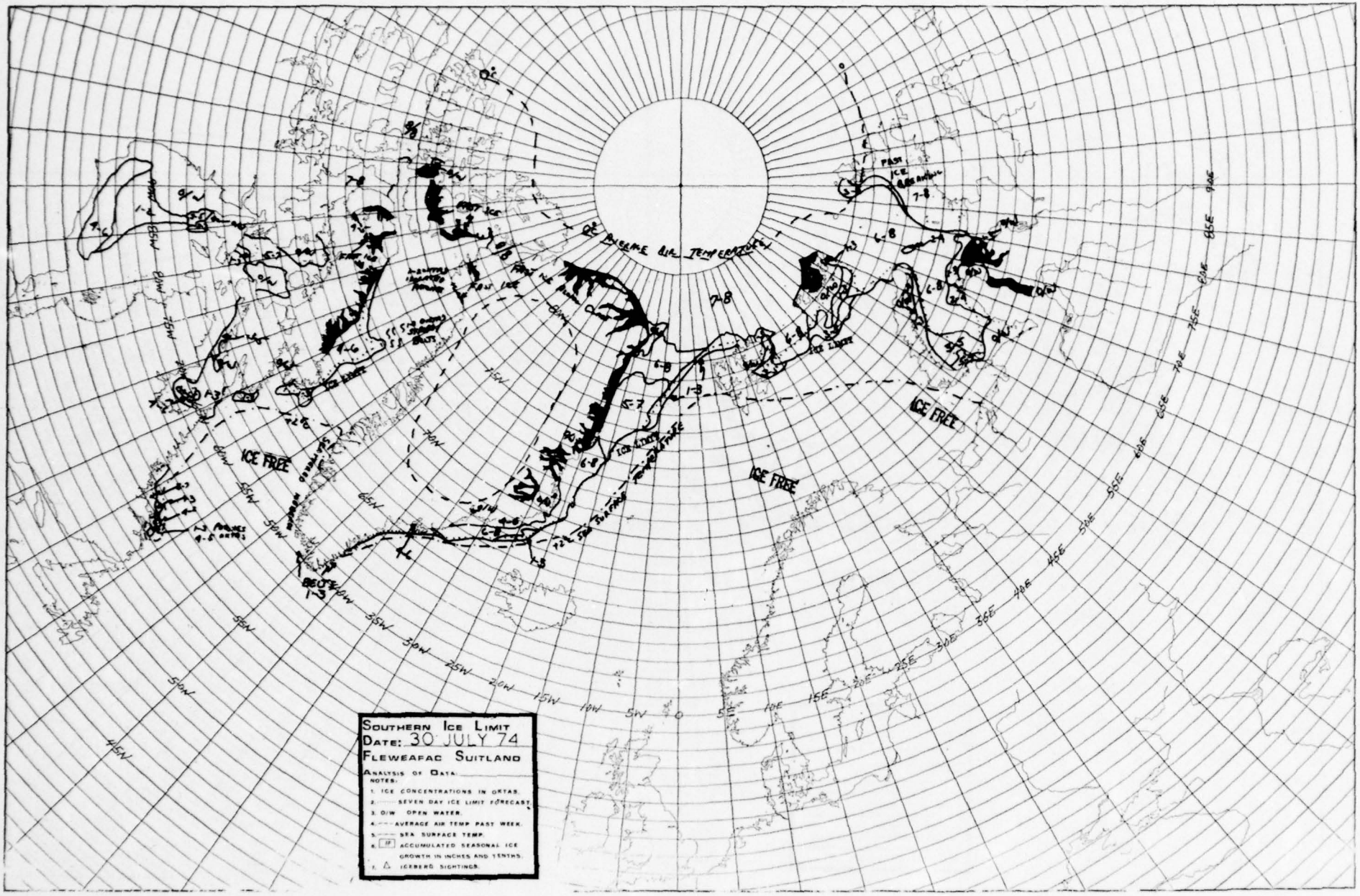

SOUTHERN ICE LIMIT
DATE: 25 JUN 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
THICK FIRST YEAR
THIN FIRST YEAR
FAST ICE
FAST ICE BREAKING
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE

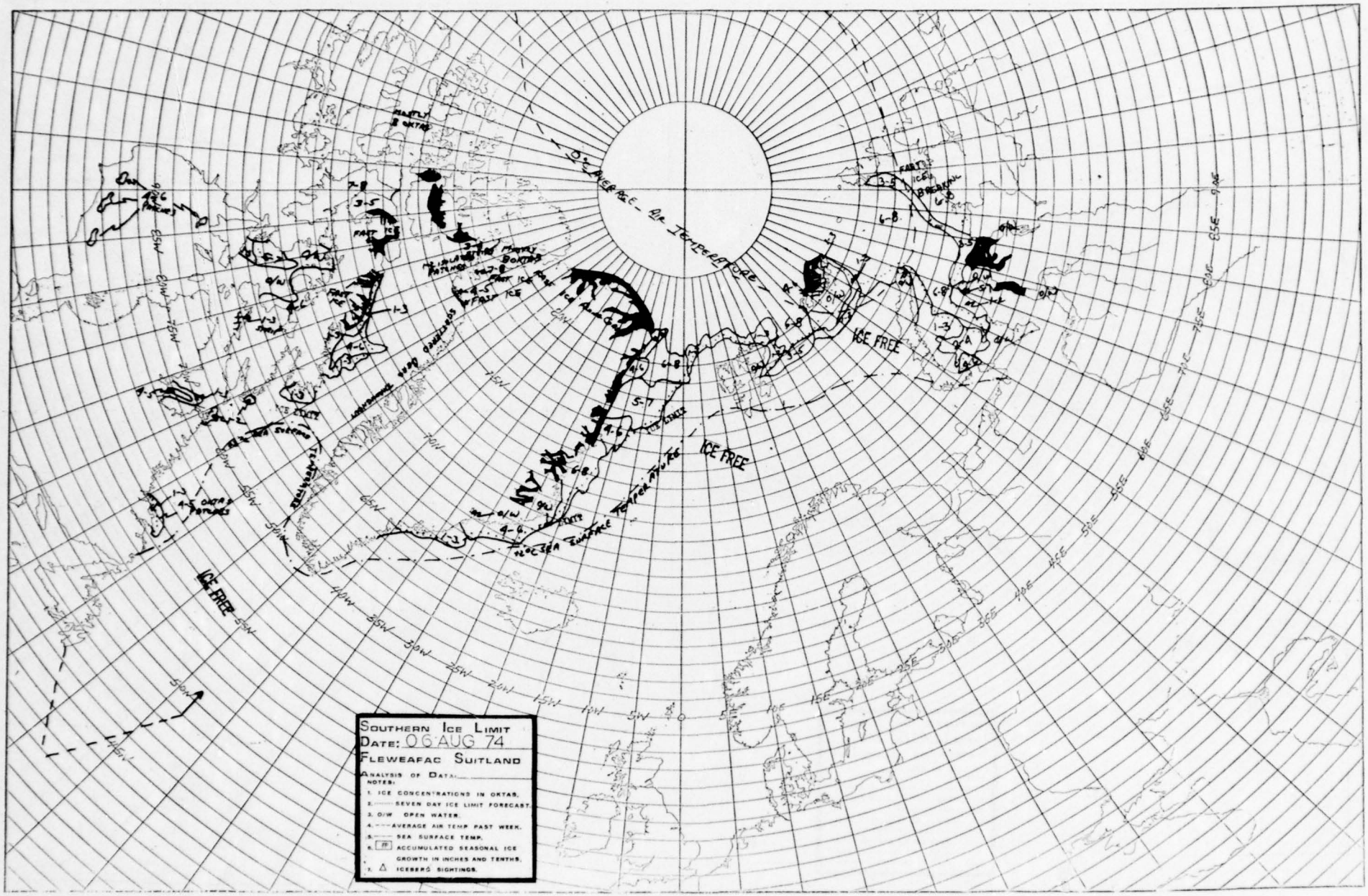

SOUTHERN ICE LIMIT
DATE: 02 JULY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
FAST ICE
THICK FIRST YEAR
FAST ICE BREAKING
SEA SURFACE TEMPERATURE

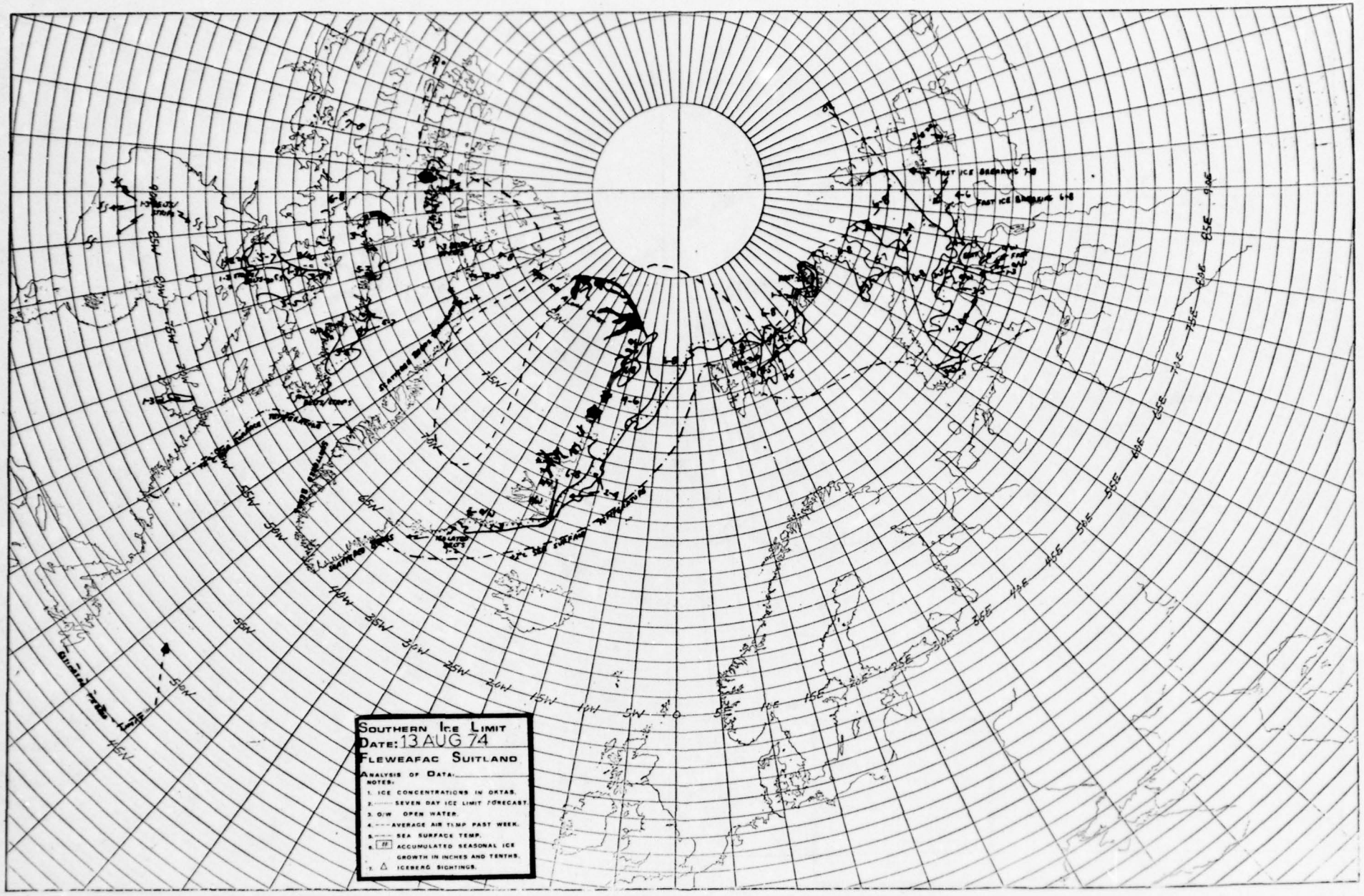

SOUTHERN ICE LIMIT
DATE: 09 JULY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST ICE
FAST ICE BREAKING
EAST ICE BREAKING
NEW ICE FORMING
AVERAGE 0°C AIR TEMPERATURE
SEA SURFACE TEMPERATURE
ESTIMATED LIMIT OF ALL NATURAL ICEBERGS

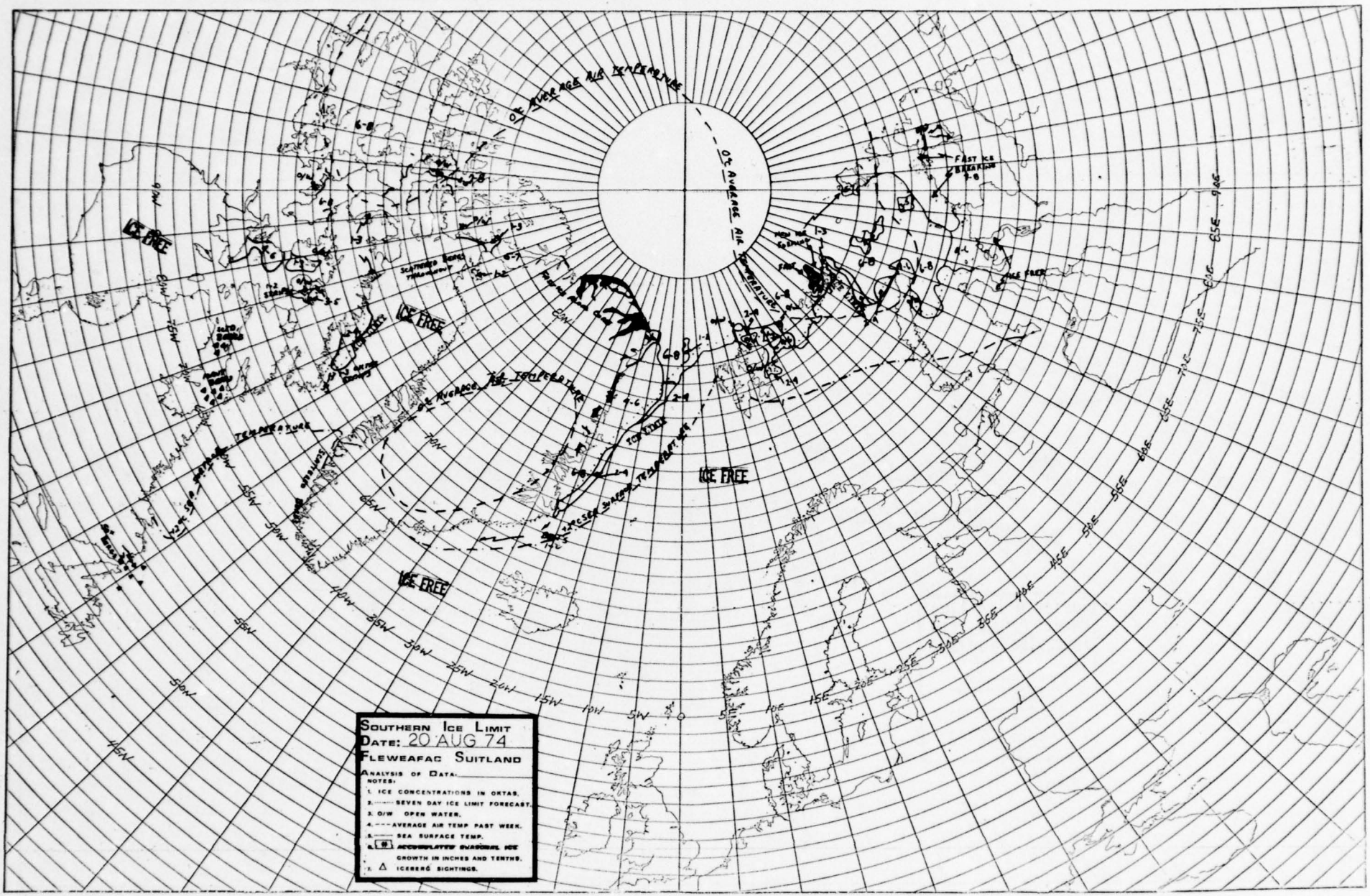

SOUTHERN ICE LIMIT
DATE: 16 JULY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. H ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
FAST ICE
FAST ICE BREAKING
FAST ICE BREAKING
FAST ICE
PATCHES
THICK FAST ICE
ICE LIMIT
12°C SEA SURFACE TEMPERATURE
10°C
0°C AVERAGE AIR TEMP. PAST WEEK
0°C
0°C
0°C

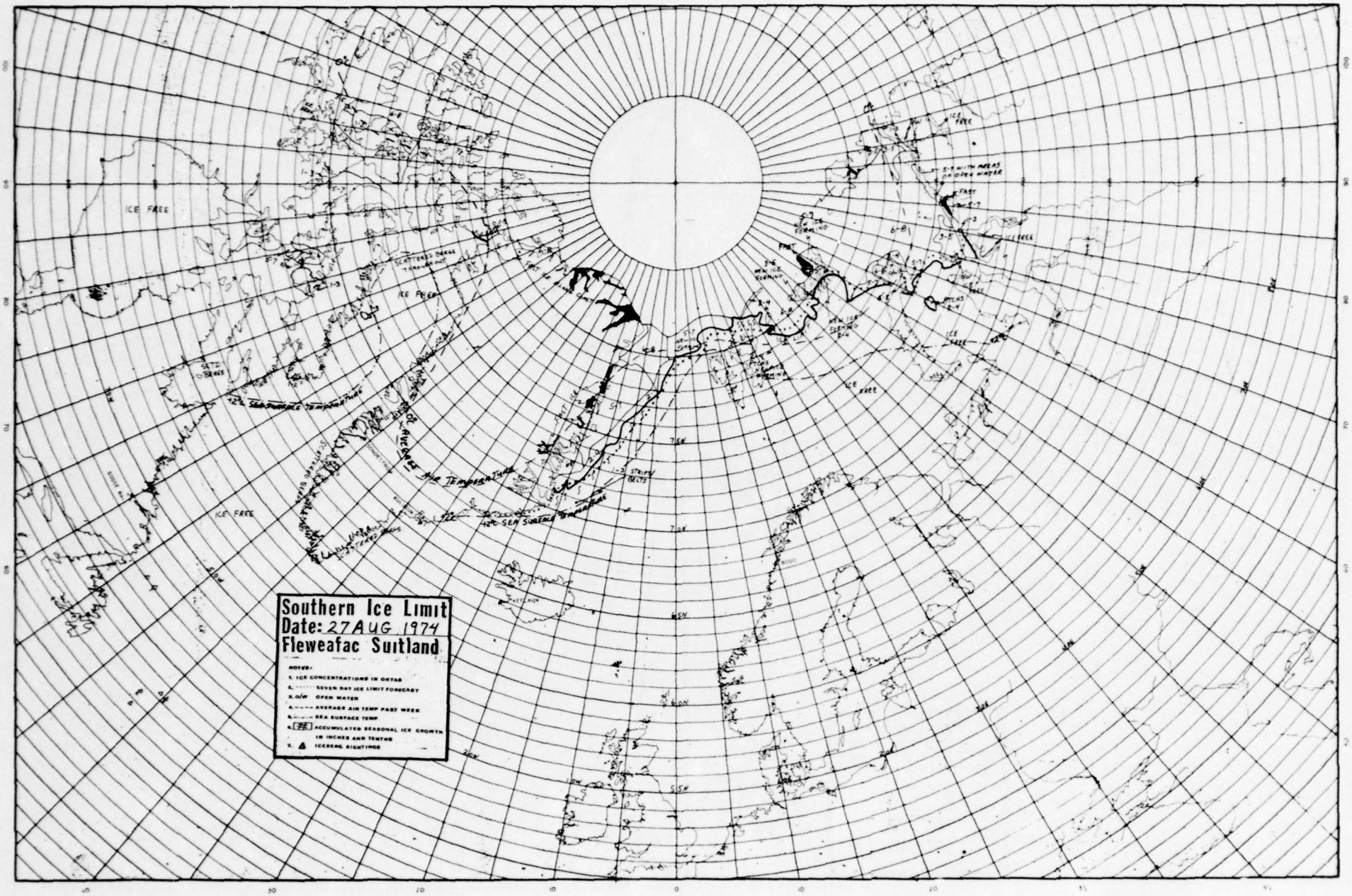

SOUTHERN ICE LIMIT
DATE: 23 JULY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
FAST
FAST ICE
FAST ICE BREAKING
O/W ICE EDGE
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
0°C
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

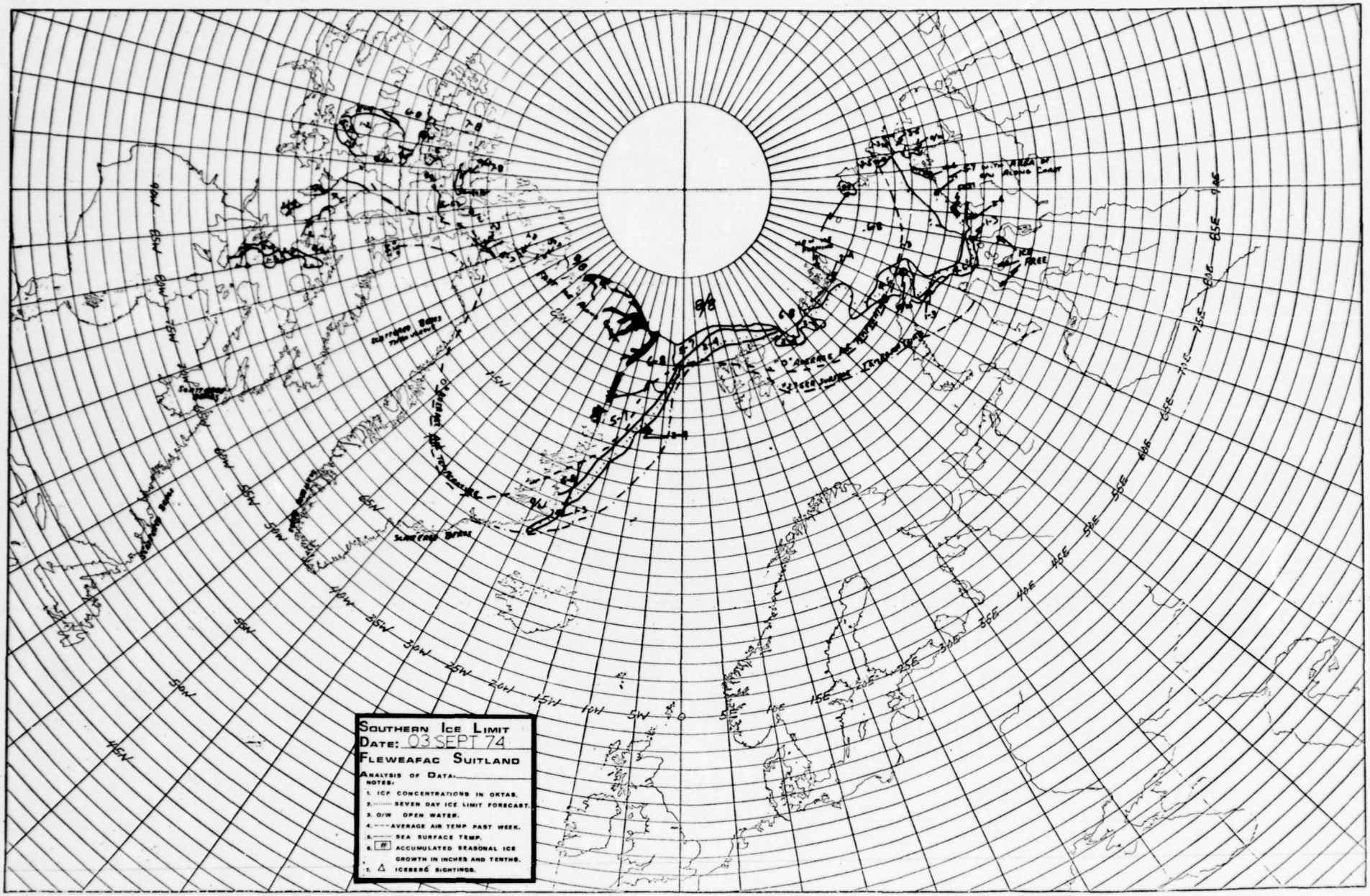

SOUTHERN ICE LIMIT
DATE: 30 JULY 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
PAST ICE
PAST ICE
PAST ICE
ICE LIMIT
ICE LIMIT
ICE LIMIT

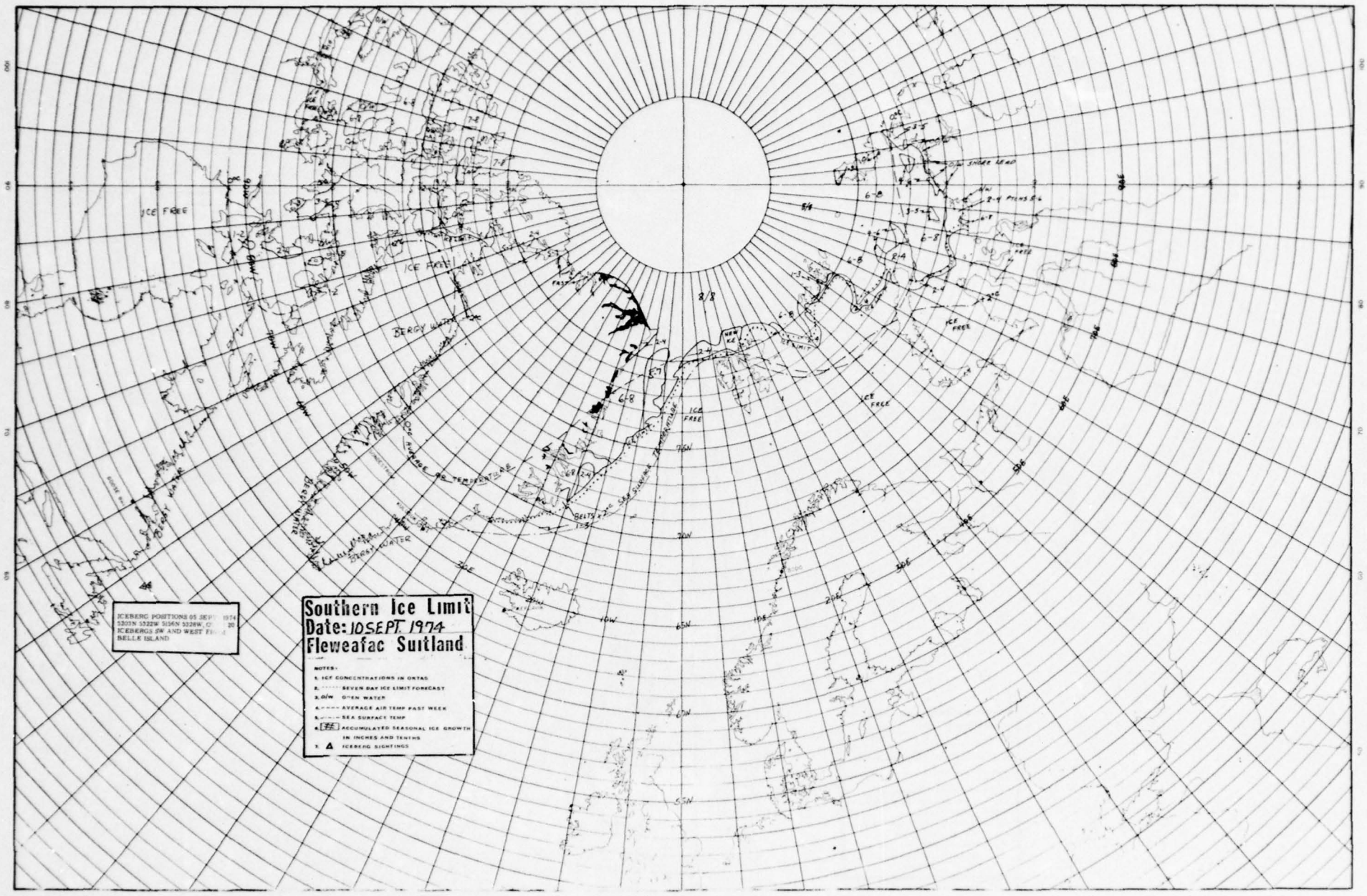

SOUTHERN ICE LIMIT
DATE: 06 AUG 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 13 AUG 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. ff ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
FAST ICE BREAKING 7-8
FAST ICE BREAKING 6-8
STANDARD BUOYS
ICE LATED BUOYS
ICEBERGS
0
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FAST ICE
SEA SURFACE TEMPERATURE
SEA SURFACE TEMPERATURE
SEA SURFACE TEMPERATUR


Southern Ice Limit
Date: 27AUG 1974
Fleweafac Suitland
NOTES:
1. ICE CONCENTRATIONS IN OKTAS
2. ····· SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. ---- AVERAGE AIR TEMP PAST WEEK
5. -·-·- SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FAST
FAST
STRIPY BELTS
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
SCATTERED OPENS THROUGH OUT
NEW ICE FORMING
NEW ICE FORMING
NEW ICE FORMING
NEW ICE FORMING
SEVERAL OPENS
SEVERAL OPENS WITH AREAS OF OPEN WATER
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 03 SEPT 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
AREA OF ALPHA LAKE
D'ANCERNE
SUTTERED BERGS
SUTTERED BERGS
SUTTERED BERGS


Southern Ice Limit
Date: 10 SEPT. 1974
Fleweafac Suitland
NOTES:
1. ICE CONCENTRATIONS IN OKTAS
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK
5. SEA SURFACE TEMP
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS
7. ICEBERG SIGHTINGS
ICEBERG POSITIONS 05 SEPT 1974
BELLE ISLAND
ICE FREE
BERGY WATER
ICE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
8/8
6-8
2-4
1-3
BELTS
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
PILING
SHORE LEAD
70N
65N
60N
55N
10W
20W
30W
40W
50W
60W
70W
80W
90W
100W
110W
120W
130W
140W
150W
160W
170W
180
170E
160E
150E
140E
130E
120E
110E
100E
90E
80E
70E
60E
50E
40E
30E
20E
10E
0
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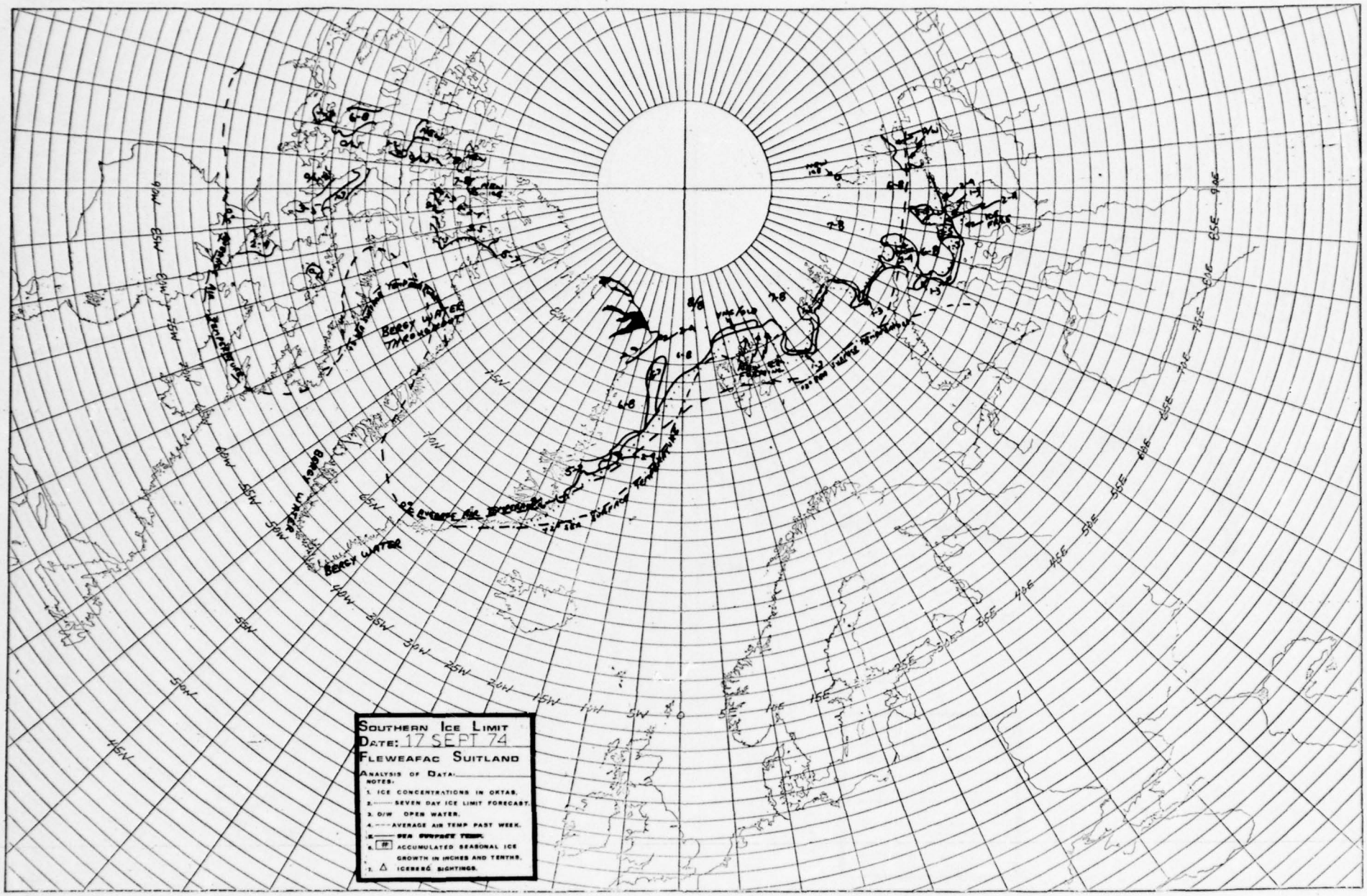
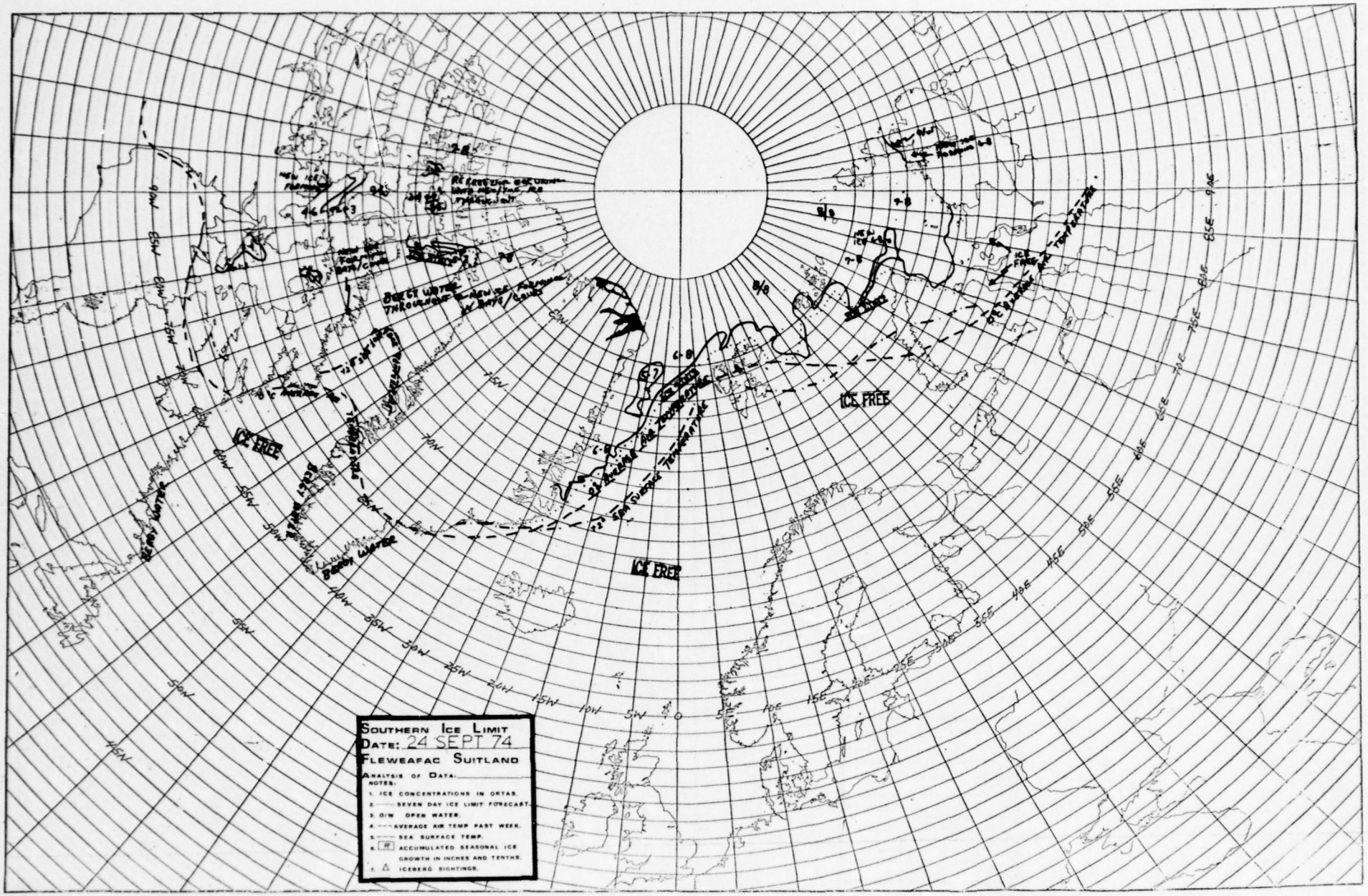
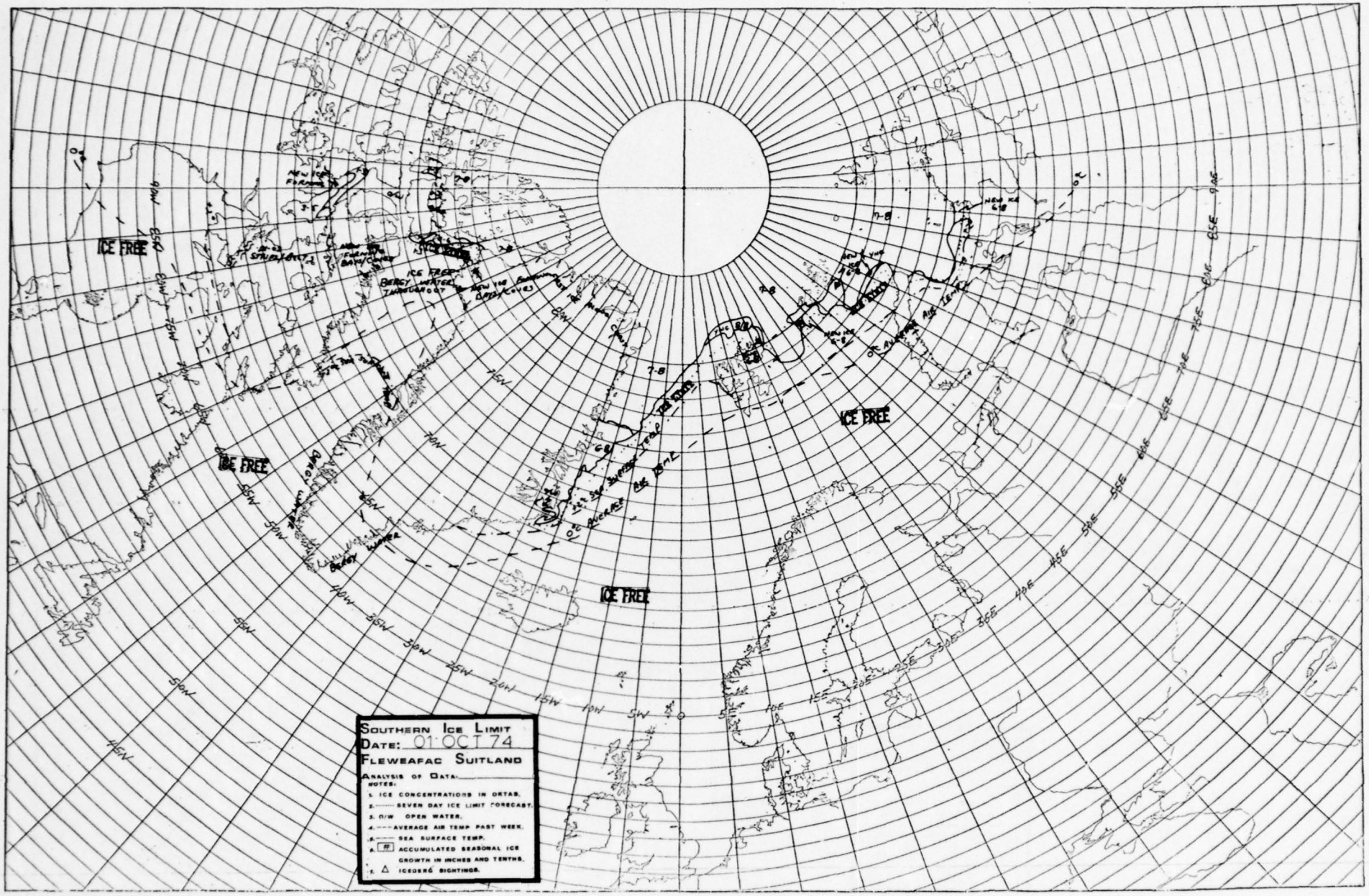
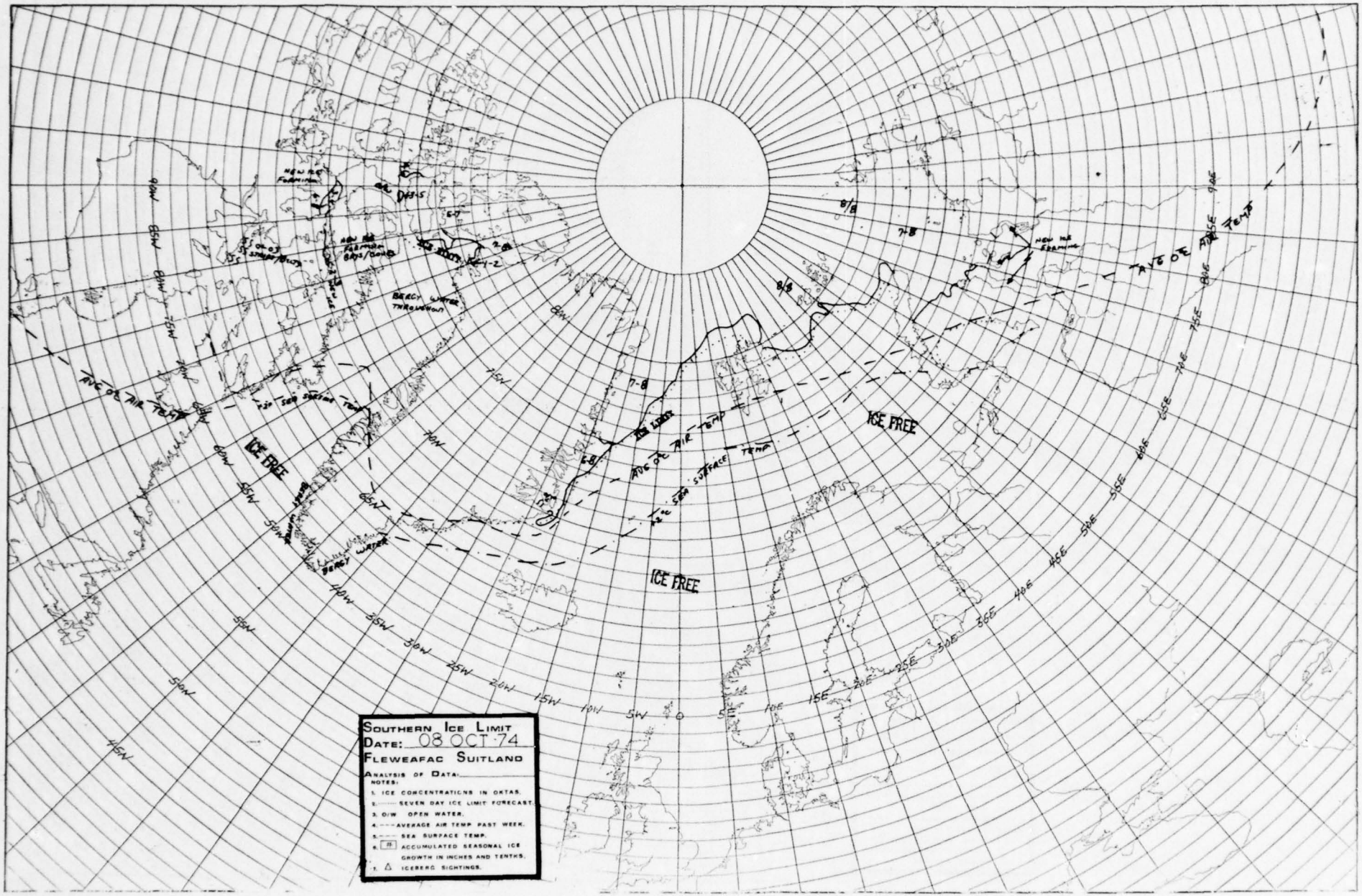
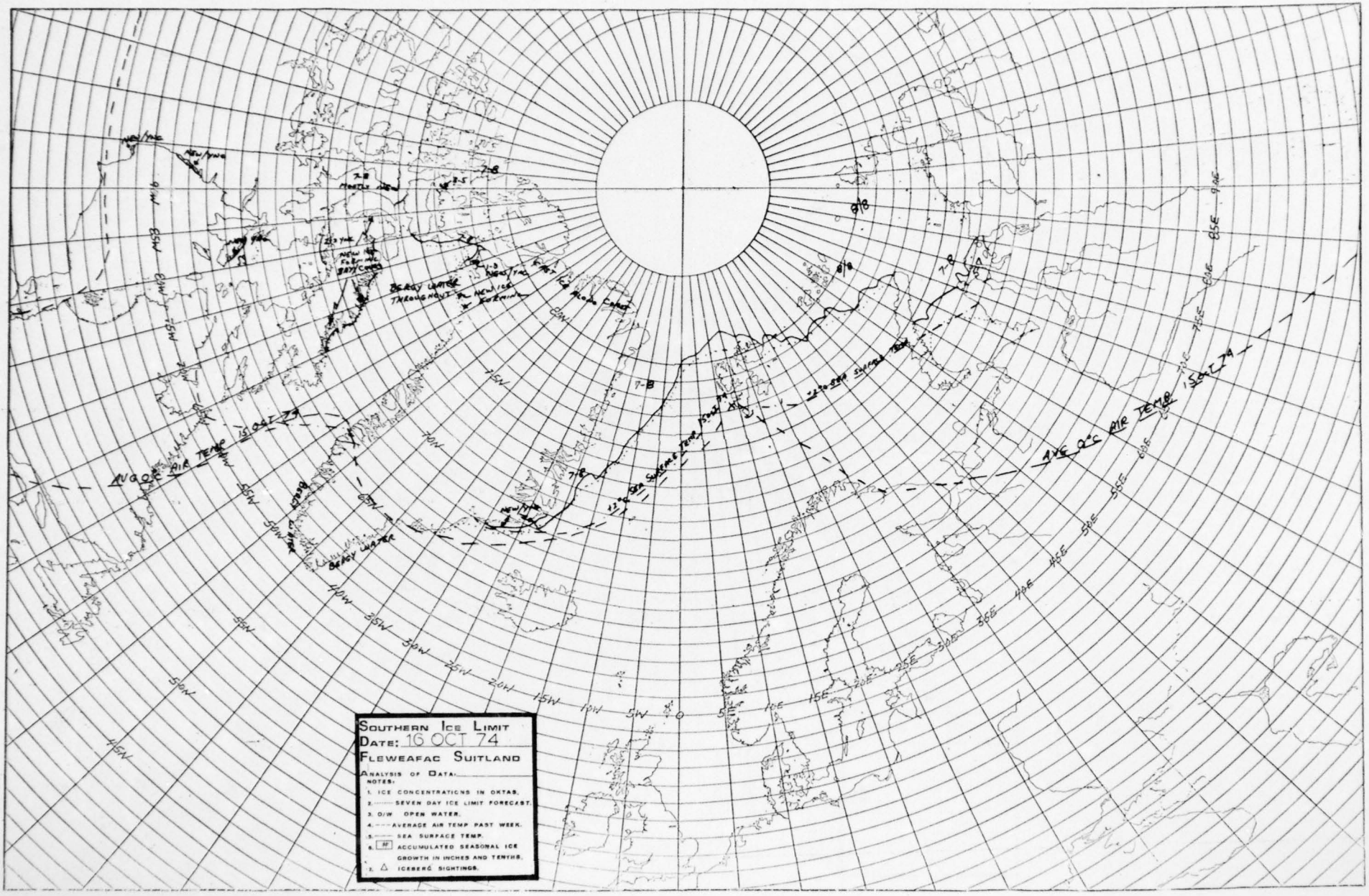
80
90
100
110
120
130
140
150
160
170
180

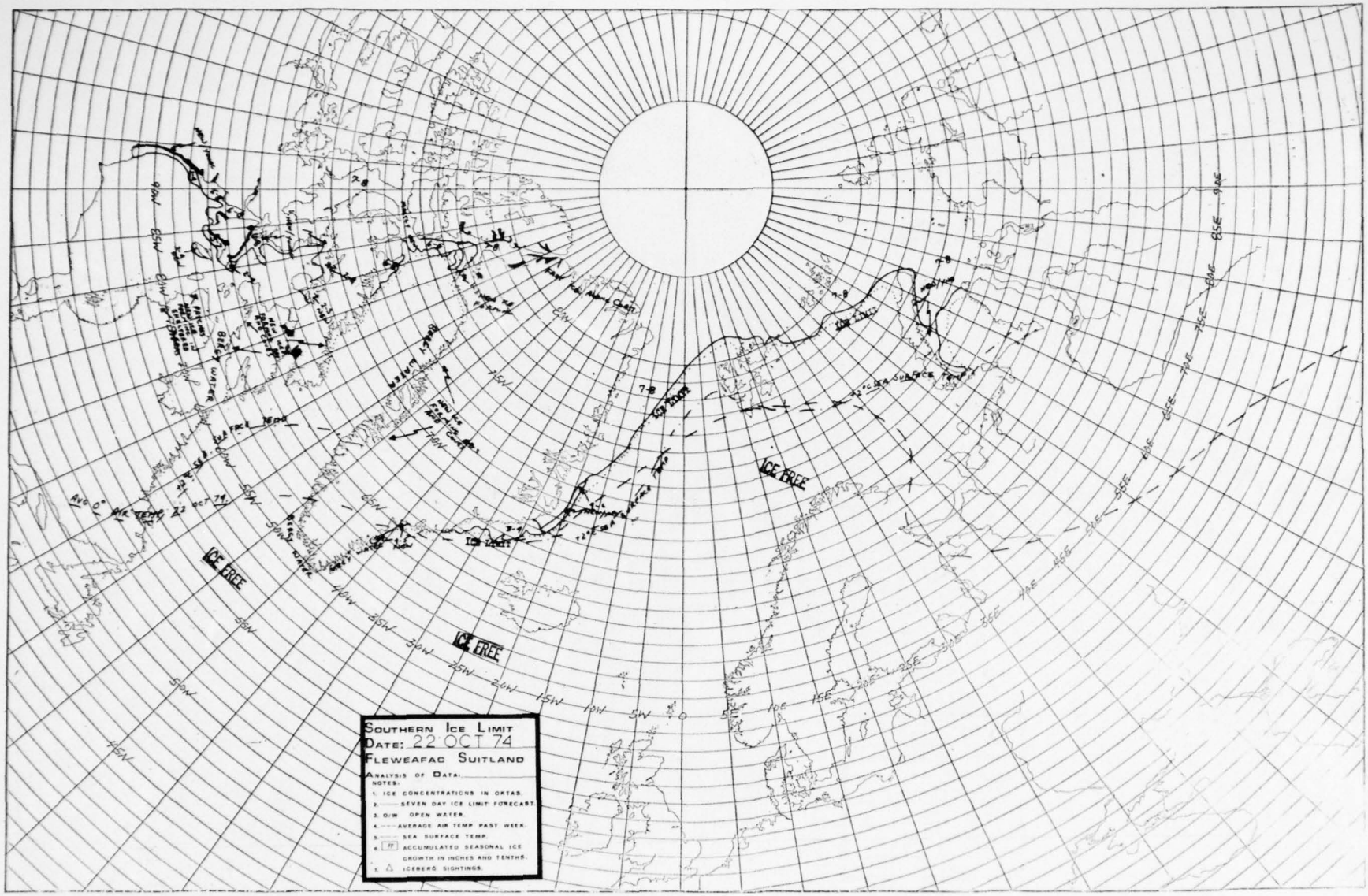

SOUTHERN ICE LIMIT
DATE: 17 SEPT 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
BERGY WATER
BERGY WATER
BERGY WATER
8/8
6-8
5-7
2-8
0-W
15W
10W
5W
0
5E
10E
15E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
45W
40W
35W
30W
25W
20W
15W
10W
5W
50W
55W
60W
65W
70W
75W
80W
85W
90W

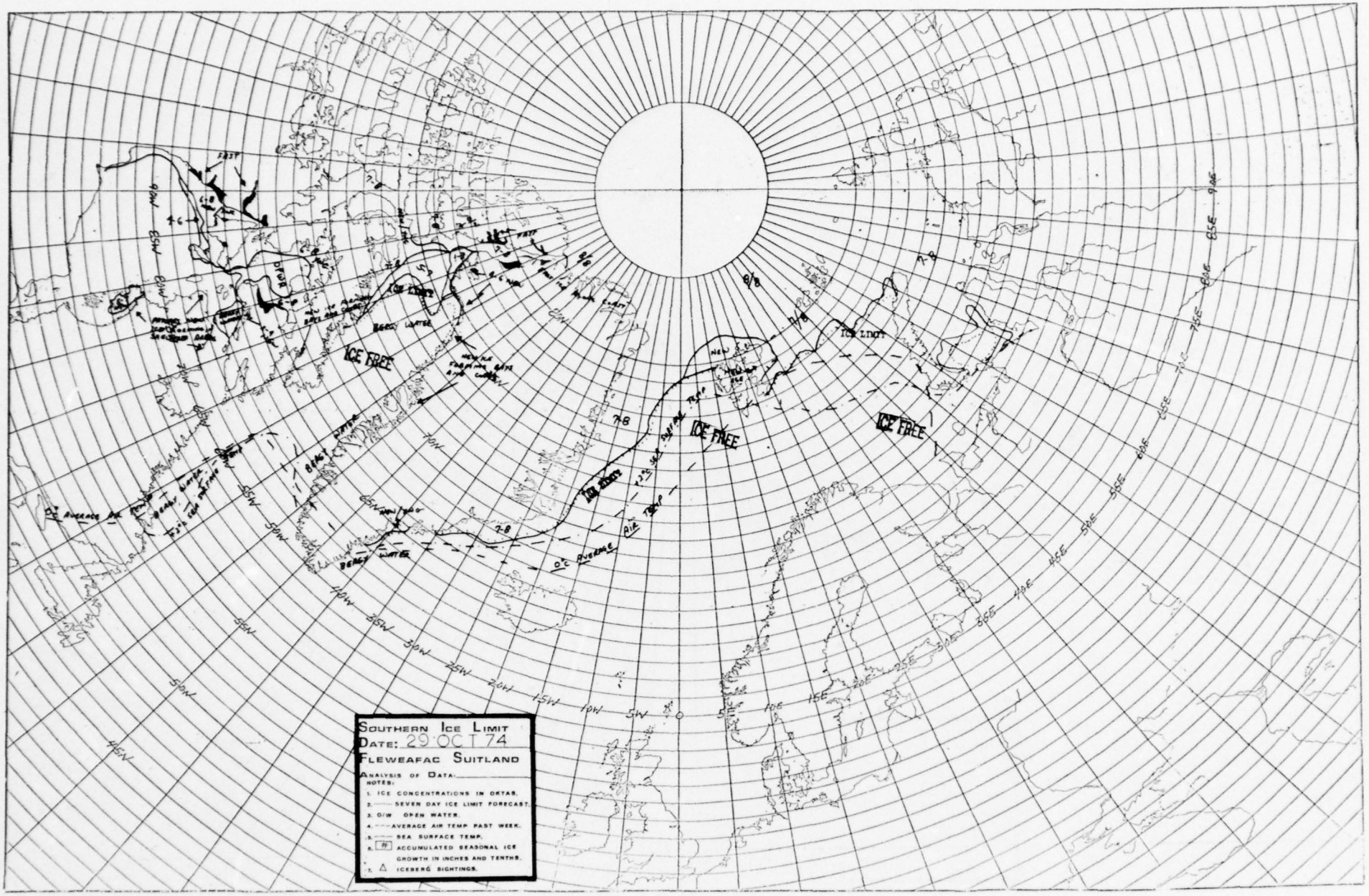

SOUTHERN ICE LIMIT
DATE: 24 SEPT 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
OPEN WATER
OPEN WATER
OPEN WATER
ICE FREE
ICE FREE
ICE FREE

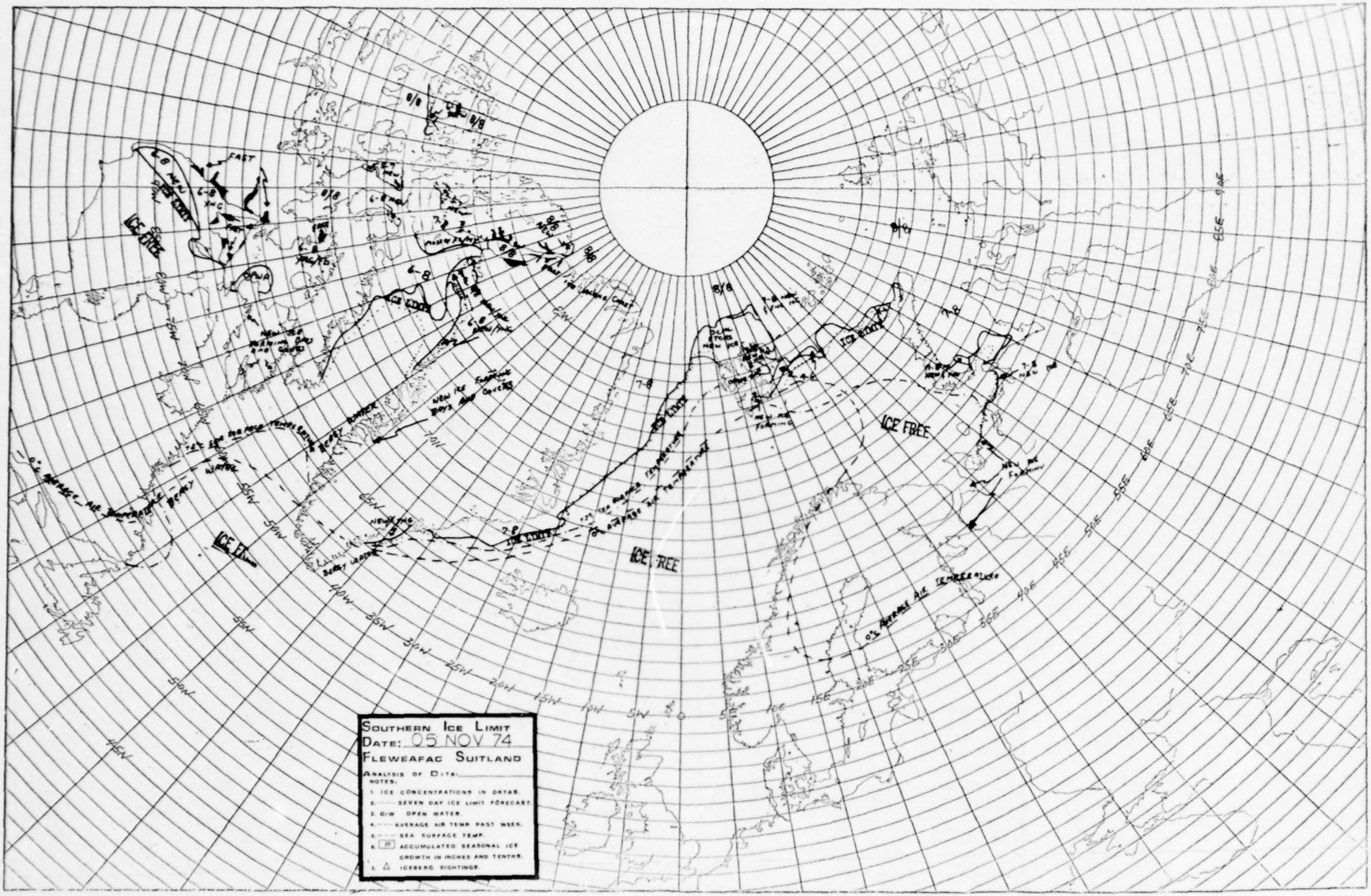

ICE FREE
ICE FREE
ICE FREE
ICE FREE
SOUTHERN ICE LIMIT
DATE: 01 OCT 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN ORTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

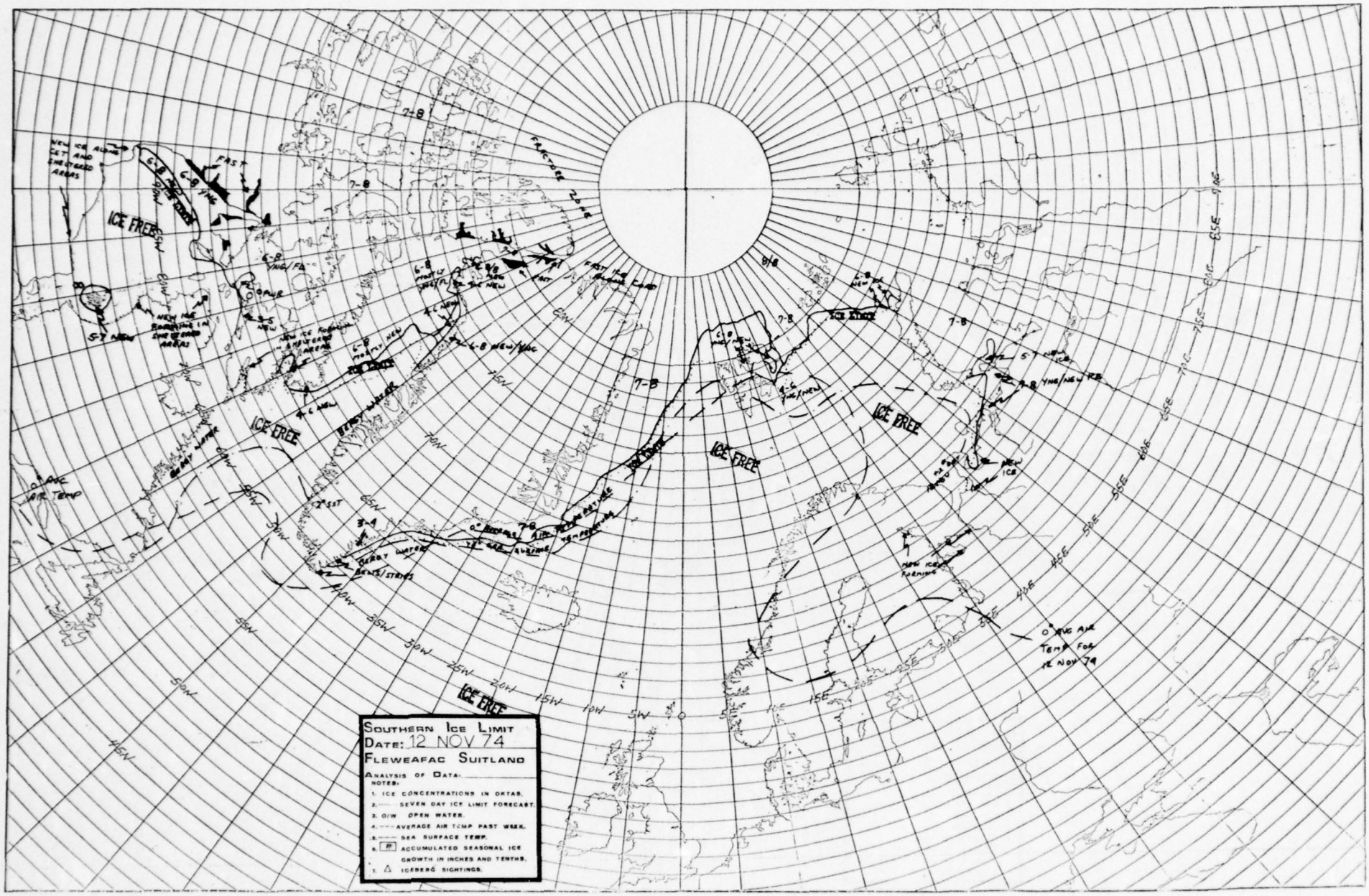

SOUTHERN ICE LIMIT
DATE: 08 OCT 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
AVE OF AIR TEMP
SEA SURFACE TEMP
BERGY WATER
NEW ICE FORMING
NEW ICE FORMING
NEW ICE FORMING
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

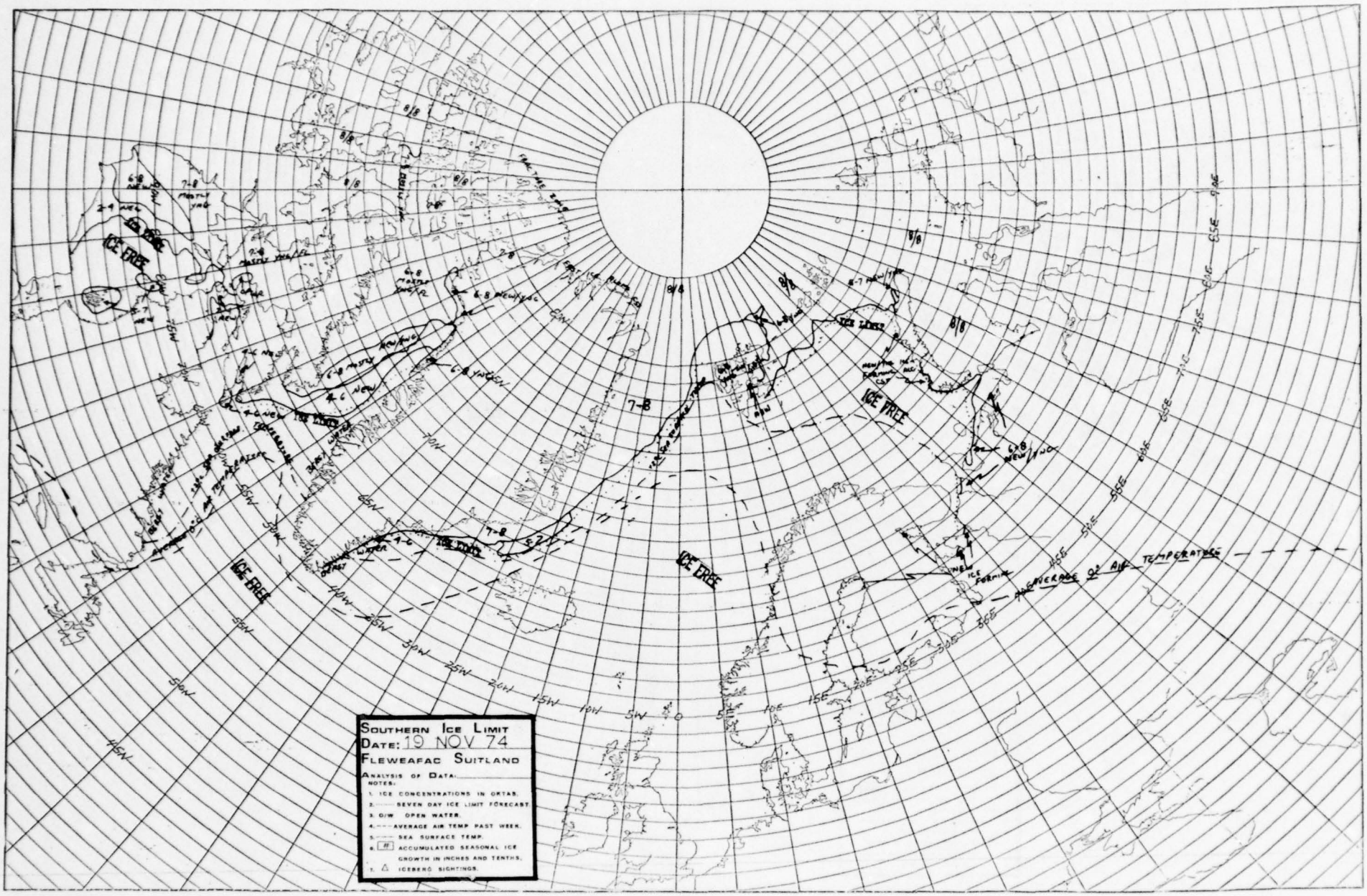

SOUTHERN ICE LIMIT
DATE: 16 OCT 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
AVG 0°C AIR TEMP 15 OCT 74
AVE 0°C AIR TEMP 15 OCT 74
BERGY WATER
BERGY WATER THROUGHOUT IN NEW ICE IN FORMING
ICE FLOW CLOSE
SURFACE TEMP 5°C
SURFACE TEMP 10°C
NEW ICE FORMING BAY/COVE
MOSTLY ICE
NEW ICE
7-8
8/8
0
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
80W
85W
90W
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

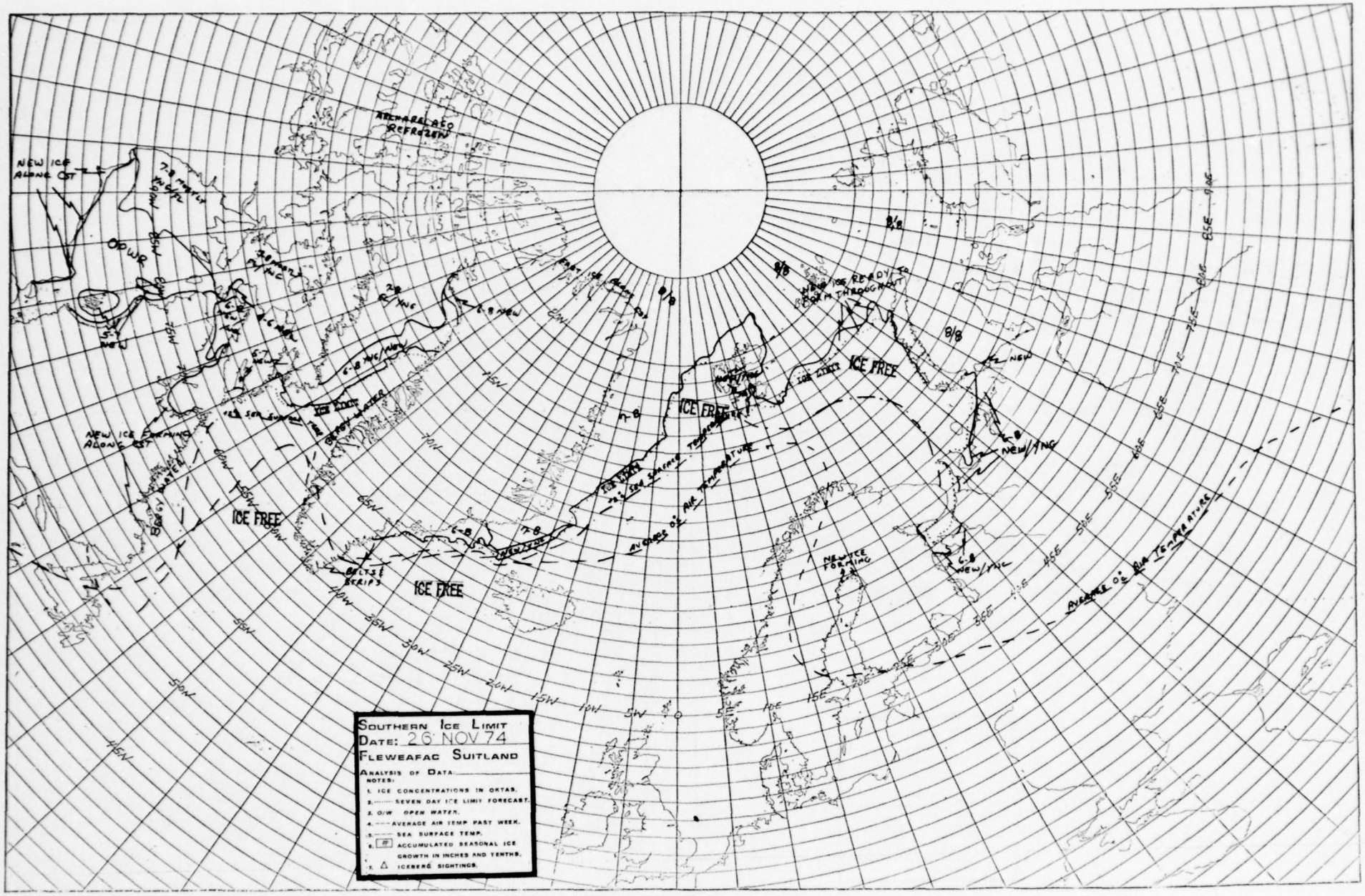

SOUTHERN ICE LIMIT
DATE: 22 OCT 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE

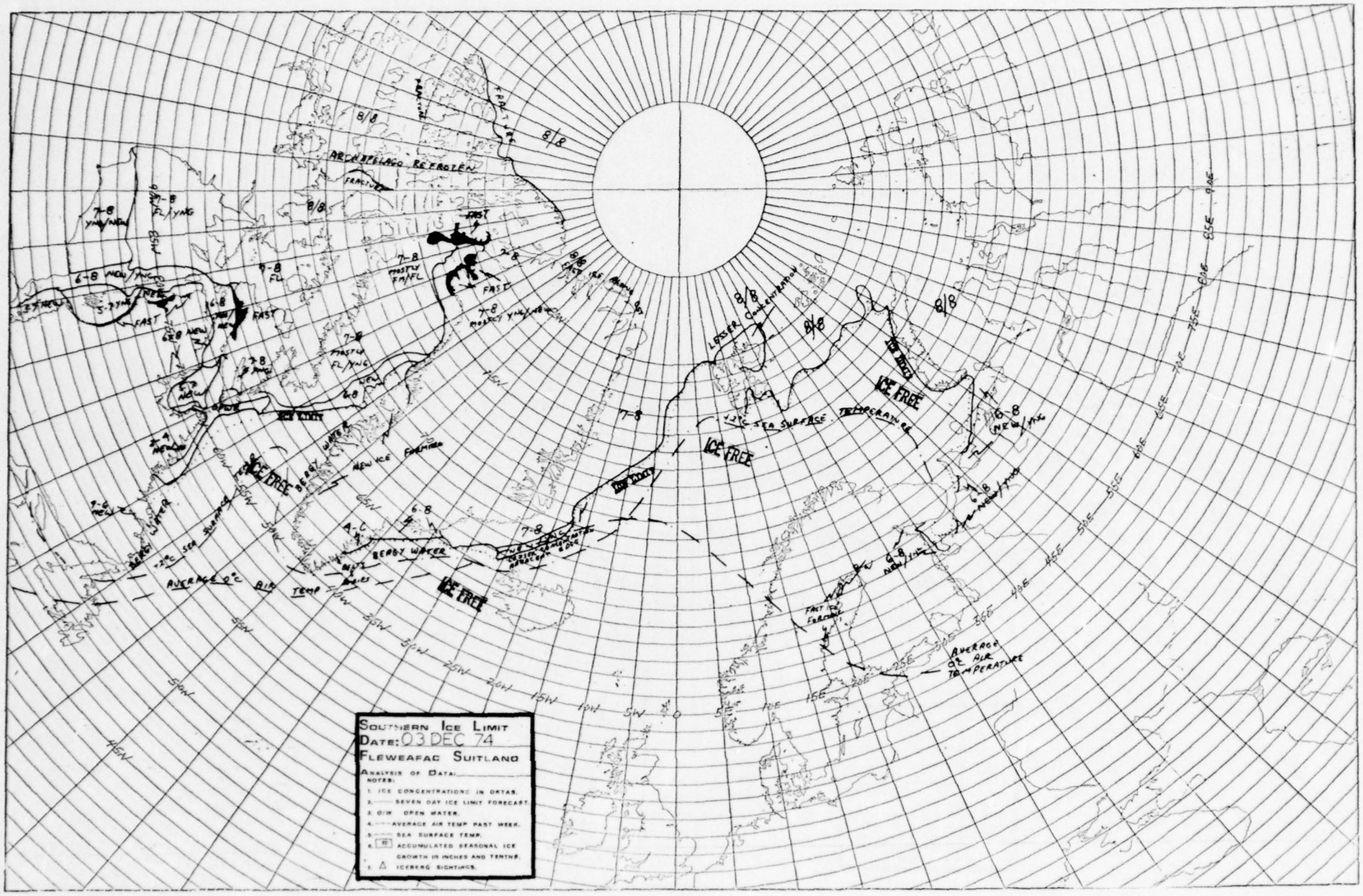

ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
BERG WATER
BERG WATER
0°C AVERAGE
AIR TEMP
SEA SURFACE TEMP
7-8
8/8
7/8
SOUTHERN ICE LIMIT
DATE: 29 OCT 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ····· SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP. PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.

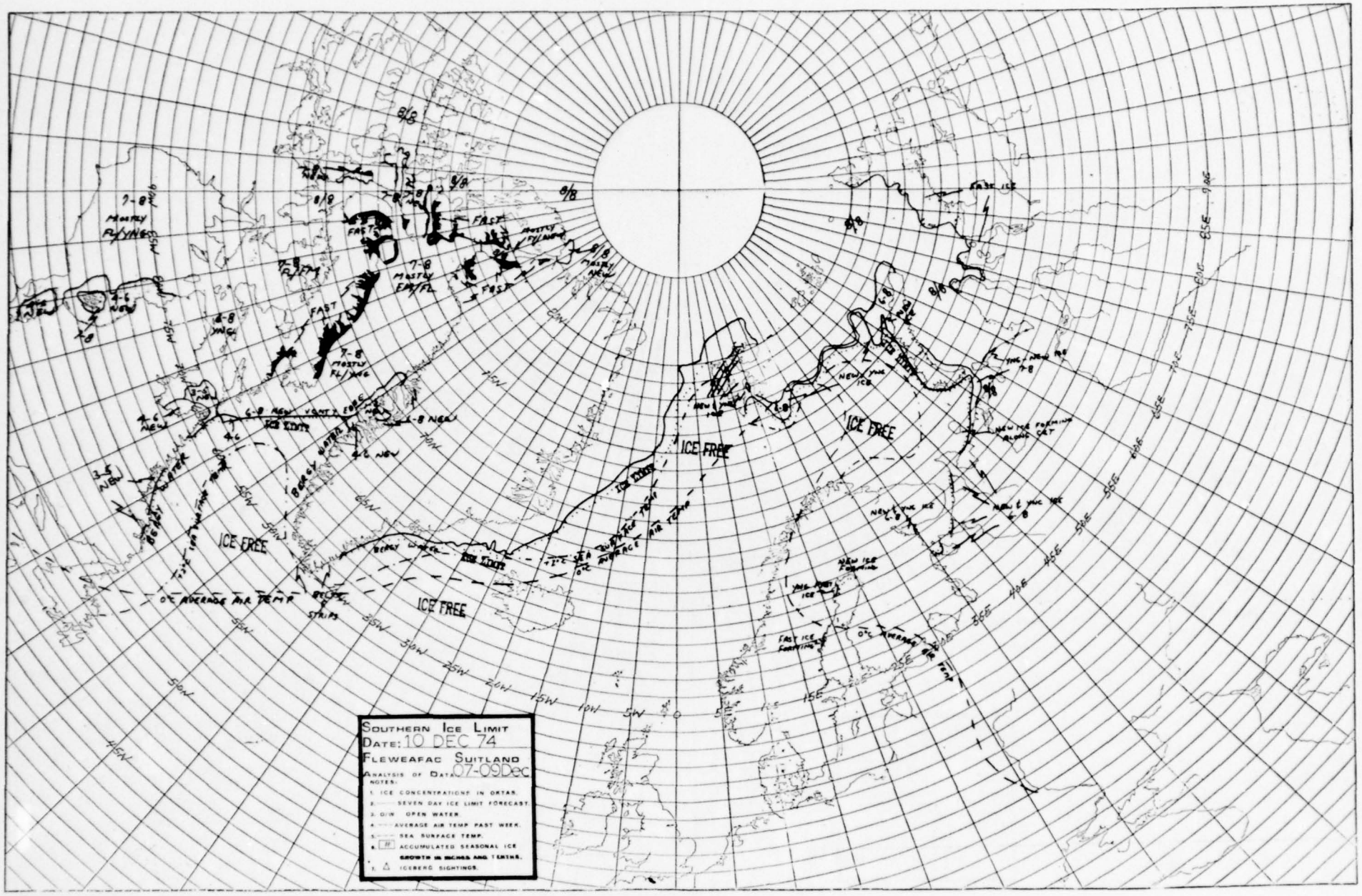

SOUTHERN ICE LIMIT
DATE: 05 NOV 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE EDGE
ICE EDGE
ICE EDG


SOUTHERN ICE LIMIT
DATE: 12 NOV 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. —— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FRACTURE ZONE
FAST ICE
NEW ICE FORMING
0° AVG AIR TEMP FOR 12 NOV 74


SOUTHERN ICE LIMIT
DATE: 19 NOV 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ## ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
7-8
8/8
NEW ICE FORMING
AVERAGE 02 AIR TEMPERATURE
0
5W
10W
15W
20W
25W
30W
35W
40W
45W
50W
55W
60W
65W
70W
75W
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E


SOUTHERN ICE LIMIT
DATE: 26 NOV 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
NEW ICE ALONE COT
OPWR
ICE EDGE
GREAT WATER
BELTS & STRIPS
NEW ICE FORMING ALONE COT
ICE EDGE
ICE EDGE
ICE EDGE
AVERAGE OF AIR TEMPERATURE
AVERAGE OF AIR TEMPERATURE
NEW ICE FORMING
NEW ICE READY TO FORM THROUGHOUT
8/8
8/8
8/8
8/8
NEW/ING
NEW/ING
NEW/ING
NEW/ING
NEW
NEW
NEW
NEW
7-8 NEW
7-8 NEW
7-8 NEW
7-8 NEW
6-8 NEW
6-8 NEW
6-8 NEW
6-8 NEW
6-8 NEW/ING
6-8 NEW/ING
6-8 NEW/ING
6-8 NEW/ING
5-7 NEW
5-7 NEW
5-7 NEW
5-7 NEW
2-8 R/NEW
2-8 R/NEW
2-8 R/NEW
2-8 R/NEW
2-8 R/NEW
2-8 R/NEW
2-8 R/NEW
2-8 R/NEW
2-8 SOR SUMMER
2-8 SOR SUMMER
2-8 SOR SUMMER
2-8 SOR SUMMER
2-8 SOR SUMMER
2-8 SOR SUMMER
2-8 SOR SUMMER
2-8 SOR SUMMER
7-8 NEW/ING
7-8 NEW/ING
7-8 NEW/ING


SOUTHERN ICE LIMIT
DATE: 03 DEC 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA:
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ARCHIPELAGO REFROZEN
ICE FREE
ICE FREE
ICE FREE


SOUTHERN ICE LIMIT
DATE: 10 DEC 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 07-09Dec
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST
3. O/W OPEN WATER
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FAST
FAST
FAST
FAST
7-8 MOSTLY FL/YNG
7-8 MOSTLY FAST/FL
7-8 MOSTLY FL/YNG
8/8
8/8
8/8
8/8
8/8
8/8
8/8
8/8
6-8 YNG
4-6 NEW
2-5 NEW
6-8 NEW YOUNG ICE
ICE EDGE
6-8 NEW
4-6 NEW
BERGY WATER
BERGY WATER
BERGY WATER
BERGY STRIPS
ICE EDGE
ICE EDGE
ICE EDGE
0°C AVERAGE AIR TEMP
0°C AVERAGE AIR TEMP
0°C AVERAGE AIR TEMP
0°C AVERAGE AIR TEMP
NEW YNG ICE
NEW YNG ICE
NEW ICE FORMING
NEW ICE FORMING
FAST ICE FORMING
FAST ICE
NEW ICE FORMING ALONG CAT
NEW & YNG ICE
NEW & YNG ICE
NEW YNG ICE
7-8
6-8
6-8
6-8
6-8
6-8
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
15E
35E
40E
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50E
55E
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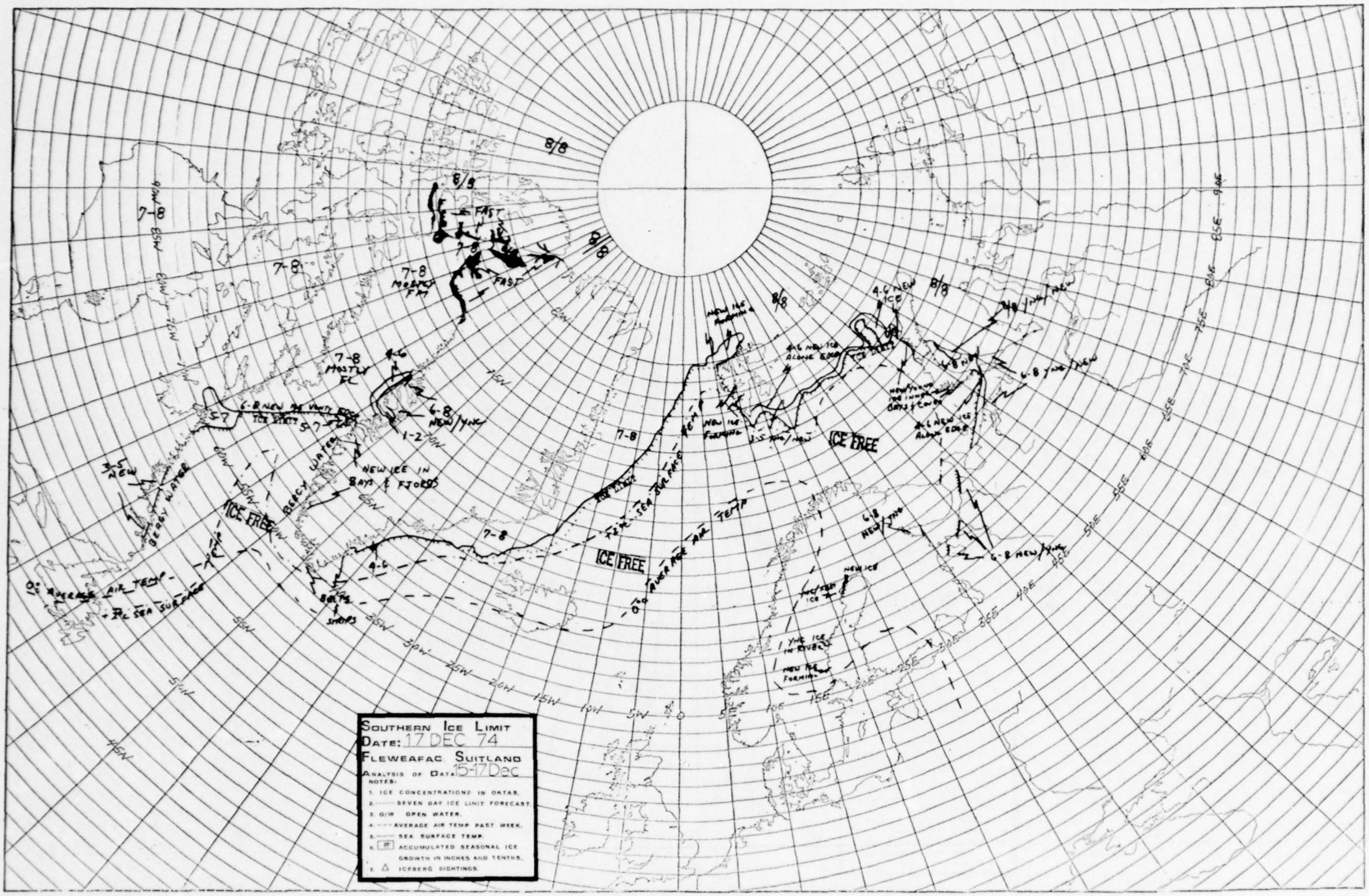
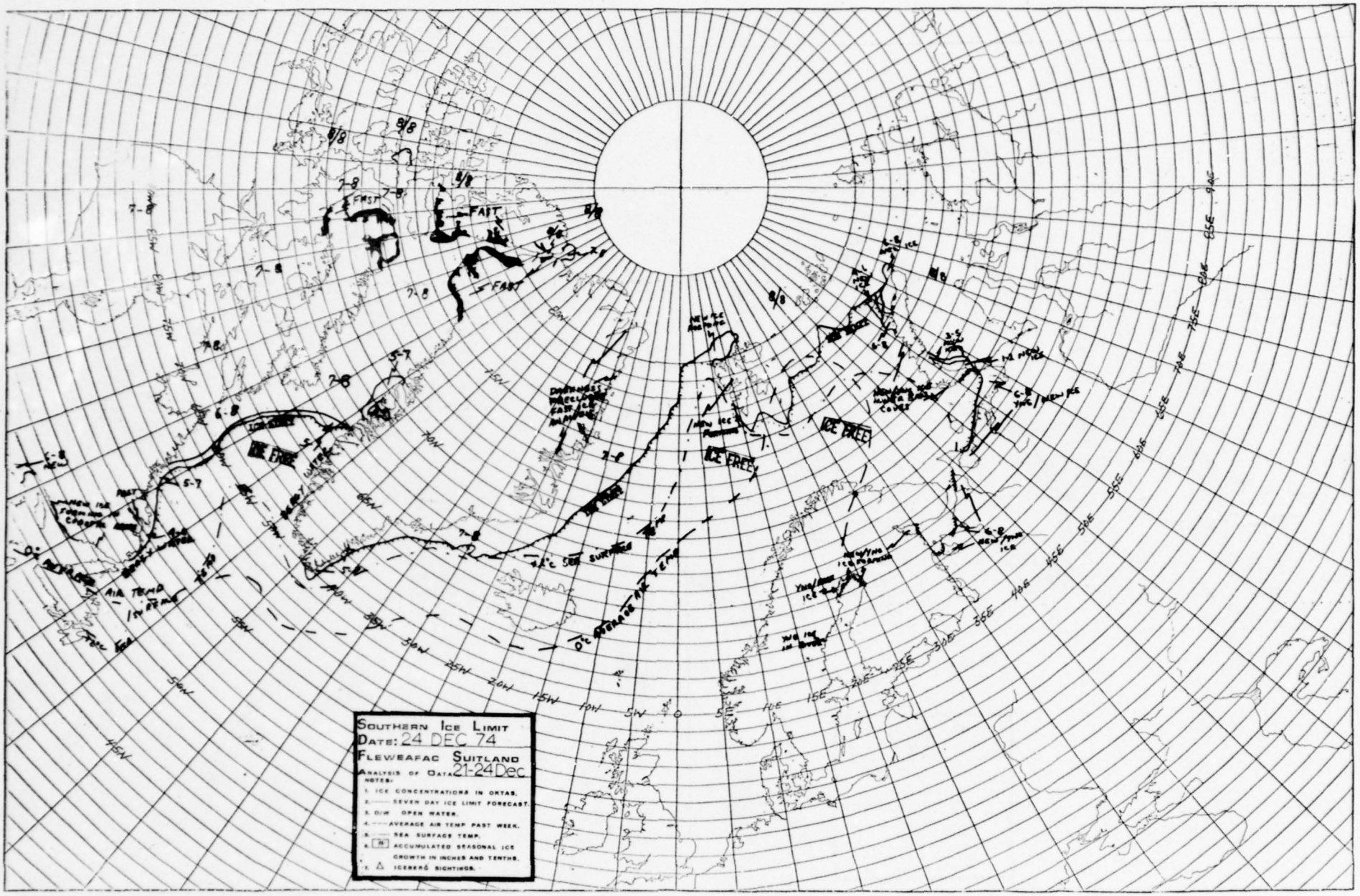
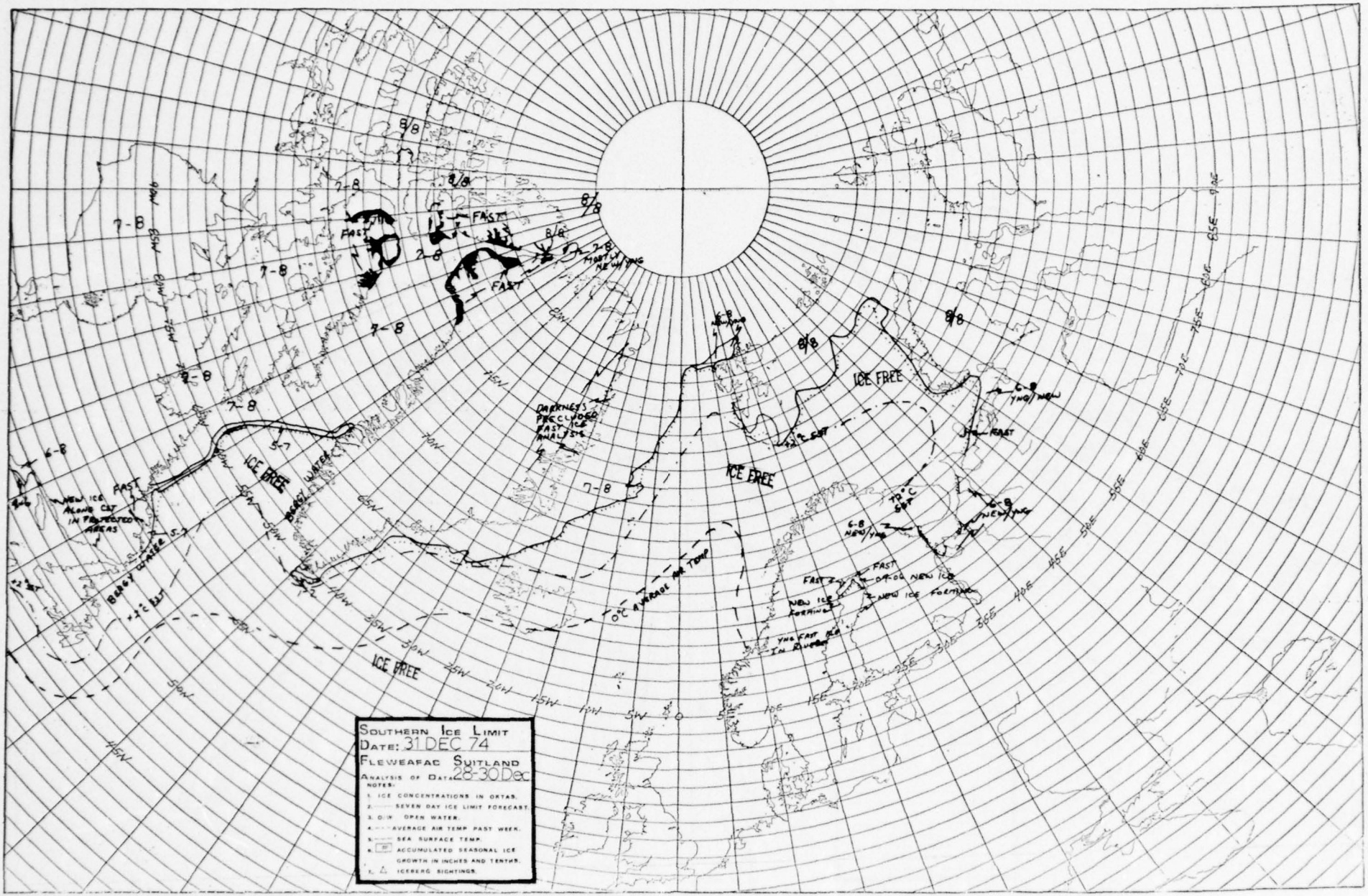
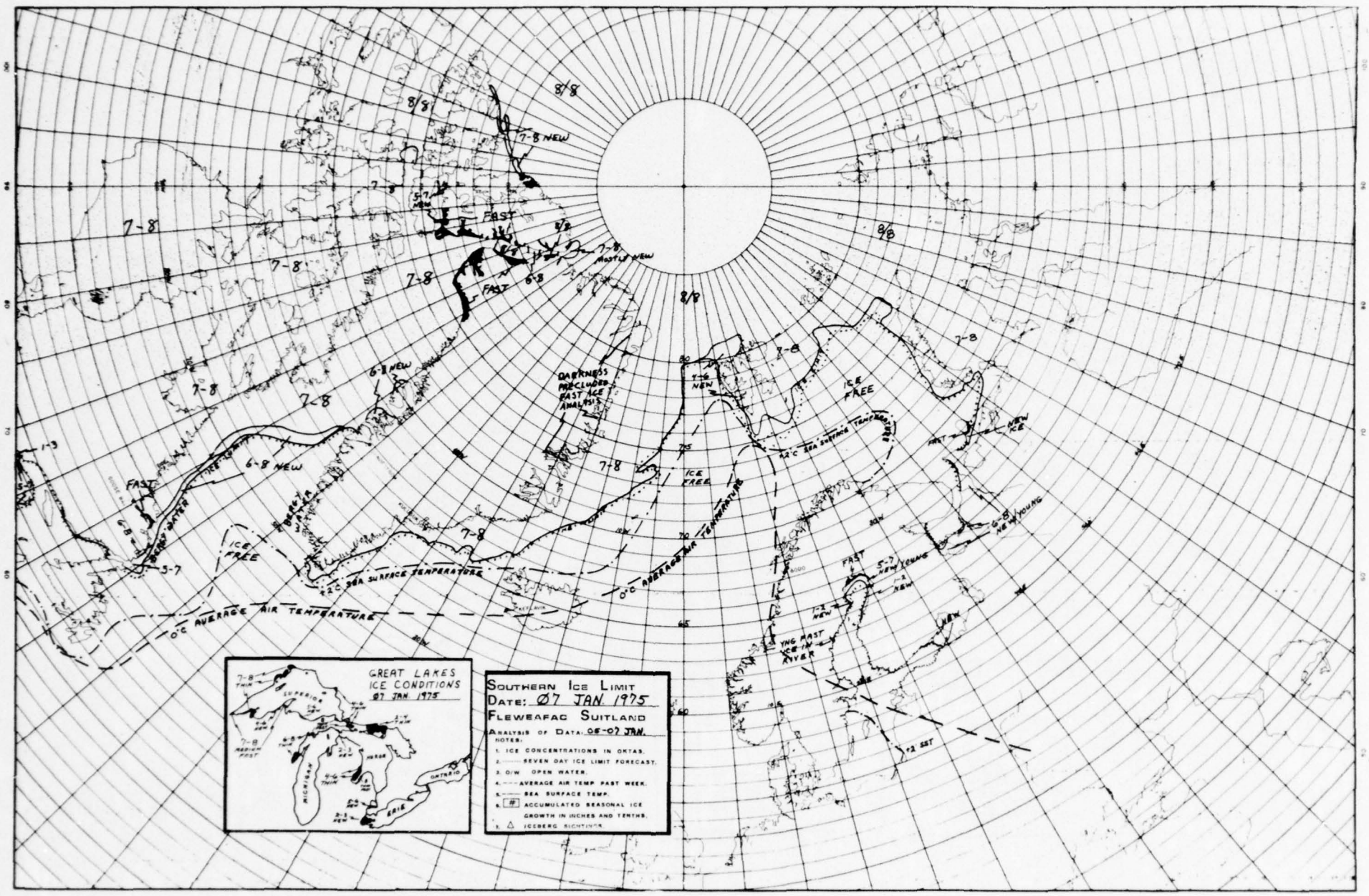
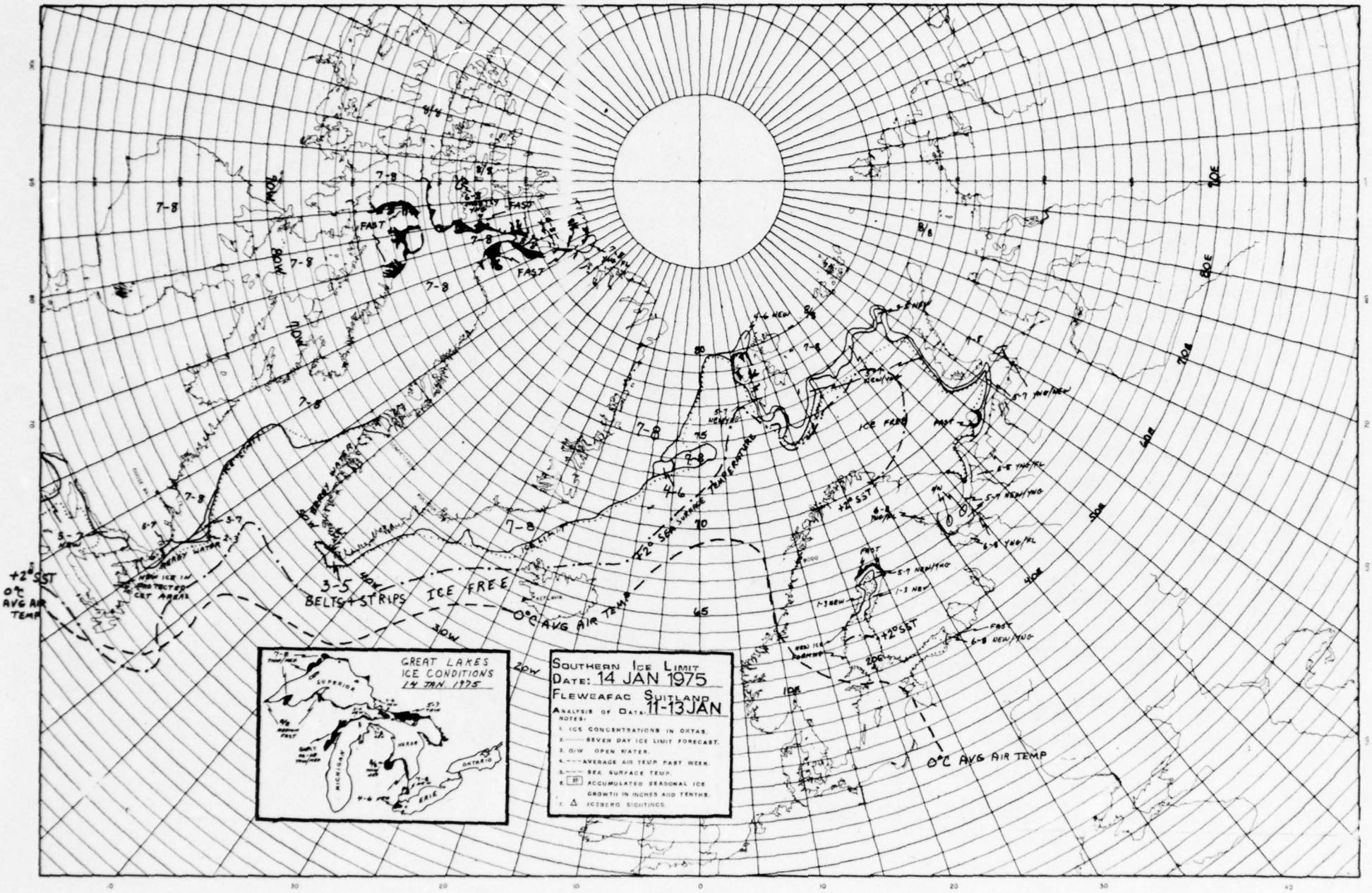
65E
70E
75E
80E
85E
90E

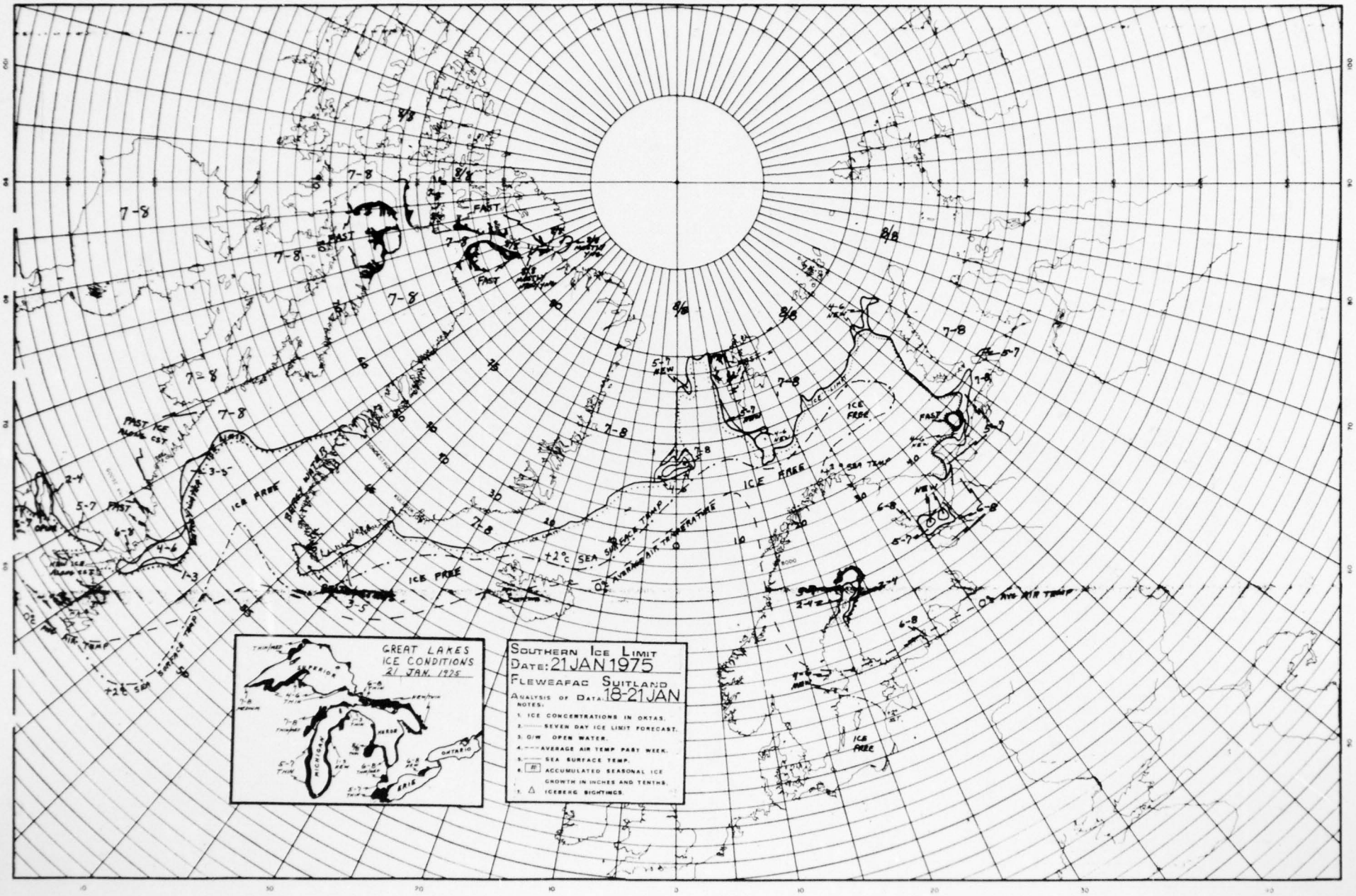

SOUTHERN ICE LIMIT
DATE: 17 DEC 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 15-17 Dec
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
8/8
7-8
FAST
7-8 MOSTLY FY
7-8 MOSTLY FY
4-6
6-8 NEW/YNG
1-2
NEW ICE IN BAYS & FJORDS
BERGY WATER
3-5 NEW
ICE FREE
7-8
4-6
SHOPS
ICE FREE
NEW ICE FORMING
4-6 NEW ICE ALONG EDGE
4-6 ICE
6-8 NEW/YNG
6-8 NEW/YNG
6-8 NEW/YNG
NEW ICE
YNG ICE IN RIVERS
NEW ICE FORMING
0° AVERAGE AIR TEMP
+2° SEA SURFACE
0° AVERAGE AIR TEMP
+2° SEA SURFACE
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

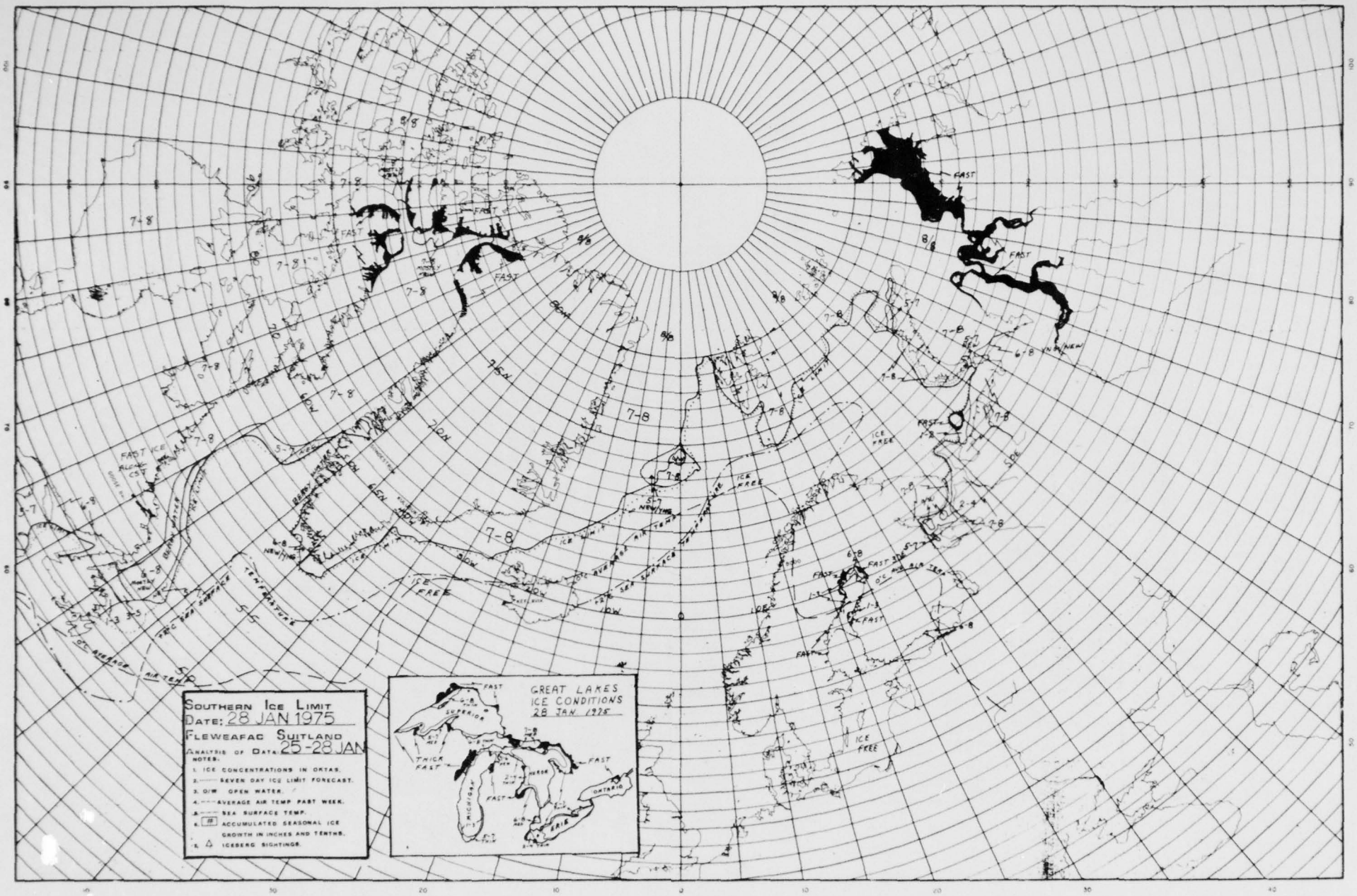

SOUTHERN ICE LIMIT
DATE: 24 DEC 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 21-24 Dec
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
FAST
AIR TREND
OC AVERAGE AIR TEMP

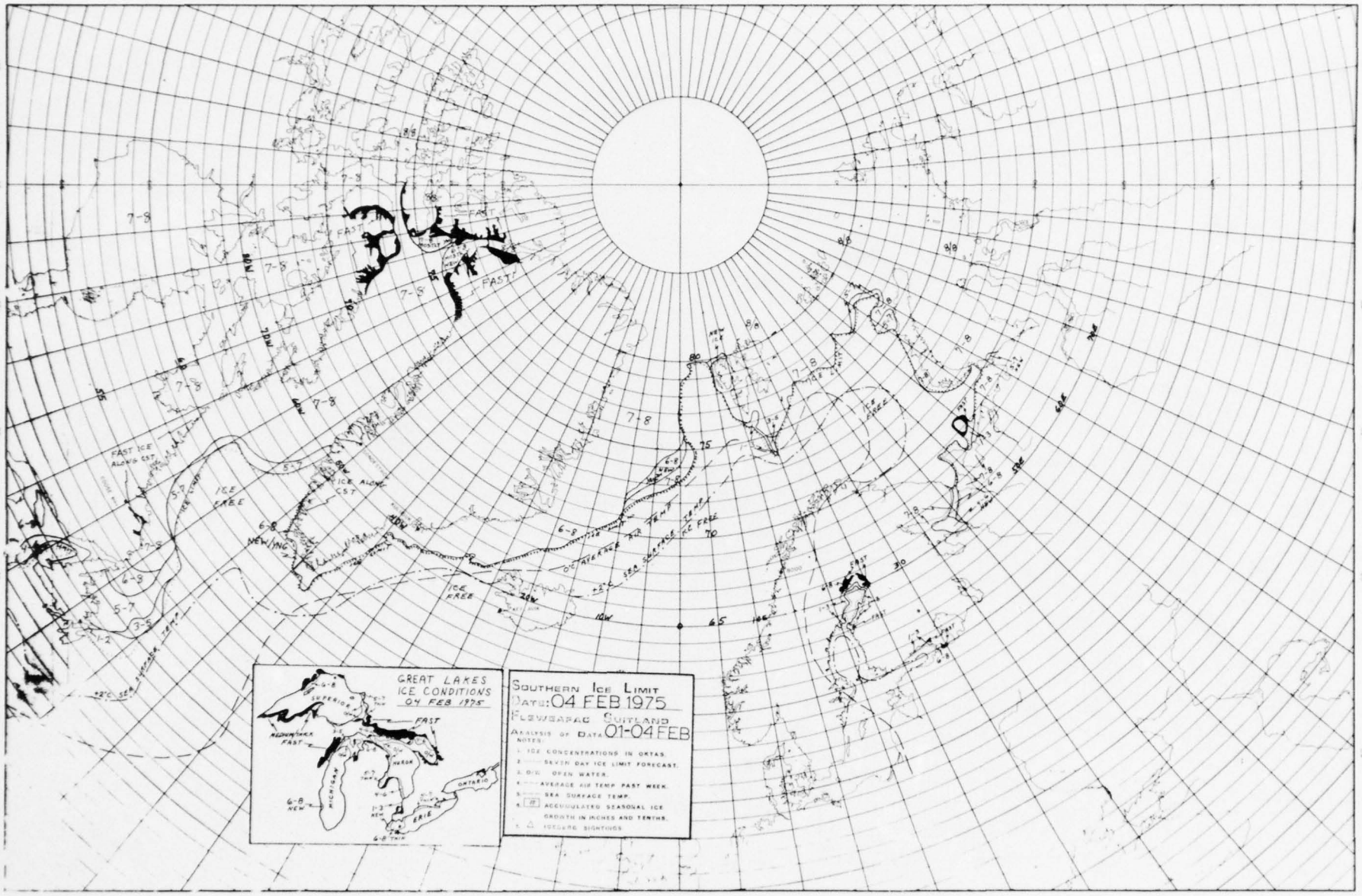

SOUTHERN ICE LIMIT
DATE: 31 DEC 74
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 28-30 Dec
NOTES:-
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
FAST
8/8
7-8
6-8
5-7
DARKNESS PRECLUDED FAST ICE ANALYSIS
NEW ICE ALONG CST IN PROTECTED AREAS
BARGY WATER
-1°C EST
-2°C EST
0°C AVERAGE AIR TEMP
FAST OPEN NEW ICE
NEW ICE FORMING
YNG FAST ICE IN RIVERS
6-8 NEW/YNG
6-8 YNG/NEW
MOSTLY NEW/YNG
60N
55N
50N
45N
40N
35N
30N
25N
20N
15N
10N
5N
0
5S
10S
15S
20S
25S
30S
35S
40S
45S
50S
55S
60S
65S
70S
75S
80S
85S
90S
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E

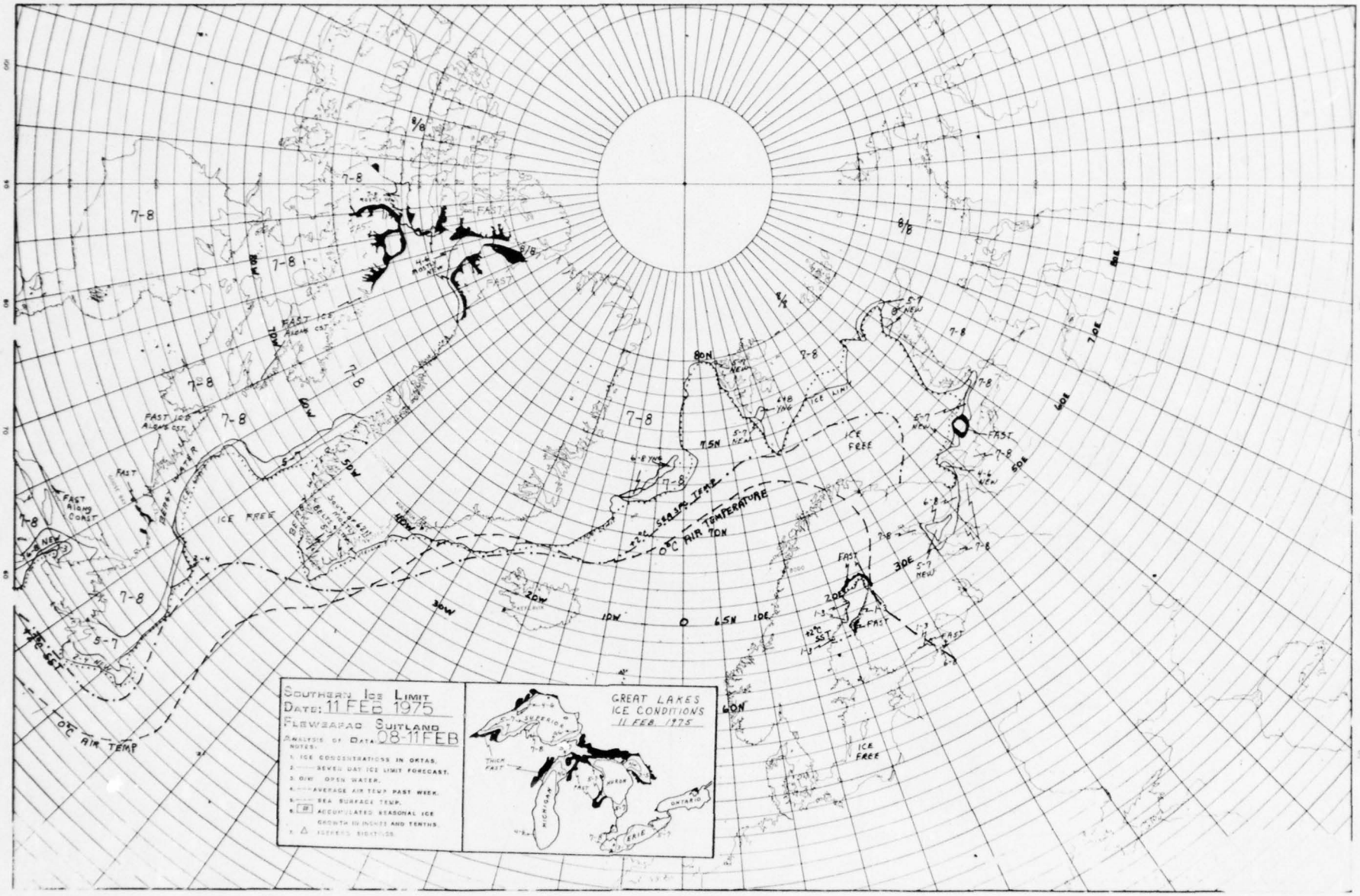

GREAT LAKES
ICE CONDITIONS
07 JAN 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
SOUTHERN ICE LIMIT
DATE: 07 JAN 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 05-07 JAN.
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
8/8
7-8 NEW
FAST
7-8
6-8 NEW
DARKNESS PRECLUDED FAST ICE ANALYSIS
ICE FREE
+2°C SEA SURFACE TEMPERATURE
0°C AVERAGE AIR TEMPERATURE
NEW ICE
6-8 NEW YOUNG
5-7 NEW YOUNG
YNG MOST ICE IN RIVER
+2 SST

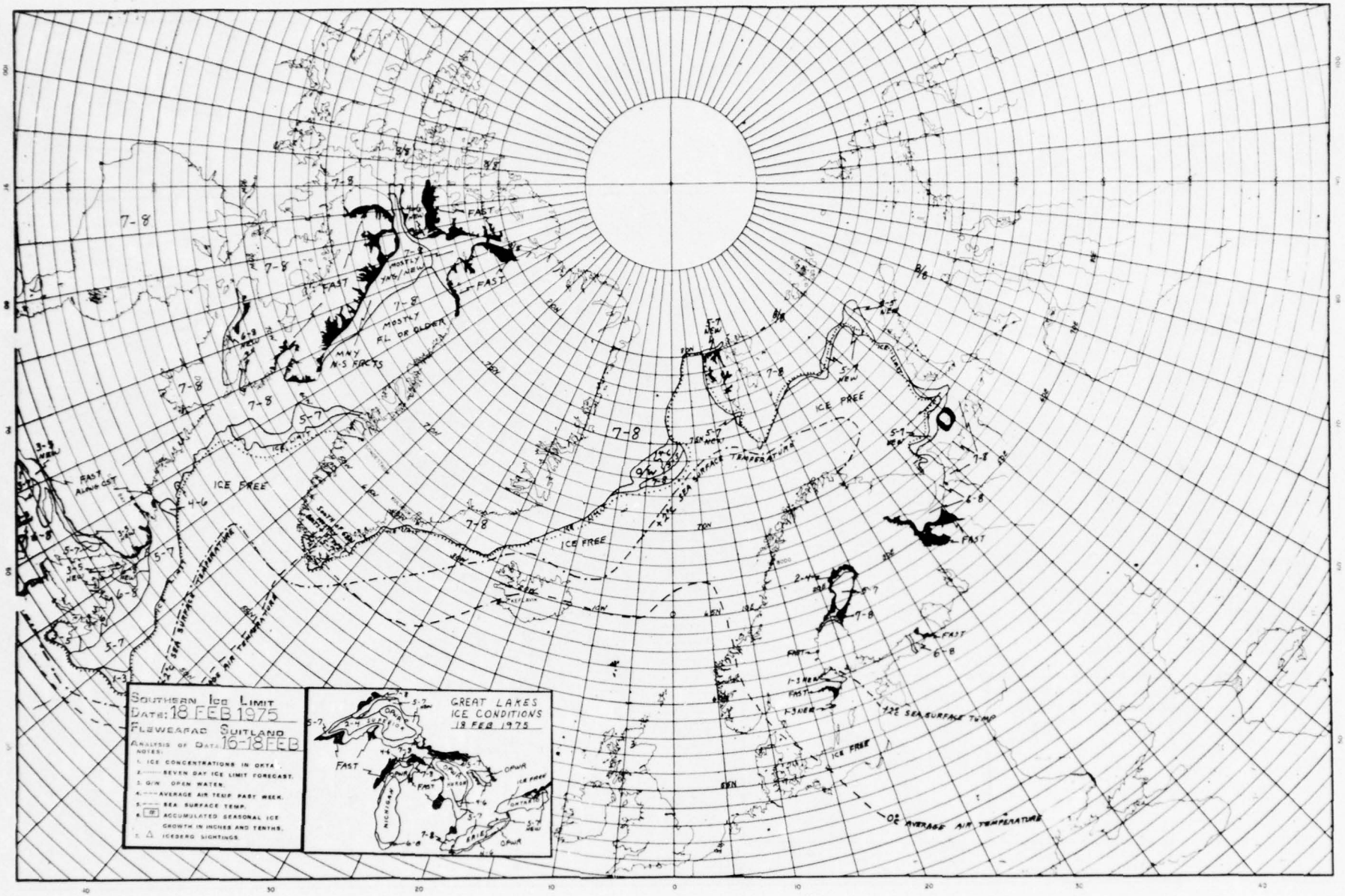

SOUTHERN ICE LIMIT
DATE: 14 JAN 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 11-13JAN
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS 14 JAN 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
ICE FREE
BELTS + STRIPS
0°C AVG AIR TEMP
+2° SST
0°C AVG AIR TEMP
FAST
7-8
3-5
80W
70W
60W
50W
40W
30W
20W
10W
0
10E
20E
30E
40E
50E
60E
70E
80E
90E
100E
110E
120E
130E
140E
150E
160E
170E
180E
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0

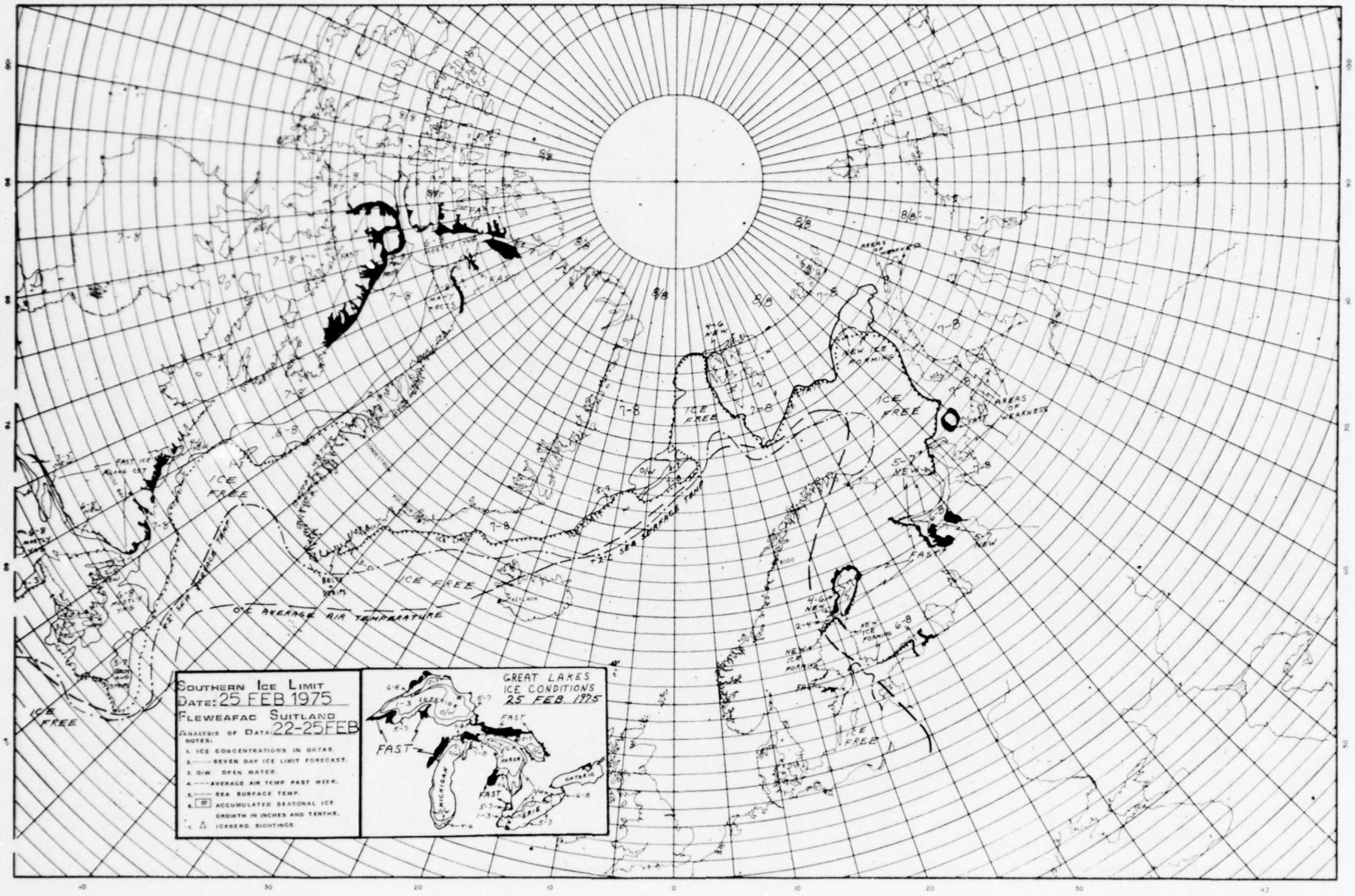

SOUTHERN ICE LIMIT
DATE: 21 JAN 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 18-21 JAN
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES
ICE CONDITIONS
21 JAN. 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
ICE FREE
FAST
+2°C SEA SURFACE TEMP
0°C AVERAGE AIR TEMPERATURE
0°C AVG AIR TEMP
SEA TEMP
ICE LIMIT
7-8
8/8
5-7
6-8
2-4
3-5
4-6
1-3

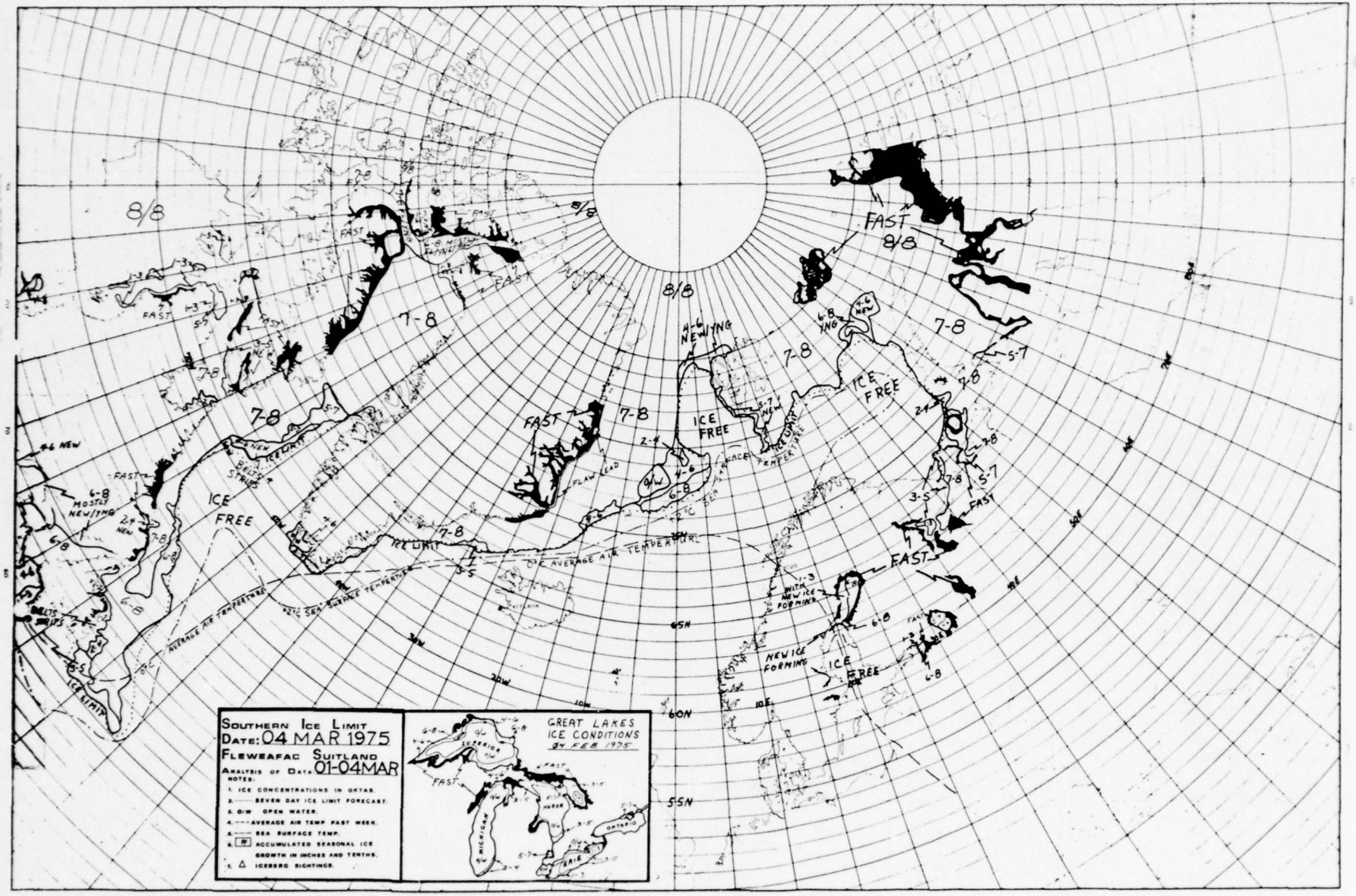

SOUTHERN ICE LIMIT
DATE: 28 JAN 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 25-28 JAN
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS 28 JAN 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
THICK FAST
FAST
ICE FREE
FAST ICE
7-8
8/8
NEW ICE

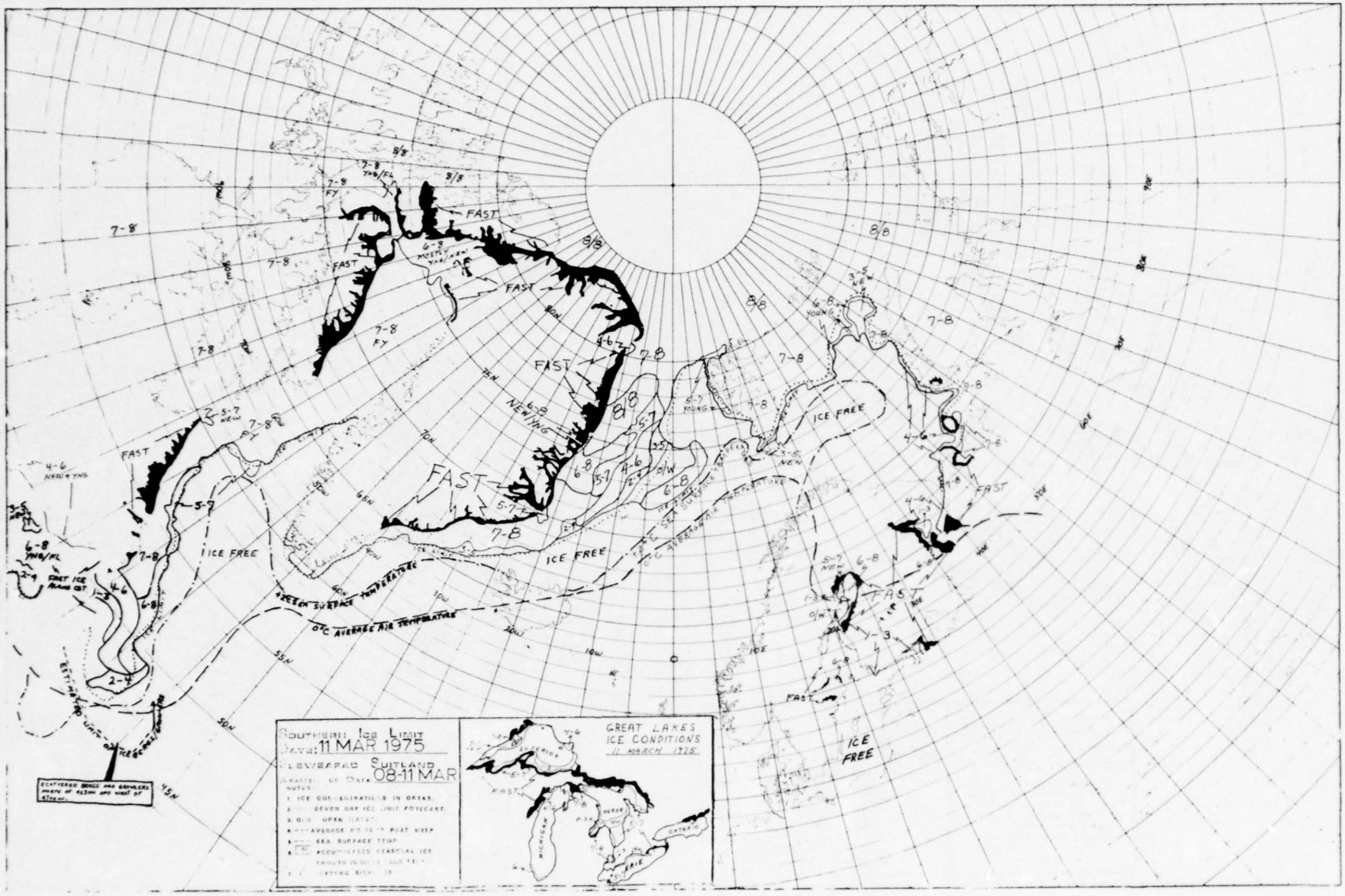

GREAT LAKES
ICE CONDITIONS
04 FEB 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
FAST
SOUTHERN ICE LIMIT
DATE: 04 FEB 1975
FLEWEARAC SUTLAND
ANALYSIS OF DATA 01-04 FEB
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
FAST ICE ALONG CST
ICE FREE
ICE ALONG CST
NEW ING
ICE FREE
FAST

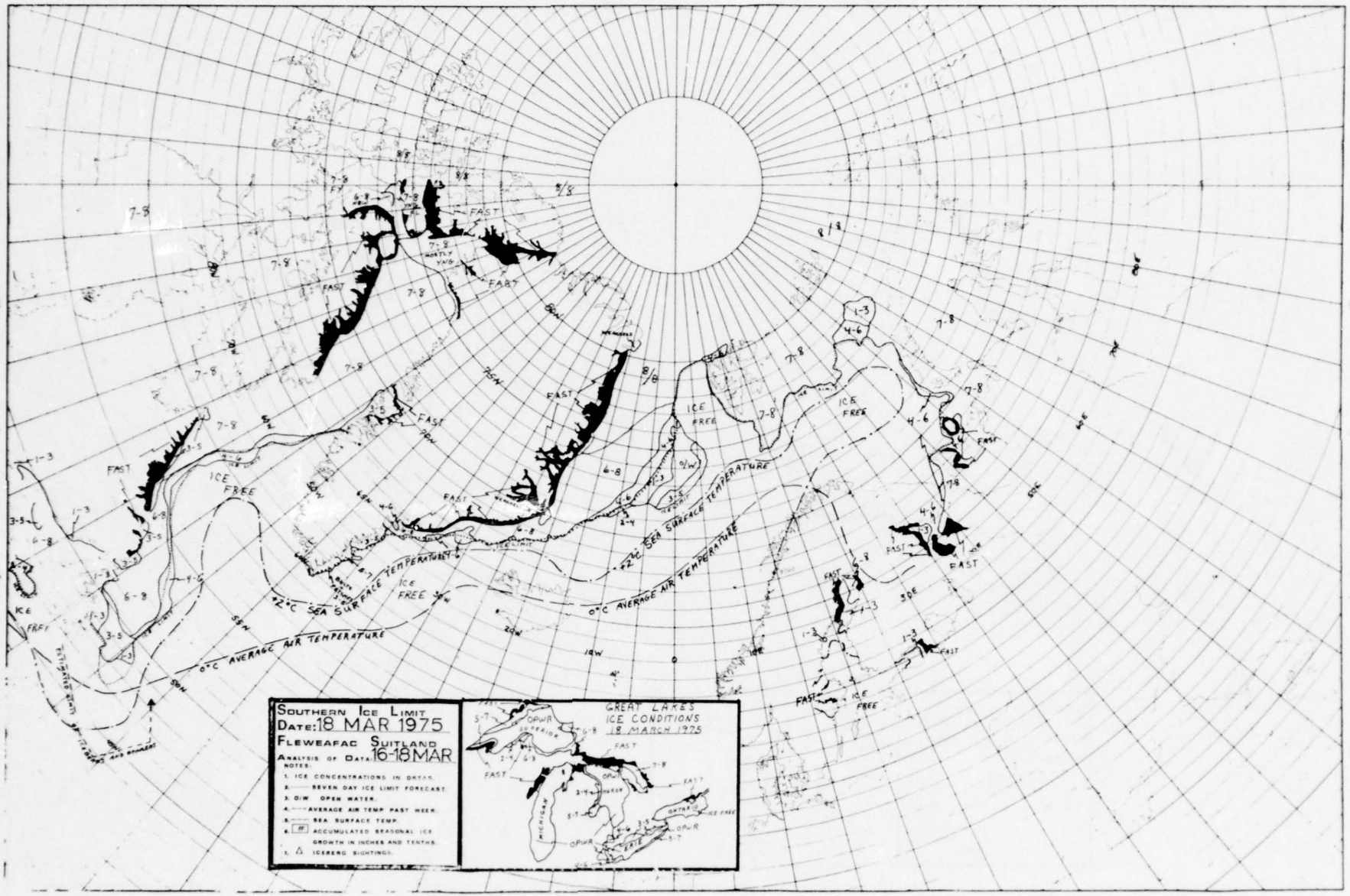

SOUTHERN ICE LIMIT
DATE: 11 FEB 1975
FLEWEARAC SUITLAND
ANALYSIS OF DATA 08-11FEB
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ---- SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. ▭ ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES
ICE CONDITIONS
11 FEB. 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
THICK FAST
FAST
ICE FREE
0°C AIR TEMP
SEA SURFACE TEMPERATURE
ICE LIMIT
FAST ICE ALONG COST
BERRY WATER
7-8
5-7
8/8
4-6 YNG
4-6 NEW
6-8 YNG
80N
75N
65N
60N
10W
20W
30W
40W
50W
60W
70W
80W
10E
20E
30E
40E
50E
60E
70E
80E

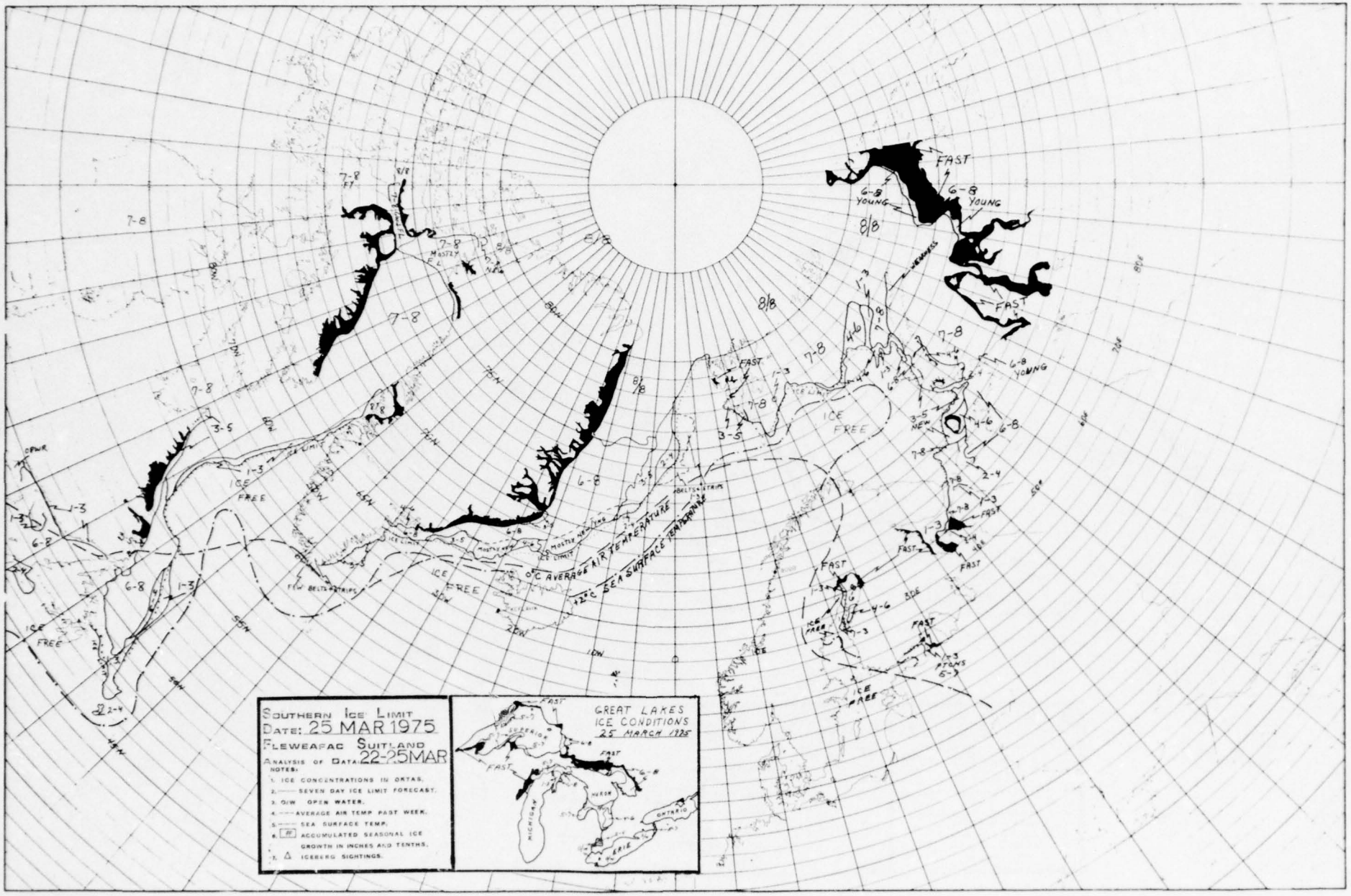

SOUTHERN ICE LIMIT
DATE: 18 FEB 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 16-18 FEB
NOTES:
1. ICE CONCENTRATIONS IN OKTA.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS 18 FEB 1975
SUPERIOR
ONTARIO
MICHIGAN
ERIE
FAST
ICE FREE
OPWR
ICE
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMP
MOSTLY FL OR OLDER
MANY N-S FRACTS
FAST ALONG COST
ICE FREE

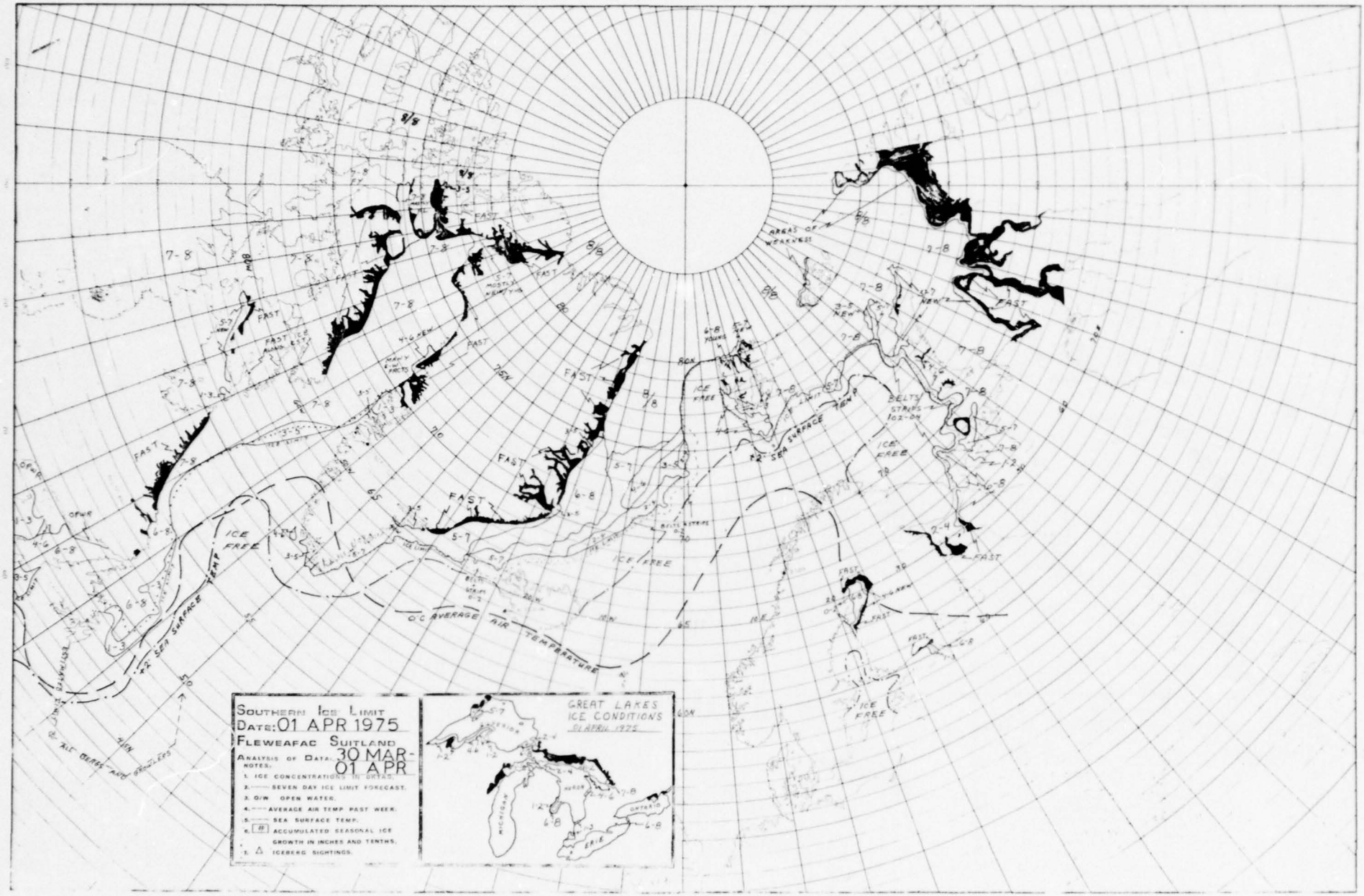

SOUTHERN ICE LIMIT
DATE: 25 FEB 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 22-25FEB
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. —— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. ▦ ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES
ICE CONDITIONS
25 FEB 1975
FAST
ICE FREE
0°C AVERAGE AIR TEMPERATURE
SEA SURFACE TEMP
NEW ICE FORMING
AREAS OF WEAKNESS
FAST ICE ALONG COAST
8/8
7-8
O/W

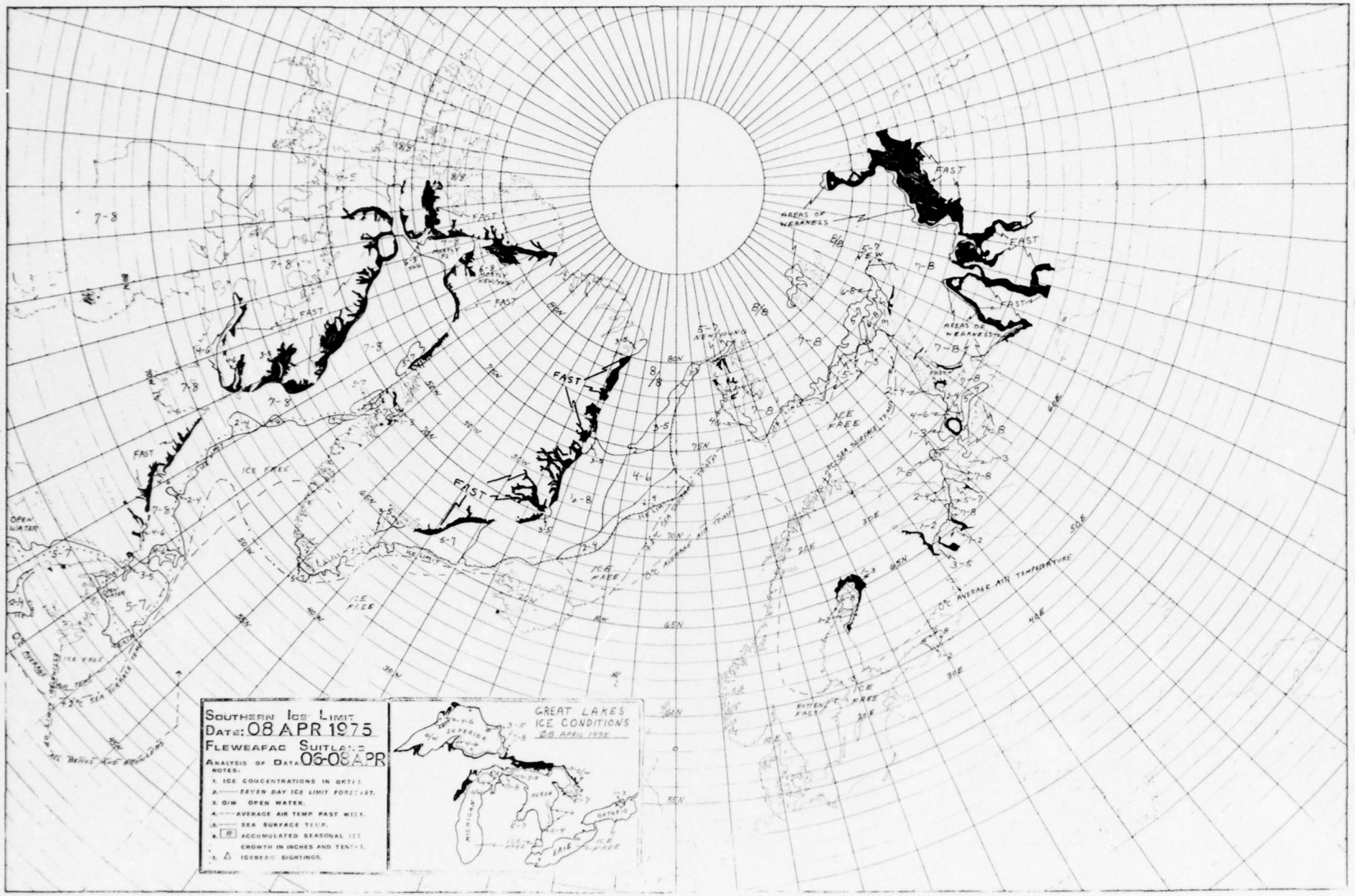

SOUTHERN ICE LIMIT
DATE: 04 MAR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 01-04MAR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. ▣ ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS
24 FEB 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
8/8
7-8
FAST
ICE FREE
NEW ICE FORMING
ICE LIMIT
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
FLAW LEAD
65N
60N
55N
30W
20W
10W
10E

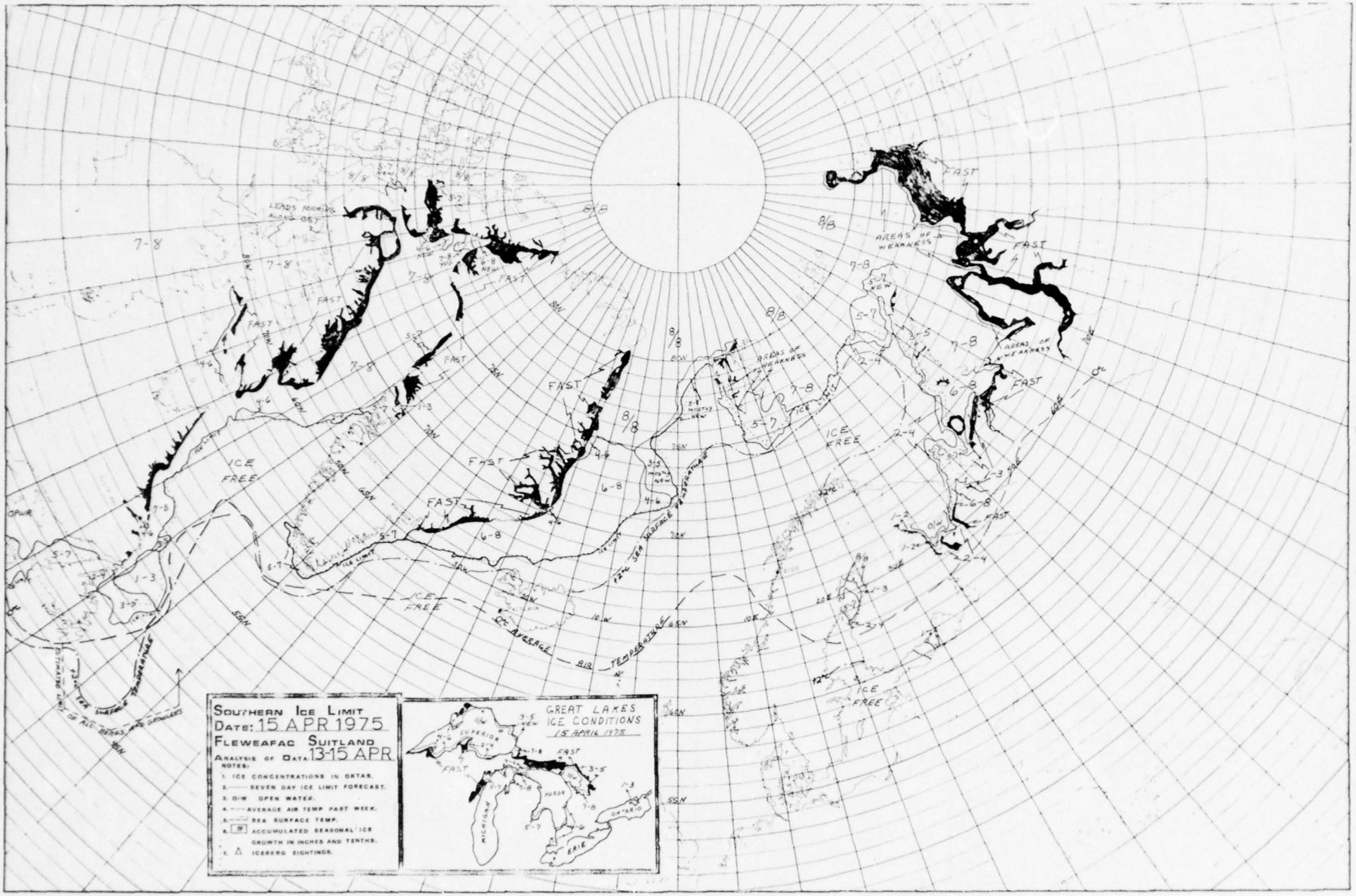

SOUTHERN ICE LIMIT
DATE: 11 MAR 1975
PREPARED BY: SUITLAND
DATA: 08-11 MAR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W - OPEN WATER.
4. AVERAGE AIR TEMP. FIRST WEEK
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TEMP.
7. MEETING SEA ICE
SCATTERED BERGS AND GROWLERS SOUTH OF 45.5N AND WEST OF 57.5W
ESTIMATED ICE LIMIT
ICE BERGS
FAST ICE FORMING OUT
ICE FREE
FAST
NEW/YNG
YOUNG
NEW
O/W
SEA SURFACE TEMPERATURE
0°C AVERAGE AIR TEMPERATURE
GREAT LAKES ICE CONDITIONS
11 MARCH 1975
MICHIGAN
HURON
ERIE
ONTARIO

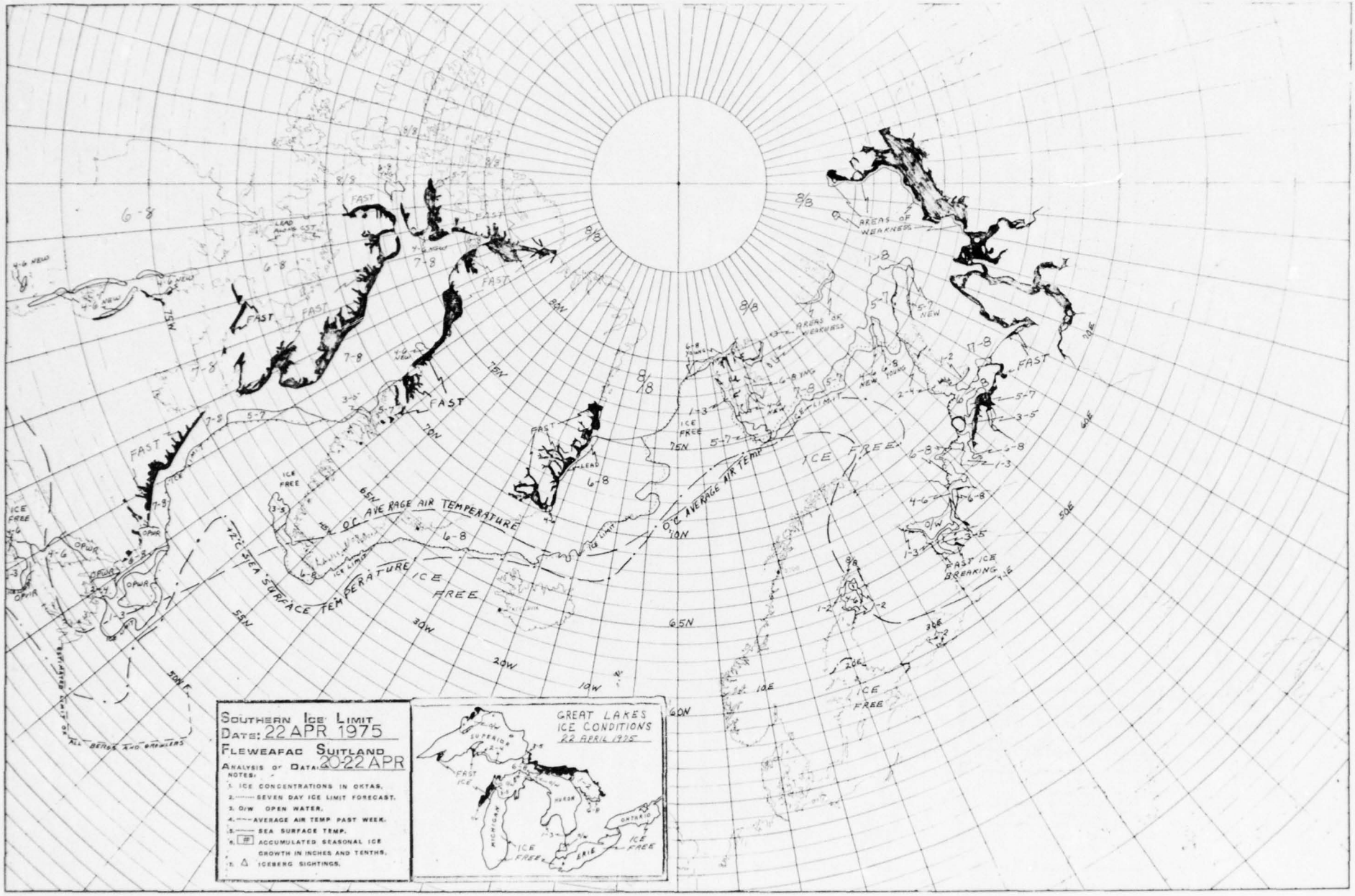

SOUTHERN ICE LIMIT
DATE: 18 MAR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 16-18 MAR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ·····AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. ▭ ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES
ICE CONDITIONS
18 MARCH 1975
0°C AVERAGE AIR TEMPERATURE
+2°C SEA SURFACE TEMPERATURE
ICE FREE
FAST
O/W

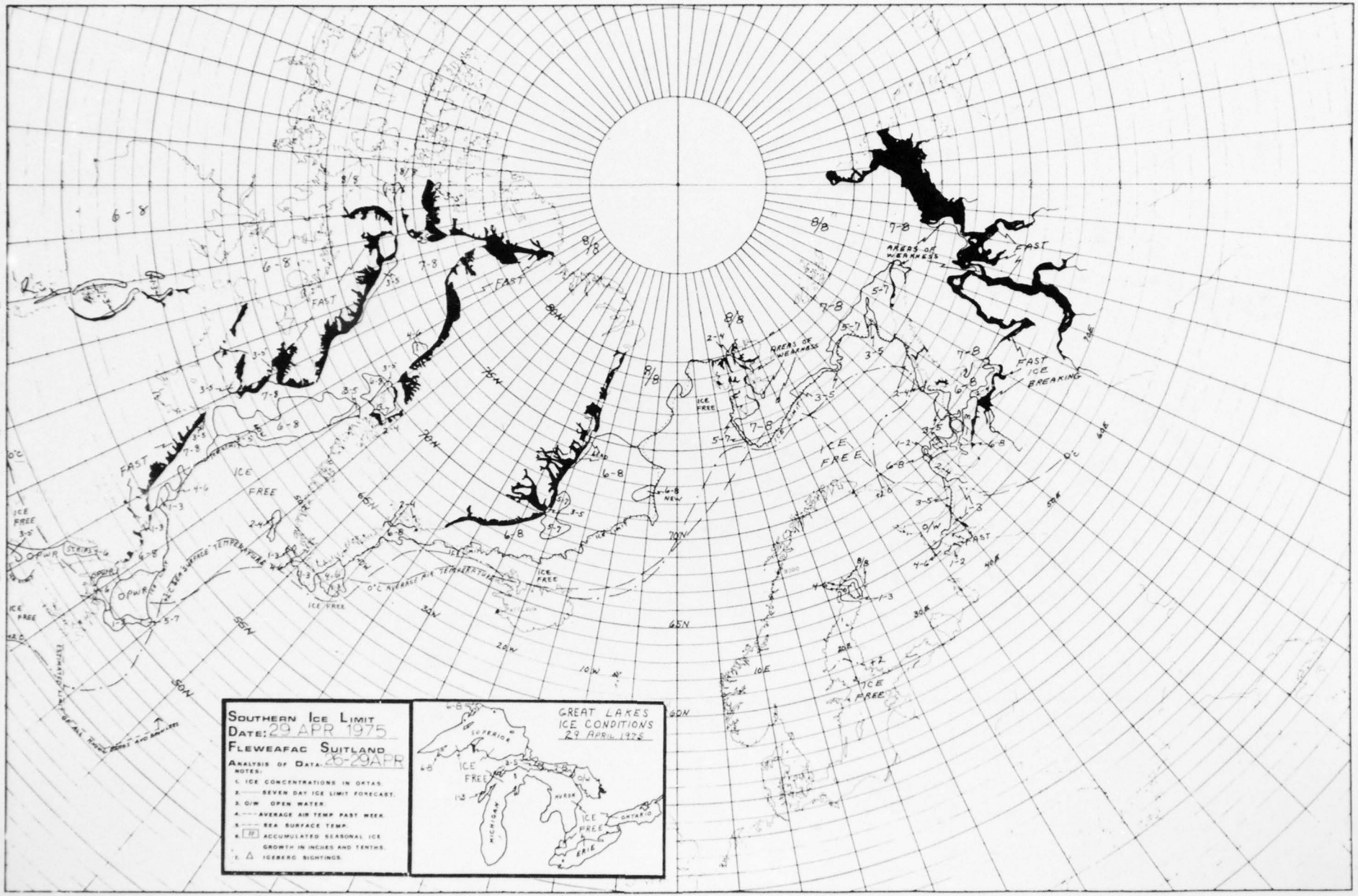

SOUTHERN ICE LIMIT
DATE: 25 MAR 1975
FLEWEAPAC SUITLAND
ANALYSIS OF DATA: 22-25MAR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. —— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. FT ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS 25 MARCH 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
0°C AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
ICE FREE
FAST
YOUNG
NEW
FTONS
7-8
8/8
6-8
3-5
1-3
2-4
4-6

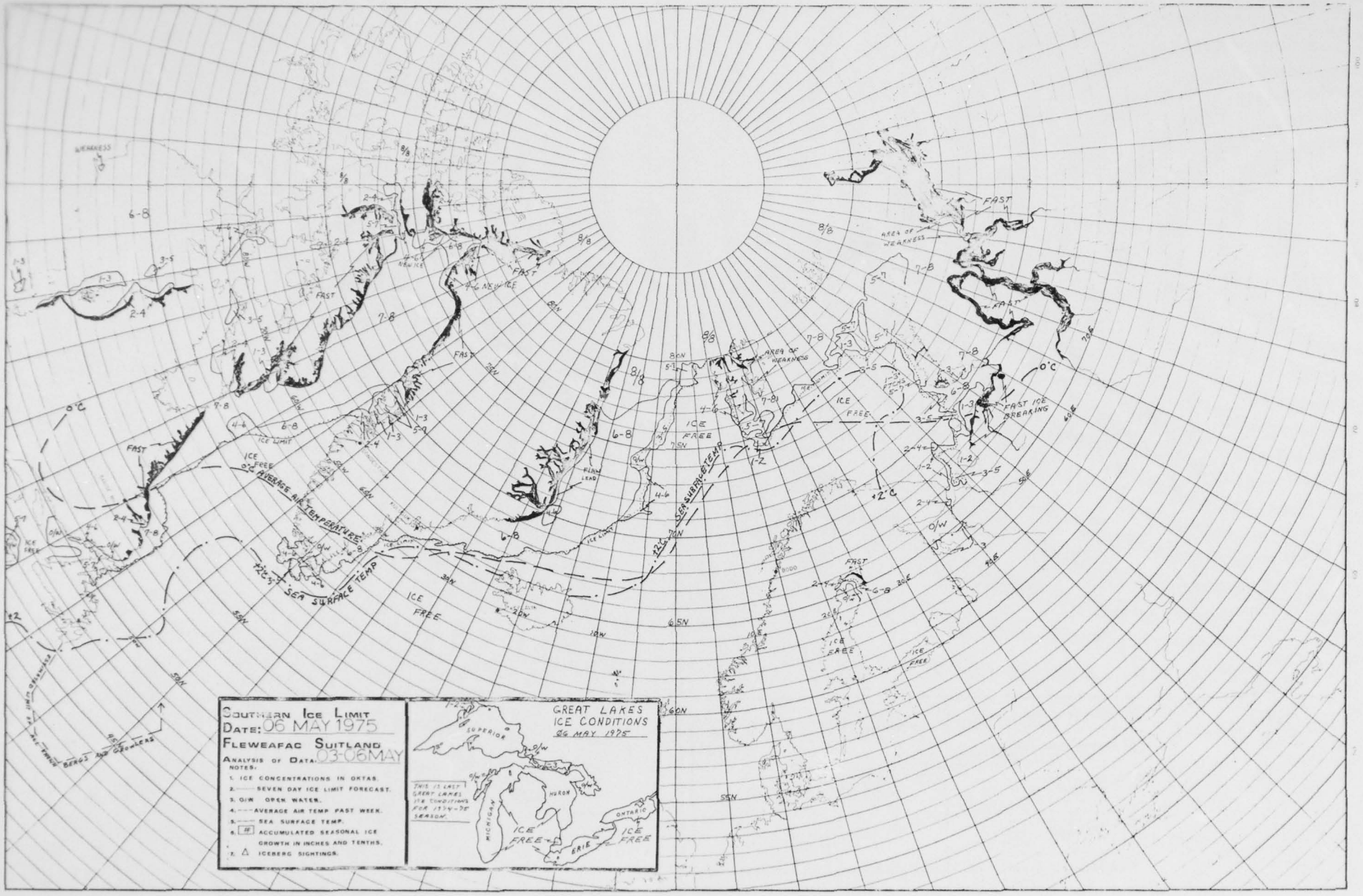

SOUTHERN ICE LIMIT
DATE: 01 APR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 30 MAR - 01 APR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS
01 APRIL 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
ICE FREE
FAST
AREAS OF WEAKNESS
BELTS STRIPS
SEA SURFACE
0°C AVERAGE AIR TEMPERATURE
ALL DEGREES ARE GRADUATED

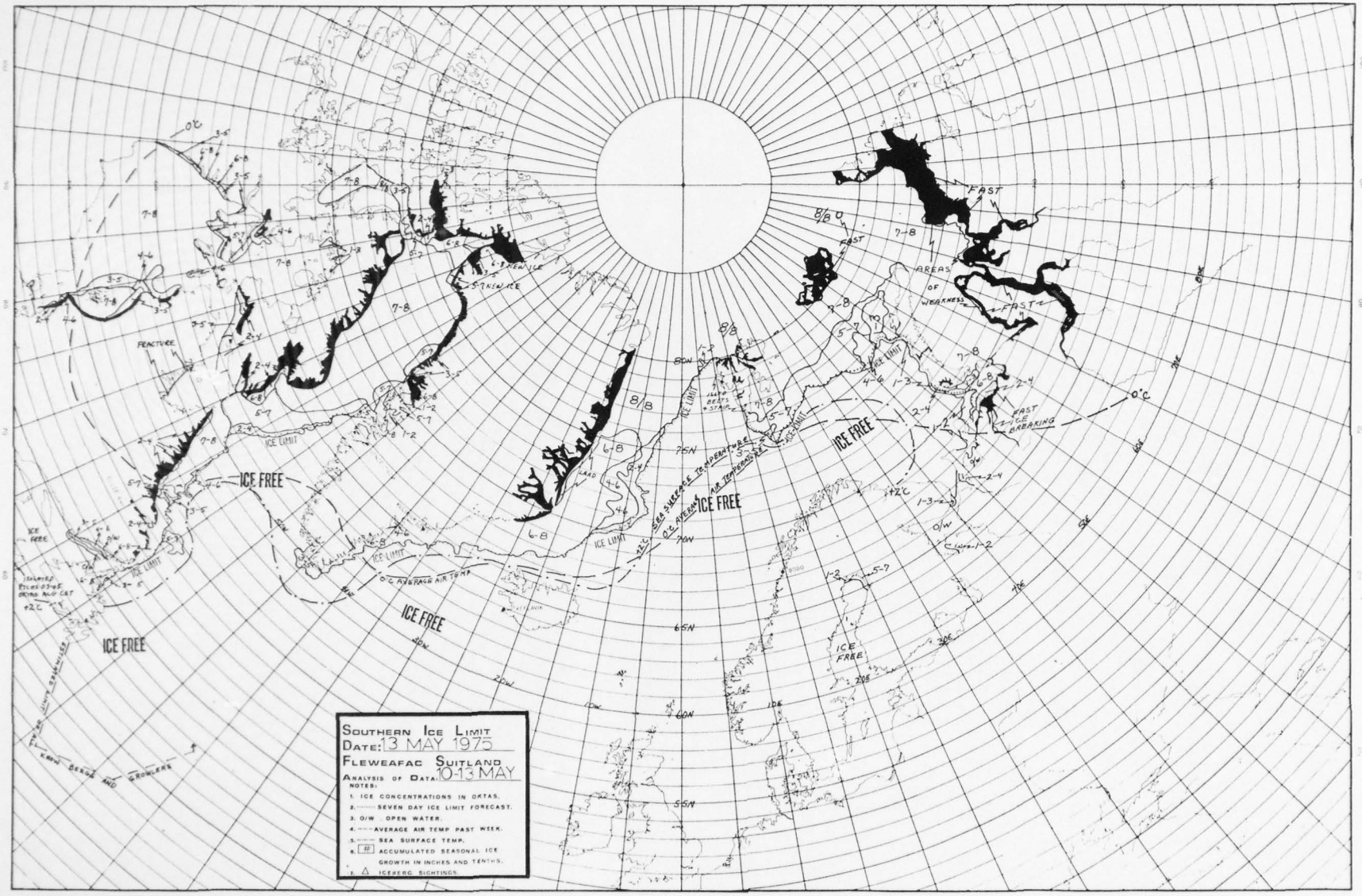

SOUTHERN ICE LIMIT
DATE: 08 APR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 06-08 APR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP. PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS
08 APRIL 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
ICE FREE
FAST
AREAS OF WEAKNESS
ICE FREE
OPEN WATER
ICE LIMIT
0°C AVERAGE AIR TEMPERATURE
0°C AVERAGE SEA SURFACE TEMP.
ALL DATUMS ARE APPROXIMATE

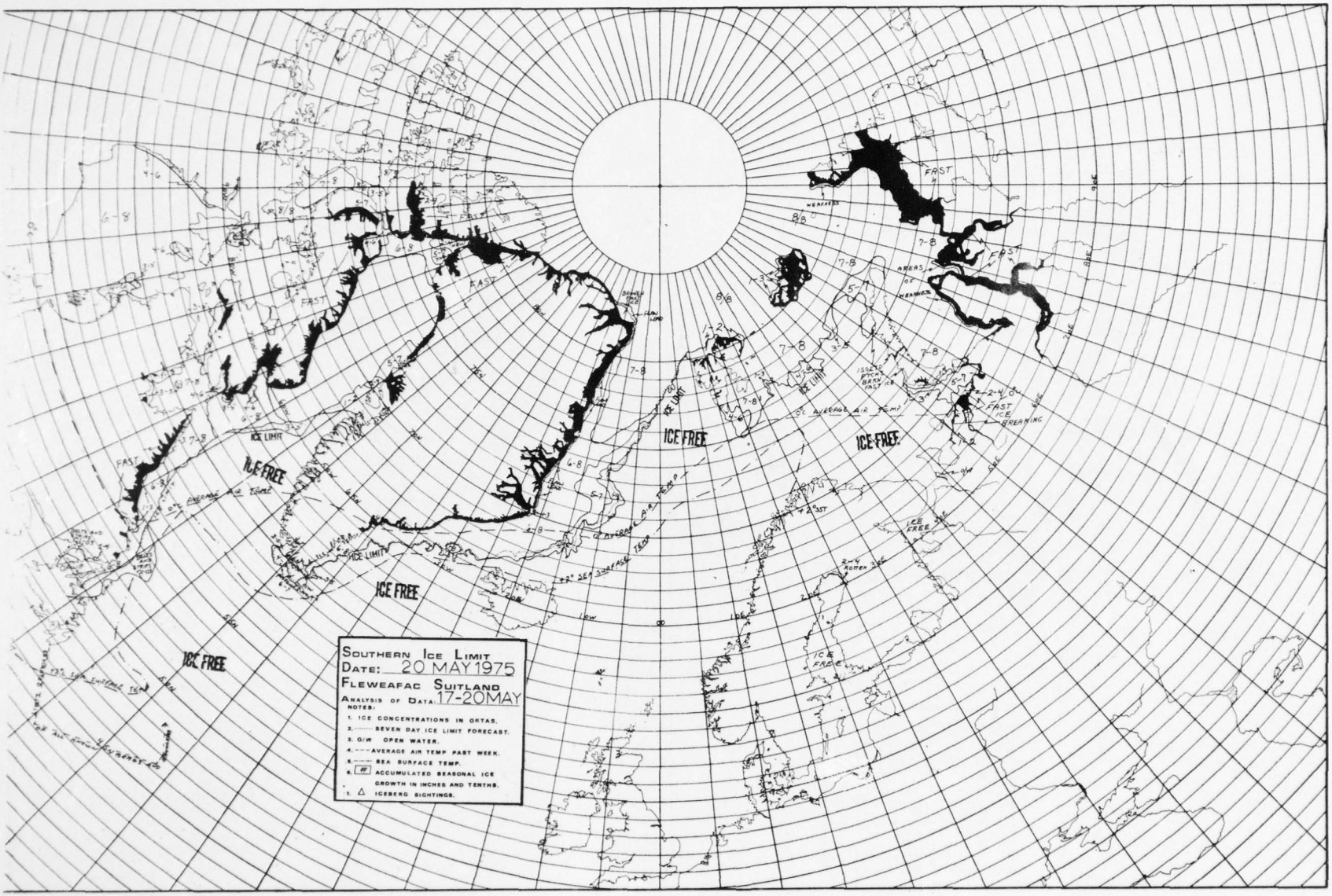

SOUTHERN ICE LIMIT
DATE: 15 APR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 13-15 APR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES
ICE CONDITIONS
15 APRIL 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
FAST
ICE FREE
AREAS OF WEAKNESS
LEADS FORMING ALONG OST
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMPERATURE
ICE LIMIT
ESTIMATED LIMIT OF ICE BERGS AND GROWLERS

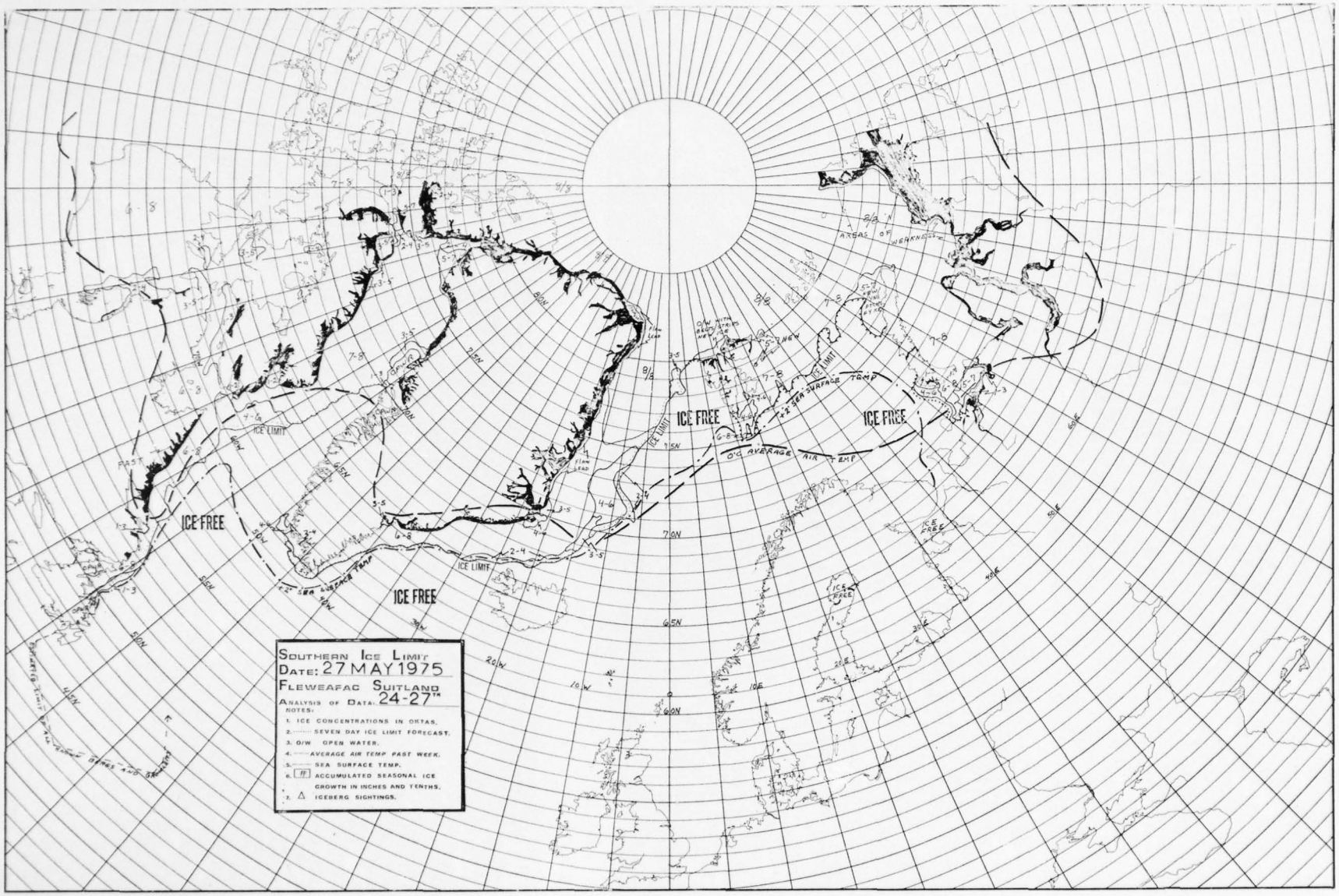

SOUTHERN ICE LIMIT
DATE: 22 APR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 20-22 APR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ~~~~ AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES
ICE CONDITIONS
22 APRIL 1975
SUPERIOR
FAST ICE
MICHIGAN
HURON
ONTARIO
ERIE
ICE FREE
0°C AVERAGE AIR TEMPERATURE
12°C SEA SURFACE TEMPERATURE
ICE FREE
FAST
AREAS OF WEAKNESS
FAST ICE BREAKING
ALL BERGS AND BRASHERS

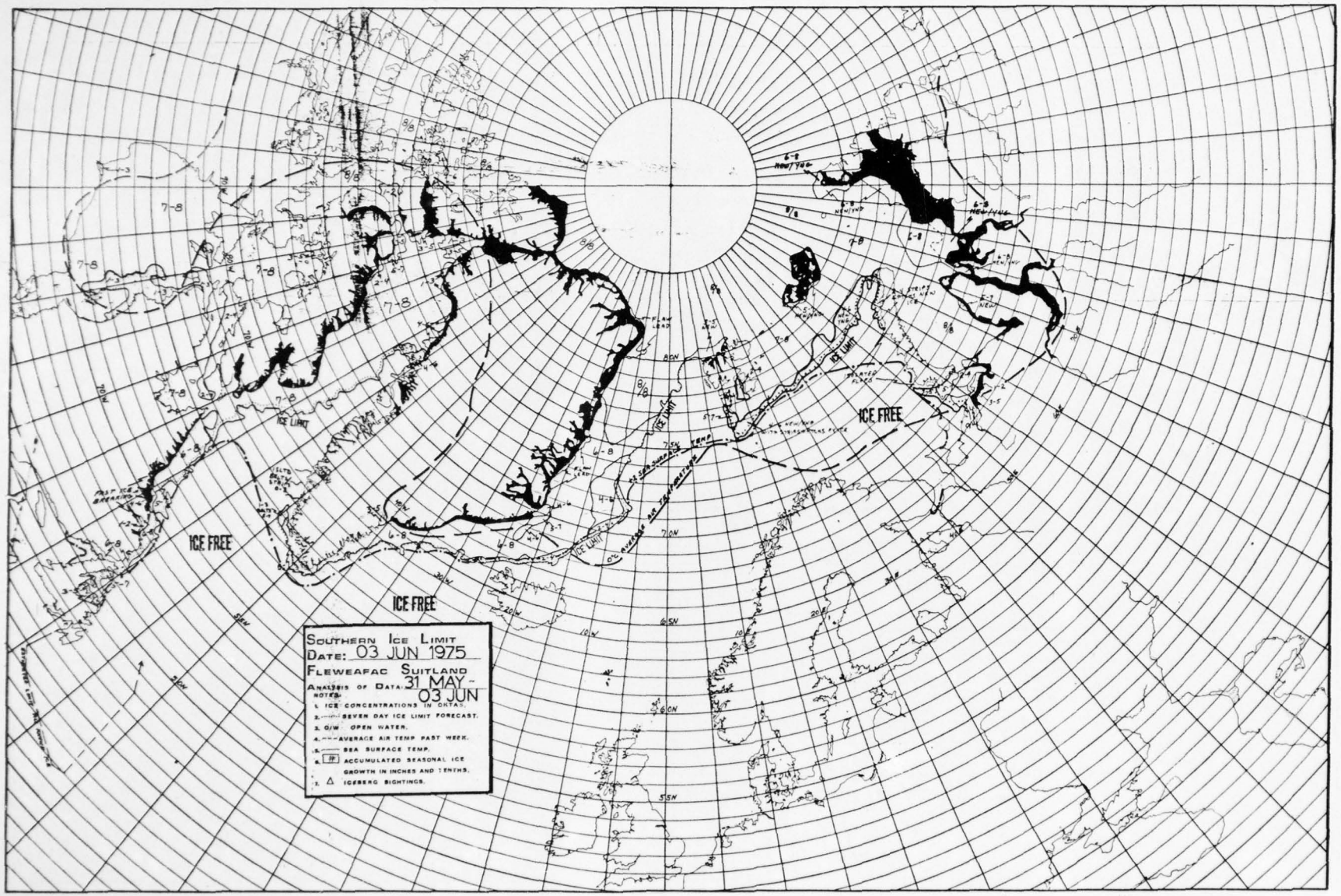

SOUTHERN ICE LIMIT
DATE: 29 APR 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 26-29APR
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. [10] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES
ICE CONDITIONS
29 APRIL 1975
SUPERIOR
ICE FREE
MICHIGAN
HURON
ICE FREE
ONTARIO
ERIE
FAST
ICE FREE
AREAS OF WEAKNESS
FAST ICE BREAKING
0°C SURFACE TEMPERATURE
0°C AVERAGE AIR TEMPERATURE
ESTIMATED ICEBERG TRACKS AND AREAS

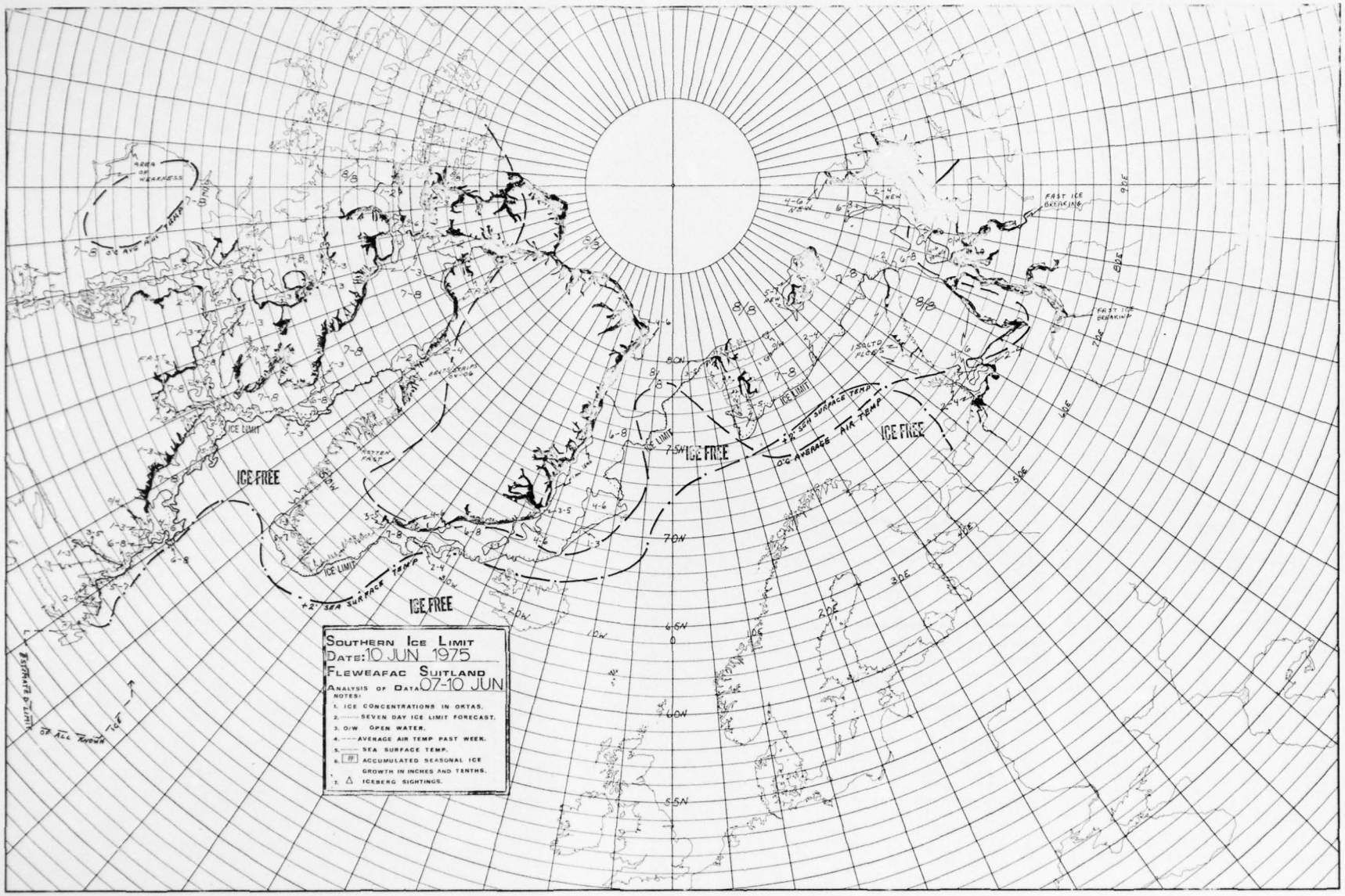

SOUTHERN ICE LIMIT
DATE: 06 MAY 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 03-06MAY
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP. PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS
06 MAY 1975
THIS IS LAST GREAT LAKES ICE CONDITIONS FOR 1974-75 SEASON.
SUPERIOR
HURON
MICHIGAN
ONTARIO
ERIE
ICE FREE
AVERAGE AIR TEMPERATURE
SEA SURFACE TEMP
ICE LIMIT
FAST
NEW ICE
AREA OF WEAKNESS
FAST ICE BREAKING
FLOW LEAD
ICE FREE
O/W
0°C
+2°C
ICE BERGS AND GROWLERS

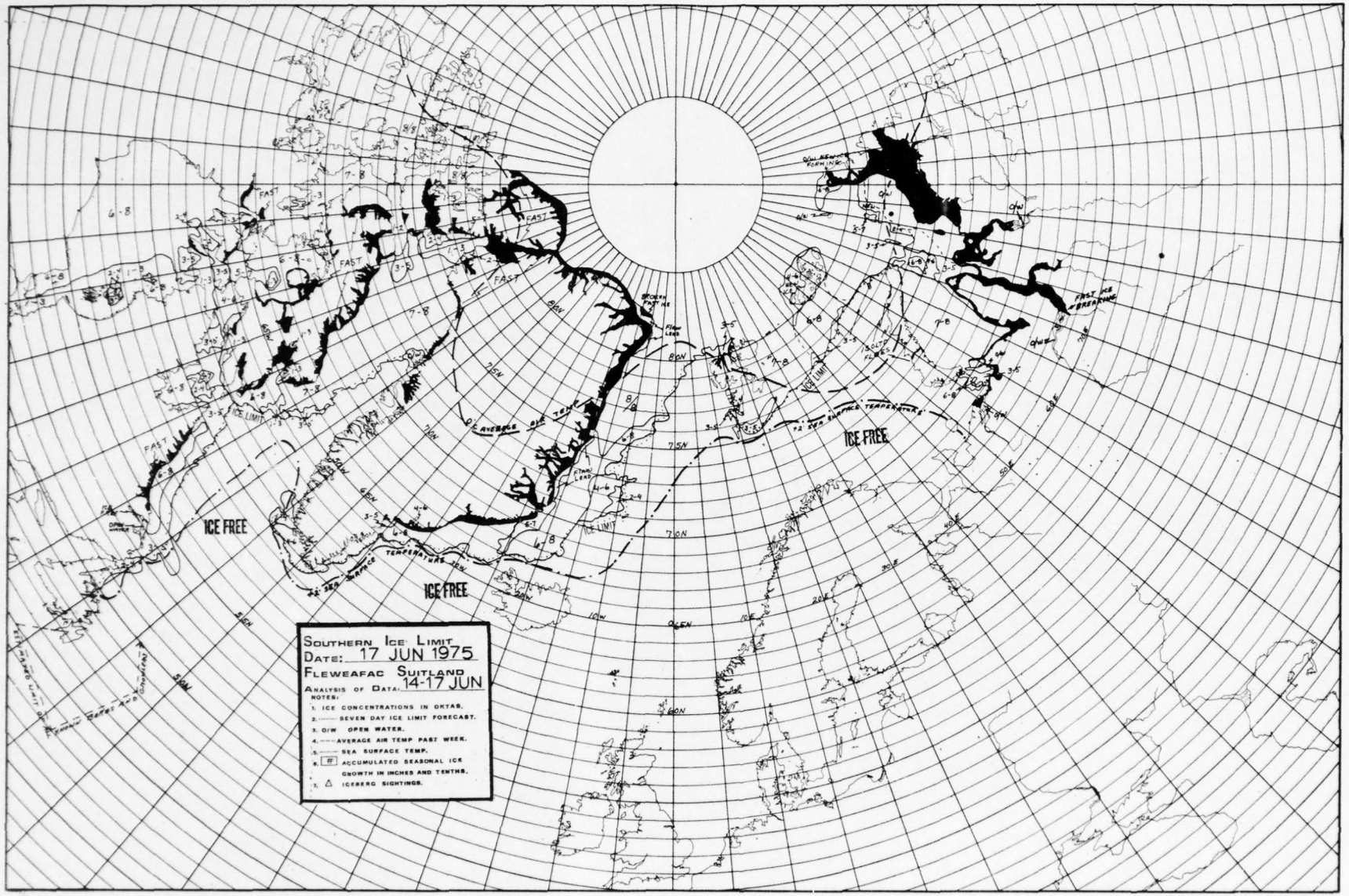

SOUTHERN ICE LIMIT
DATE: 13 MAY 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 10-13 MAY
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST
AREAS OF WEAKNESS
FAST ICE BREAKING
FRACTURE
NEW ICE
0°C AVERAGE AIR TEMP
SEA SURFACE TEMPERATURE
AIR TEMPERATURE
ICEBERGS AND GROWLERS
80N
75N
70N
65N
60N
55N
20W
10W
0
10E
20E
30E
40E
50E
60E
70E
80E
90E

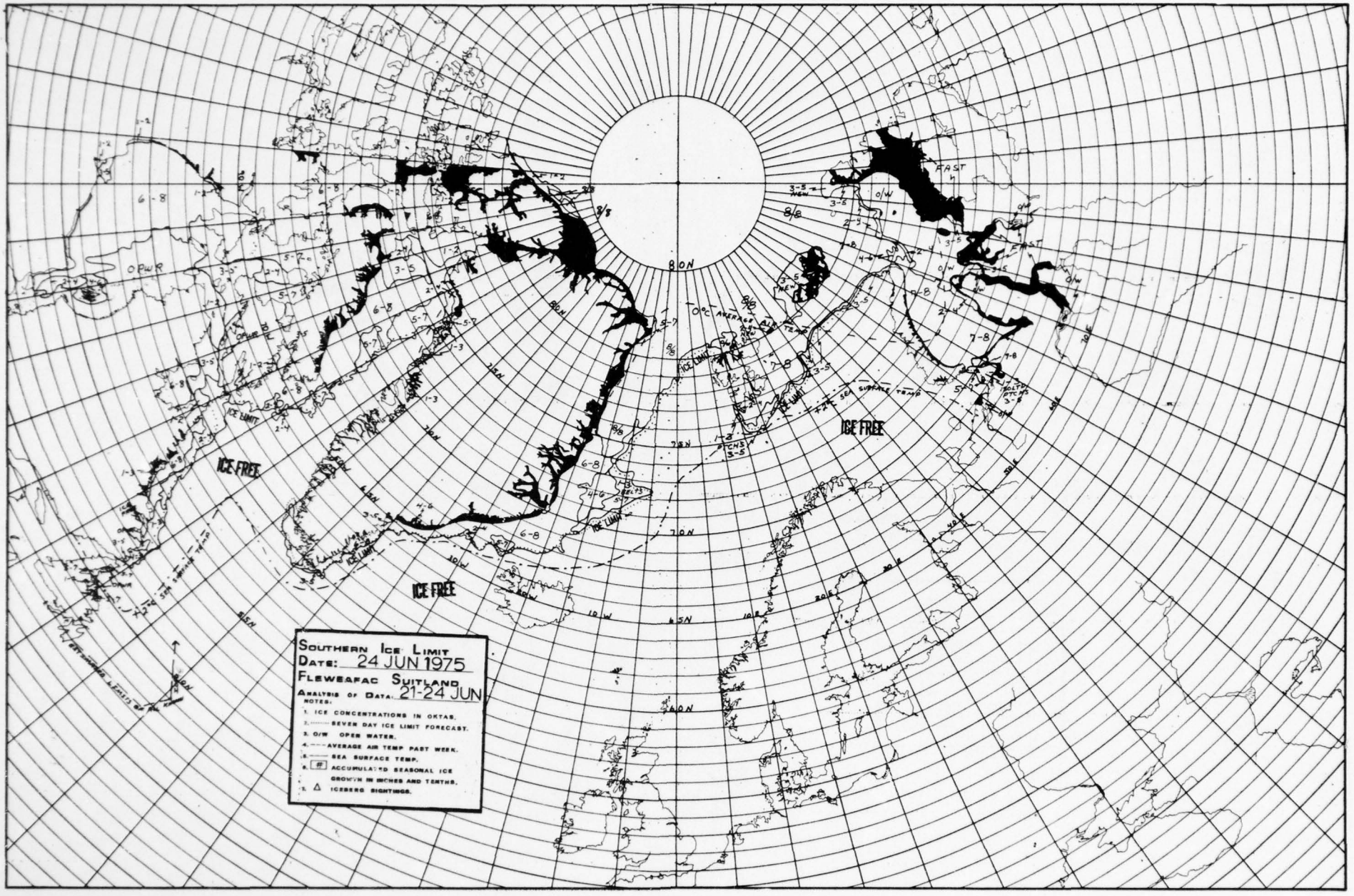

SOUTHERN ICE LIMIT
DATE: 20 MAY 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 17-20 MAY
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
FAST
8/8
7-8
6-8
5-7
2-4
ICE FREE

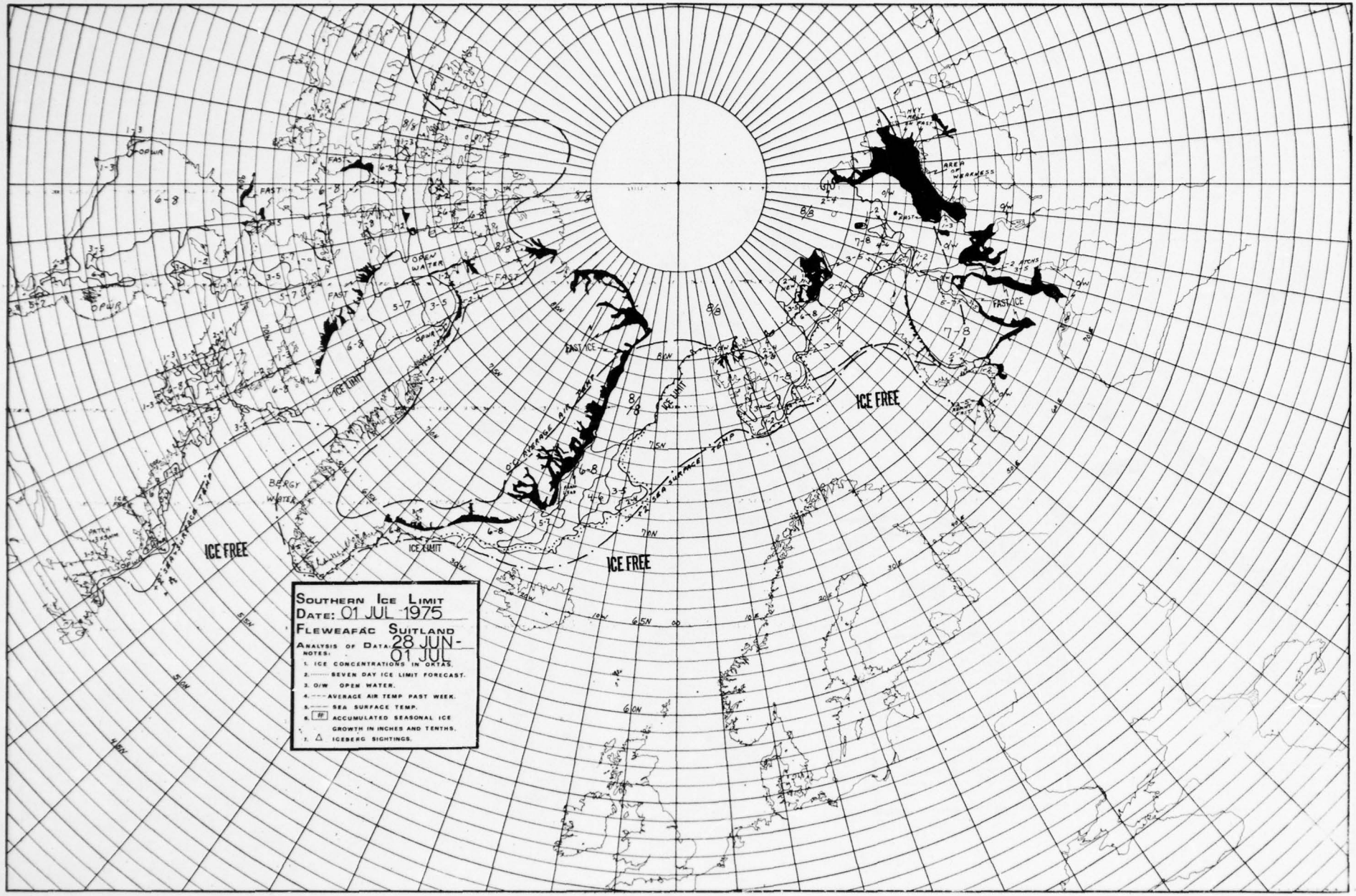

SOUTHERN ICE LIMIT
DATE: 27 MAY 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 24-27TH
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
SEA SURFACE TEMP
SEA SURFACE TEMP
0°C AVERAGE AIR TEMP
AREAS OF WEAKNESS
FLAW LEAD
FLAW LEAD
O/W
8/8
7-8
3-5
2-4
6-8
4-6
0/8
1/8
2/8
3/8
4/8
5/8
6/8
7/8
8/8
9/8
10/8
80N
75N
70N
65N
60N
50W
40W
30W
20W
10W
0
10E
20E
30E
40E
50E
60E
70E
80E
90E

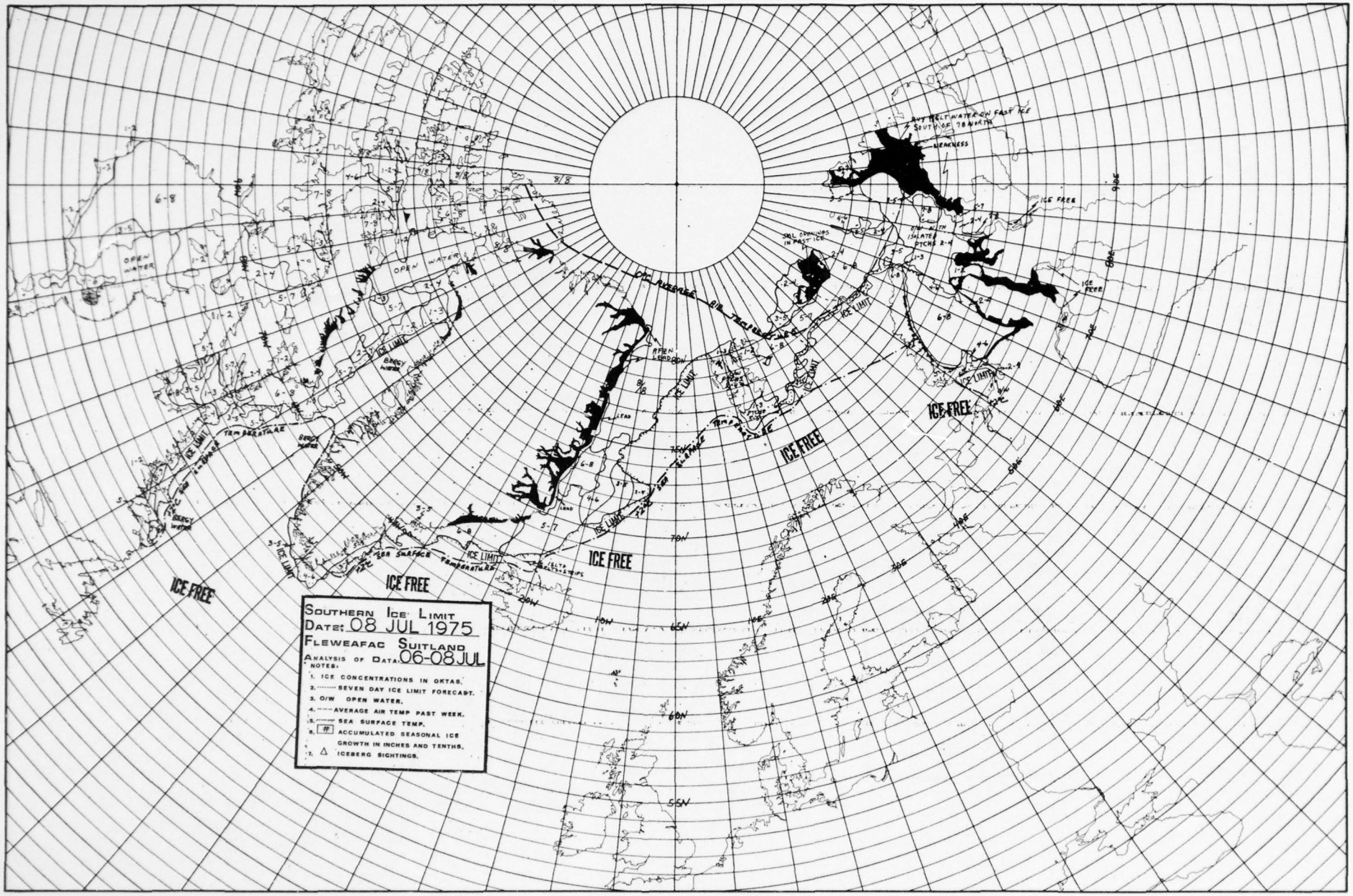

SOUTHERN ICE LIMIT
DATE: 03 JUN 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 31 MAY - 03 JUN
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
7-8
8/8
6-8
4-8
3-1
3-5
2-7
2-8
7-2
8N
7.5N
7.0N
6.5N
6.0N
5.5N
10W
20W
30W
40W
50W
60W
70W
10E
20E
30E
40E
50E
60E
70E

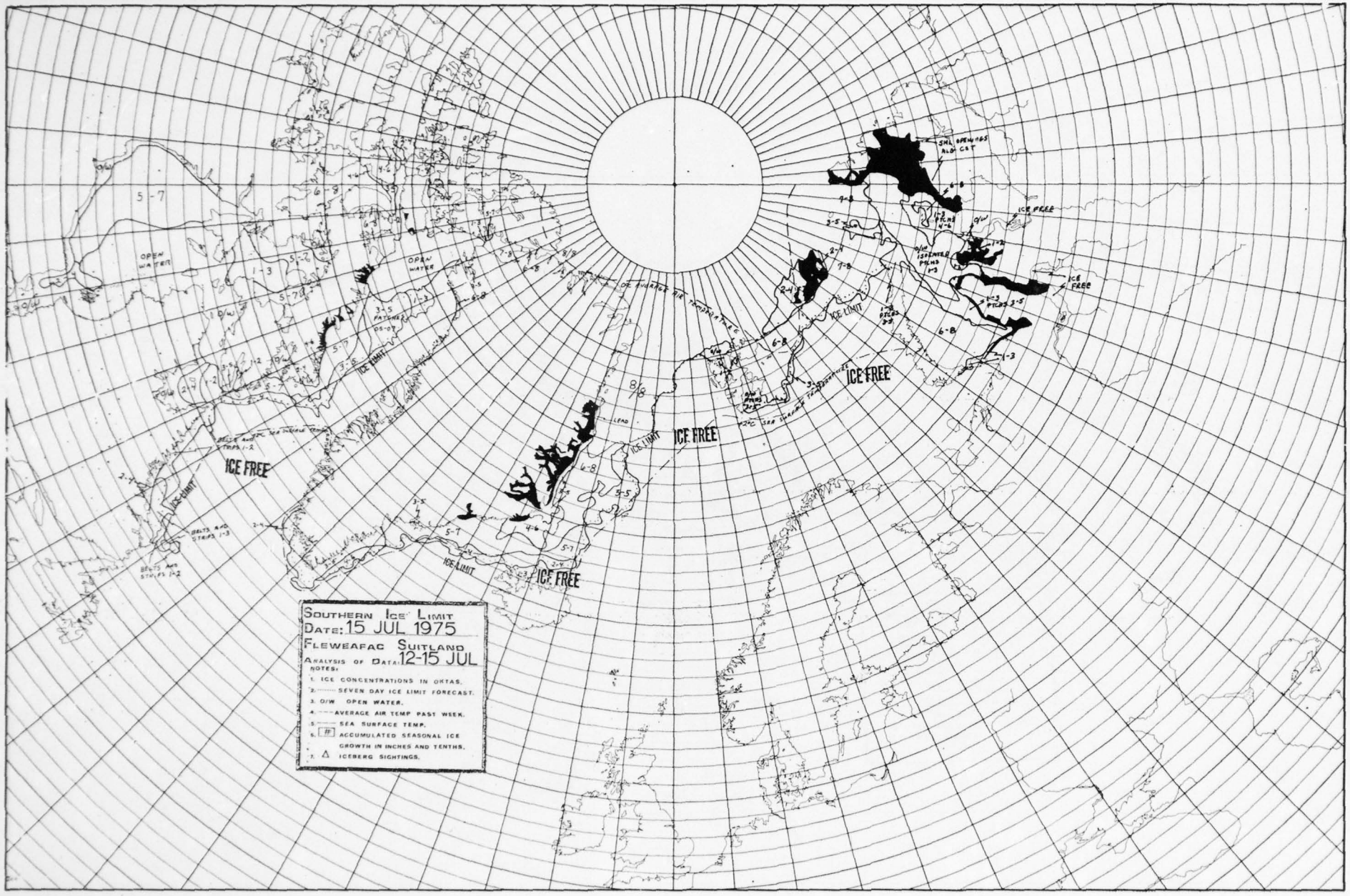

SOUTHERN ICE LIMIT
DATE: 10 JUN 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 07-10 JUN
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
+2° SEA SURFACE TEMP
0° AVERAGE AIR TEMP
FAST ICE BREAKING
ESTIMATED LIMIT
80N
70N
65N
60N
55N
0
10W
20W
30W
40W
50W
60W
70W
80W
90W
10E
20E
30E
40E
50E
60E
70E
80E
90E

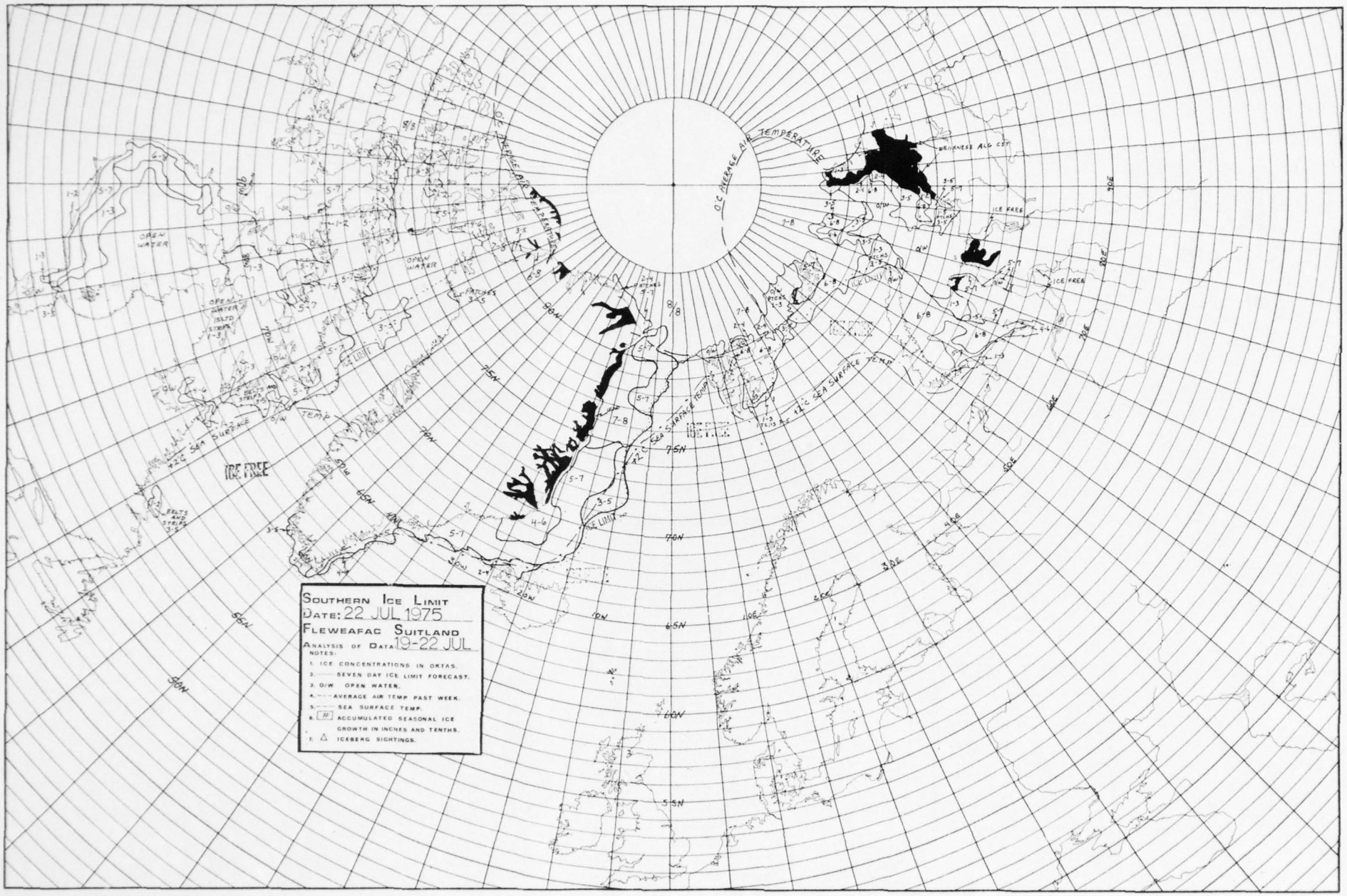

SOUTHERN ICE LIMIT
DATE: 17 JUN 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 14-17 JUN
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
FAST
ICE LIMIT
FLOW LEAD
BROKEN FAST ICE
FAST ICE BREAKING
AVERAGE AIR TEMP
SEA SURFACE TEMPERATURE
80N
75N
70N
65N
60N
55N
50N
45N
10W
0GEN
10E
20E
30E
40E
50E
60E
70E
80E

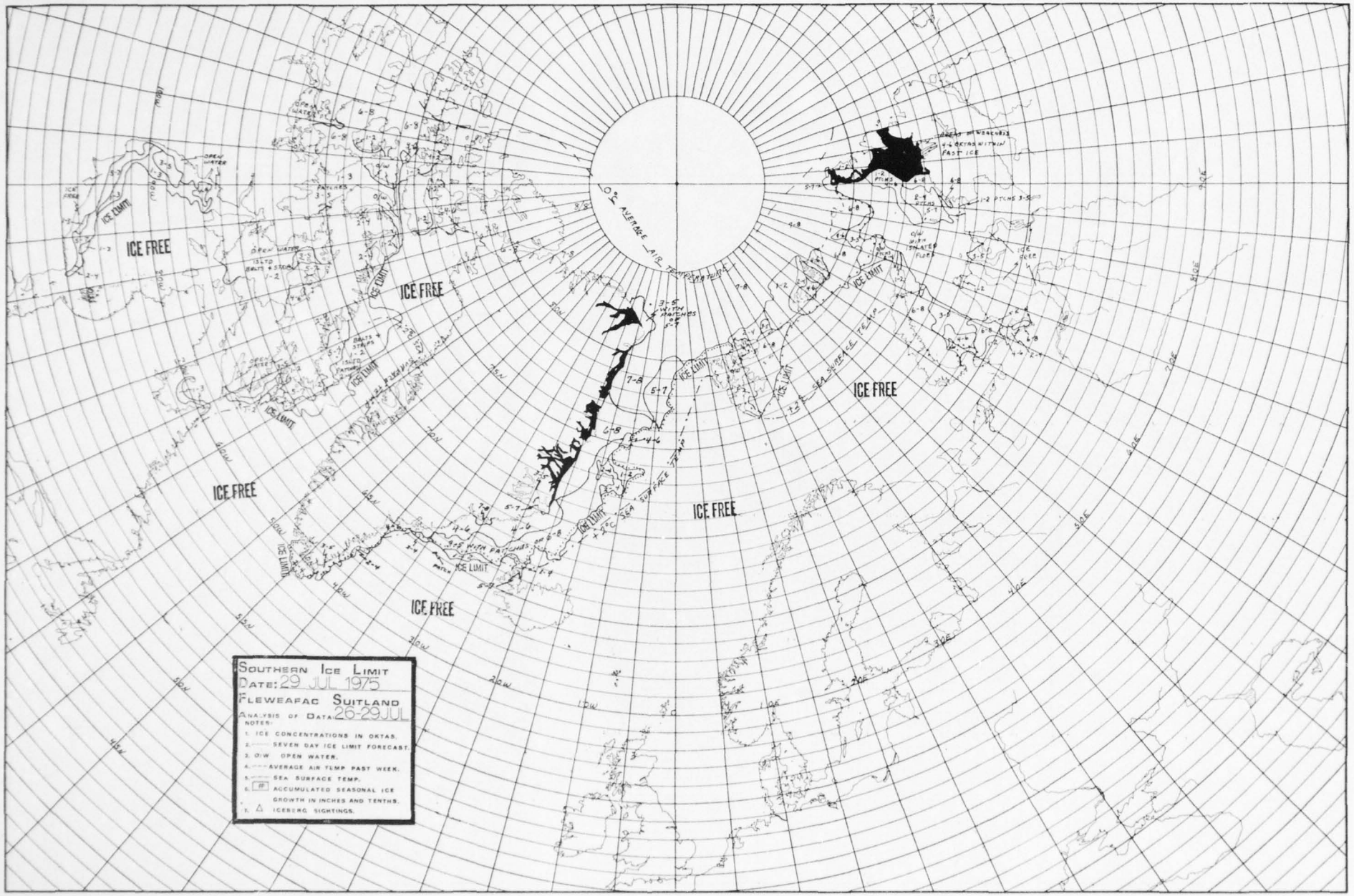

SOUTHERN ICE LIMIT
DATE: 24 JUN 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 21-24 JUN
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
80N
70N
60N
50N
10W
20W
30W
40W
50W
10E
20E
30E
40E
50E
0°C AVERAGE AIR TEMP
SEA SURFACE TEMP
FAST
OPEN

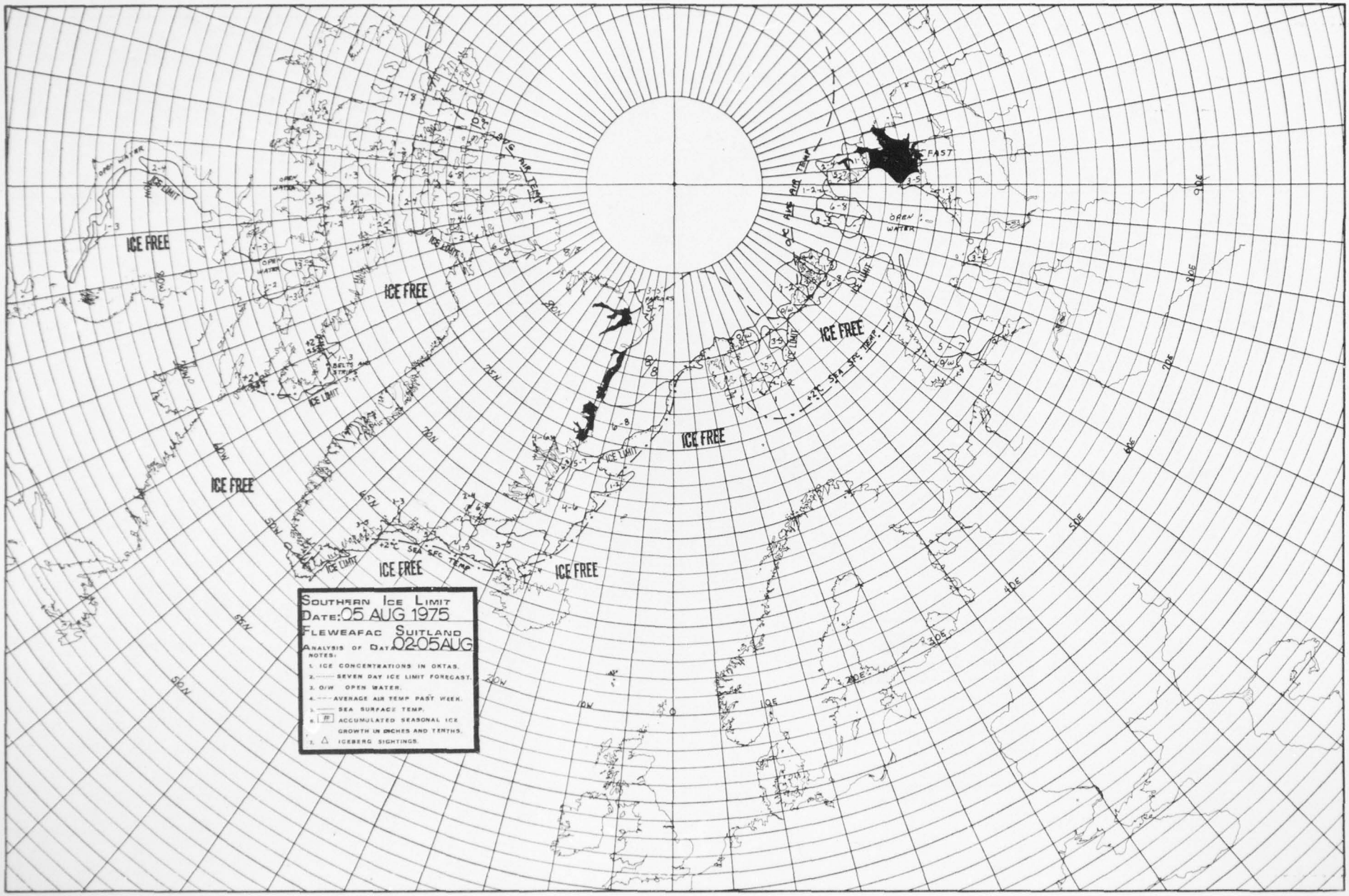

SOUTHERN ICE LIMIT
DATE: 01 JUL 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 28 JUN-01 JUL
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
FAST ICE
FAST ICE
OPEN WATER
BERGY WATER
AREA OF WEAKNESS
NAVY MOLE ICE PREP
SEA SURFACE TEMP
AVERAGE AIR TEMP


SOUTHERN ICE LIMIT
DATE: 08 JUL 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 06-08 JUL
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ····· SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
OPEN WATER
ICE LIMIT
BERGY WATER
LEAD
ICE FREE


SOUTHERN ICE LIMIT
DATE: 15 JUL 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 12-15 JUL
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
OPEN WATER
LEAD


SOUTHERN ICE LIMIT
DATE: 22 JUL 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 19-22 JUL
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
0°C AVERAGE AIR TEMPERATURE
+2°C SEA SURFACE TEMP
ICE FREE
OPEN WATER
ICE LIMIT
ICE ONLY
8/8
8/8
75N
70N
65N
60N
55N
10W
20W
30W
40W
50W
60W
70W
80W
90W
10E
20E
30E
40E
50E
60E
70E
80E


SOUTHERN ICE LIMIT
DATE: 29 JUL 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 26-29 JUL
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ~~~ SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
OPEN WATER
0°C AVERAGE AIR TEMPERATURE
SEA SURFACE TEMP
AREAS OF WEDGEBILL
4-6 OKTAS WITHIN FAST ICE
PTCHS 3-5
O/W WITH TRIALFES FLOES
3-5 WITH PATCHES
3-5 WITH PATCHES
SMALL PATCHES
ICE FREE
ICE LIMIT
OPEN WATER
ICE LIMIT
ICE FREE
ICE LIMIT
ICE FREE
ICE LIMIT
ICE FREE


SOUTHERN ICE LIMIT
DATE: 05 AUG 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 02-05 AUG
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ····· SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
OPEN WATER
OPEN WATER
OPEN WATER
O/W
O/W
O/W
O/W
FAST
BELTS AND STRIPS
SEA SFC. TEMP.
SEA SFC. TEMP.
AVG. AIR TEMP
AVG. AIR TEMP
80N
70N
60N
50N
40N
30N
20N
10W
0
10E
20E
30E
40E
50E
60E
70E
80E
90E

AD-A033 344 FLEET WEATHER FACILITY SUITLAND MD F/G 8/12
EASTERN ARCTIC SEA ICE ANALYSES 1972-1975.(U)
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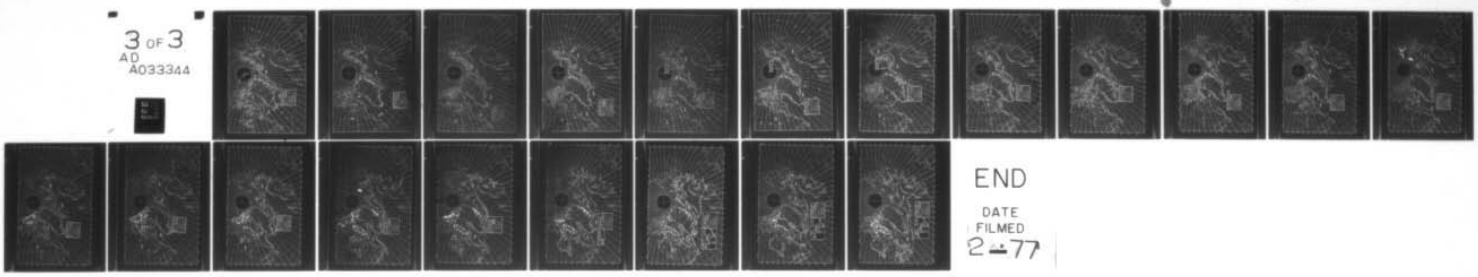
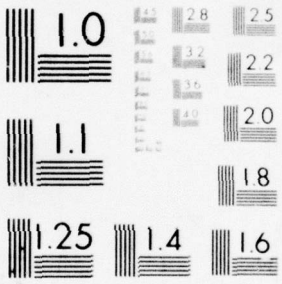
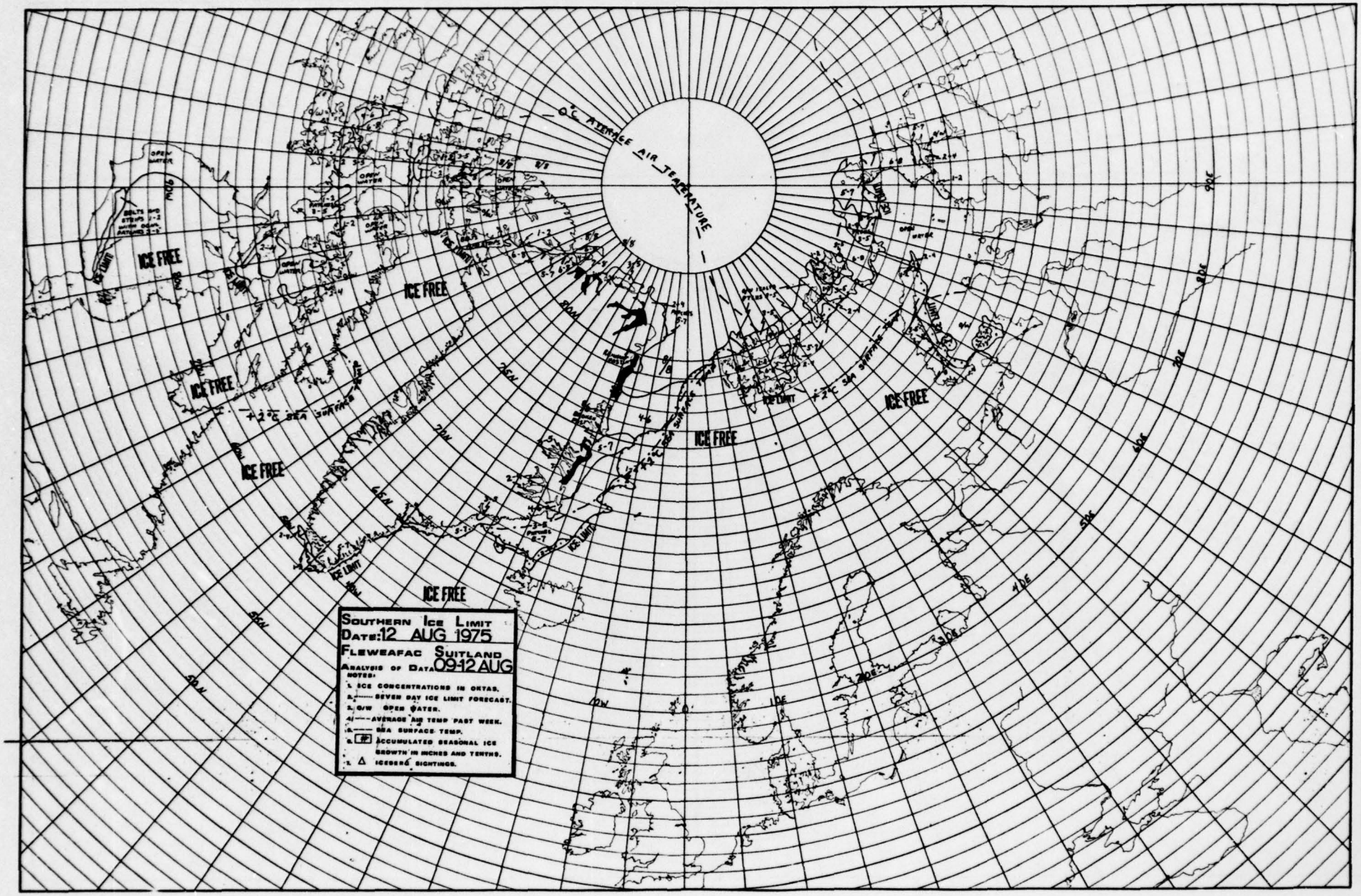
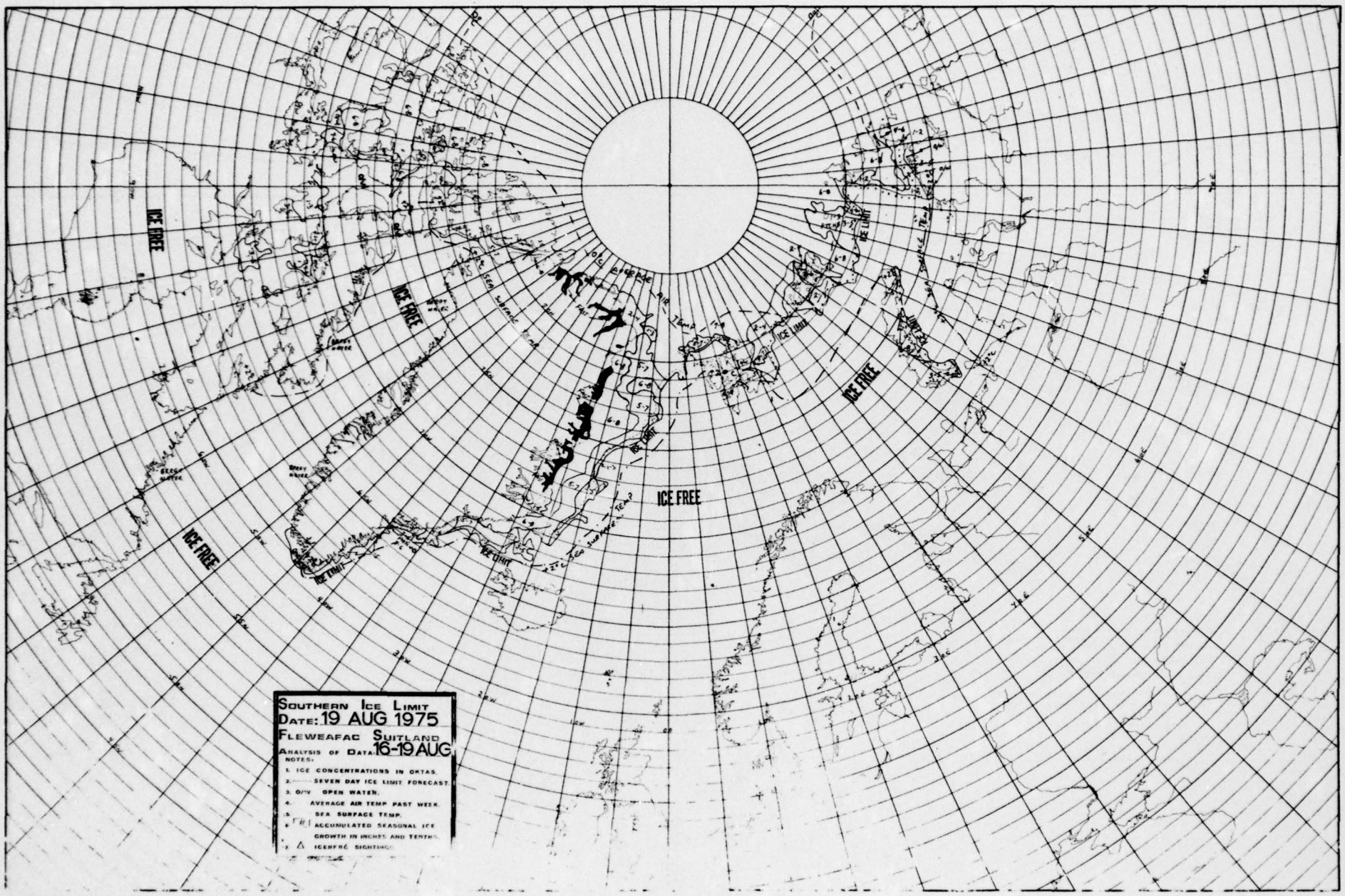


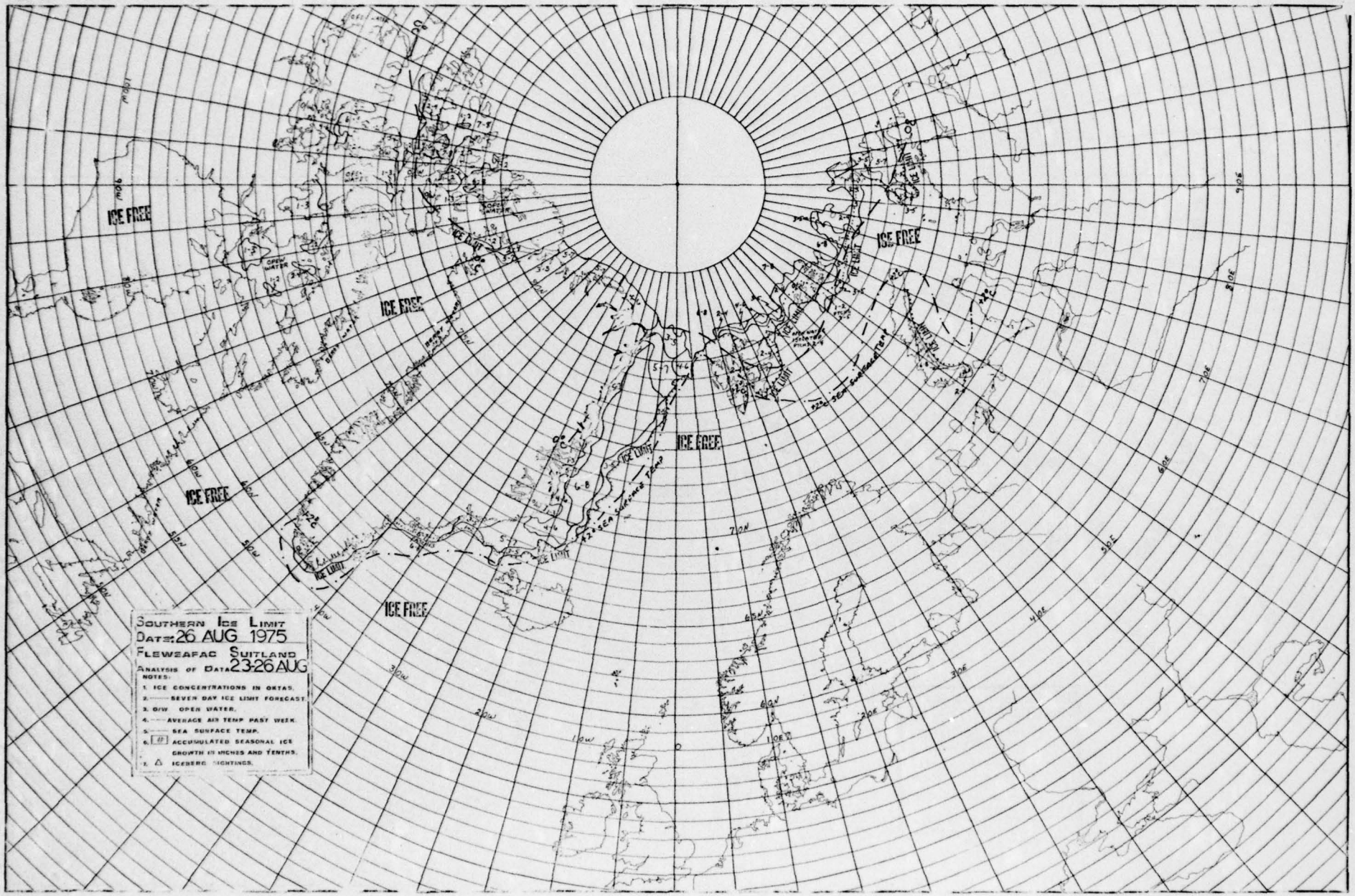
END
DATE
FILMED
2-77

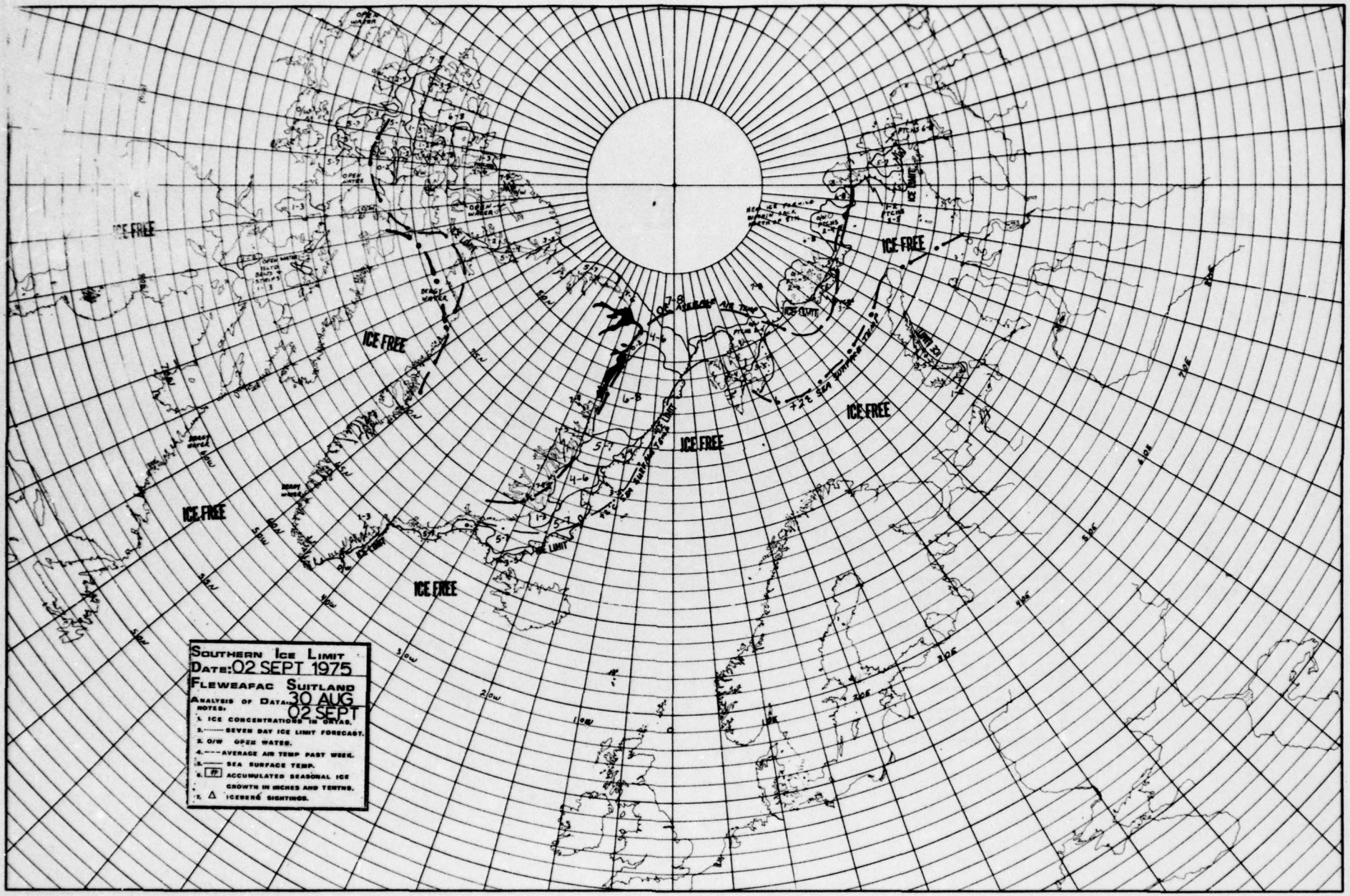


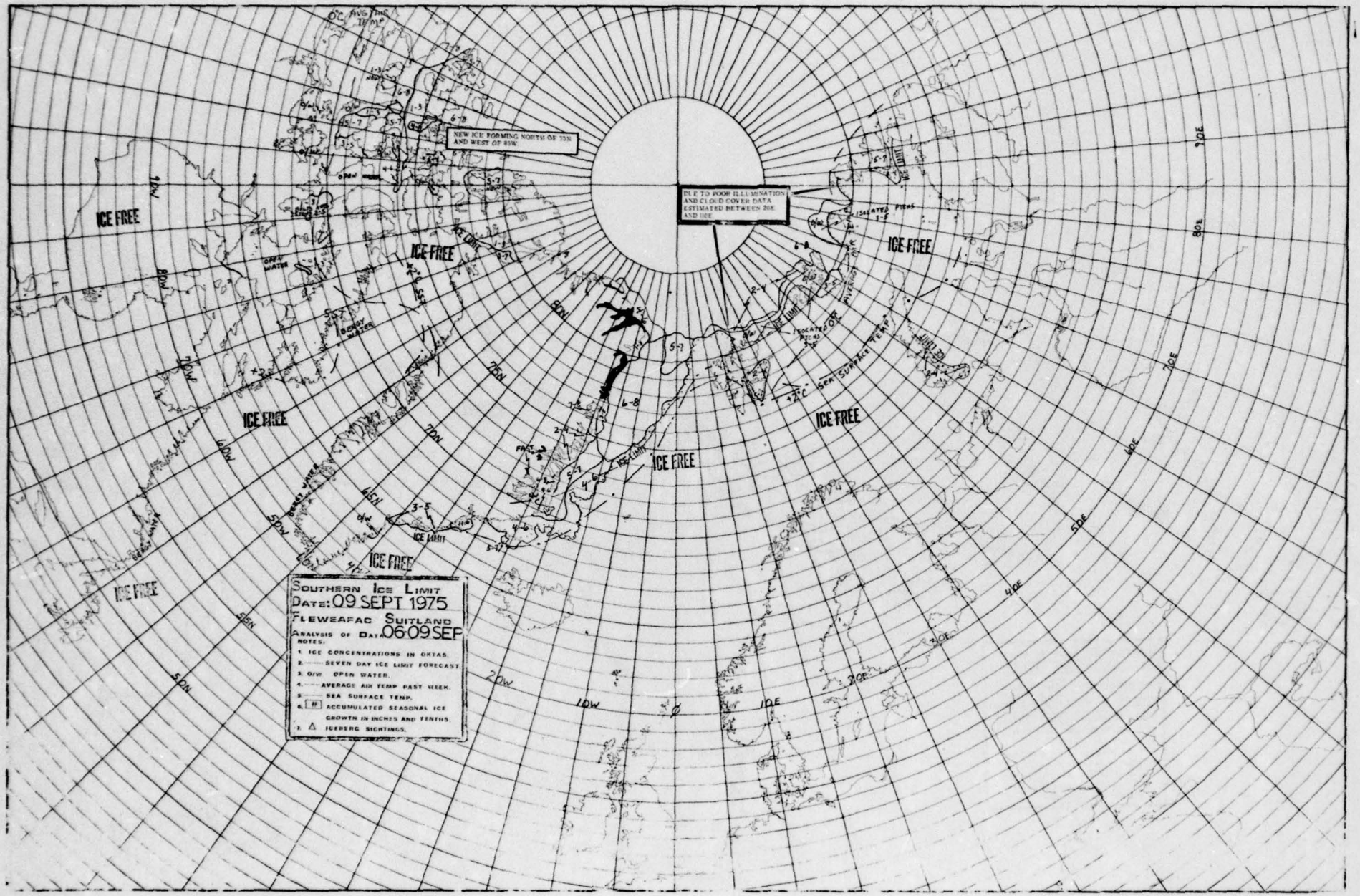
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963

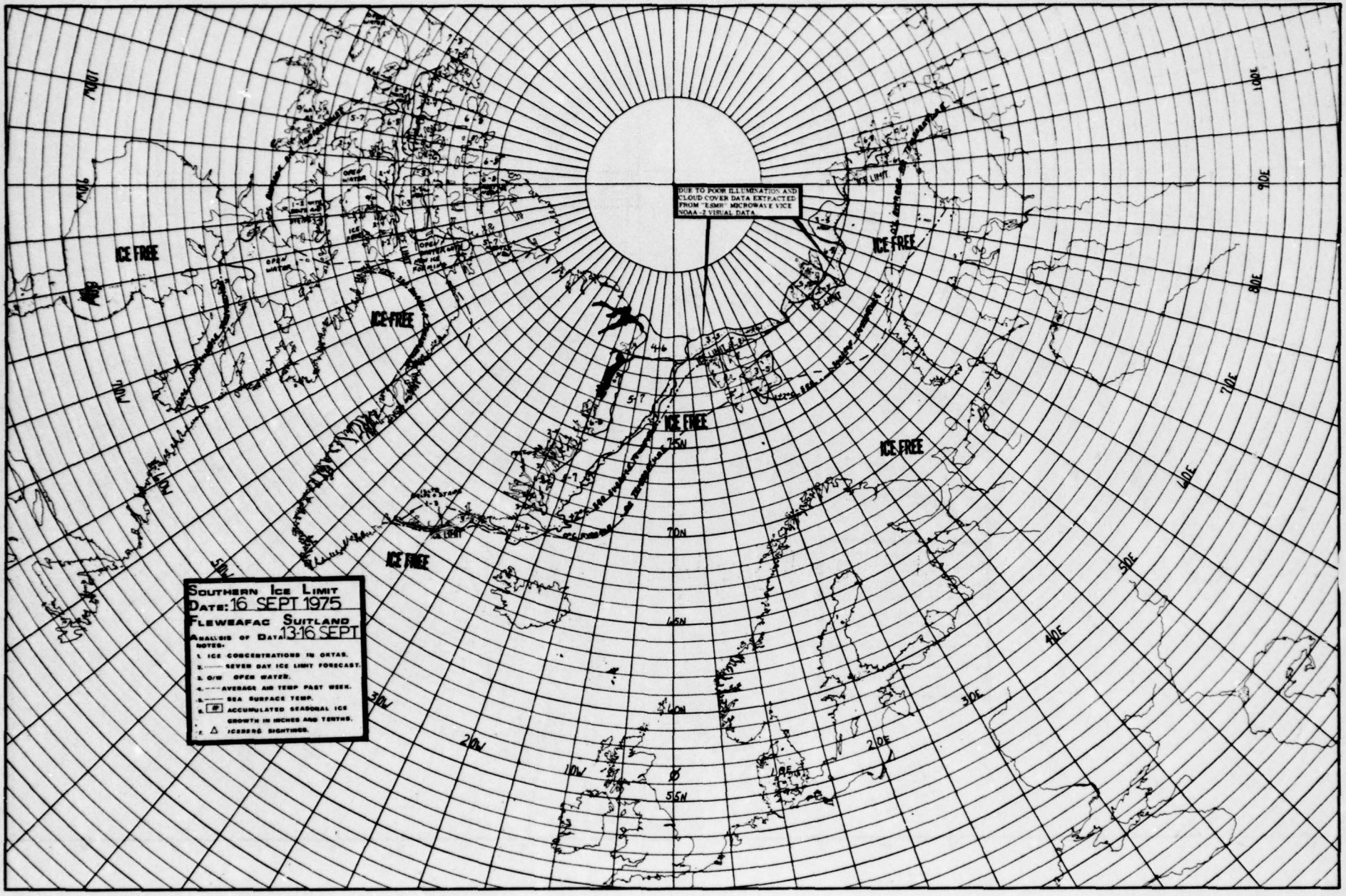

SOUTHERN ICE LIMIT
DATE: 12 AUG 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 09-12 AUG
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
0°C AVERAGE AIR TEMPERATURE
+2°C SEA SURFACE
ICE FREE
ICE LIMIT
OPEN WATER
90W
80W
70W
60W
50W
40W
30W
20W
10W
0
10E
20E
30E
40E
50E
60E
70E
80E
90E

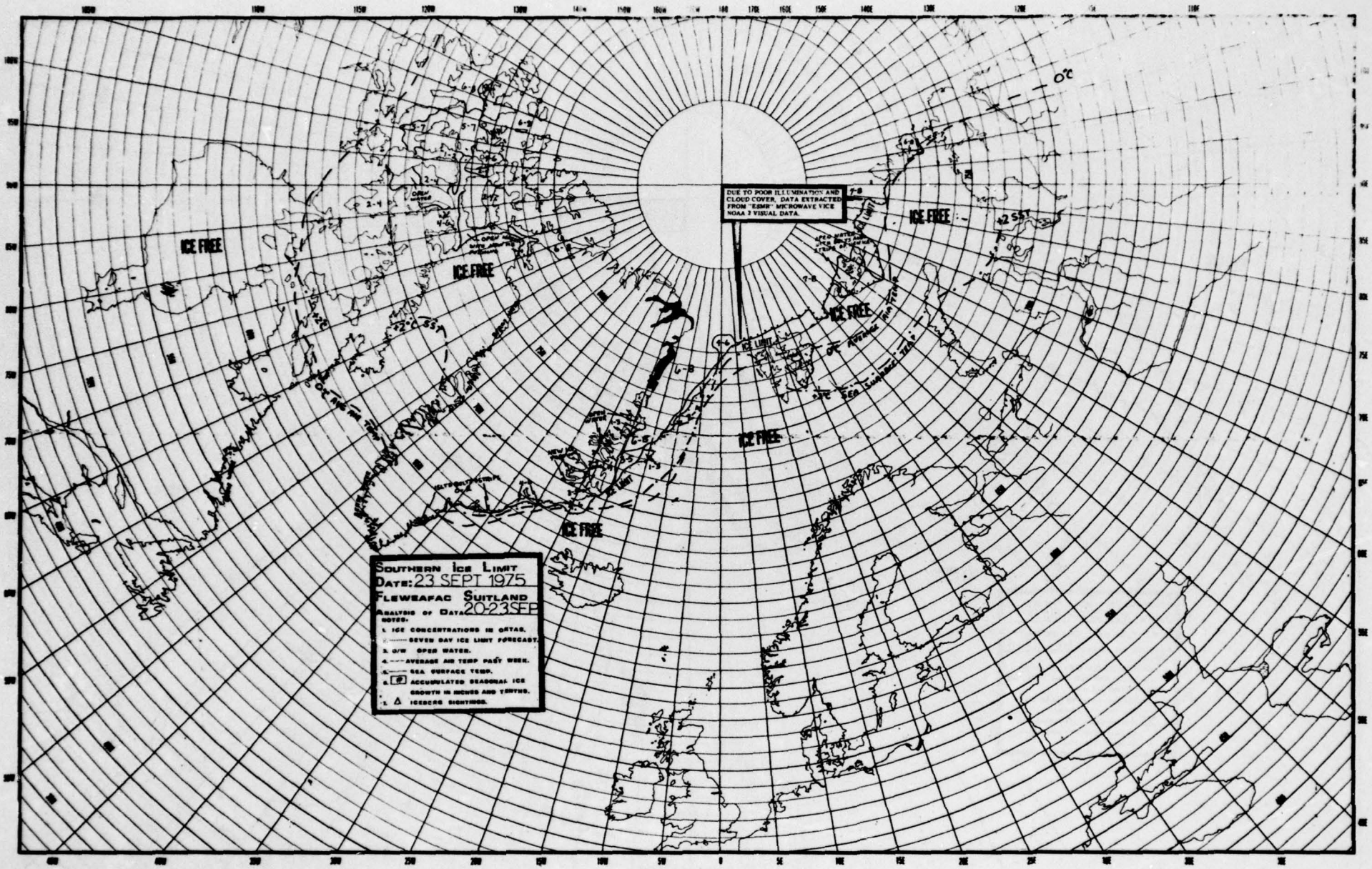

ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
SEA SURFACE TEMP
SEA SURFACE TEMP
SOUTHERN ICE LIMIT
DATE: 19 AUG 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 16-19 AUG
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ICE ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTING.

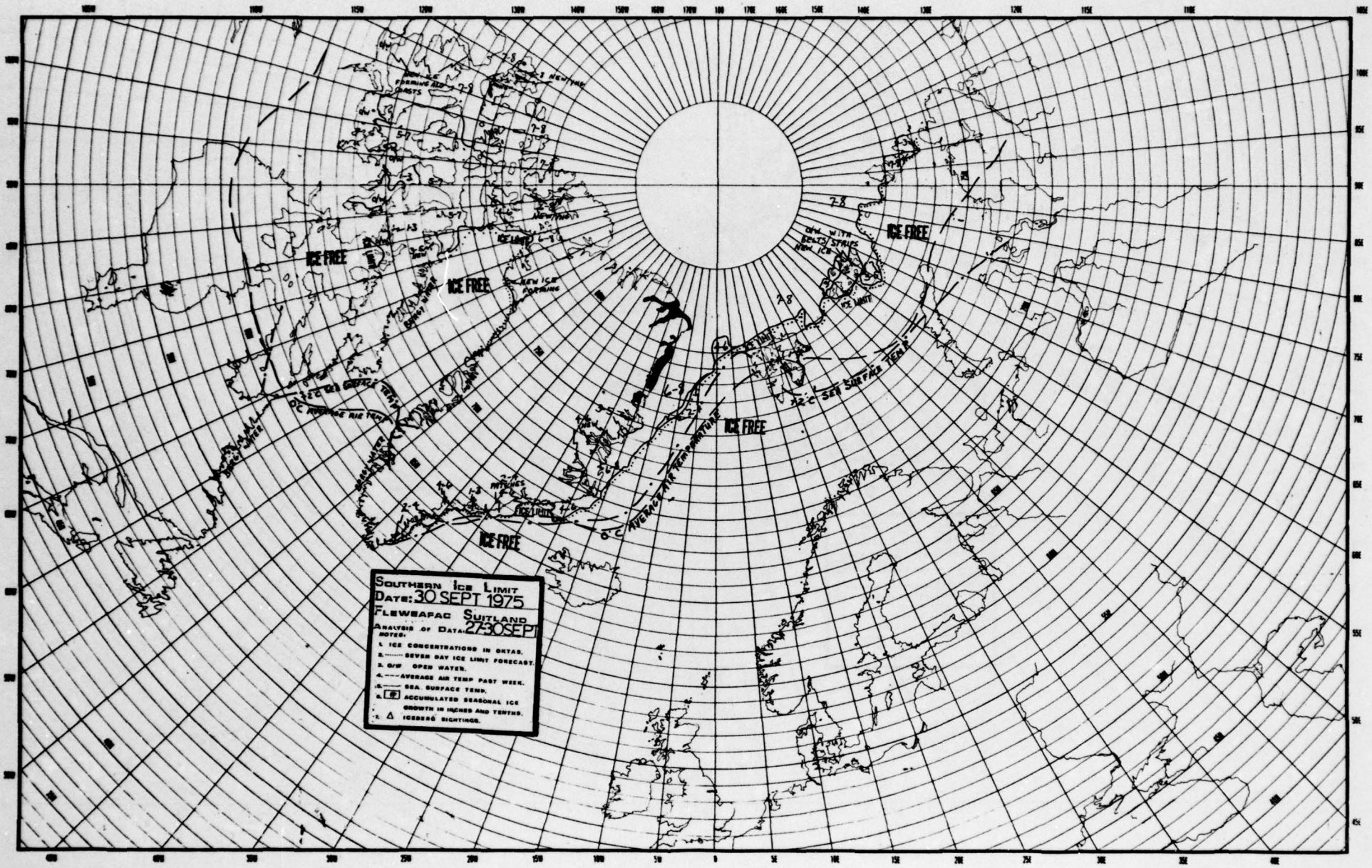

SOUTHERN ICE LIMIT
DATE: 26 AUG 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 23-26 AUG
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. — AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. [#] ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
OPEN WATER
OPEN WATER
SEA SURFACE TEMP
SEA SURFACE TEMP
90W
80W
70W
60W
50W
40W
30W
20W
10W
0
10E
20E
30E
40E
50E
60E
70E
80E
90E

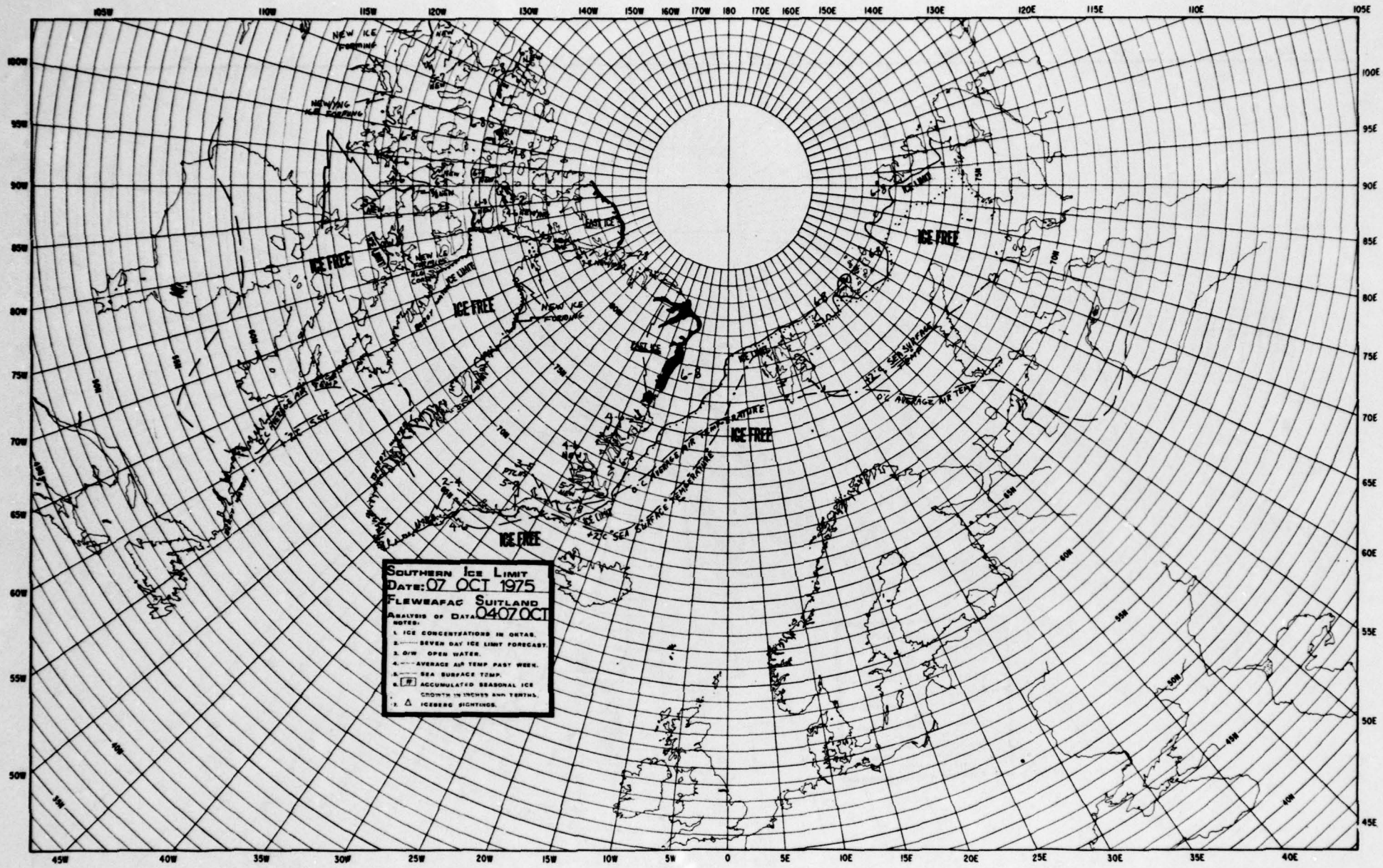

SOUTHERN ICE LIMIT
DATE: 02 SEPT 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 30 AUG
02 SEPT
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
OPEN WATER
HEAVY WATER
HEAVY WATER
HEAVY WATER
OPEN WATER
OPEN WATER
OPEN

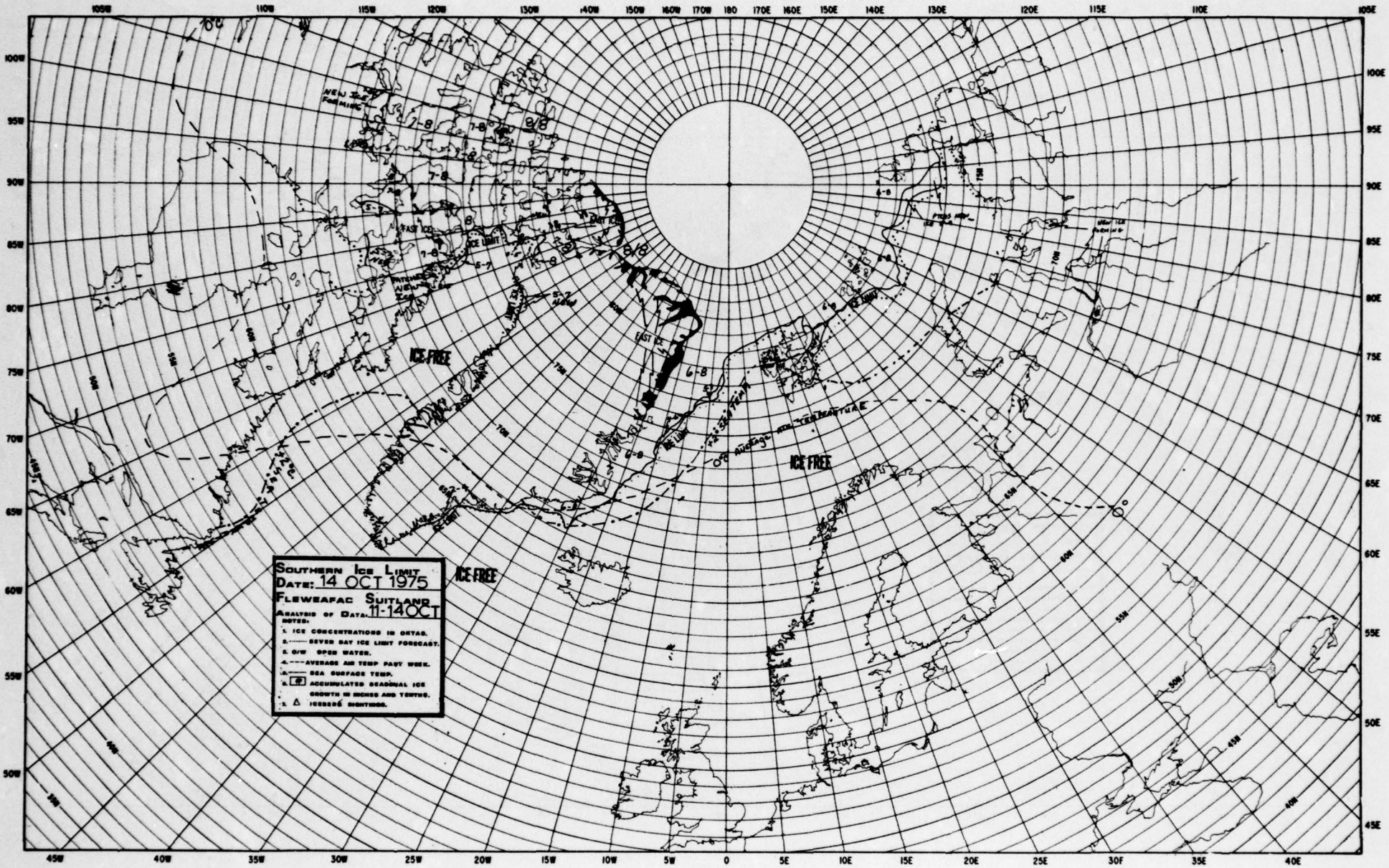

SOUTHERN ICE LIMIT
DATE: 09 SEPT 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 06-09 SEP
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
NEW ICE FORMING NORTH OF 75N AND WEST OF 85W
DUE TO POOR ILLUMINATION AND CLOUD COVER DATA ESTIMATED BETWEEN 20E AND 10E
ICE FREE
ICE LIMIT
OPEN WATER
ISOLATED FLOES
SEA SURFACE TEMP
0°C AVG TMP
90W
80W
70W
60W
50W
40W
30W
20W
10W
0
10E
20E
30E
40E
50E
60E
70E
80E
90E
85N
80N
75N
70N
65N
60N
55N

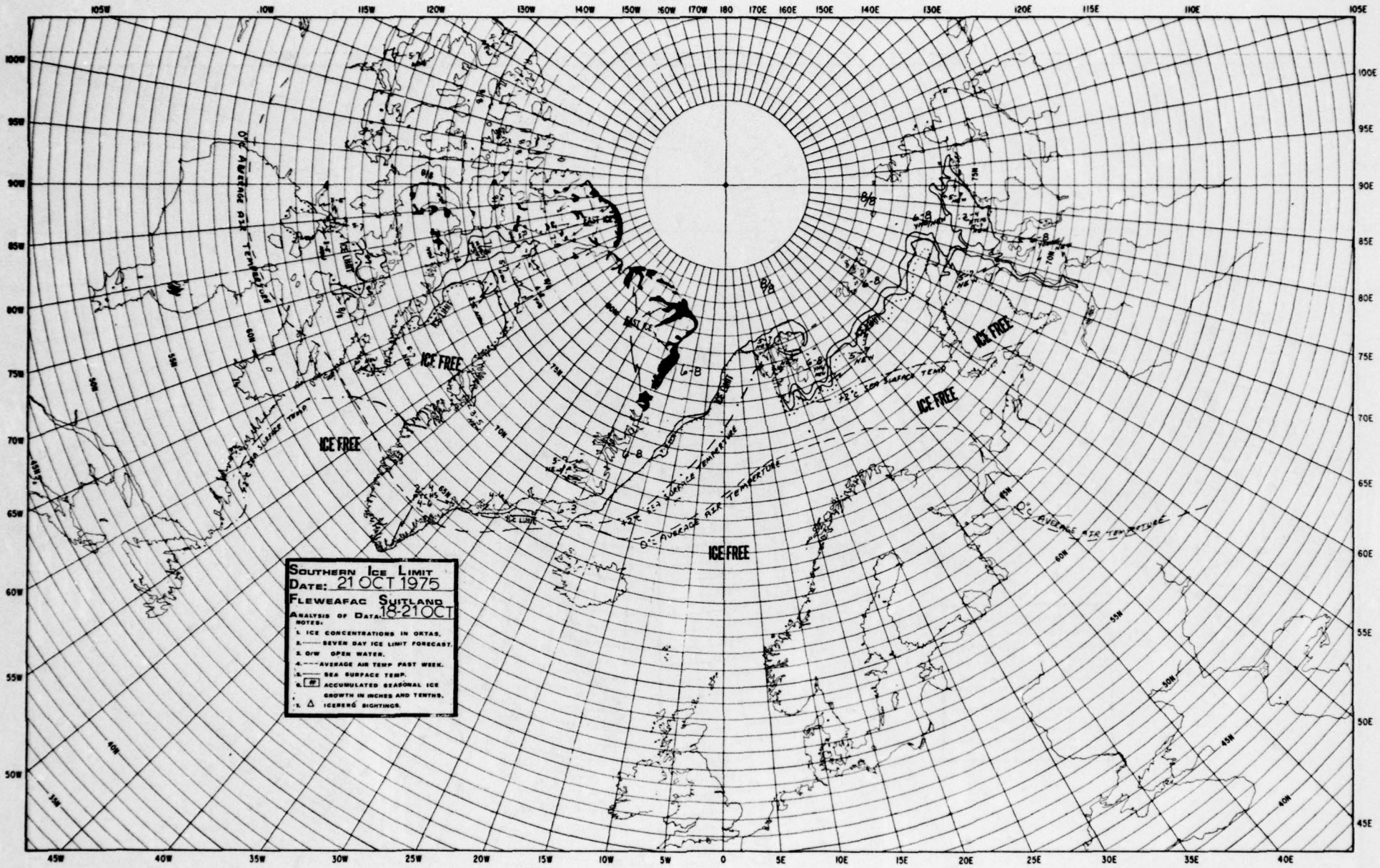

SOUTHERN ICE LIMIT
DATE: 16 SEPT 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 13-16 SEPT
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
DUE TO POOR ILLUMINATION AND CLOUD COVER DATA EXTRACTED FROM "ESMR" MICROWAVE VICE NOAA-2 VISUAL DATA.
ICE FREE
ICE LIMIT
OPEN WATER
POLE
70N
75N
80N
85N
90N
100E
90E
80E
70E
60E
50E
40E
30E
20E
10E
0
10W
20W
30W
40W
50W
60W

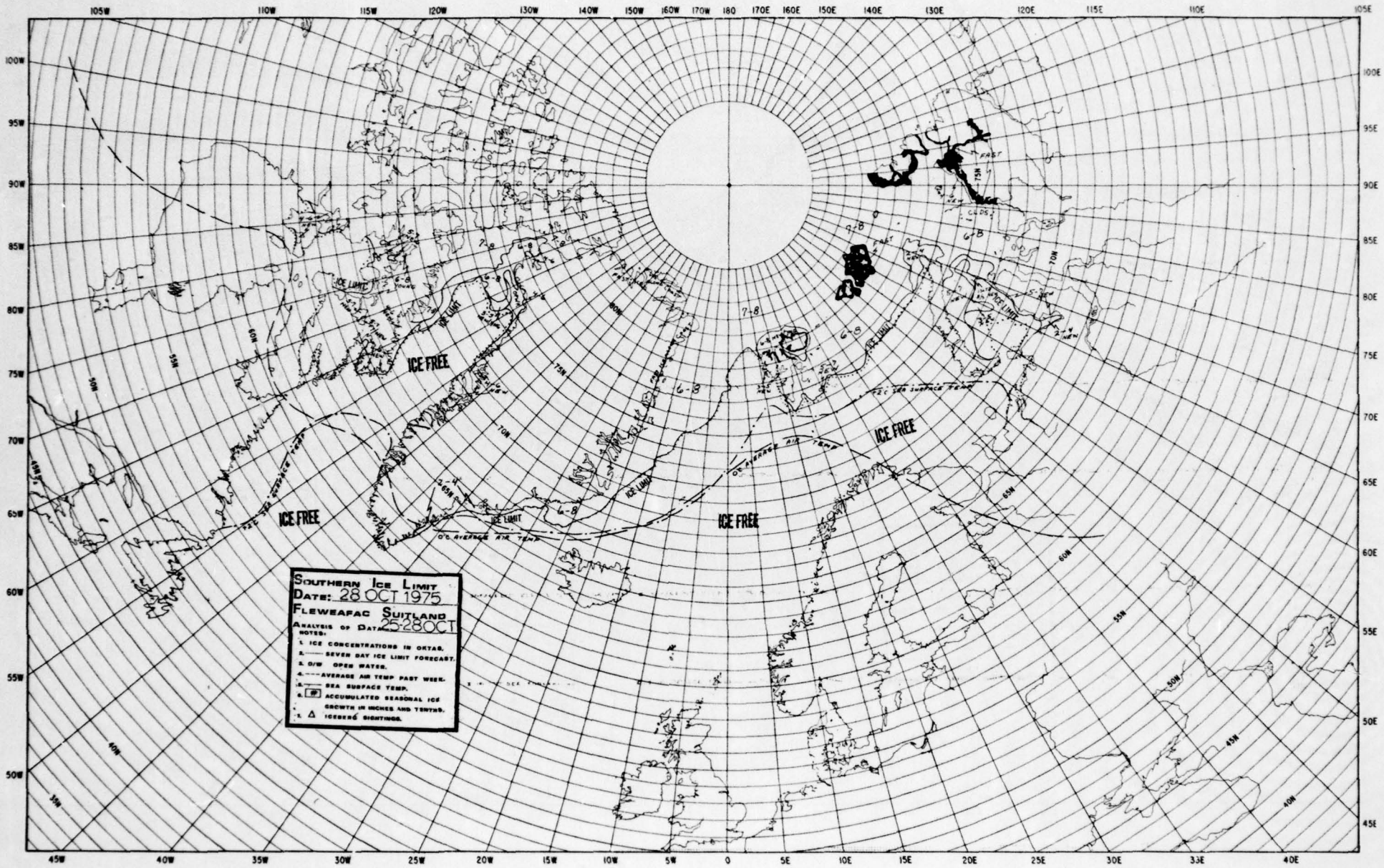

SOUTHERN ICE LIMIT
DATE: 23 SEPT 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 20-23 SEP
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
DUE TO POOR ILLUMINATION AND CLOUD COVER, DATA EXTRACTED FROM "ESMR" MICROWAVE VICE NOAA 2 VISUAL DATA.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
ICE LIMIT
0°C
+2 SST
-2°C SST
-2°C SST
+2°C SST
+2°C SST
AVERAGE AIR TEMP
SEA SURFACE TEMP

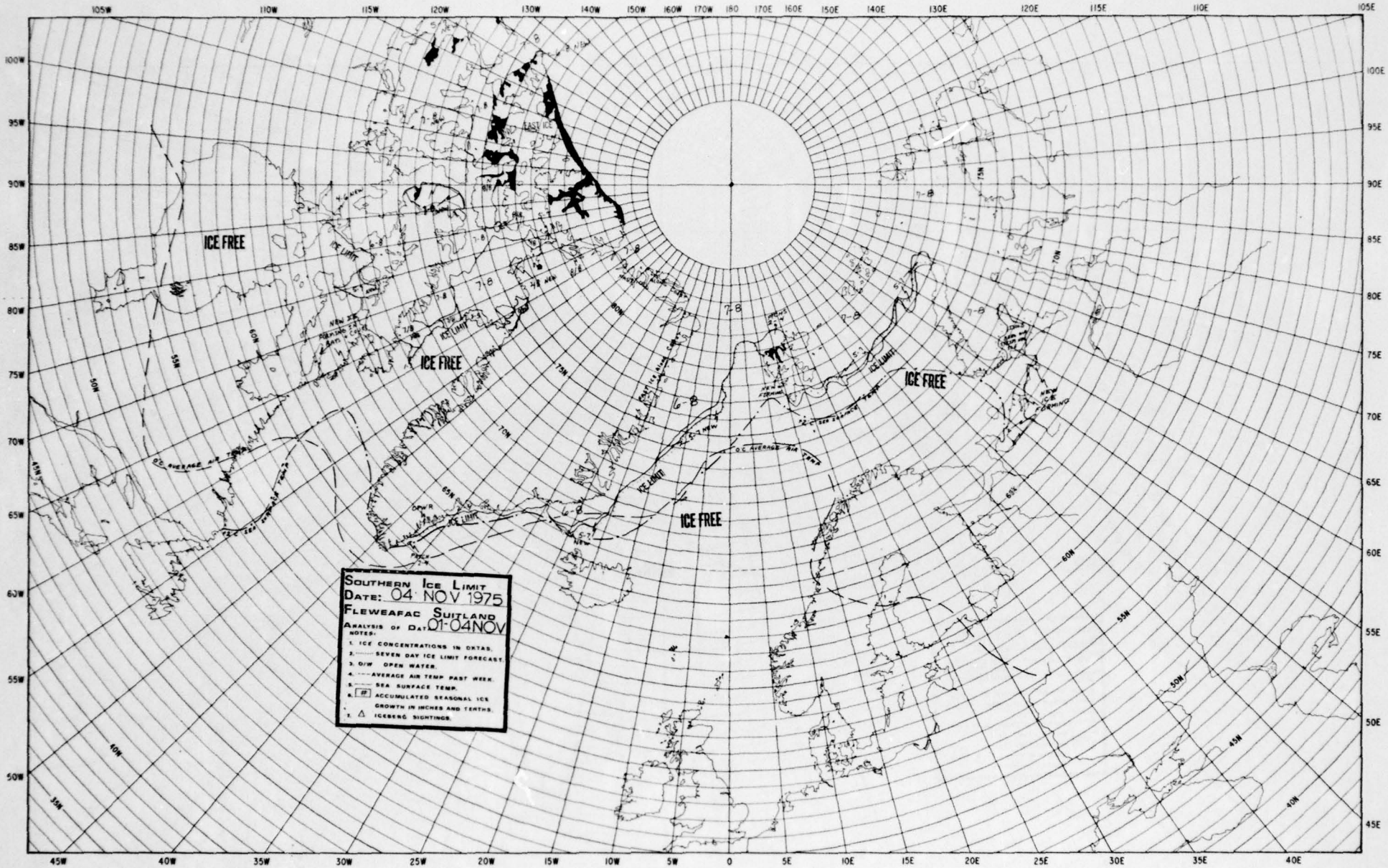

SOUTHERN ICE LIMIT
DATE: 30 SEPT 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 27-30 SEPT
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
NEW ICE FORMING
FORMING ICE
FRESH WATER
OPEN WATER
ICE LIMIT
O/W WITH (0-1/2) STRIPS NEW ICE
ICE LIMIT
12°C SEA SURFACE TEMP
0°C AVERAGE AIR TEMPERATURE
PATCHES
ICE LIMIT

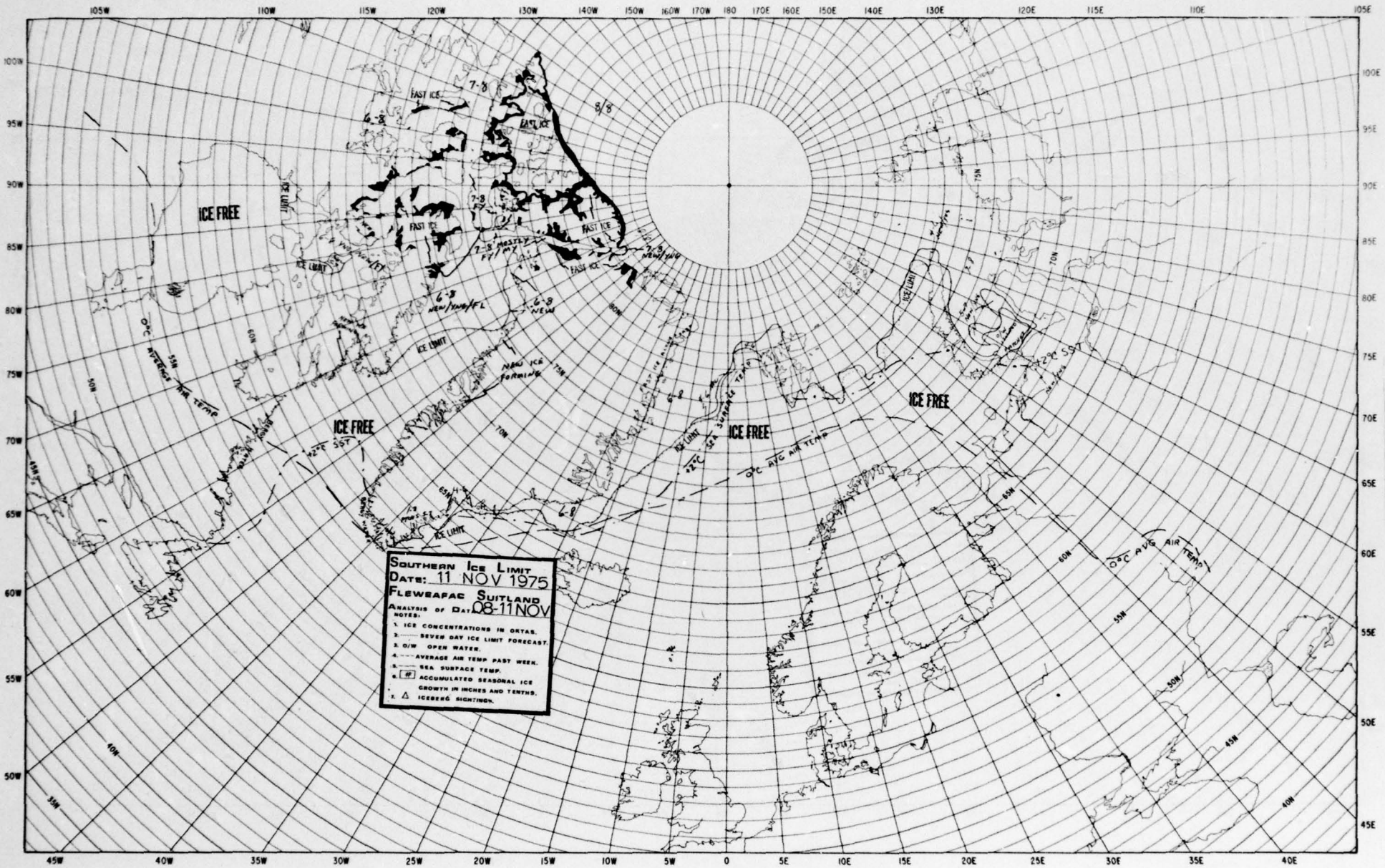

SOUTHERN ICE LIMIT
DATE: 07 OCT 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 0407 OCT
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
NEW ICE FORMING
EAST ICE
ICE LIMIT
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMP

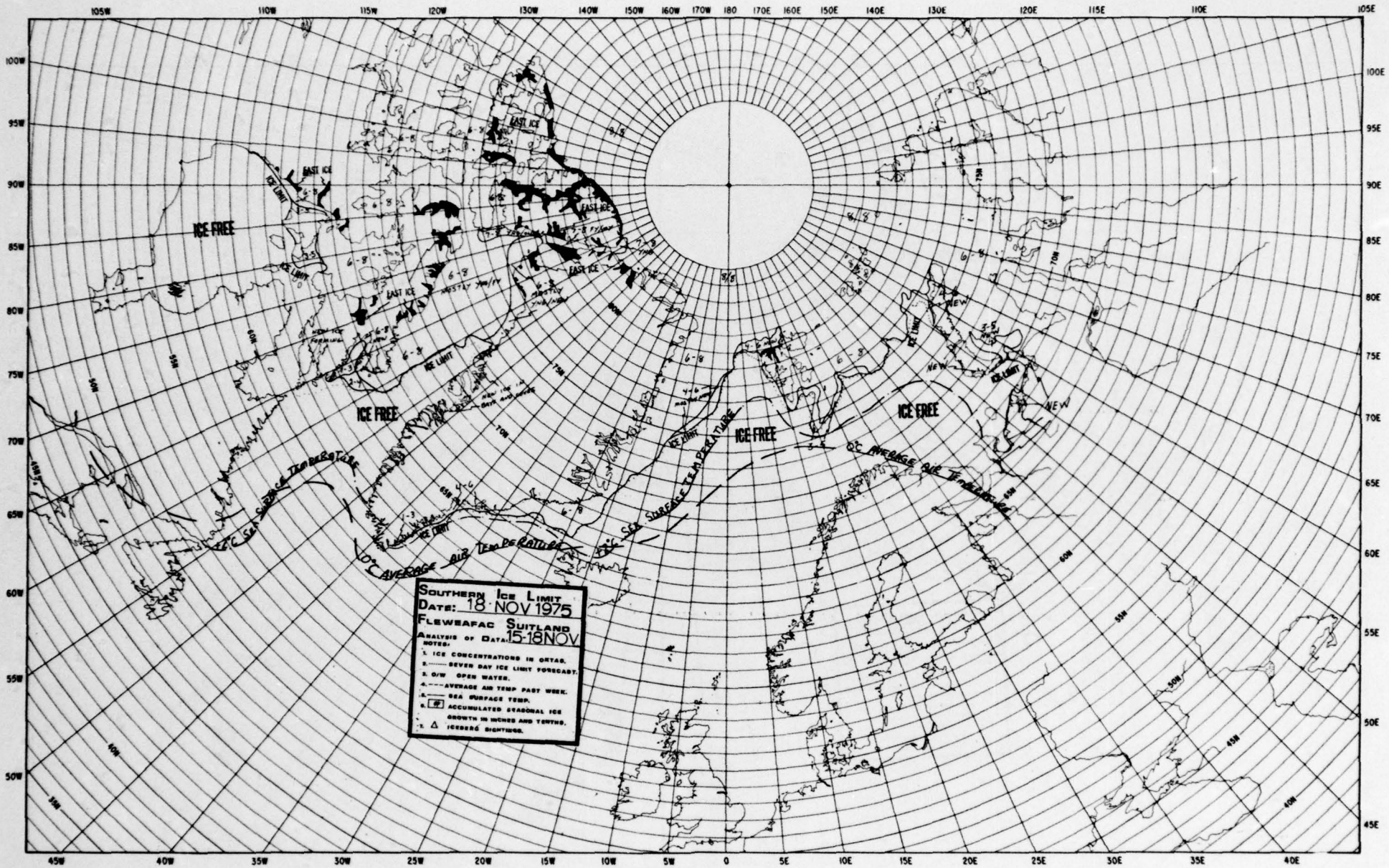

SOUTHERN ICE LIMIT
DATE: 14 OCT 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 11-14 OCT
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE-FREE
ICE-FREE
ICE-FREE
EAST ICE
ICE LIMIT
NEW ICE FORMING
8/8
7-8
6-8
5-7
0°
10°

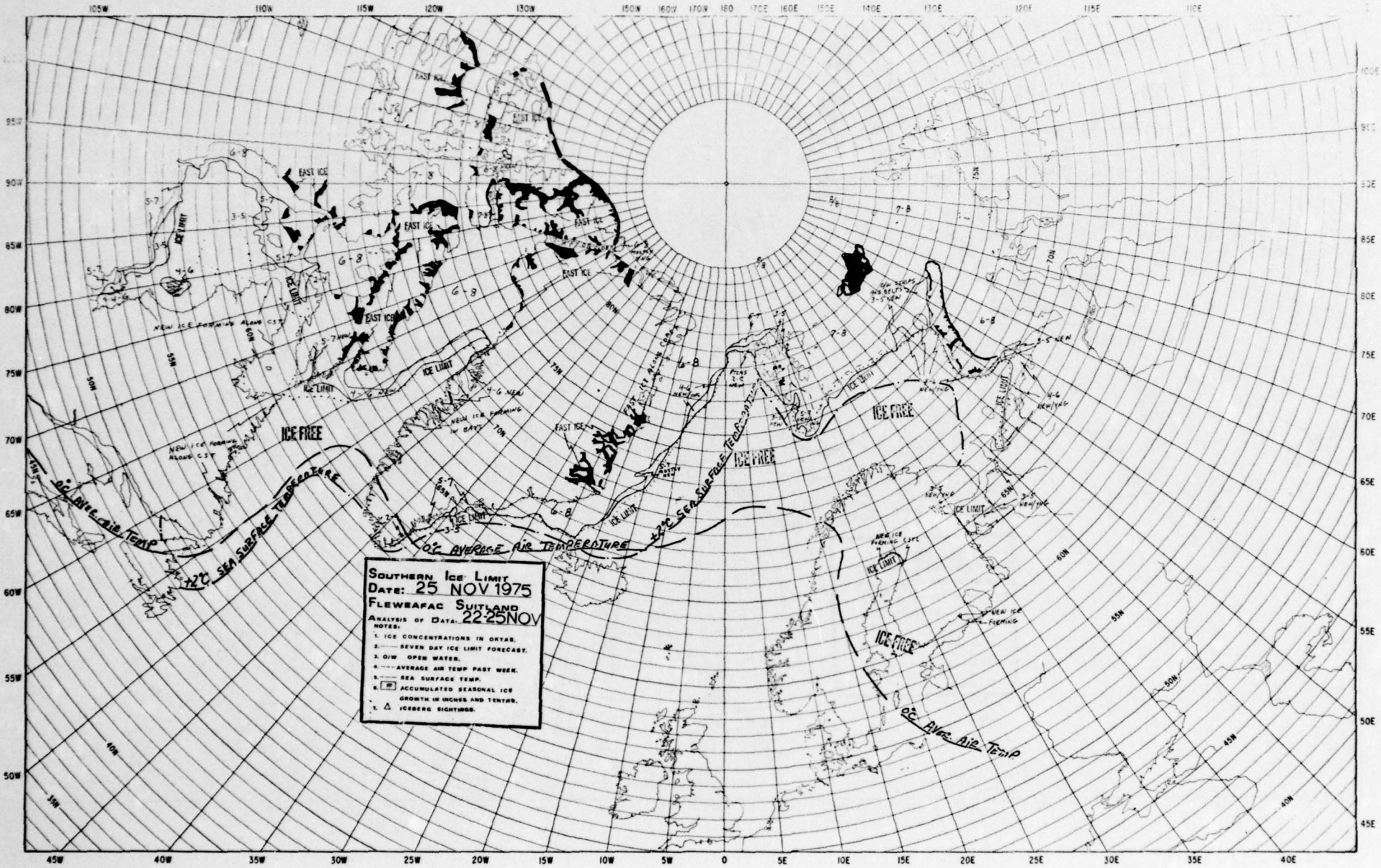

SOUTHERN ICE LIMIT
DATE: 21 OCT 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 18-21 OCT
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
EAST ICE
ICE LIMIT
0°C AVERAGE AIR TEMPERATURE
22°C SEA SURFACE TEMP
105W
110W
115W
120W
130W
140W
150W
160W
170W
180
170E
160E
150E
140E
130E
120E
115E
110E
105E
100W
95W
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
100E
95E
90E
85E
80E
75E
70E
65E
60E
55E
50E
45E

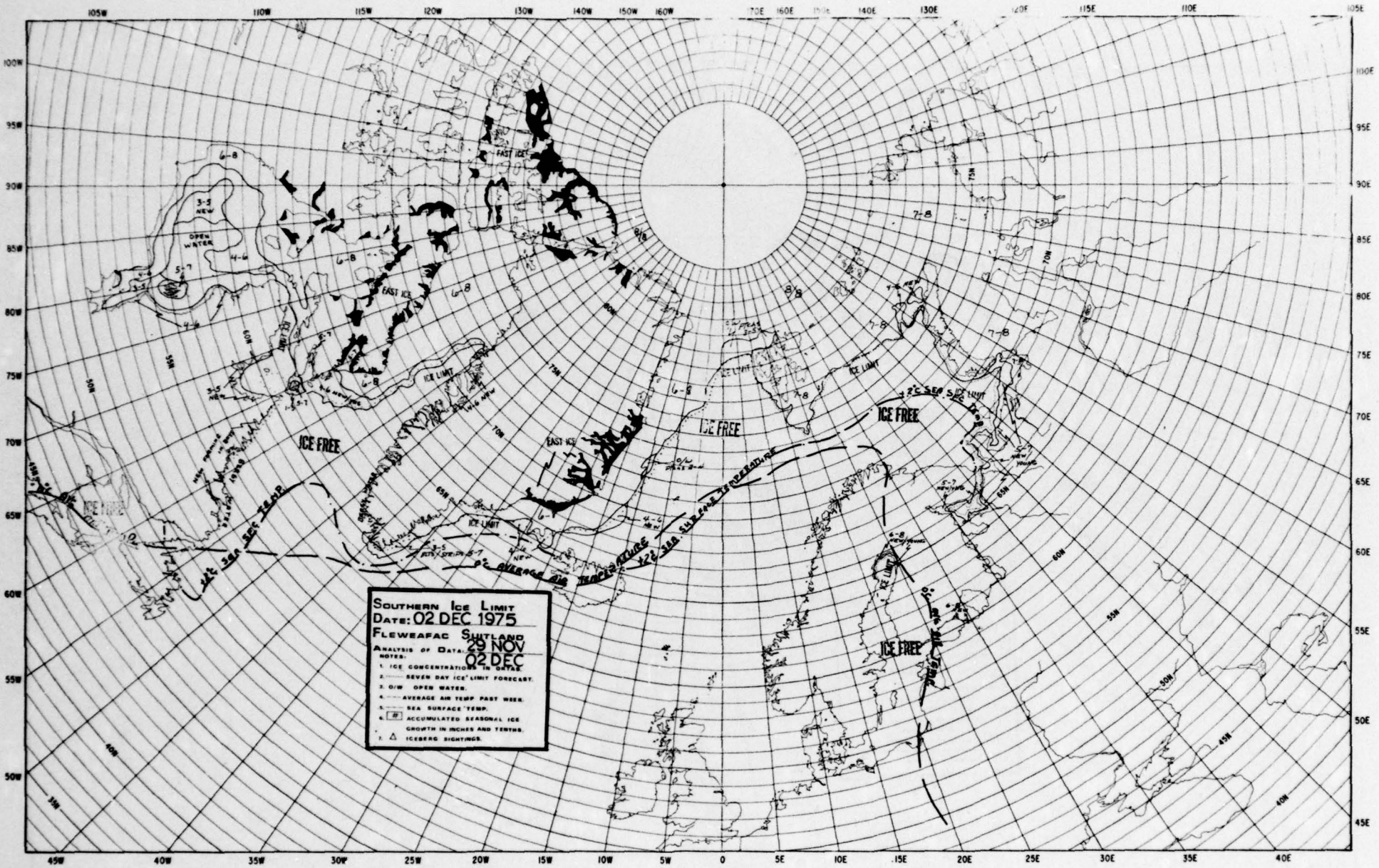

SOUTHERN ICE LIMIT
DATE: 28 OCT 1975
FLEWEAPAC SUITLAND
ANALYSIS OF DATA 25-28 OCT
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. —— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
0°C AVERAGE AIR TEMP
+2°C SEA SURFACE TEMP
105W
110W
115W
120W
130W
140W
150W
160W
170W
180
170E
160E
150E
140E
130E
120E
115E
110E
105E
100W
95W
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
100E
95E
90E
85E
80E
75E
70E
65E
60E
55E
50E
45E
75N
70N
65N
60N
55N
50N
45N
40N
35N

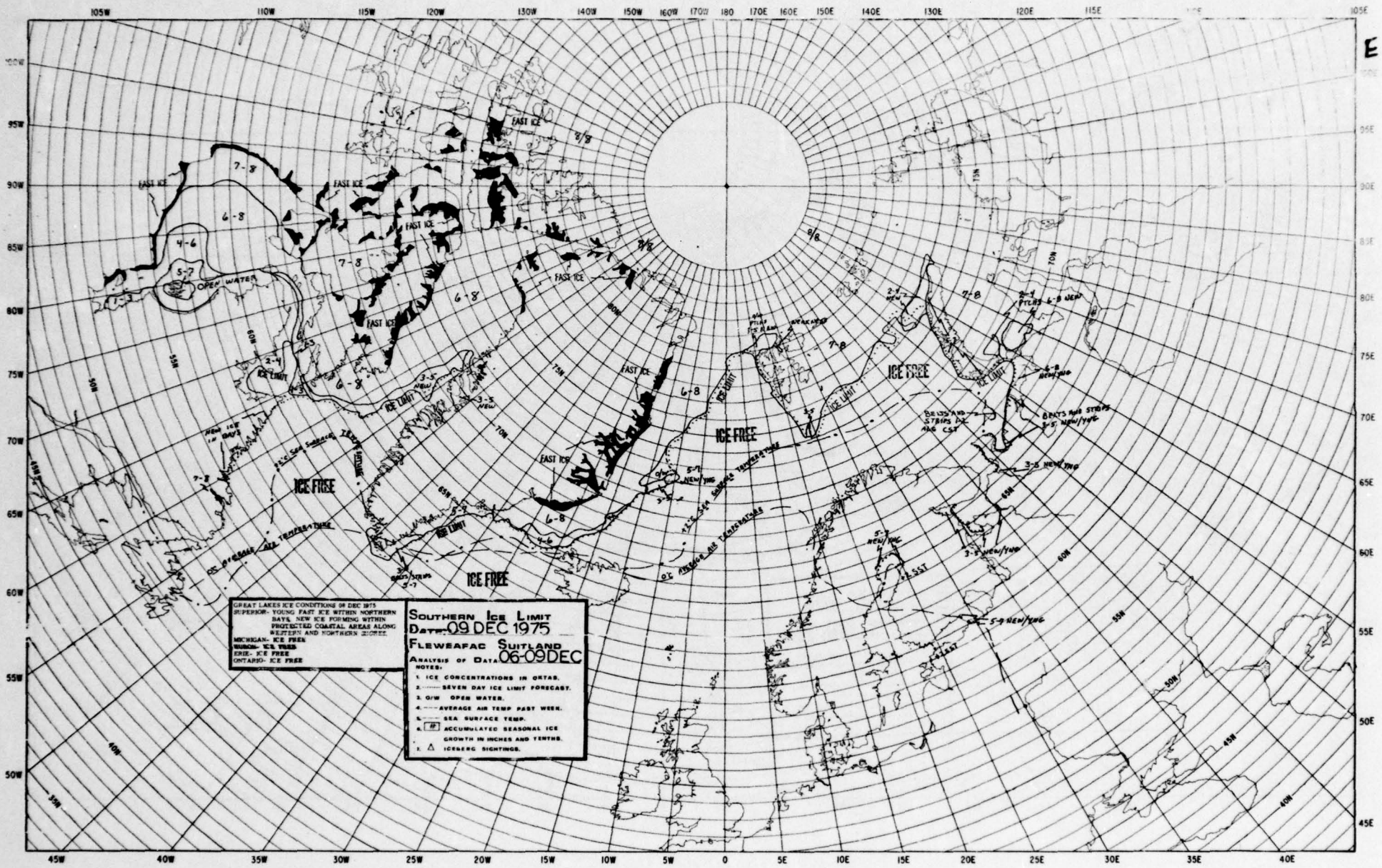

SOUTHERN ICE LIMIT
DATE: 04 NOV 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 01-04NOV
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ..... SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. —— SEA SURFACE TEMP.
6. ▭ ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
ICE LIMIT
LAST ICE
NEW ICE FORMING
0°C AVERAGE AIR TEMP
0°C SEA SURFACE TEMP
105W 110W 115W 120W 130W 140W 150W 160W 170W 180 170E 160E 150E 140E 130E 120E 115E 110E 105E
100W 95W 90W 85W 80W 75W 70W 65W 60W 55W 50W
100E 95E 90E 85E 80E 75E 70E 65E 60E 55E 50E 45E
45W 40W 35W 30W 25W 20W 15W 10W 5W 0 5E 10E 15E 20E 25E 30E 35E 40E

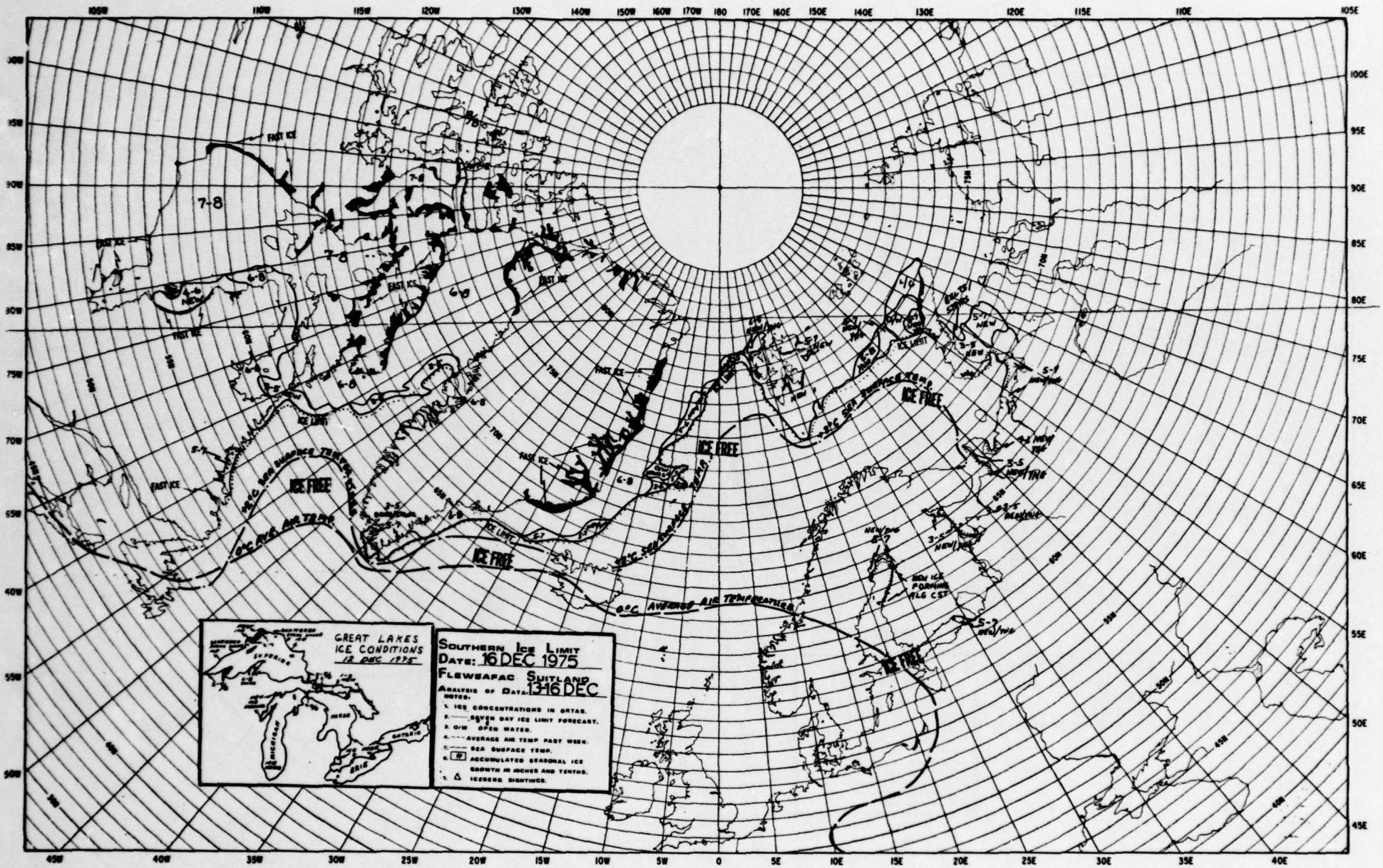

SOUTHERN ICE LIMIT
DATE: 11 NOV 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA 08-11 NOV
NOTES:
1. ICE CONCENTRATIONS IN ORTAS.
2. ——— SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE FREE
ICE FREE
ICE FREE
FAST ICE
FAST ICE
FAST ICE
FAST ICE
ICE LIMIT
ICE LIMIT
ICE LIMIT
ICE LIMIT
NEW ICE FORMING
0°C AVG AIR TEMP
0°C AVG AIR TEMP
0°C AVG AIR TEMP
+2°C SST
+2°C SST
+2°C SEA SURFACE TEMP
7-8
6-8
8/8
7-8 MOSTLY FY/MY
7-8 NEW/YNG
6-8 NEW/YNG/FL
6-8 NEW
6-8
105W 110W 115W 120W 130W 140W 150W 160W 170W 180 170E 160E 150E 140E 130E 120E 115E 110E 105E
100W 95W 90W 85W 80W 75W 70W 65W 60W 55W 50W
100E 95E 90E 85E 80E 75E 70E 65E 60E 55E 50E 45E
45W 40W 35W 30W 25W 20W 15W 10W 5W 0 5E 10E 15E 20E 25E 30E 35E 40E
75N 70N 65N 60N 55N 50N 45N 40N 35N

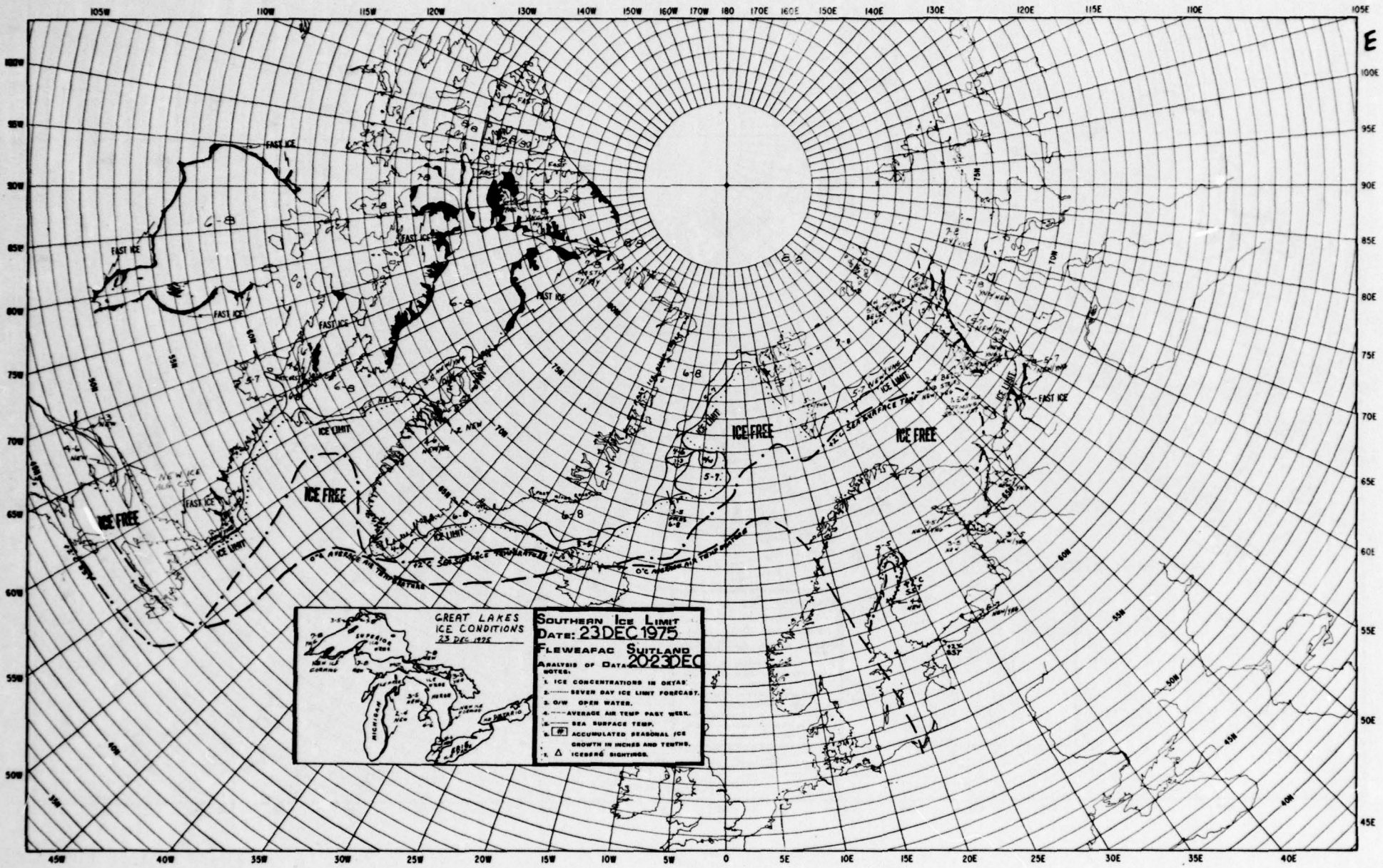

SOUTHERN ICE LIMIT
DATE: 18 NOV 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 15-18 NOV
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. - - - AVERAGE AIR TEMP PAST WEEK.
5. ——— SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
EAST ICE
ICE LIMIT
NEW ICE
ICE DRIFT
SEA SURFACE TEMPERATURE
AVERAGE AIR TEMPERATURE
105W 110W 115W 120W 130W 140W 150W 160W 170W 180 170E 160E 150E 140E 130E 120E 115E 110E 105E
100W 95W 90W 85W 80W 75W 70W 65W 60W 55W 50W
100E 95E 90E 85E 80E 75E 70E 65E 60E 55E 50E 45E
45W 40W 35W 30W 25W 20W 15W 10W 5W 0 5E 10E 15E 20E 25E 30E 35E 40E

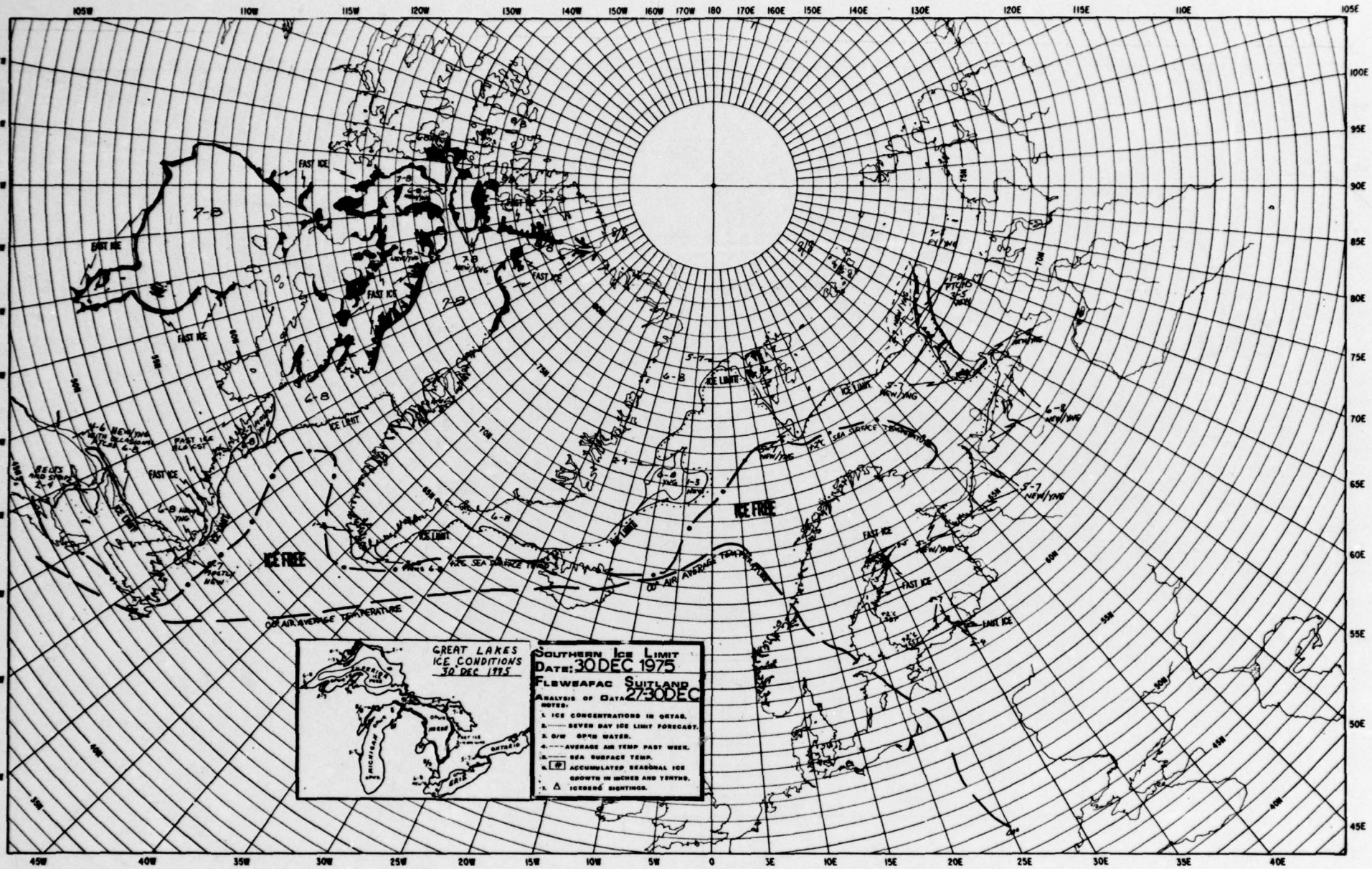

SOUTHERN ICE LIMIT
DATE: 25 NOV 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 22-25NOV
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
EAST ICE
0°C AVERAGE AIR TEMP
+2°C SEA SURFACE TEMPERATURE
NEW ICE FORMING ALONG C.S.T.
NEW ICE FORMING IN BAYS
105W
110W
115W
120W
130W
150W
160W
170W
180
170E
160E
150E
140E
130E
120E
115E
110E
95W
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
45E
50E
55E
60E
65E
70E
75E
80E
85E
90E
95E
100E
105E
110E
45N
40N
35N
30N
25N
20N
15N
10N
5N
0
5S
10S
15S
20S
25S
30S
35S
40S
45S
50S
55S
60S
65S
70S
75S


SOUTHERN ICE LIMIT
DATE: 02 DEC 1975
FLEWEAFAC SHETLAND
ANALYSIS OF DATA: 29 NOV
02 DEC
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
ICE FREE
ICE LIMIT
EAST ICE
FAST ICE
OPEN WATER
NEW
105W
110W
115W
120W
130W
140W
150W
160W
170E
160E
140E
130E
120E
115E
110E
105E
100W
95W
90W
85W
80W
75W
70W
65W
60W
55W
50W
45W
40W
35W
30W
25W
20W
15W
10W
5W
0
5E
10E
15E
20E
25E
30E
35E
40E
100E
95E
90E
85E
80E
75E
70E
65E
60E
55E
50E
45E


GREAT LAKES ICE CONDITIONS 09 DEC 1975
SUPERIOR- YOUNG FAST ICE WITHIN NORTHERN BAYS, NEW ICE FORMING WITHIN PROTECTED COASTAL AREAS ALONG WESTERN AND NORTHERN SHORES.
MICHIGAN- ICE FREE
HURON- ICE FREE
ERIE- ICE FREE
ONTARIO- ICE FREE
SOUTHERN ICE LIMIT
DATE: 09 DEC 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 06-09DEC
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. ------ SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. ---- AVERAGE AIR TEMP PAST WEEK.
5. ---- SEA SURFACE TEMP.
6. # ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. △ ICEBERG SIGHTINGS.
ICE FREE
FAST ICE
OPEN WATER
ICE LIMIT
NEW ICE IN BAYS
ICE FREE


SOUTHERN ICE LIMIT
DATE: 16 DEC 1975
FLEWEAPAC SUITLAND
ANALYSIS OF DATA: 13-16 DEC
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS
12 DEC 1975
SUPERIOR
MICHIGAN
HURON
ERIE
ONTARIO
ICE FREE
FAST ICE
ICE LIMIT
0°C AVG AIR TEMP
0°C AVERAGE AIR TEMPERATURE
SEA ICE FORMING ALG CST
7-8
6-8
5-7
3-5
NEW


SOUTHERN ICE LIMIT
DATE: 23DEC1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 2023DEC
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS
23 DEC 1975
ICE FREE
ICE LIMIT
FAST ICE
NEW ICE
SEA SURFACE TEMP
AVERAGE AIR TEMP
E


SOUTHERN ICE LIMIT
DATE: 30 DEC 1975
FLEWEAFAC SUITLAND
ANALYSIS OF DATA: 27-30 DEC
NOTES:
1. ICE CONCENTRATIONS IN OKTAS.
2. SEVEN DAY ICE LIMIT FORECAST.
3. O/W OPEN WATER.
4. AVERAGE AIR TEMP PAST WEEK.
5. SEA SURFACE TEMP.
6. ACCUMULATED SEASONAL ICE GROWTH IN INCHES AND TENTHS.
7. ICEBERG SIGHTINGS.
GREAT LAKES ICE CONDITIONS 30 DEC 1975
ICE FREE
FAST ICE
ICE LIMIT
00 AIR AVERAGE TEMPERATURE
SEA SURFACE TEMP