

AD-A072 979

FLEET WEATHER FACILITY SUITLAND MD
EASTERN-WESTERN ARCTIC SEA ICE ANALYSIS.(U)
1978

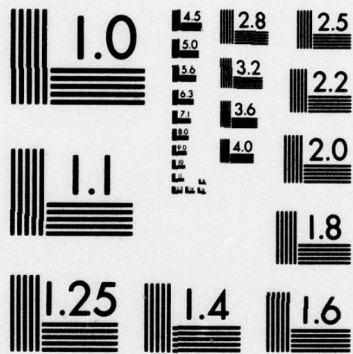
F/G 8/12

UNCLASSIFIED

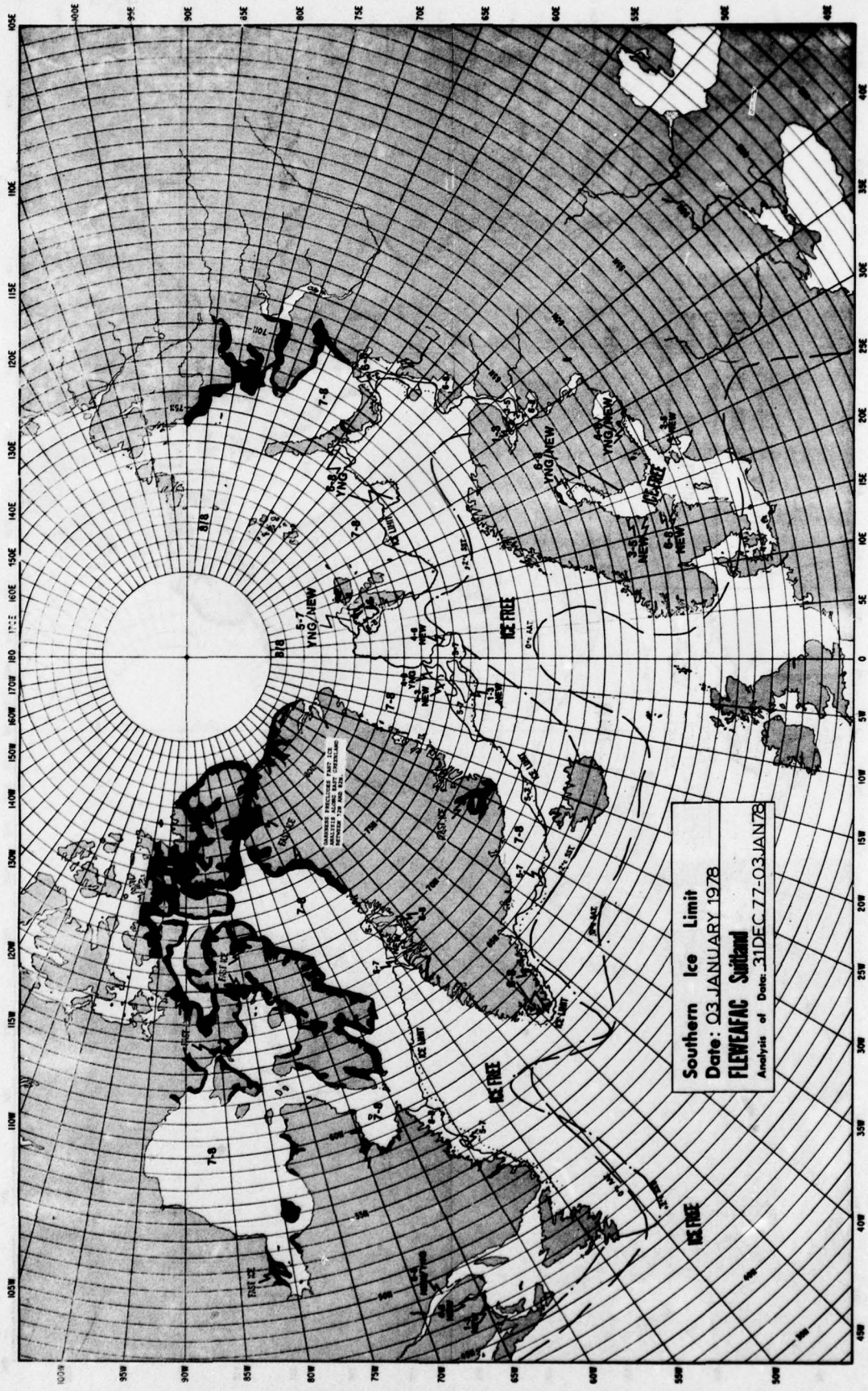
NL

1 OF 2
AD
A072979





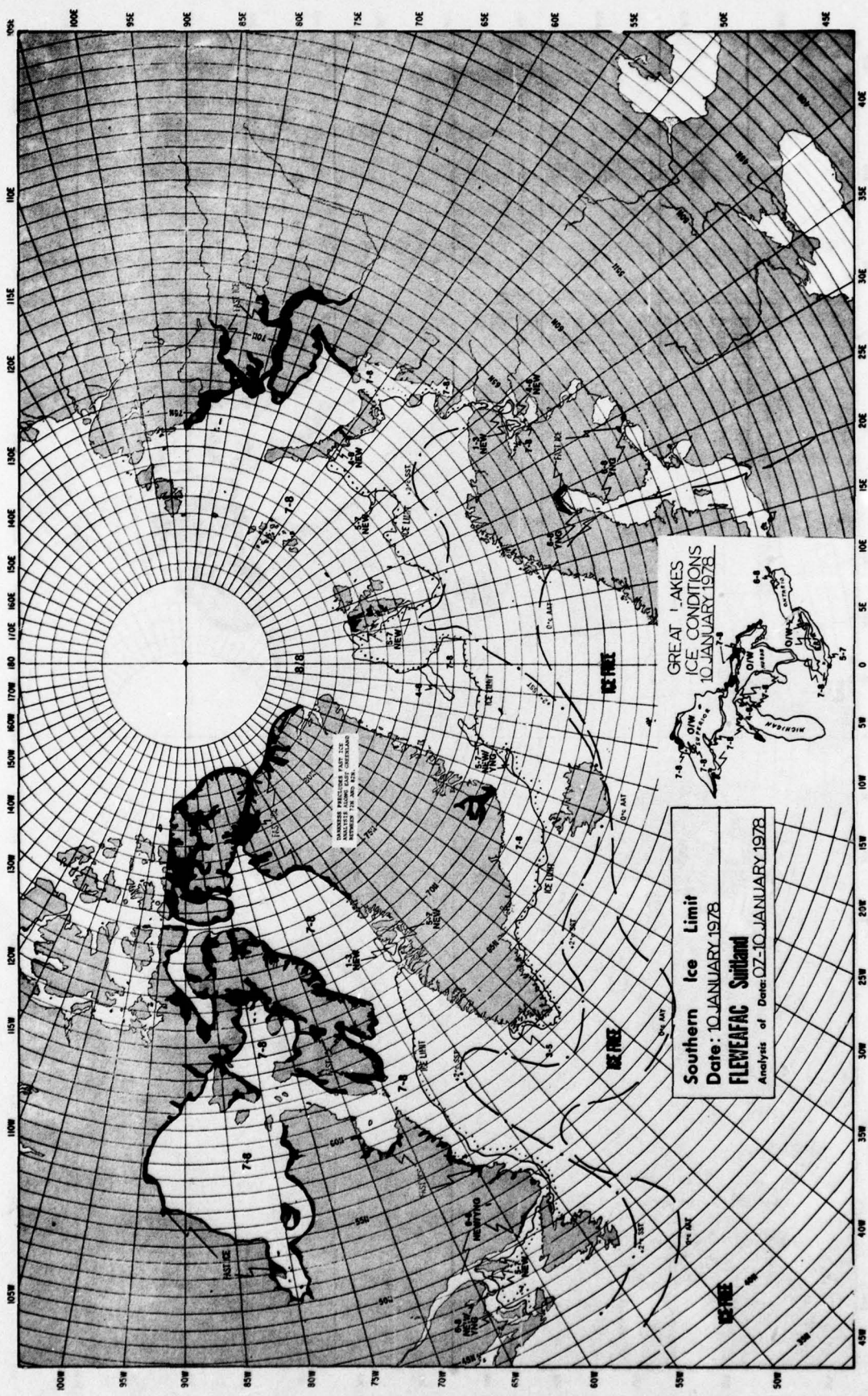
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

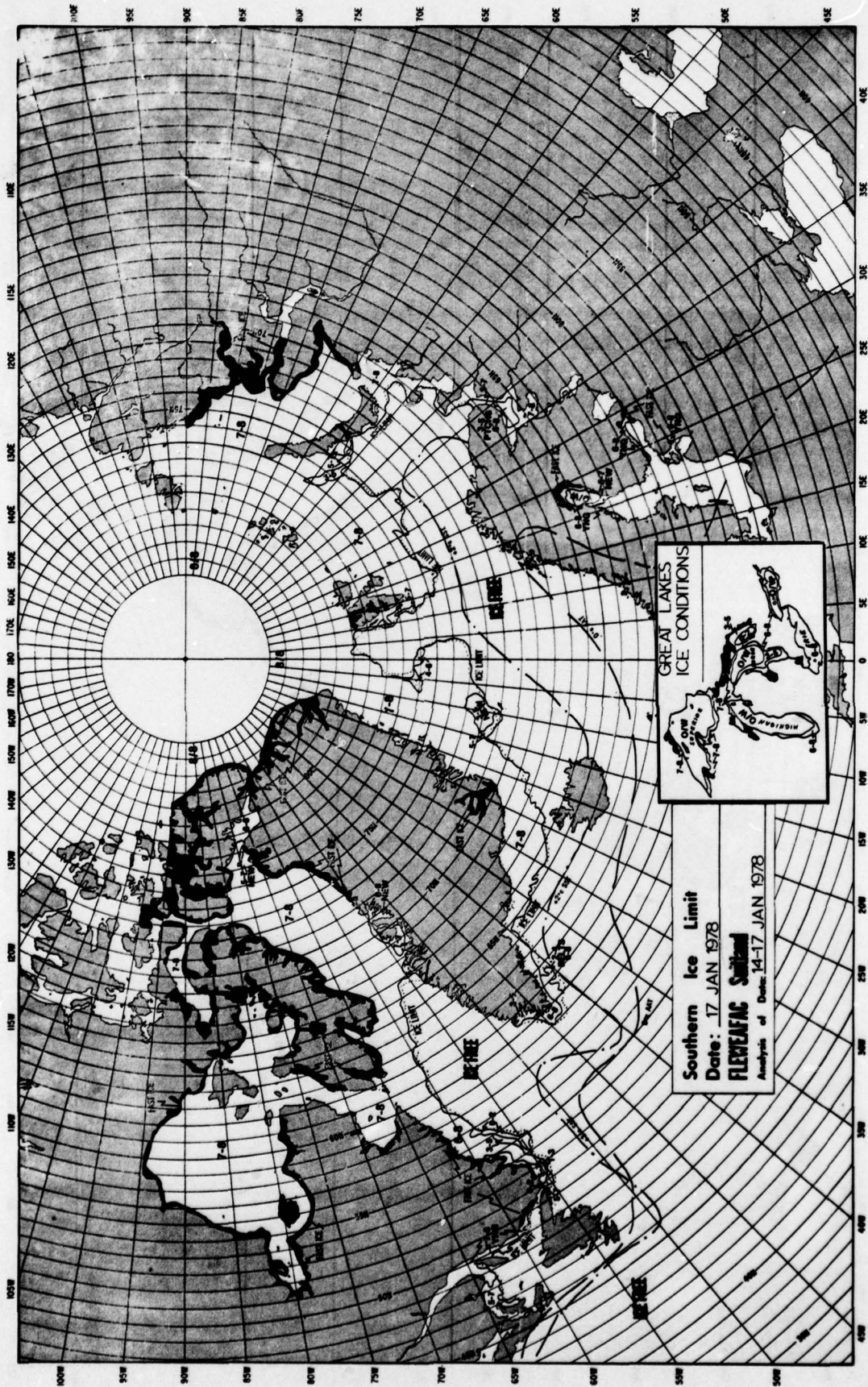


Southern Ice Limit
Date: 03 JANUARY 1978
FLEWENFAC Sutherland
 Analysis of Data 31 DEC 77 - 03 JAN 78

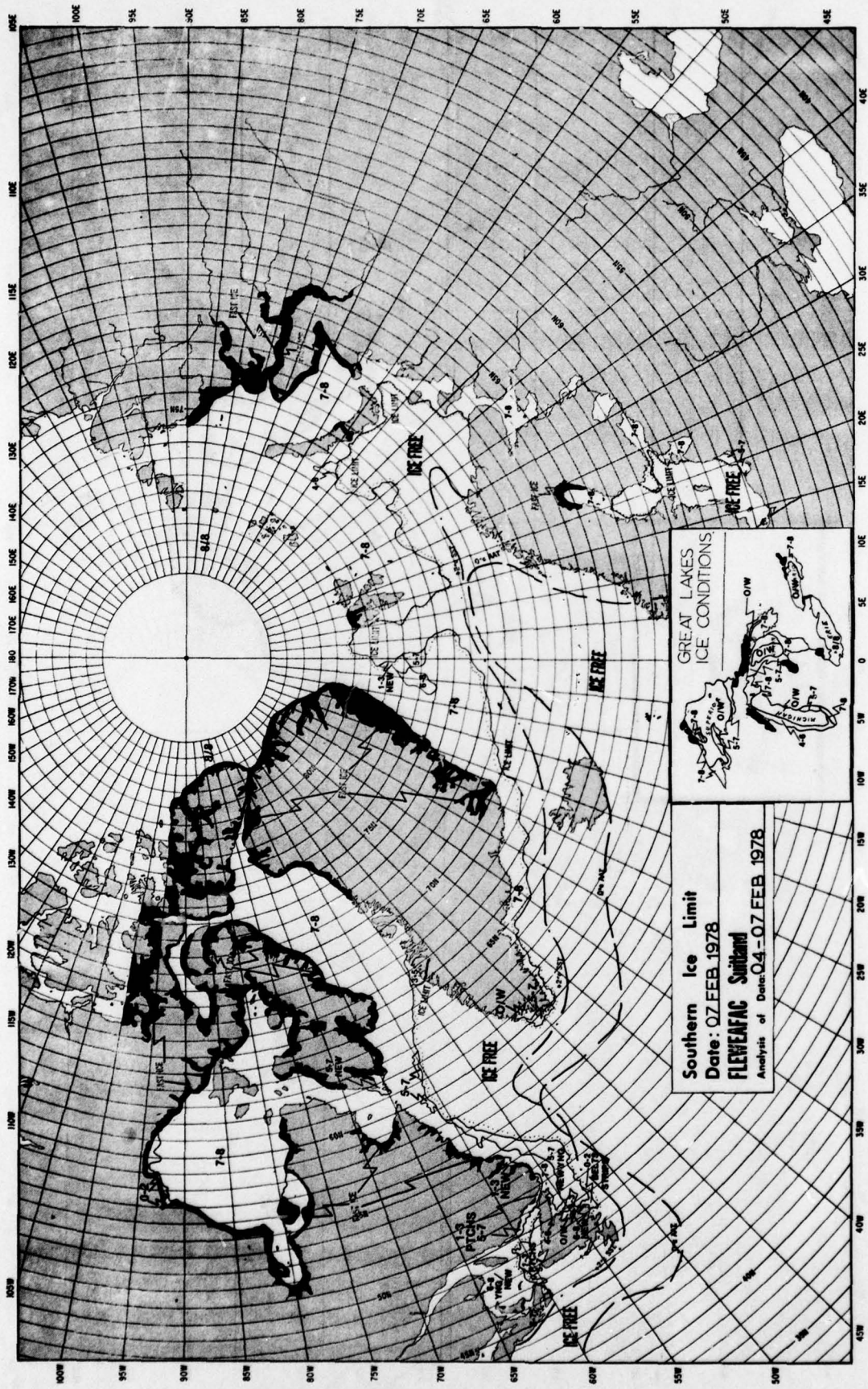
ANALYSIS OF DATA FROM THE
 FLEWENFAC SURVEY, ANTARCTIC
 RESEARCH CAMP, SUTHERLAND,
 AUSTRALIA, 1977-78

79 08 I 023



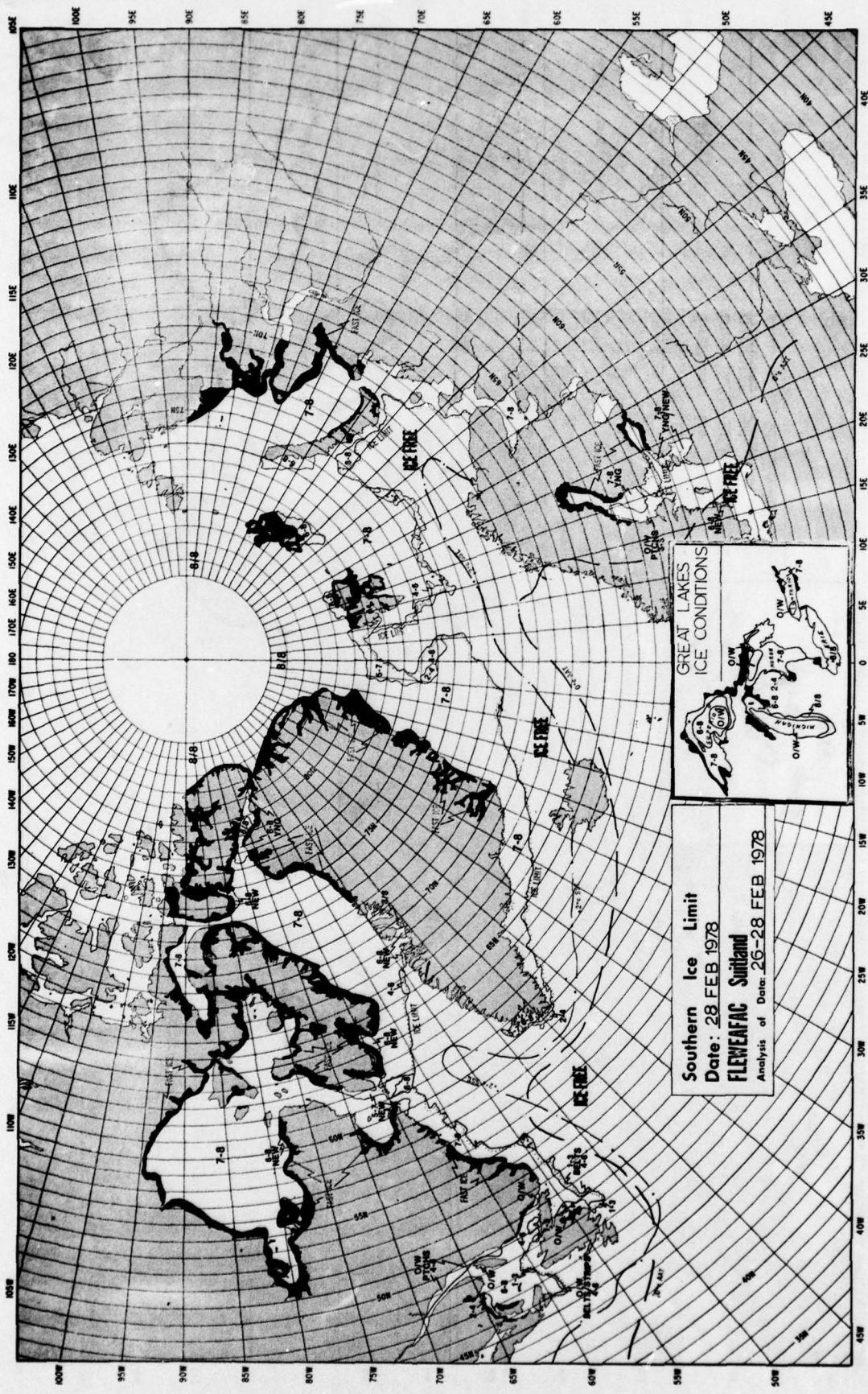


Southern Ice Limit
Date: 17 JAN 1978
FLEWELFAC *Suitland*
Analysis of Data: 14-17 JAN 1978

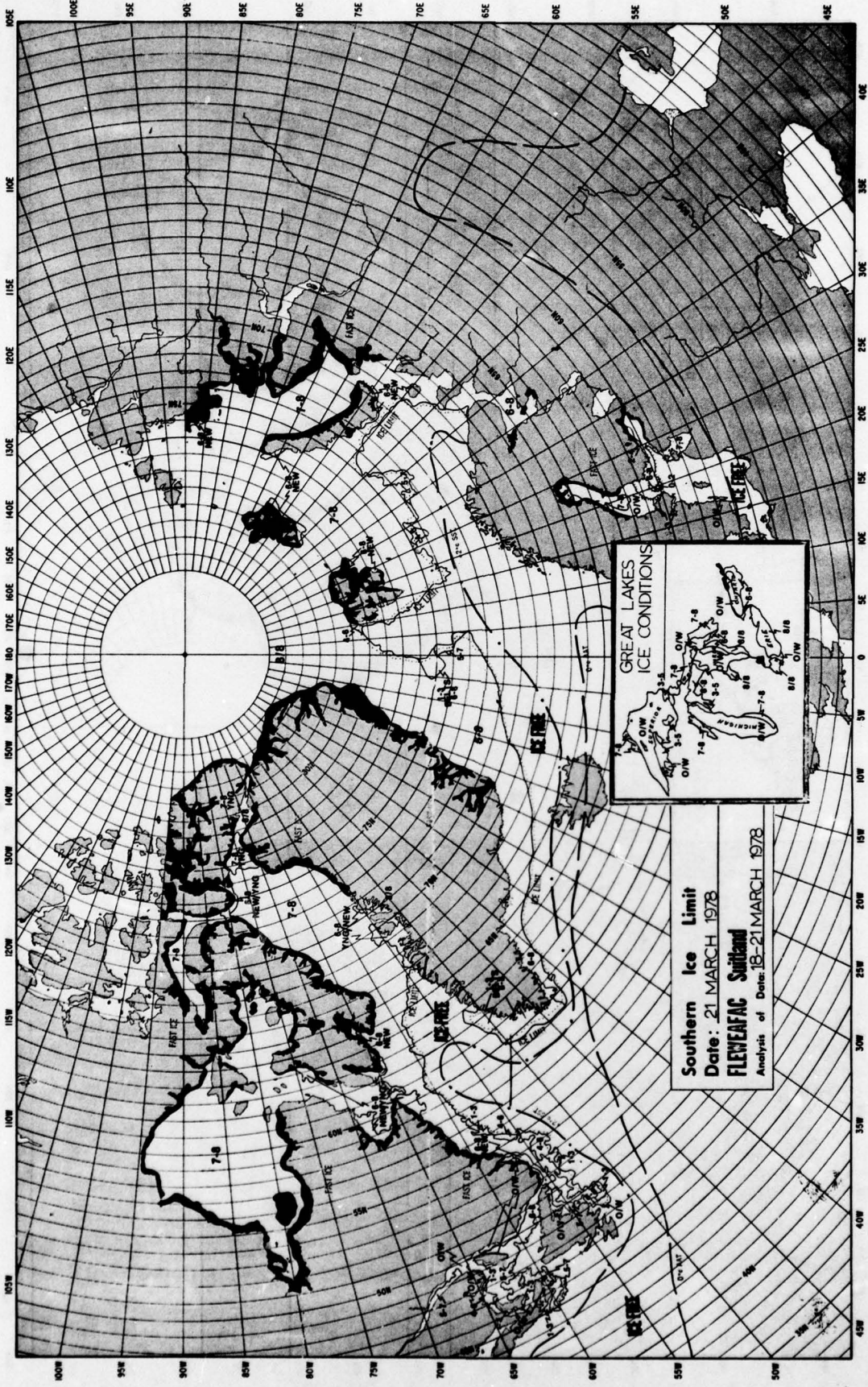


Southern Ice Limit
Date: 07 FEB 1978
FLEWEAFAC Svalbard
 Analysis of Data: 04 - 07 FEB 1978

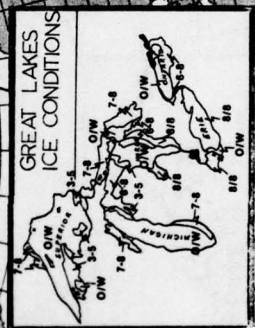


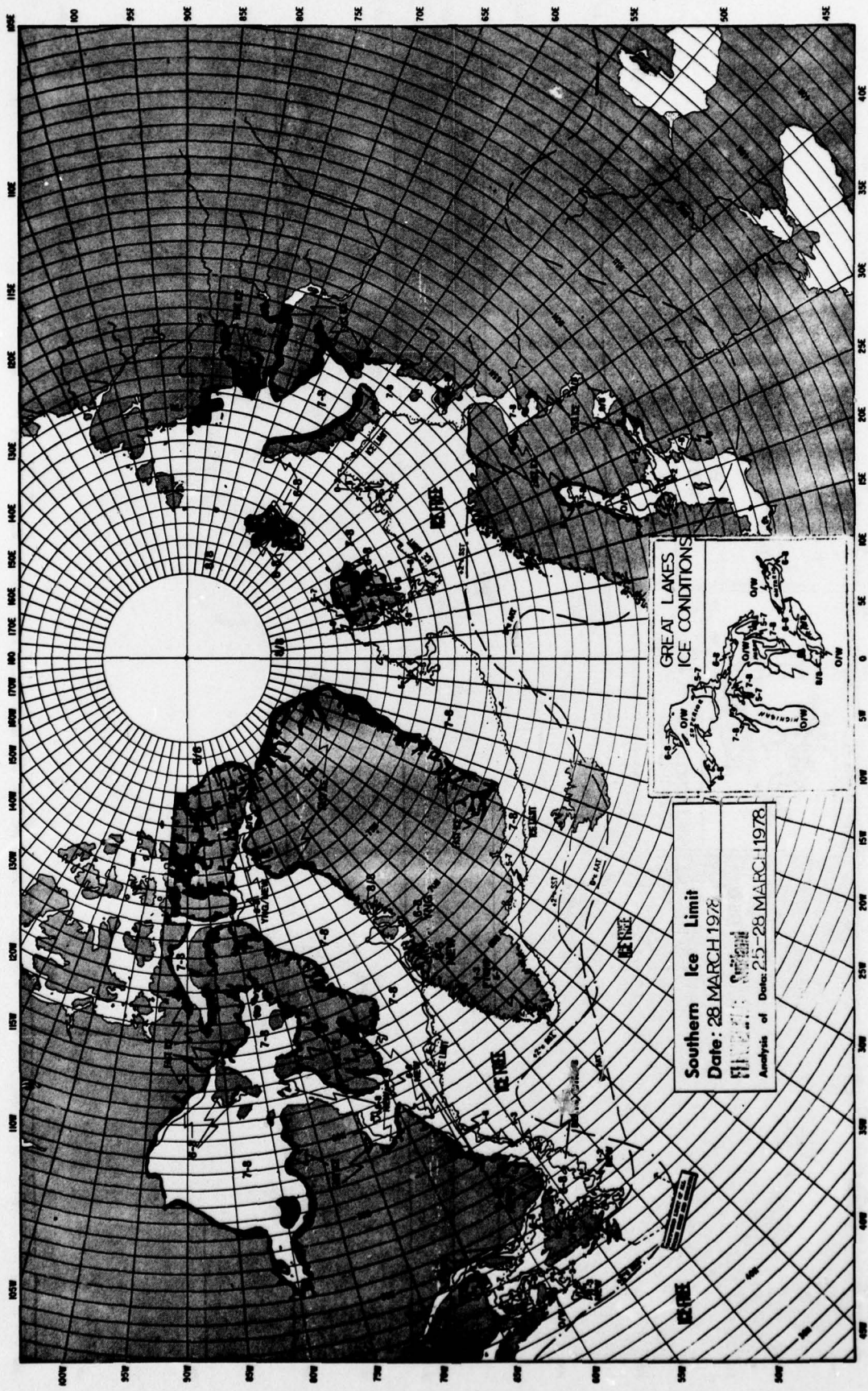


Southern Ice Limit
Date: 28 FEB 1978
FLEWEAFAC Suisland
 Analysis of Data: 26-28 FEB 1978



Southern Ice Limit
Date: 21 MARCH 1978
FLENEFAC Suislaw
 Analysis of Data: 18-21 MARCH 1978





Southern Ice Limit
Date: 28 MARCH 1978
NOAA
 Analysis of Data: 25-28 MARCH 1978

100 95 90 85 80 75 70 65 60 55 50 45

100 95 90 85 80 75 70 65 60 55 50 45

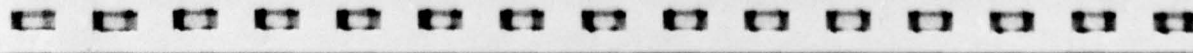
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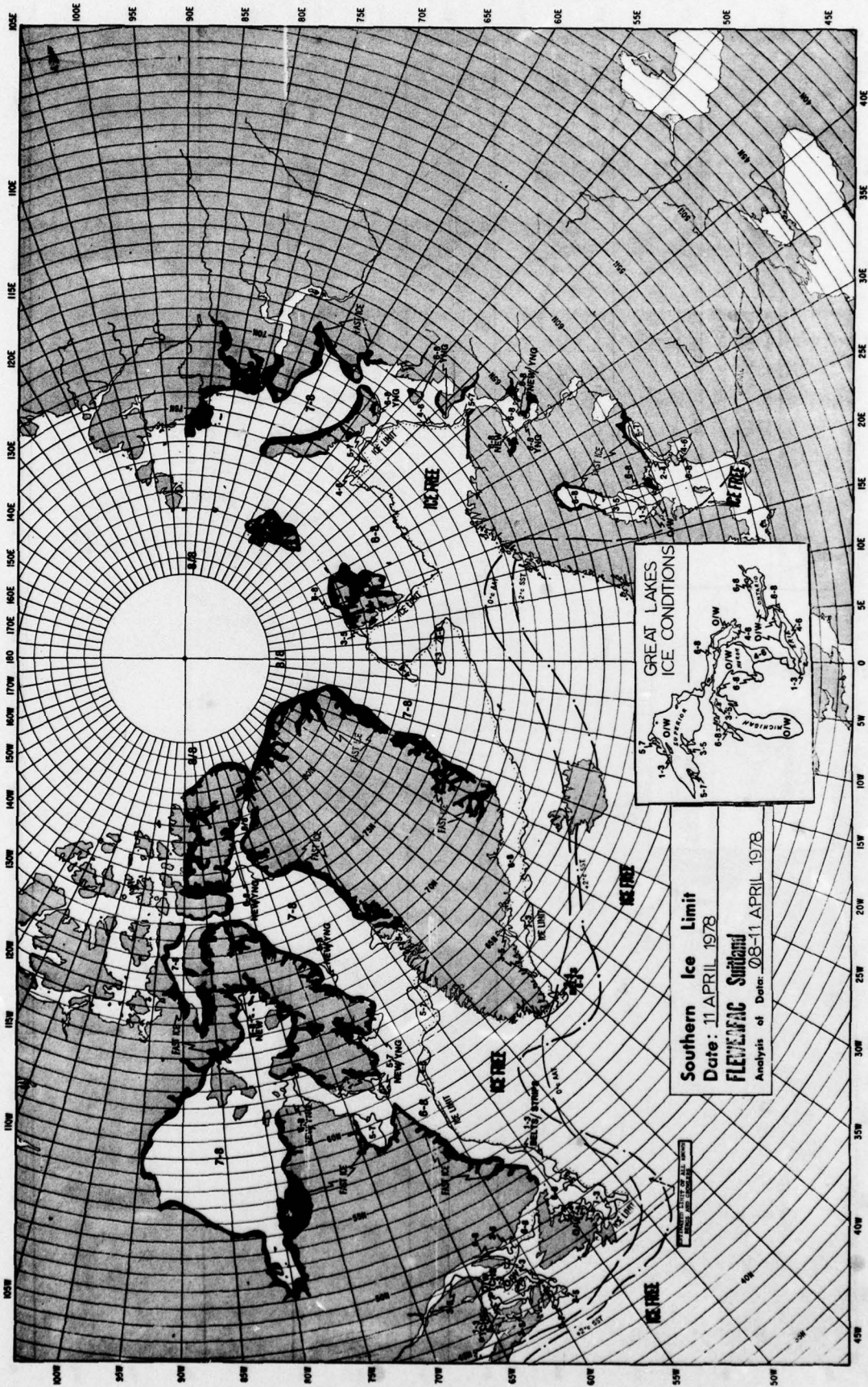
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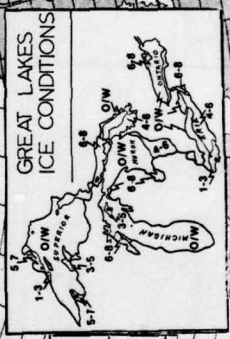
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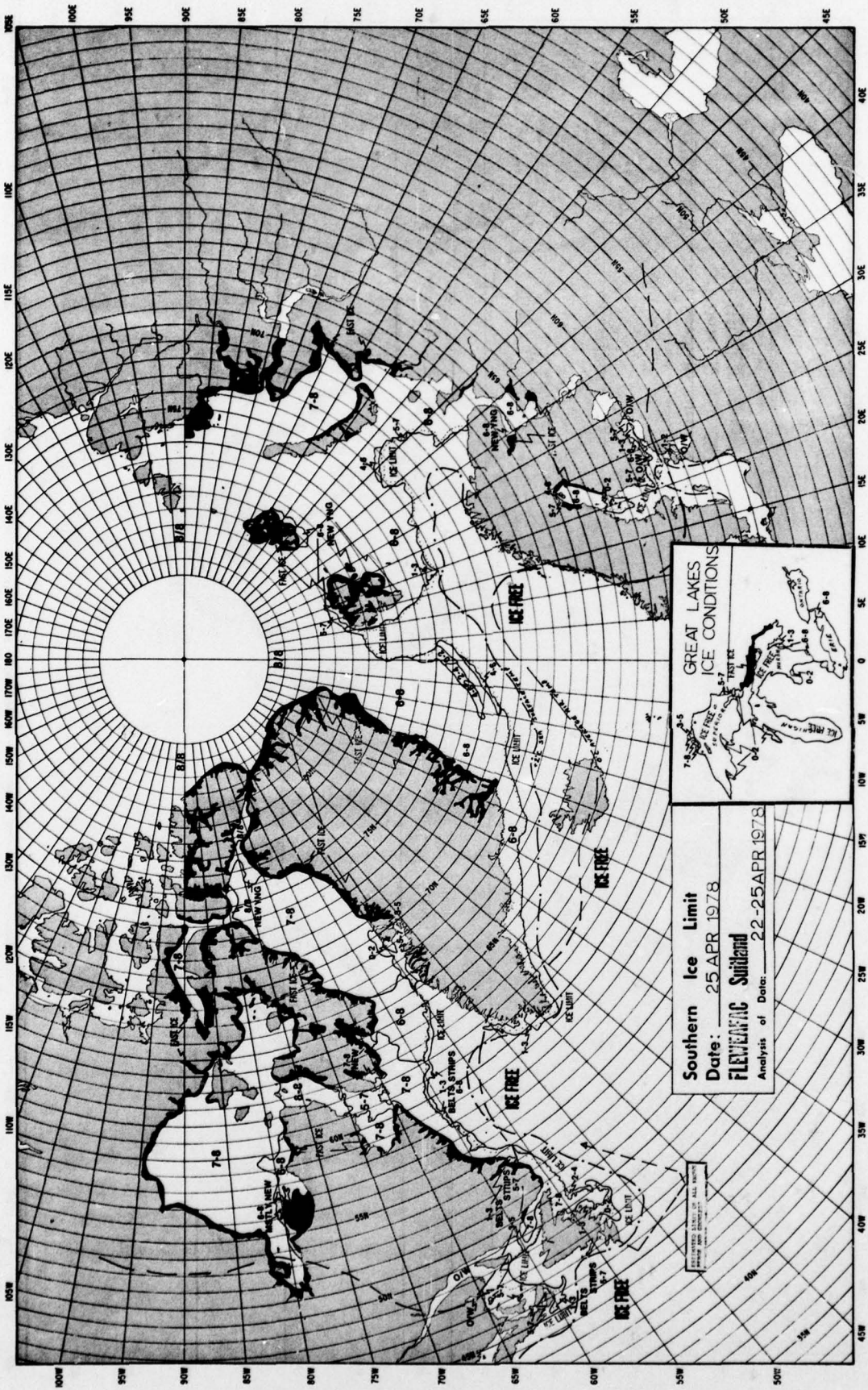




Southern Ice Limit
 Date: 11 APRIL 1978
FLENEFAC Svalbard
 Analysis of Data: 08-11 APRIL 1978

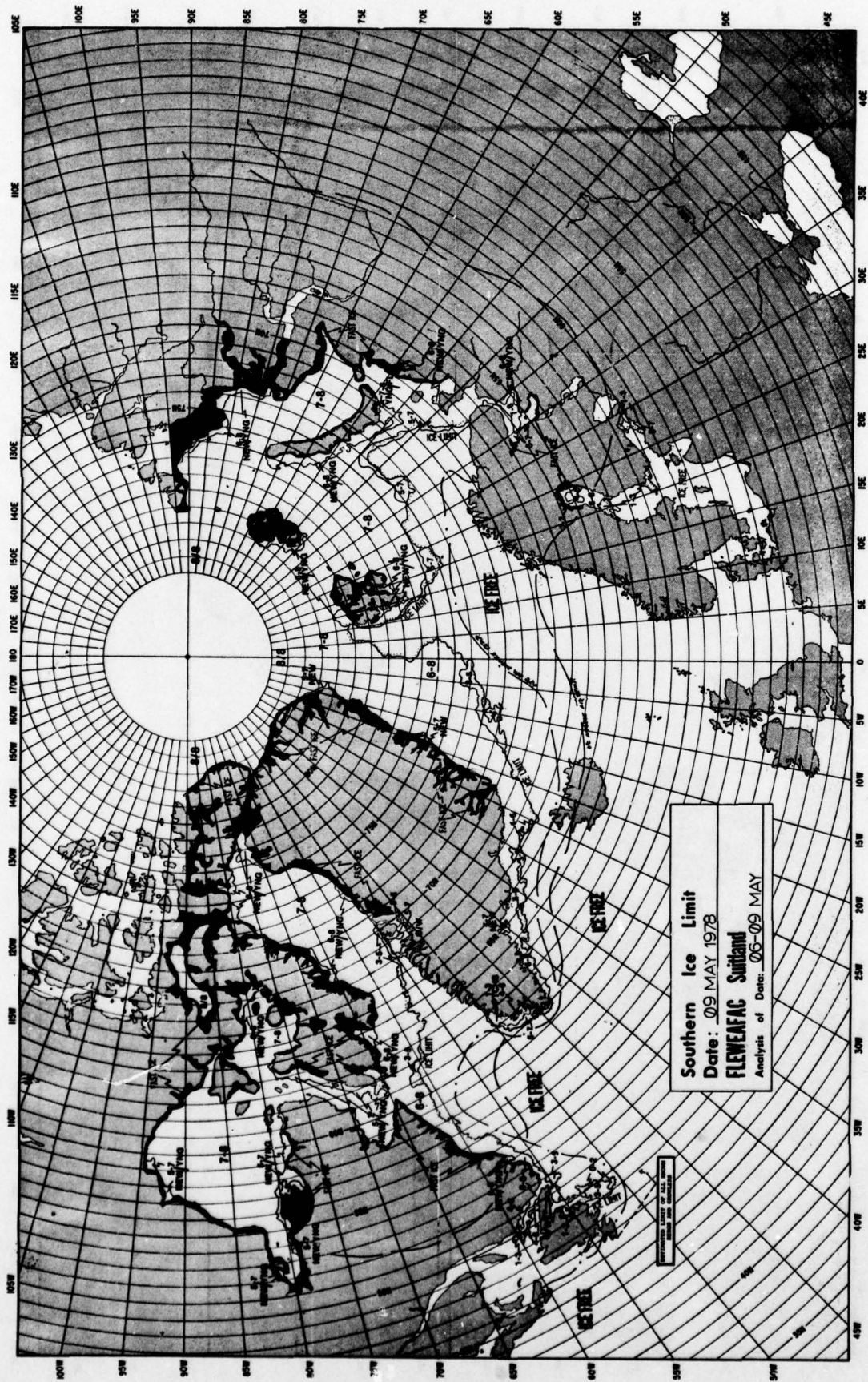


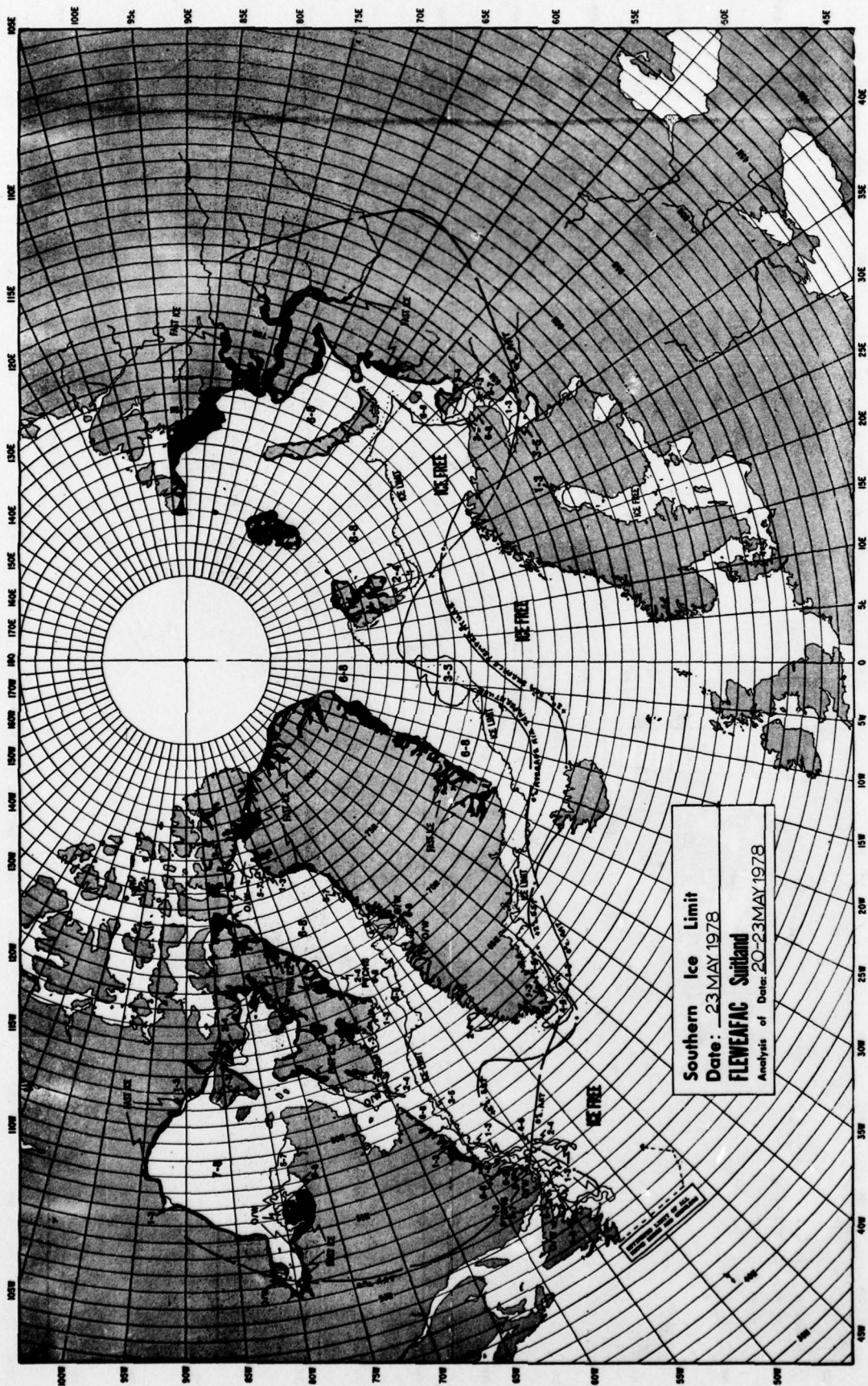
SCALE BAR
 DISTANCE IN NAUTICAL MILES

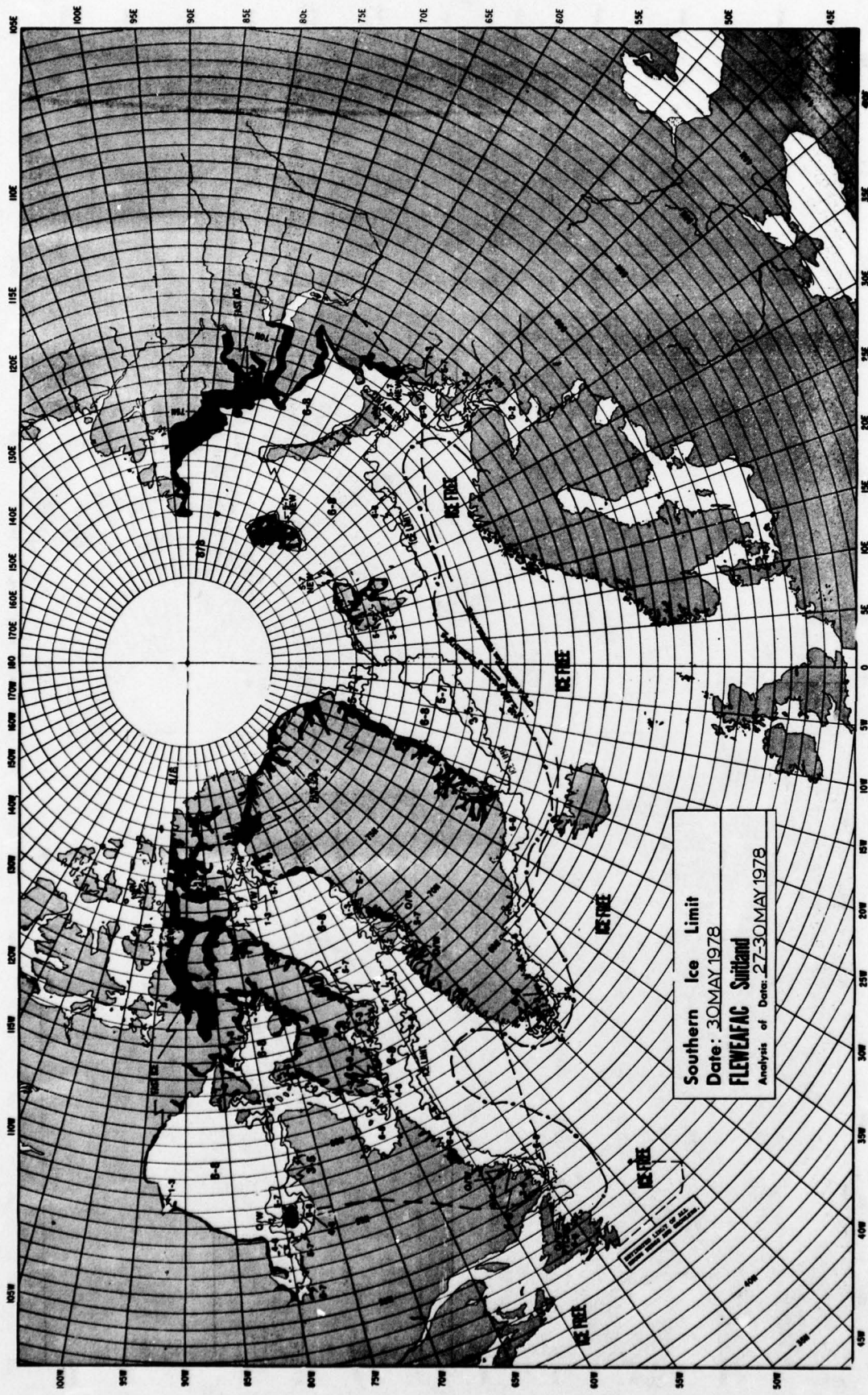


Southern Ice Limit
Date: 25 APR 1978
FLEWING SUTLAND
 Analysis of Date: 22-25 APR 1978

REPRODUCED FROM: G. HALL, 1978
 ARCTIC ICE LIMITS, 1978

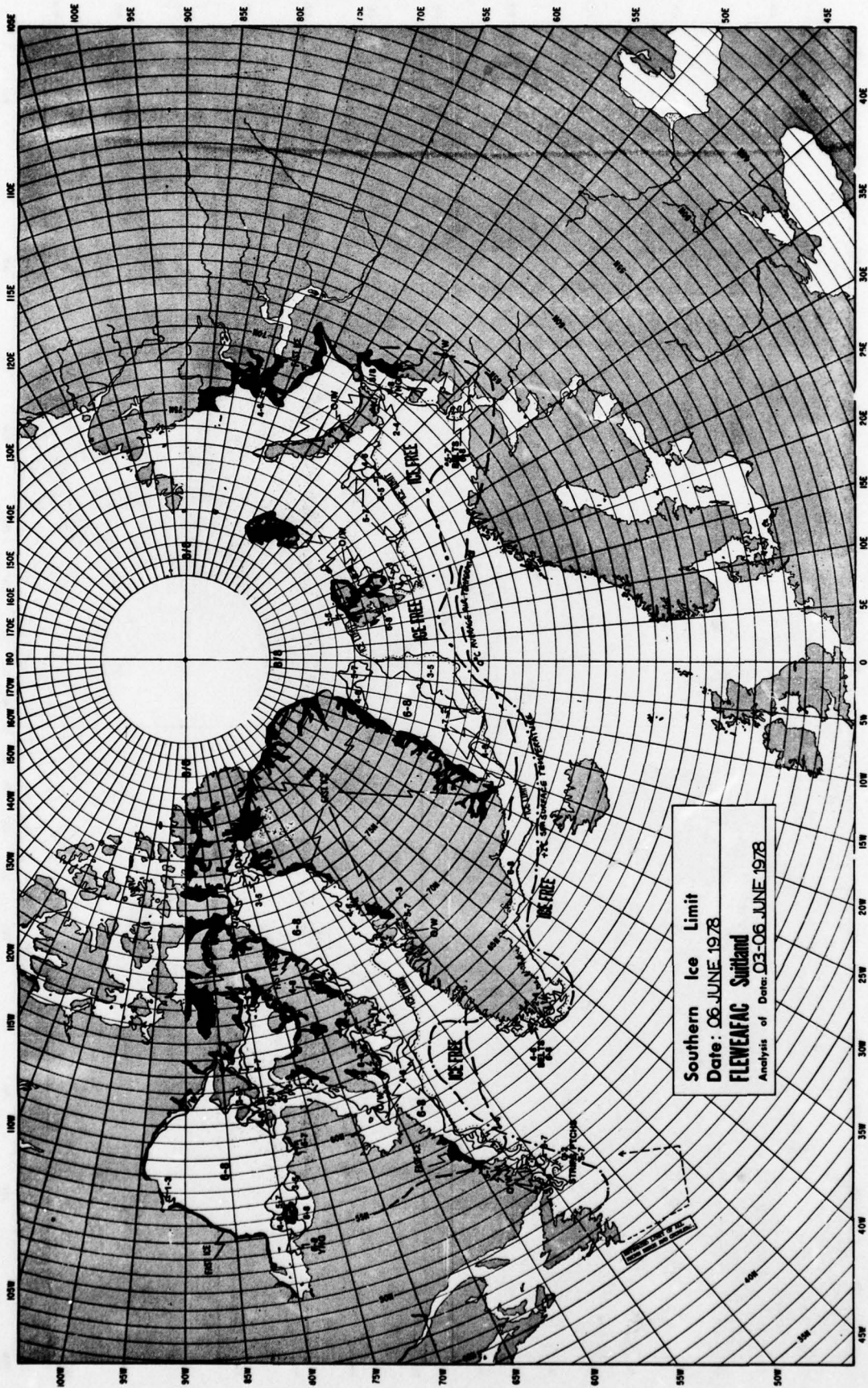




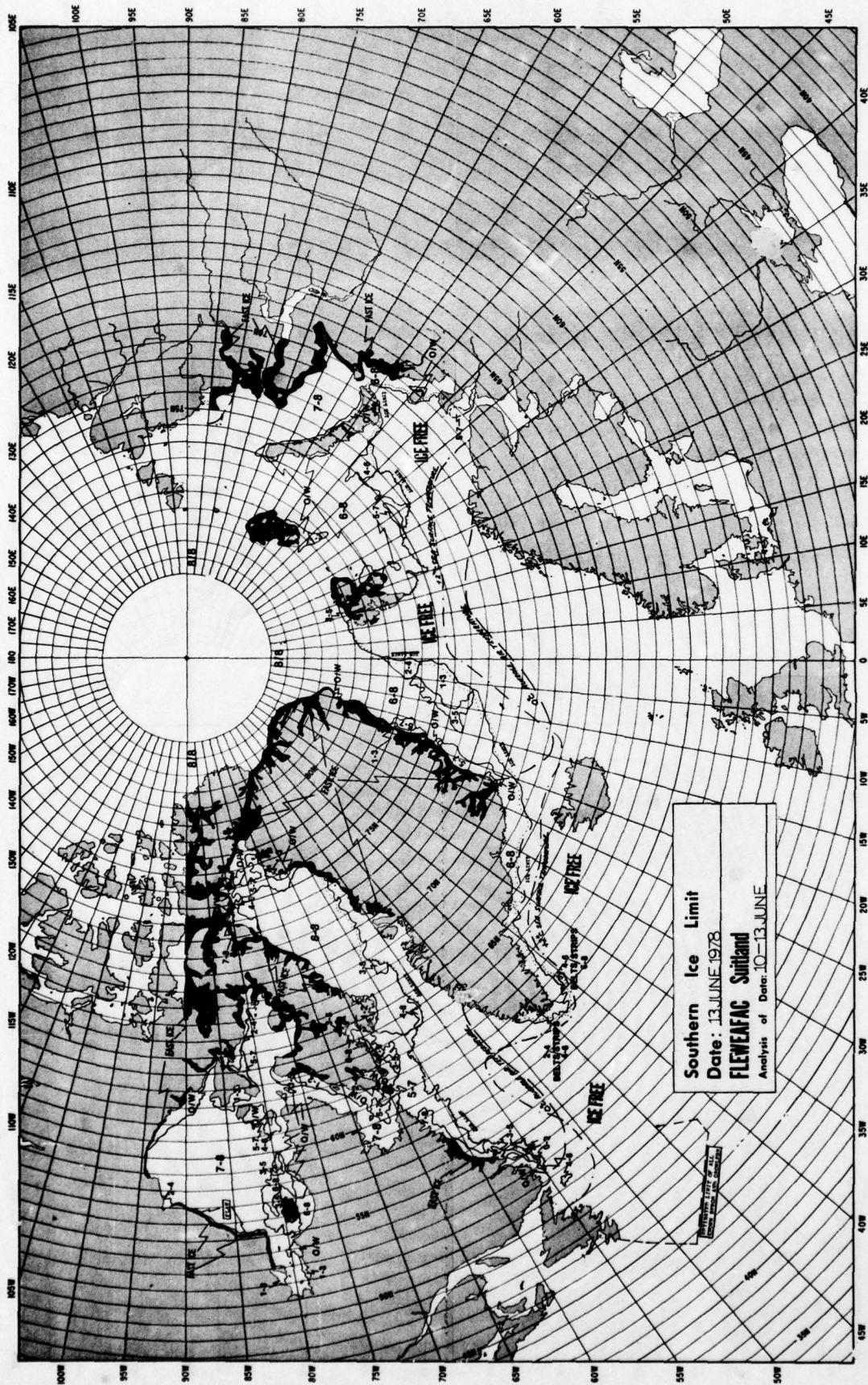


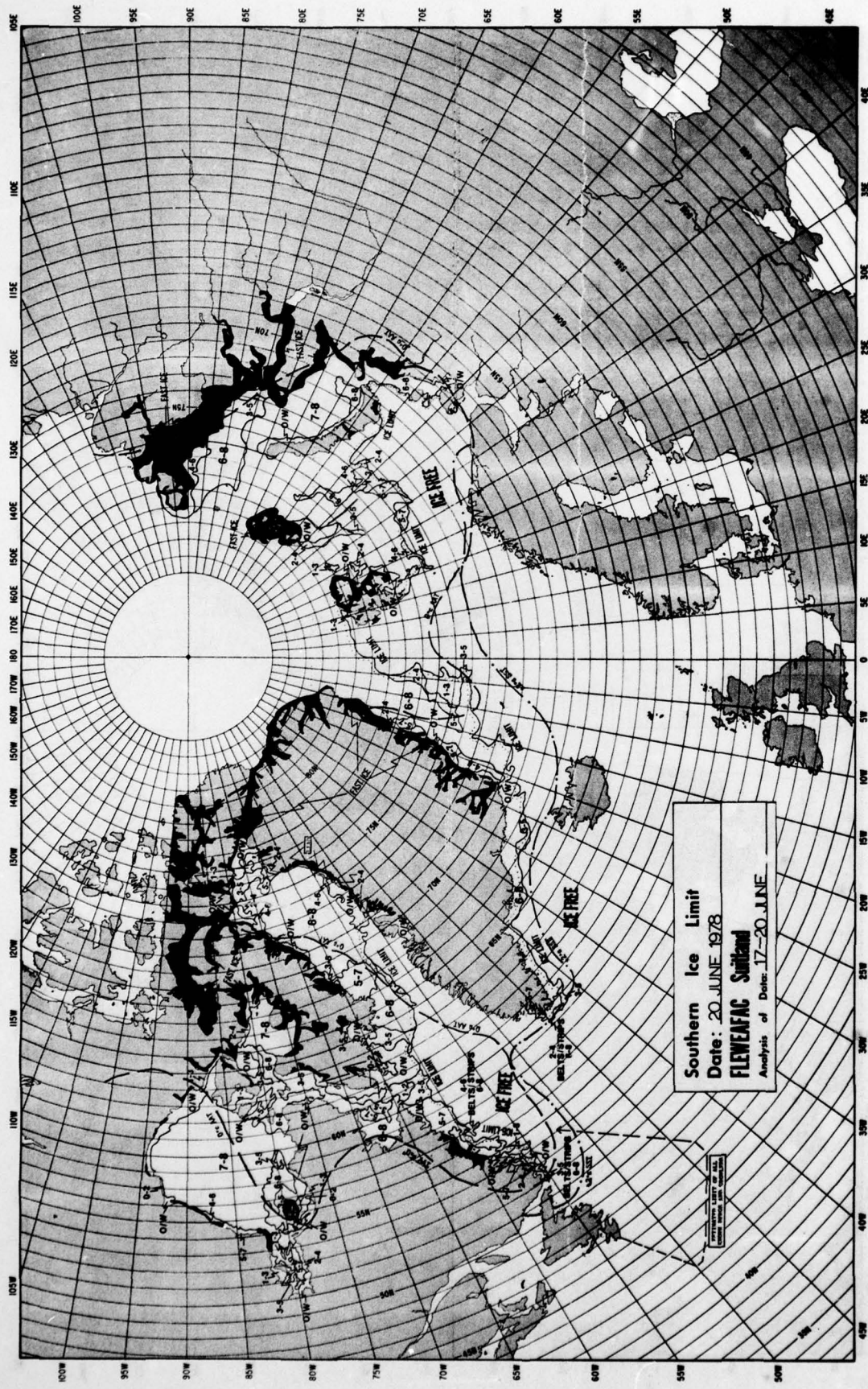
Southern Ice Limit
Date: 30 MAY 1978
FLEWEAFAC Svalbard
Analysis of Data: 27-30 MAY 1978

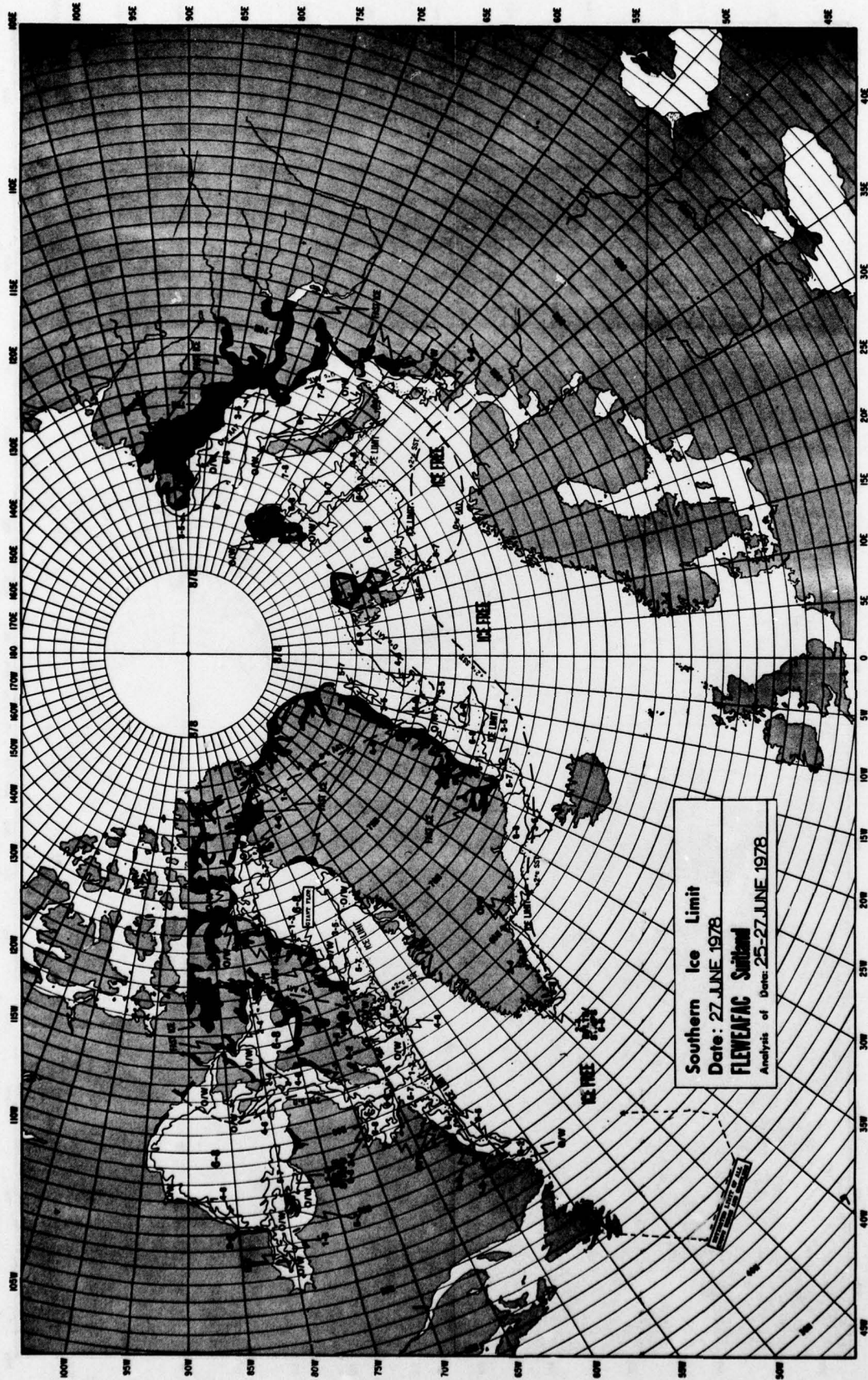
0 50 100 150 200 250 300 350 400 450 500
Nautical Miles



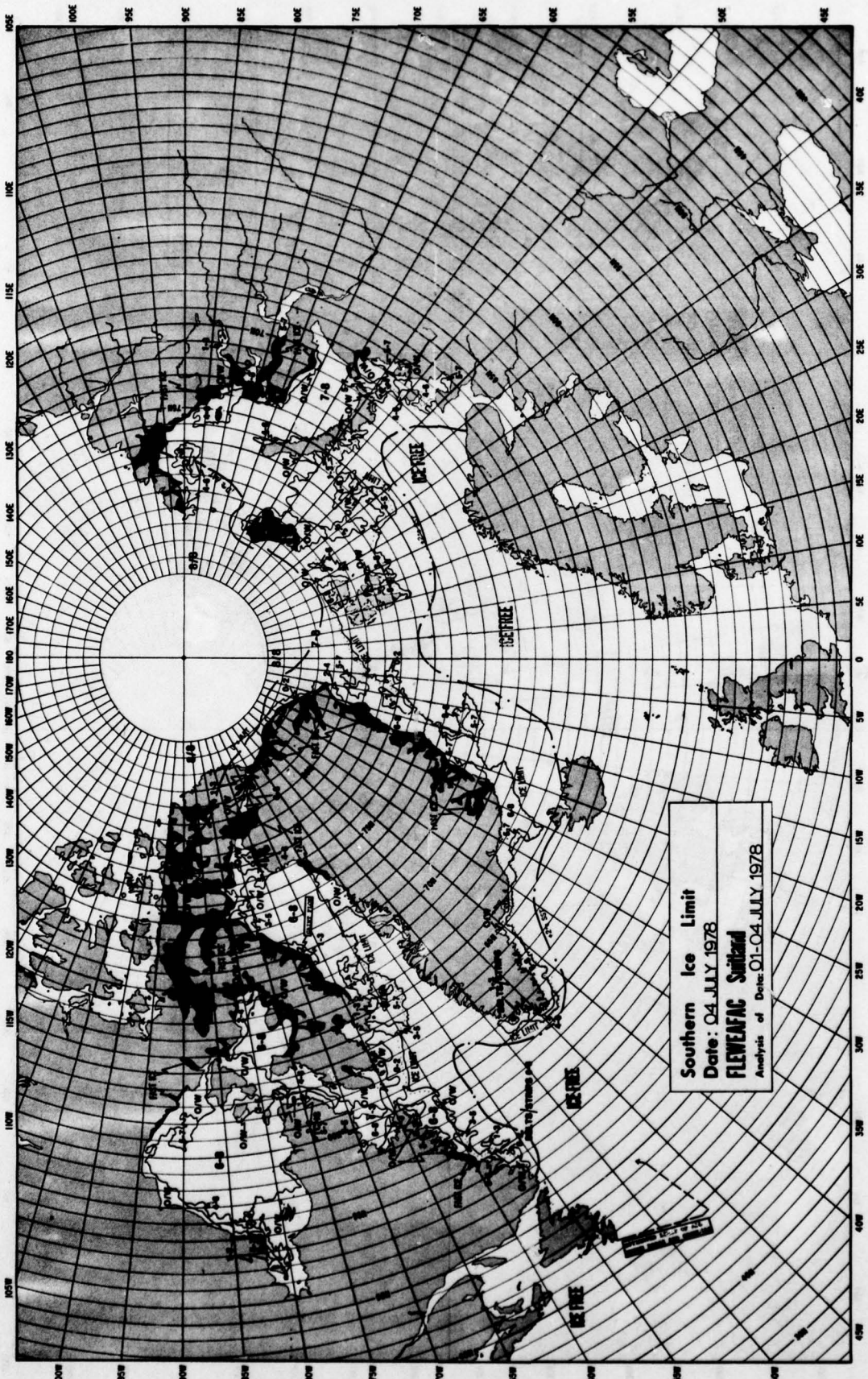
Southern Ice Limit
Date: 06 JUNE 1978
FLEWEAFAC Sutherland
Analysis of Date: 03-06 JUNE 1978



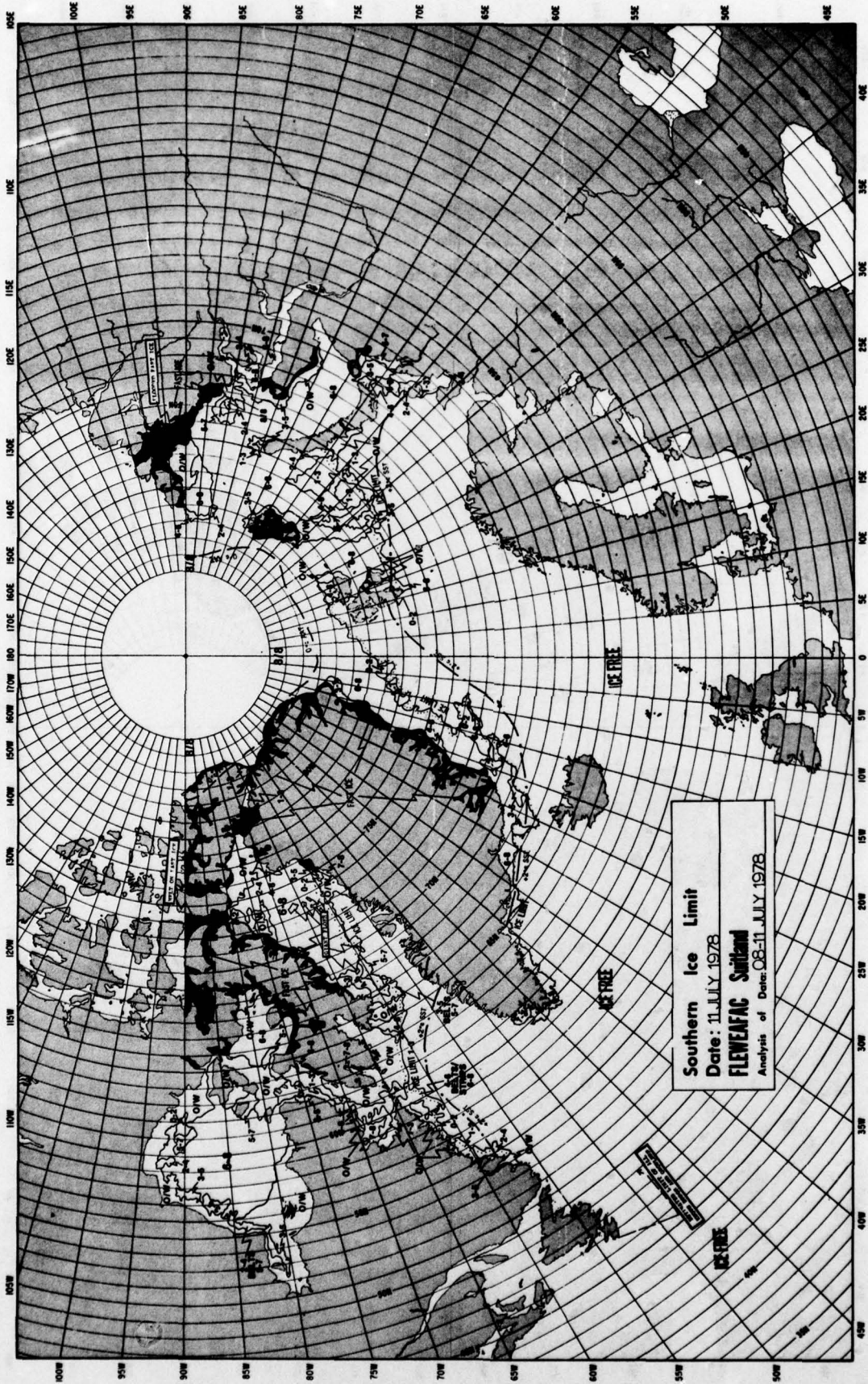




Southern Ice Limit
Date: 27.JUNE.1978
FLEWENAC Sailed
Analysis of Data: 25-27.JUNE.1978



Southern Ice Limit
Date: 04 JULY 1978
FLEWEFAC **Suitland**
Analysis of Data: 01-04 JULY 1978



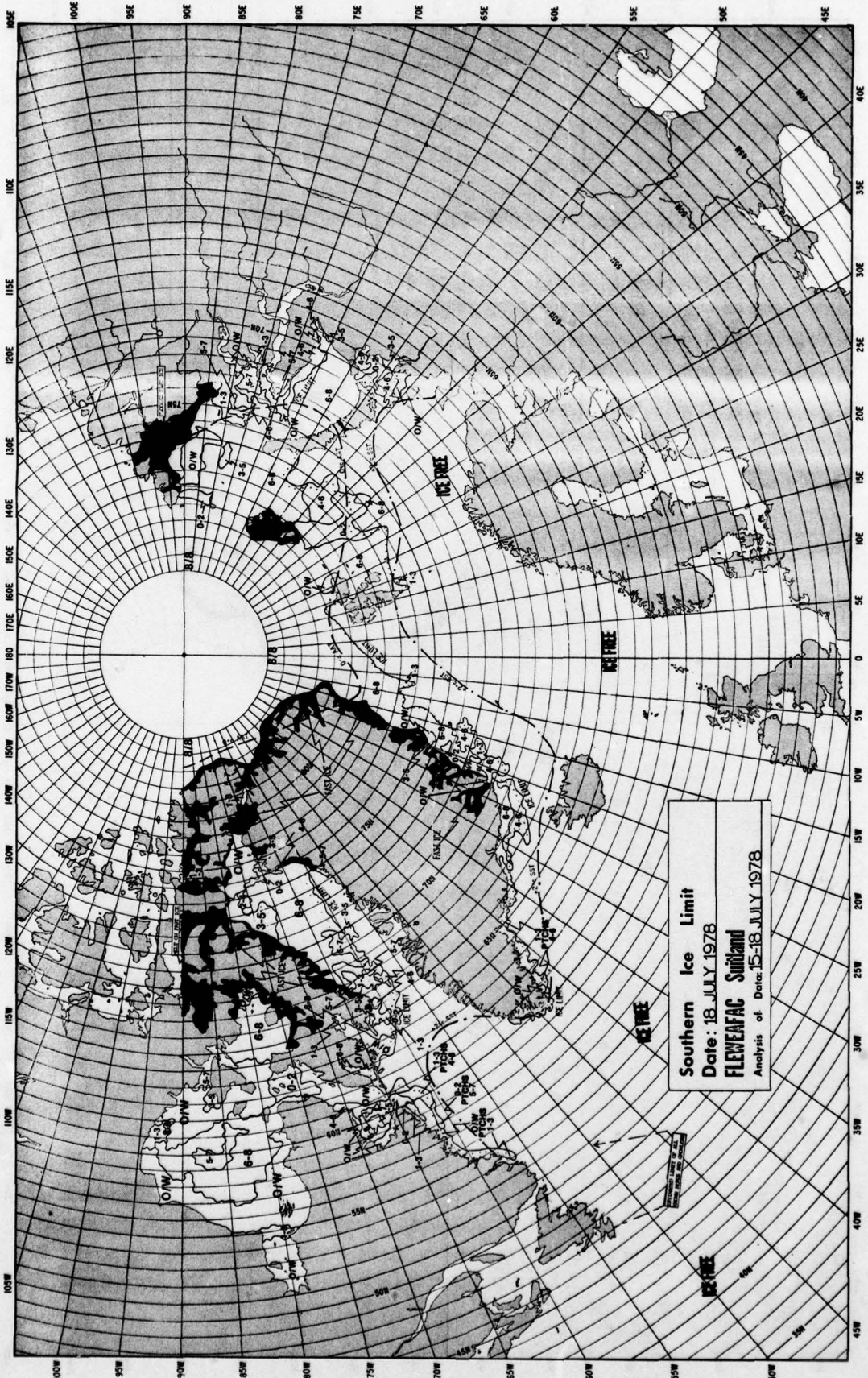
Southern Ice Limit
Date: 11 JULY 1978
FLEWEAFAC Svalbard
Analysis of Date: 08-11 JULY 1978

LAWSON SEA ICE

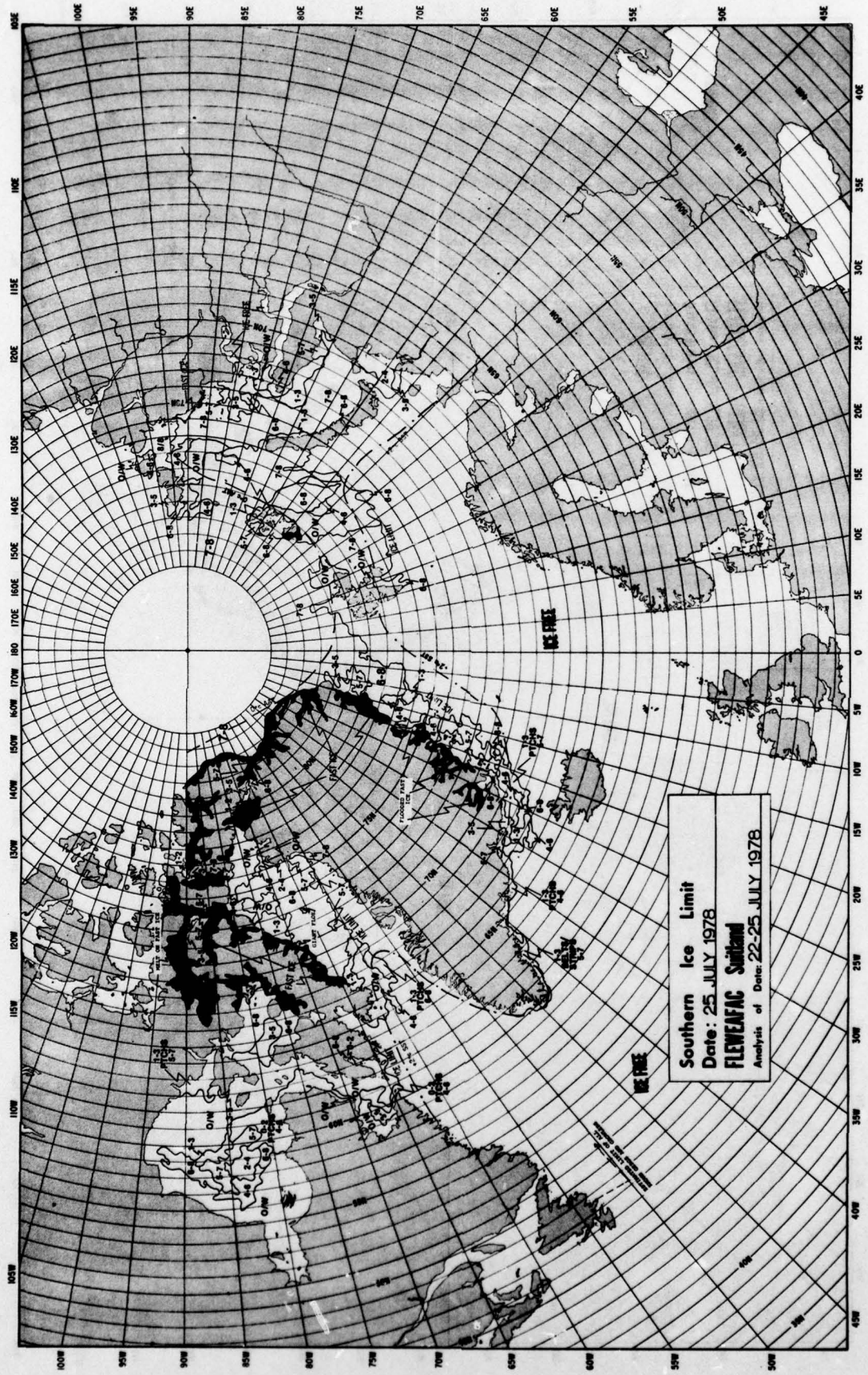
ICE FREE

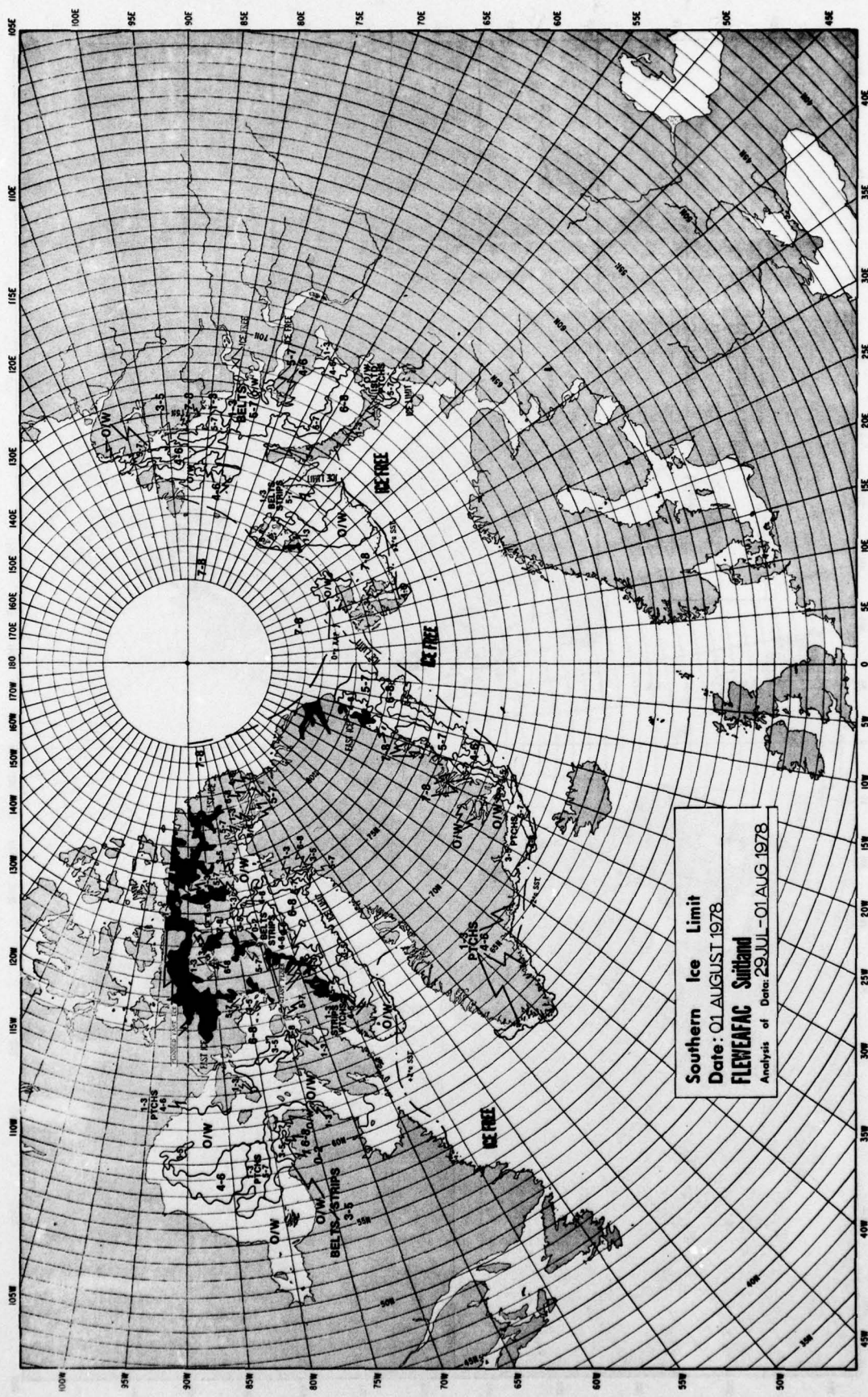
ICE FREE

ICE FREE

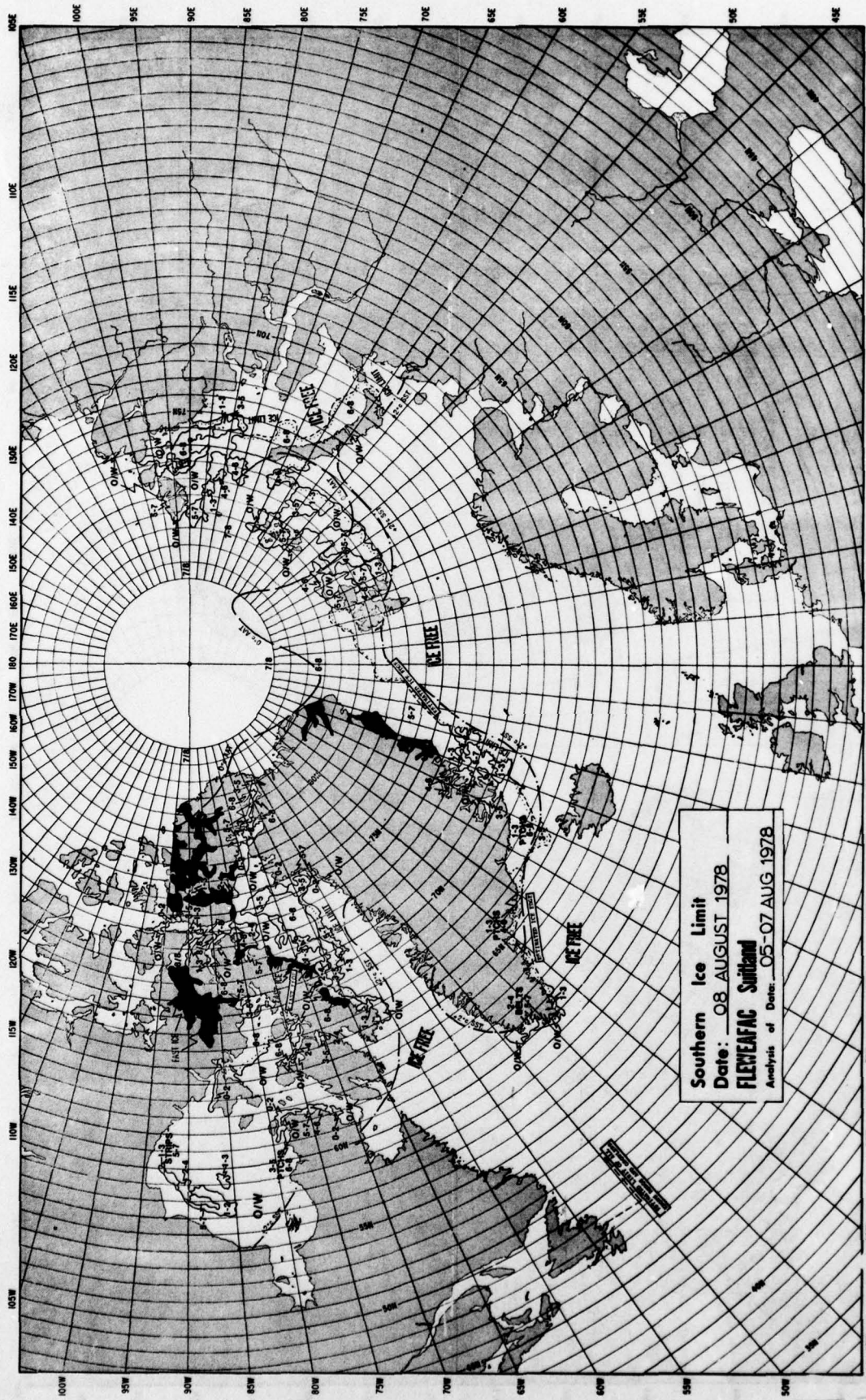


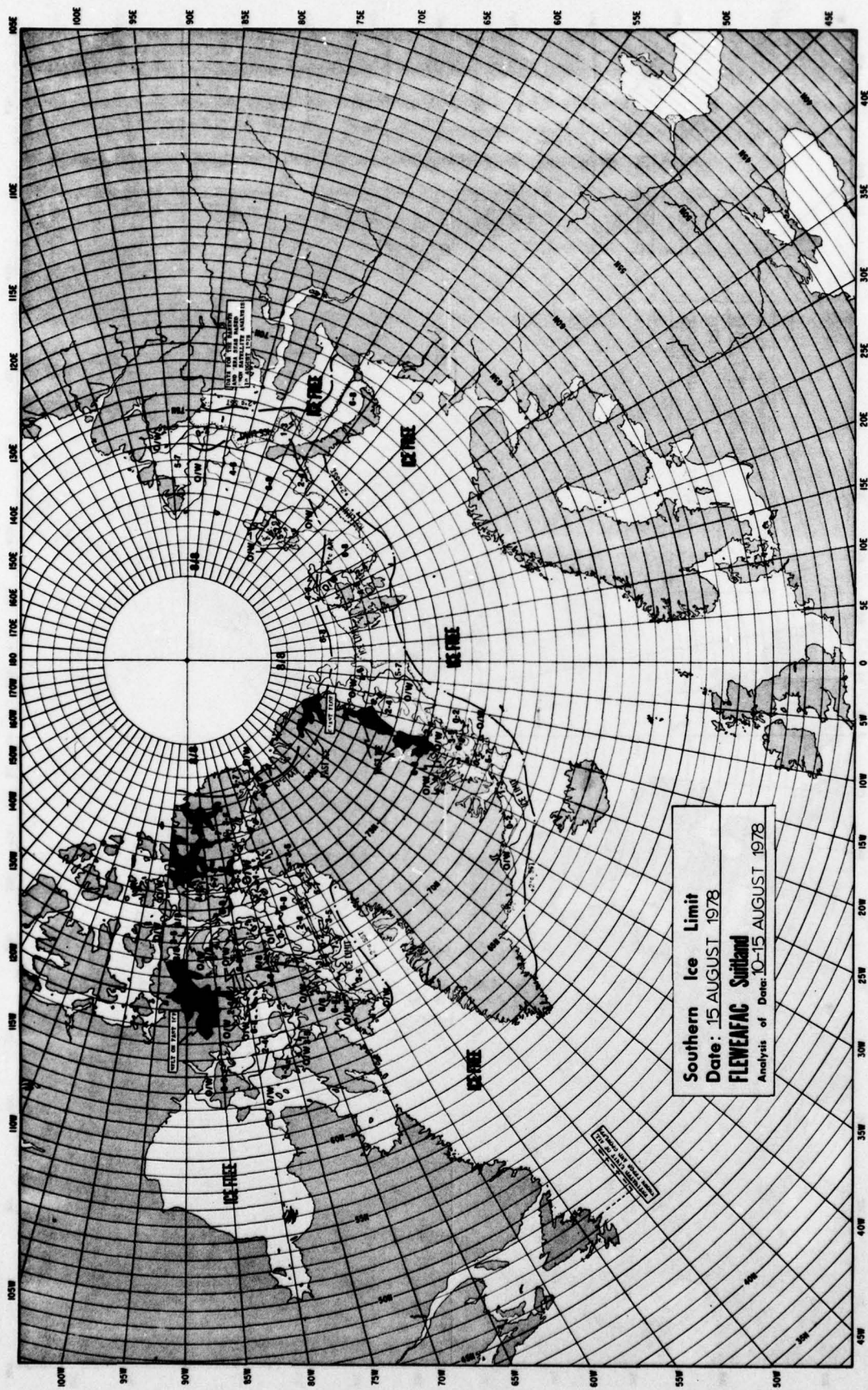
Southern Ice Limit
Date: 18 JULY 1978
FLEWEAFAC Svalbard
Analysis of Data: 15-18 JULY 1978





Southern Ice Limit
Date: 01 AUGUST 1978
FLEWEAFAC Svalbard
Analysis of Data: 29 JUL - 01 AUG 1978

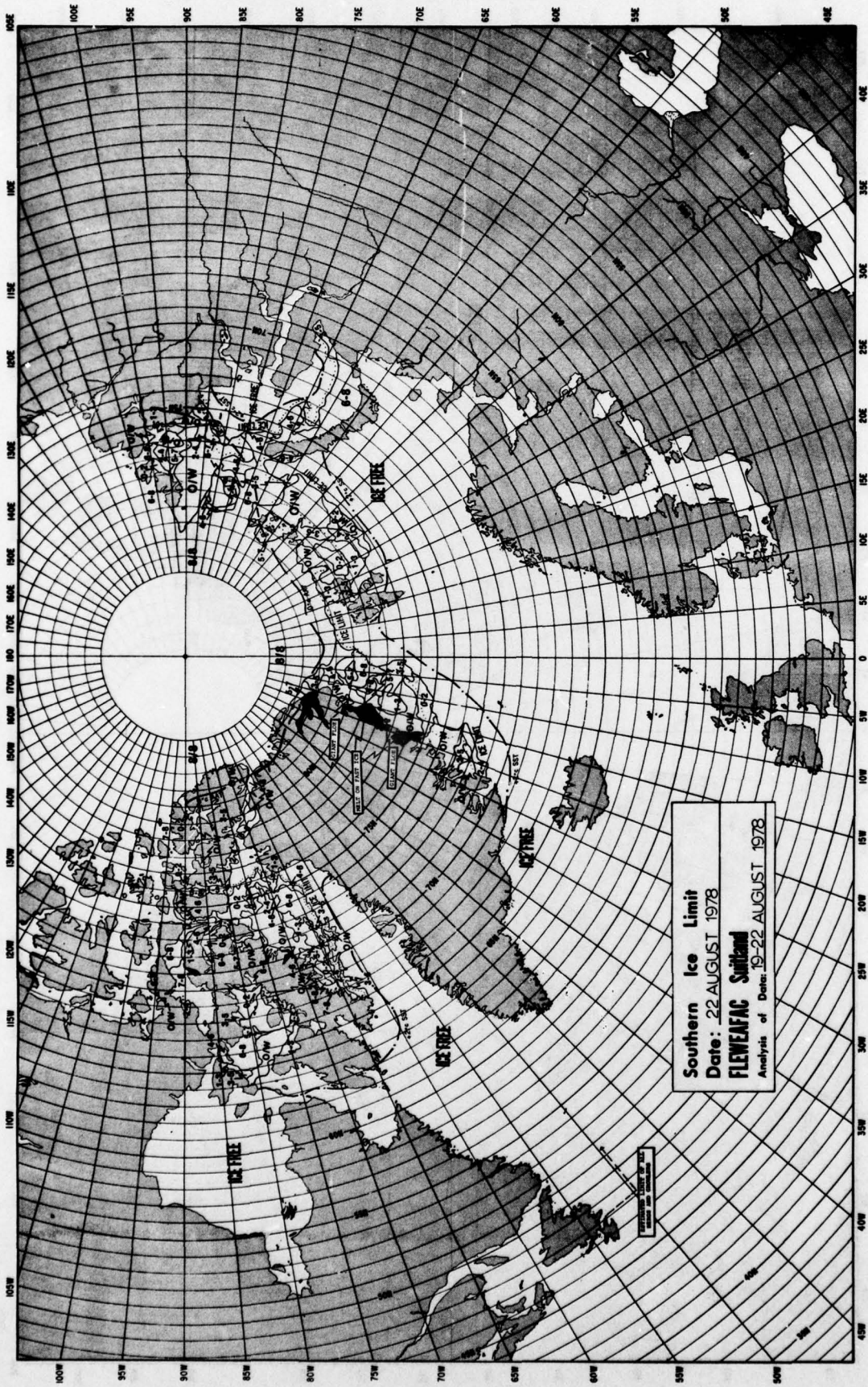




Southern Ice Limit
Date: 15 AUGUST 1978
FLEWEAFAC Sutherland
Analysis of Date: 10-15 AUGUST 1978

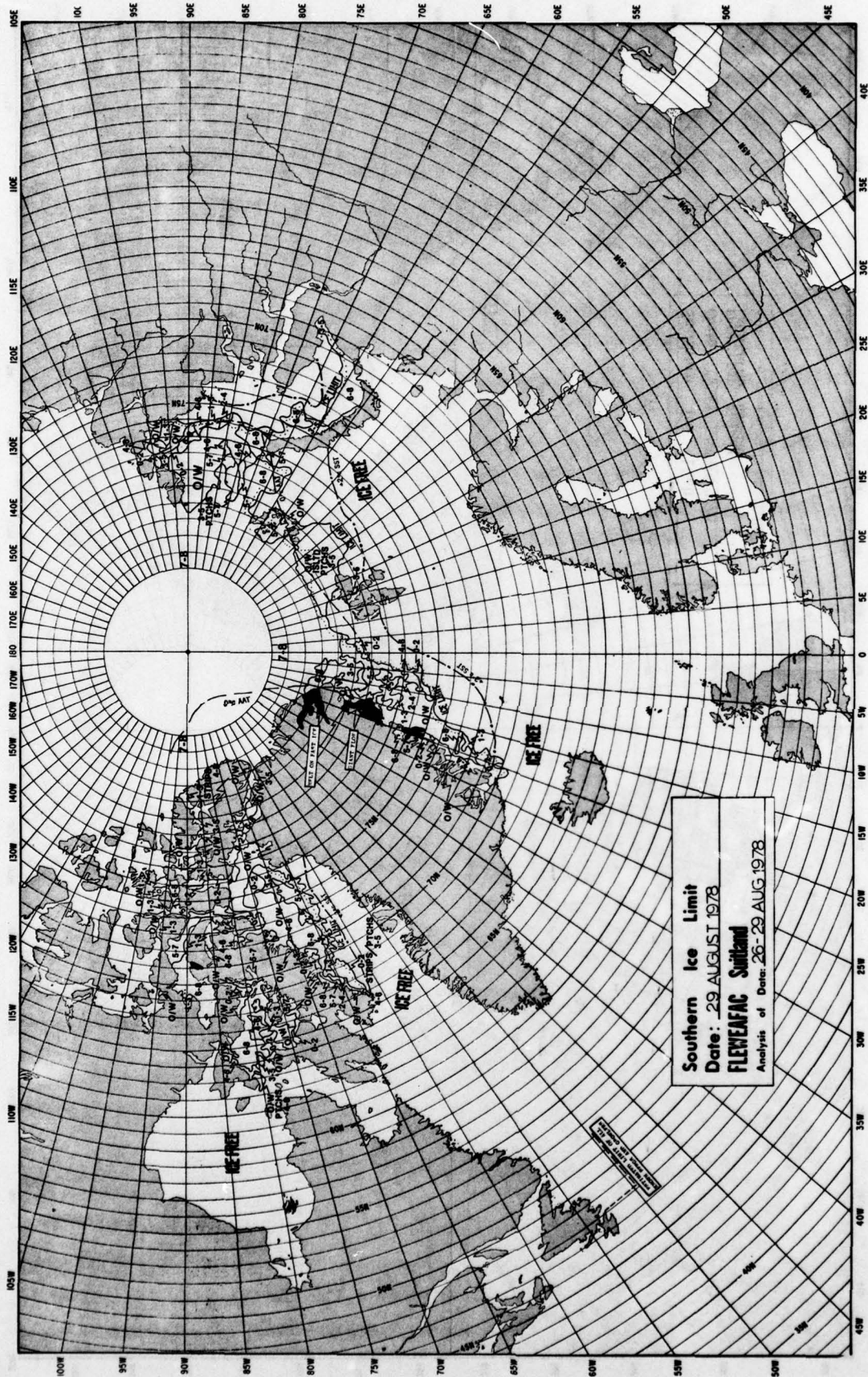
ICE FREE FOR THE ENTIRE YEAR IN THE ANTARCTIC WATERSHED

ICE TO 1000 FT

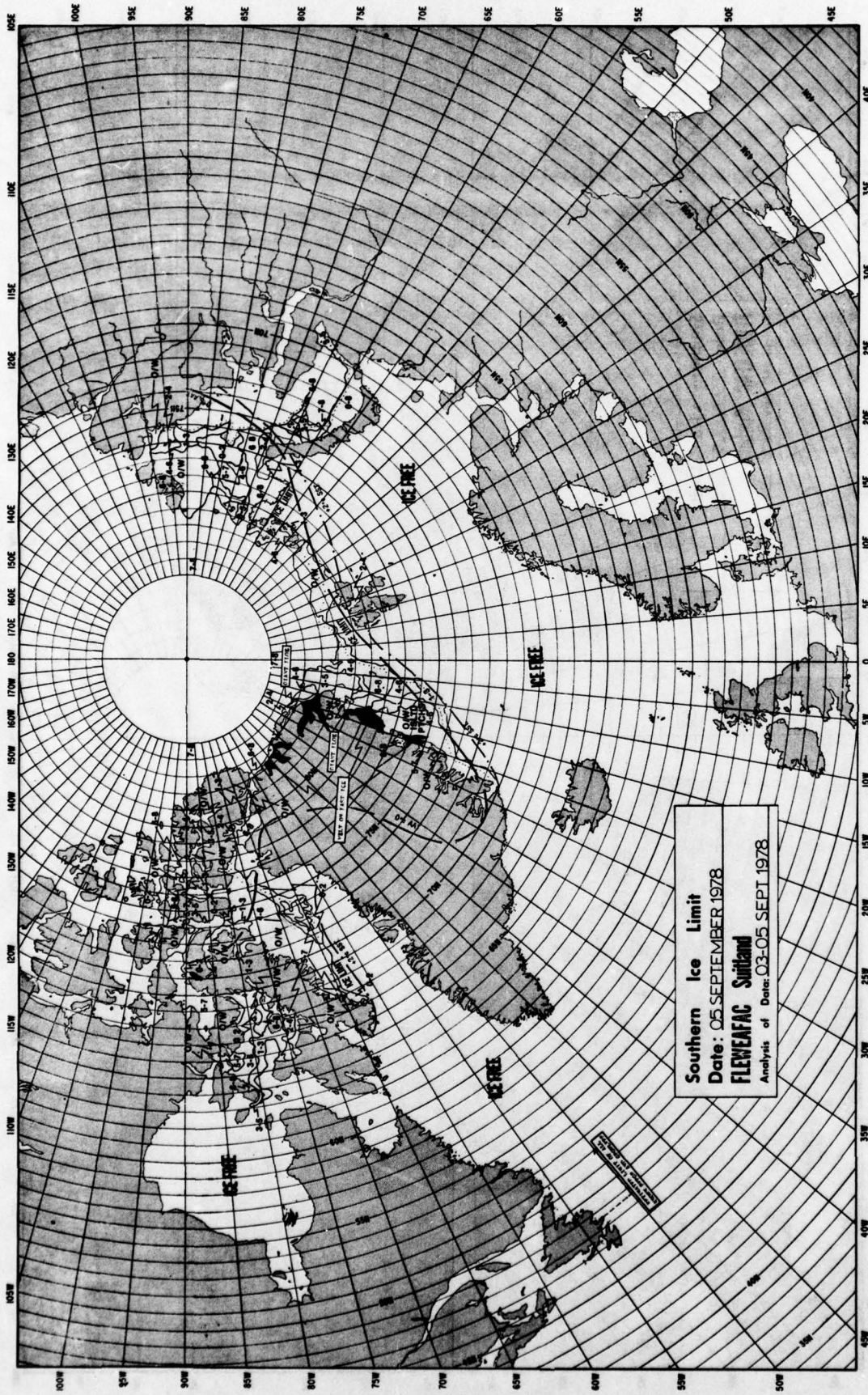


Southern Ice Limit
Date: 22 AUGUST 1978
FLEWEAFAC Sutherland
Analysis of Data: 19-22 AUGUST 1978

ICE LIMIT DATA FROM 1978

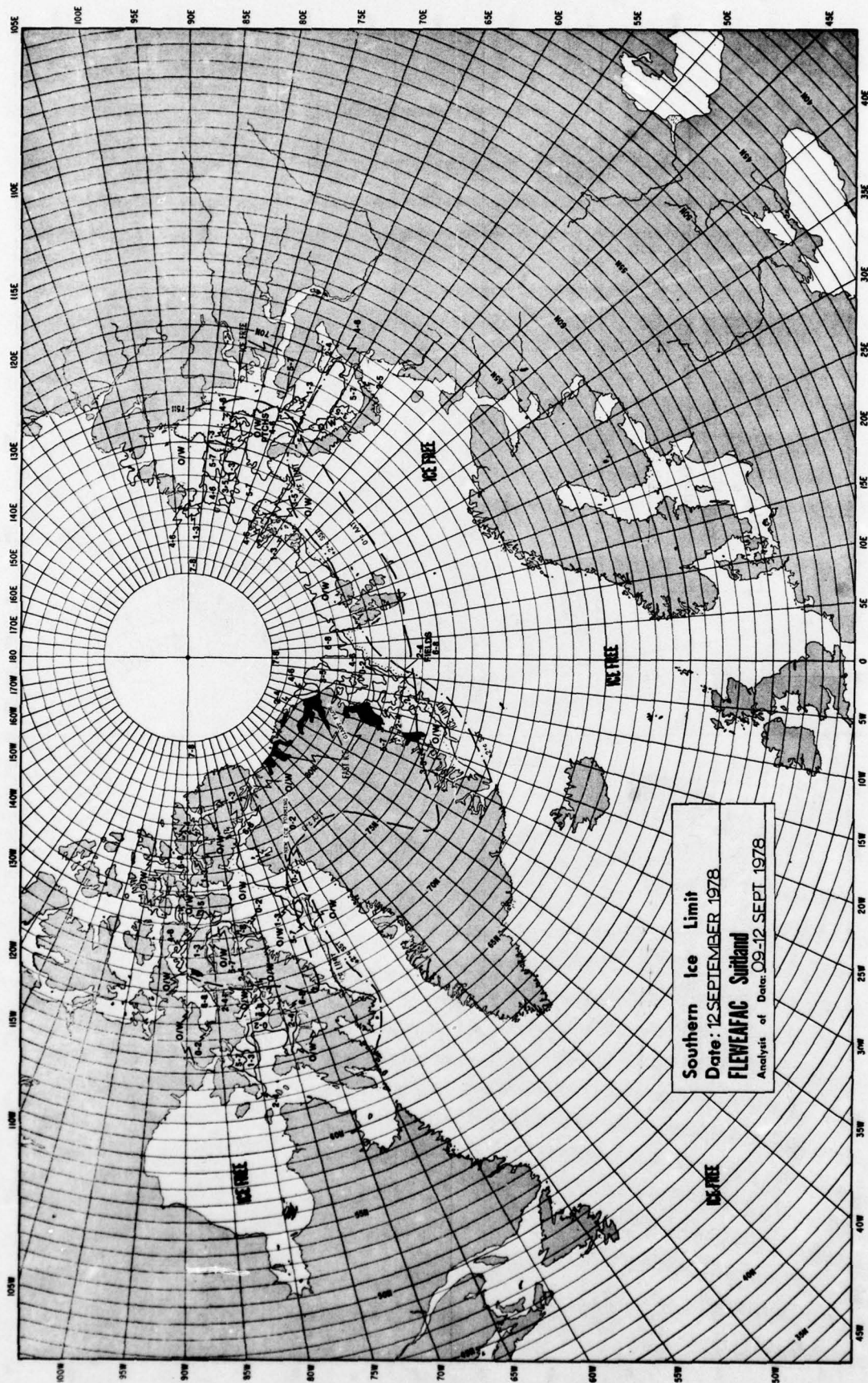


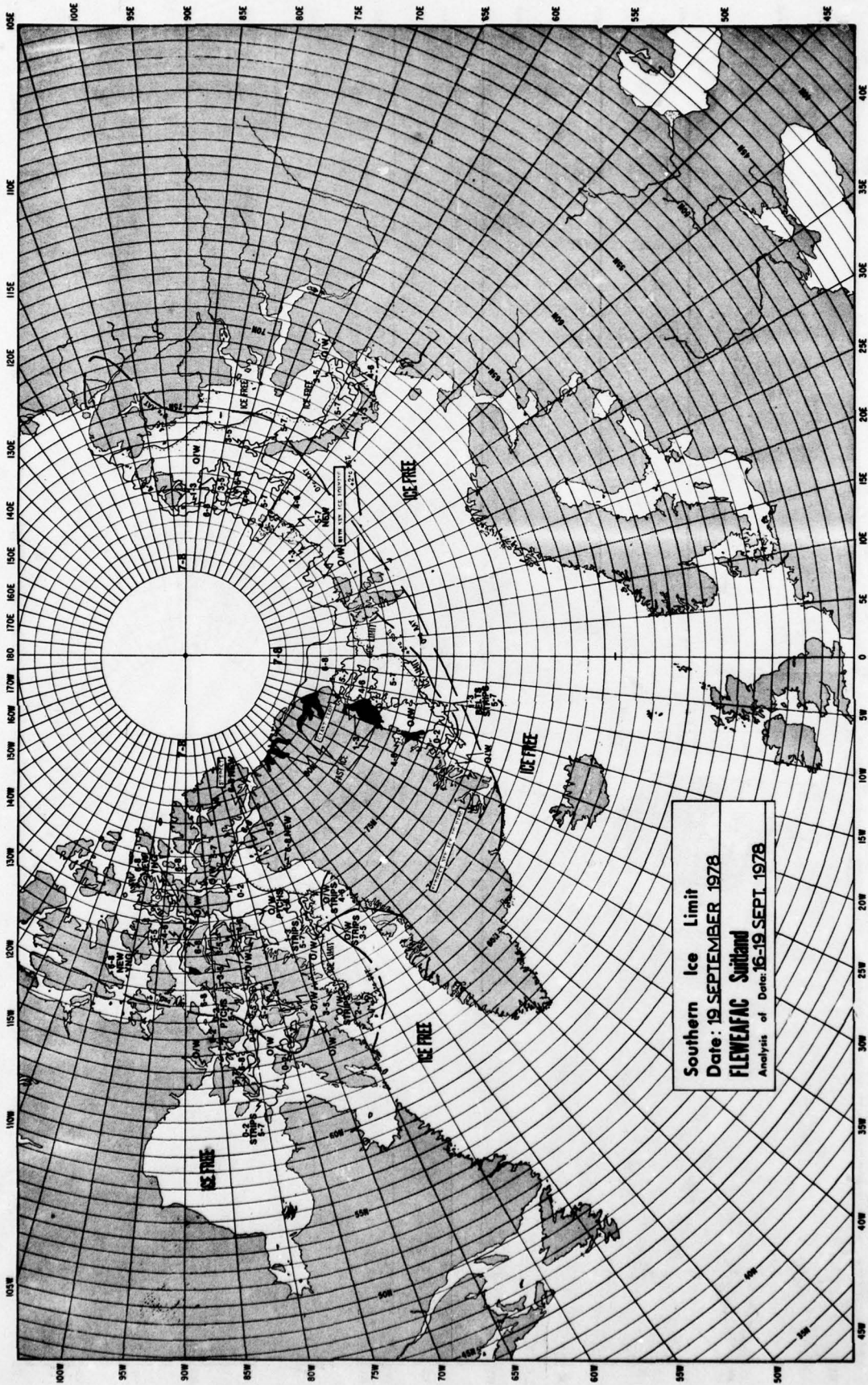
Southern Ice Limit
Date: 29 AUGUST 1978
FLEVENFAC Svalbard
Analysis of Data: 26-29 AUG 1978

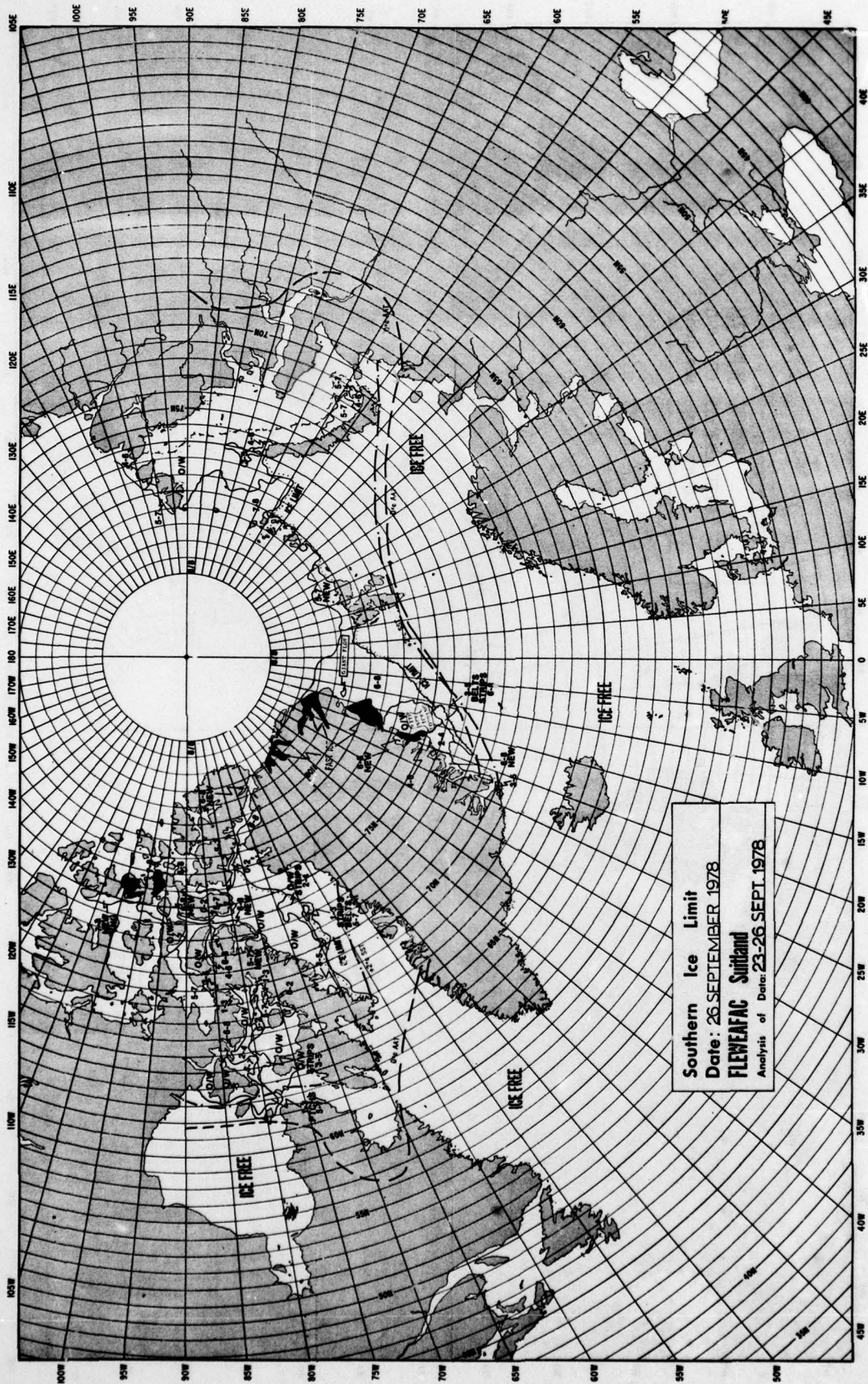


Southern Ice Limit
Date: 05 SEPTEMBER 1978
FLEWFAC Sutherland
Analysis of Data: 03-05 SEPT 1978

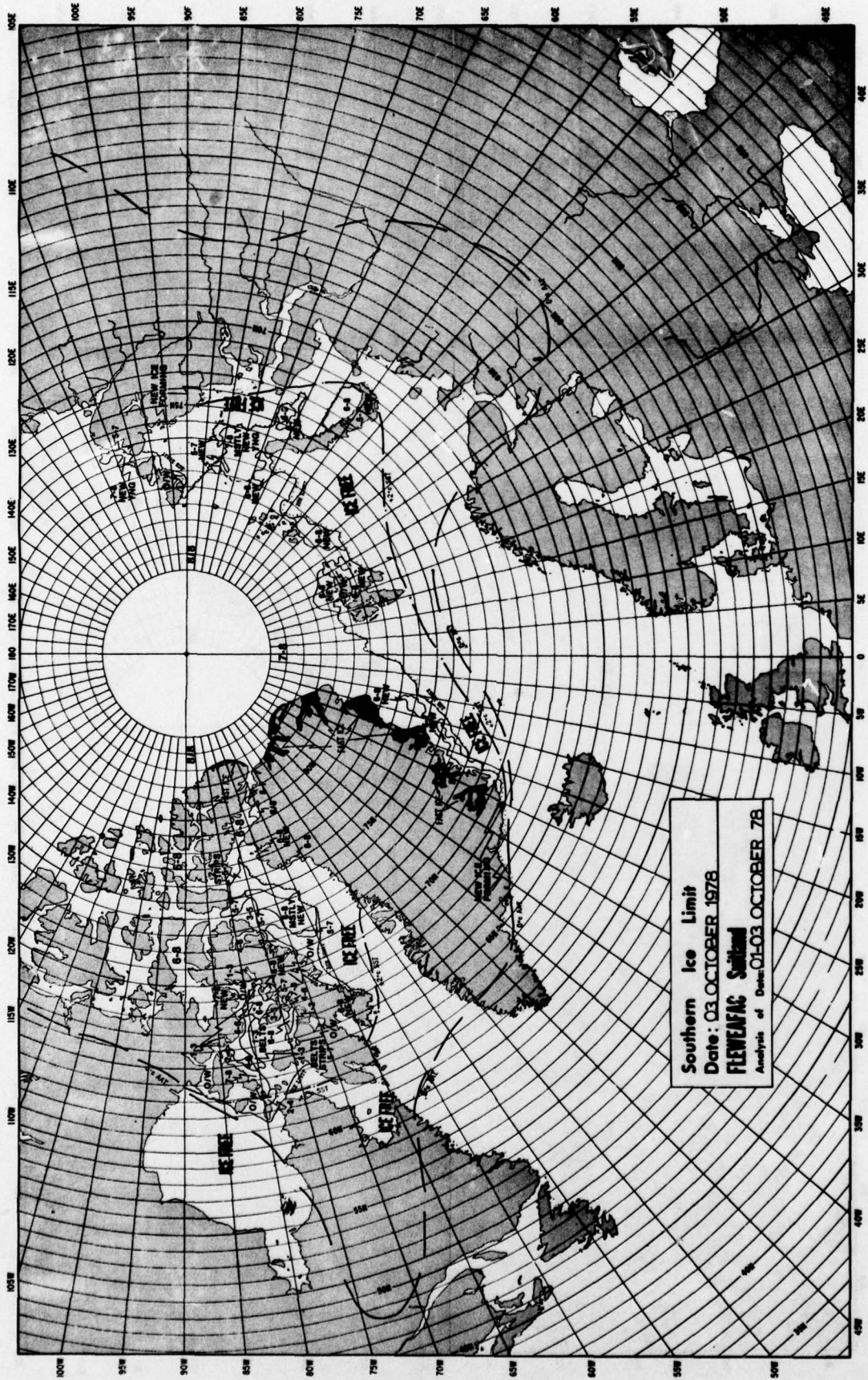
ICE FREE
1000 METERS



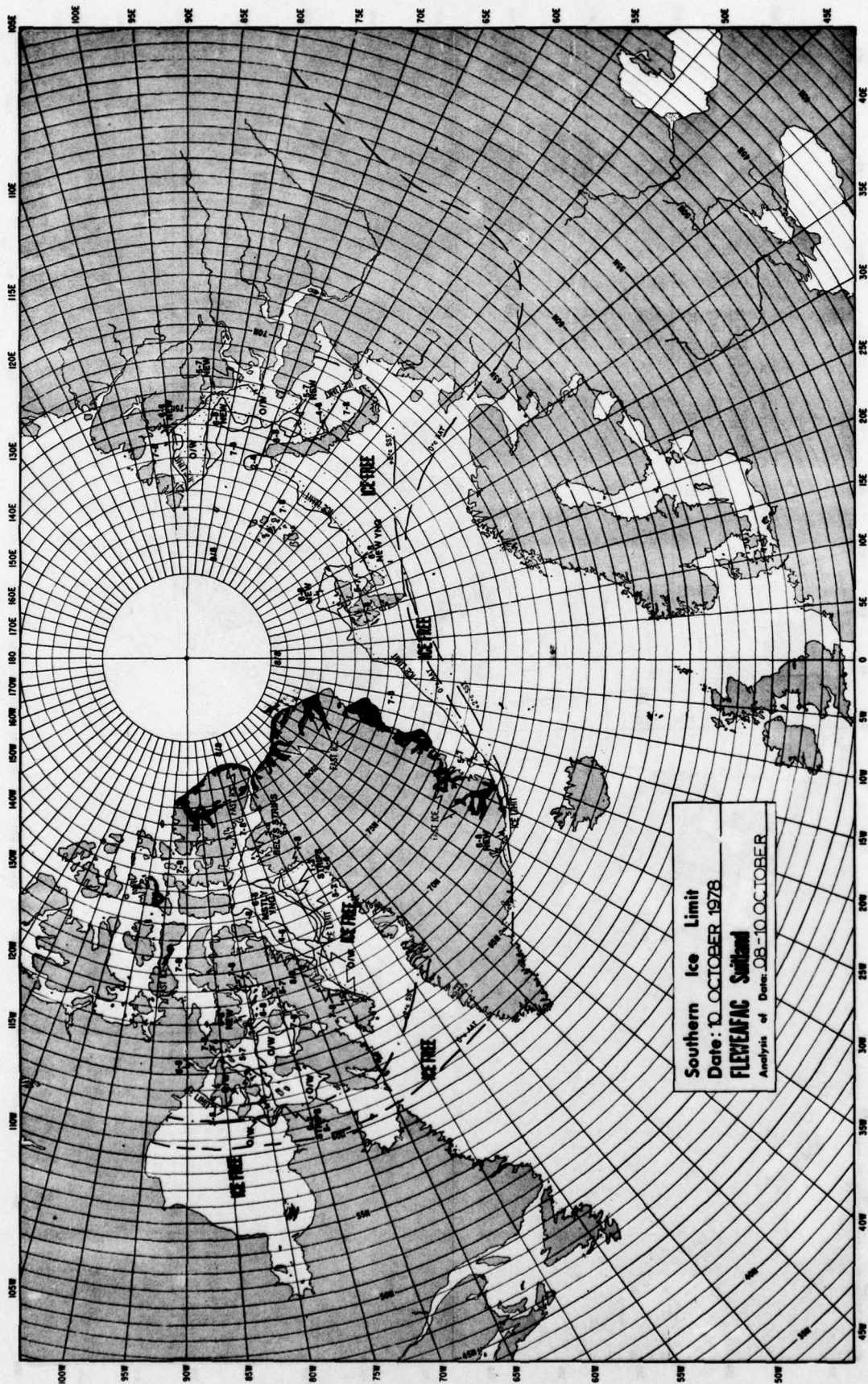




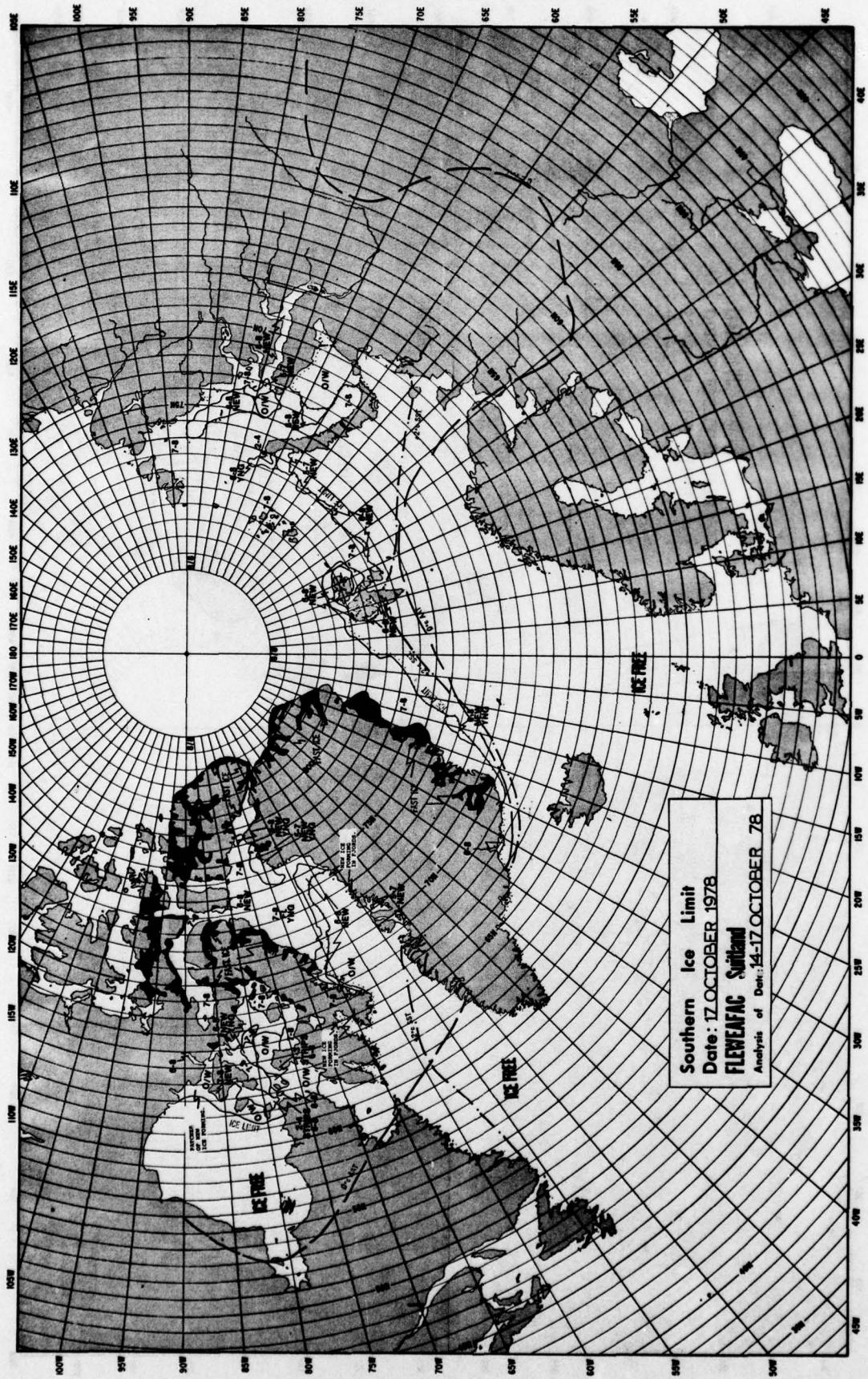
Southern Ice Limit
Date: 26 SEPTEMBER 1978
FLEWENFAC Svalbard
Analysis of Data: 23-26 SEPT. 1978

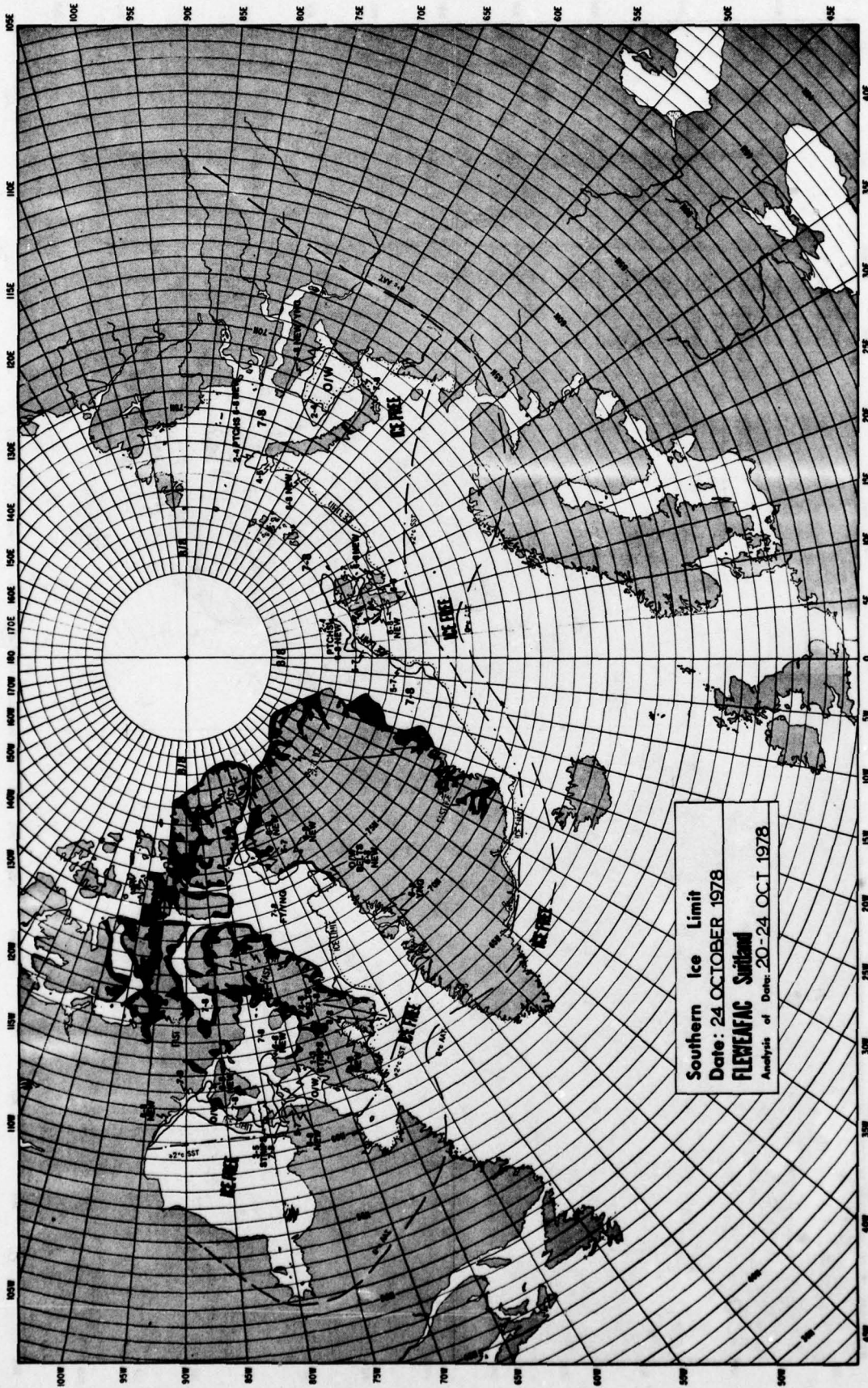


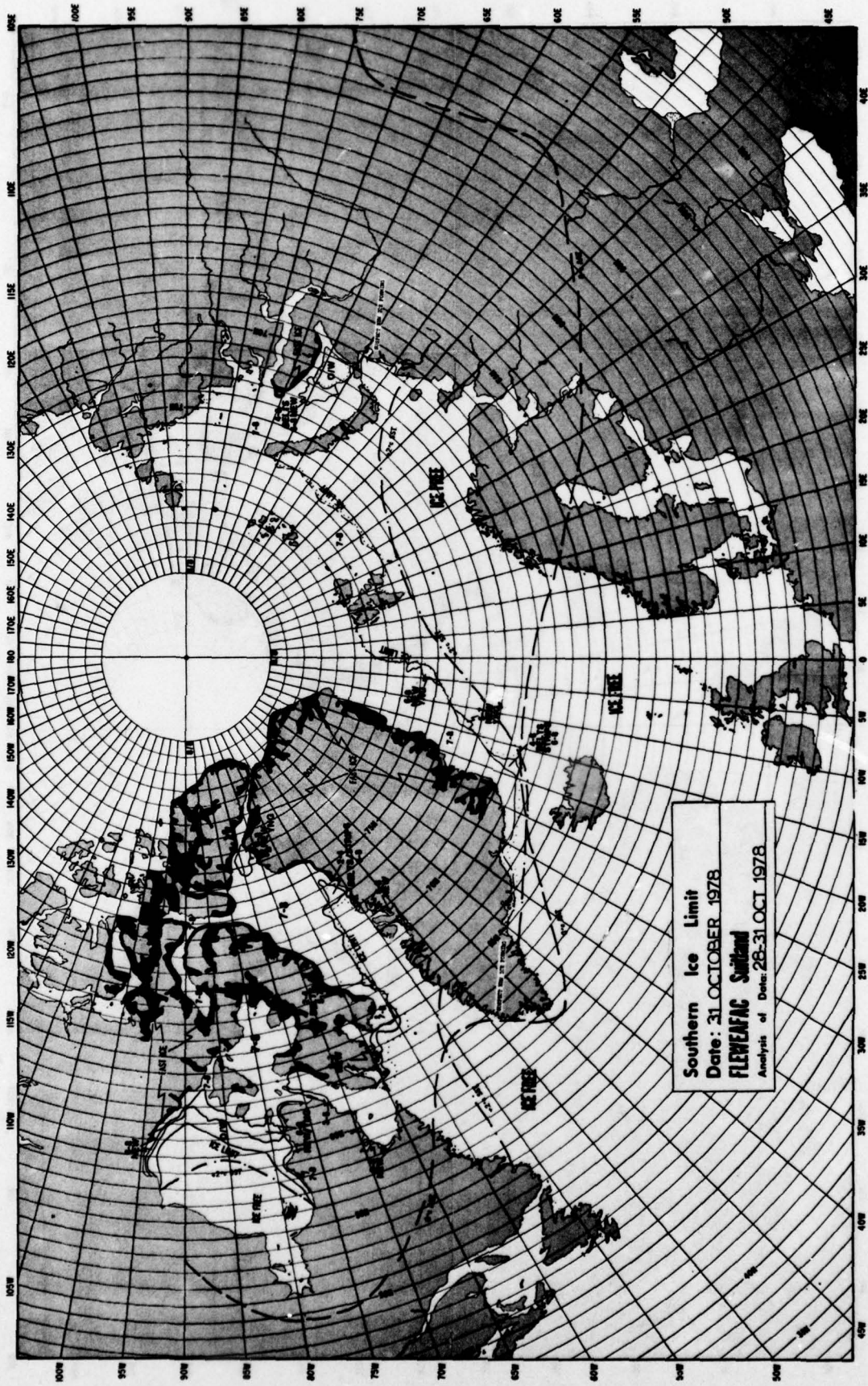
Southern Ice Limit
Date: 03 OCTOBER 1978
FLEWING SAILOR
Analysis of Data: 01:03 OCTOBER 78

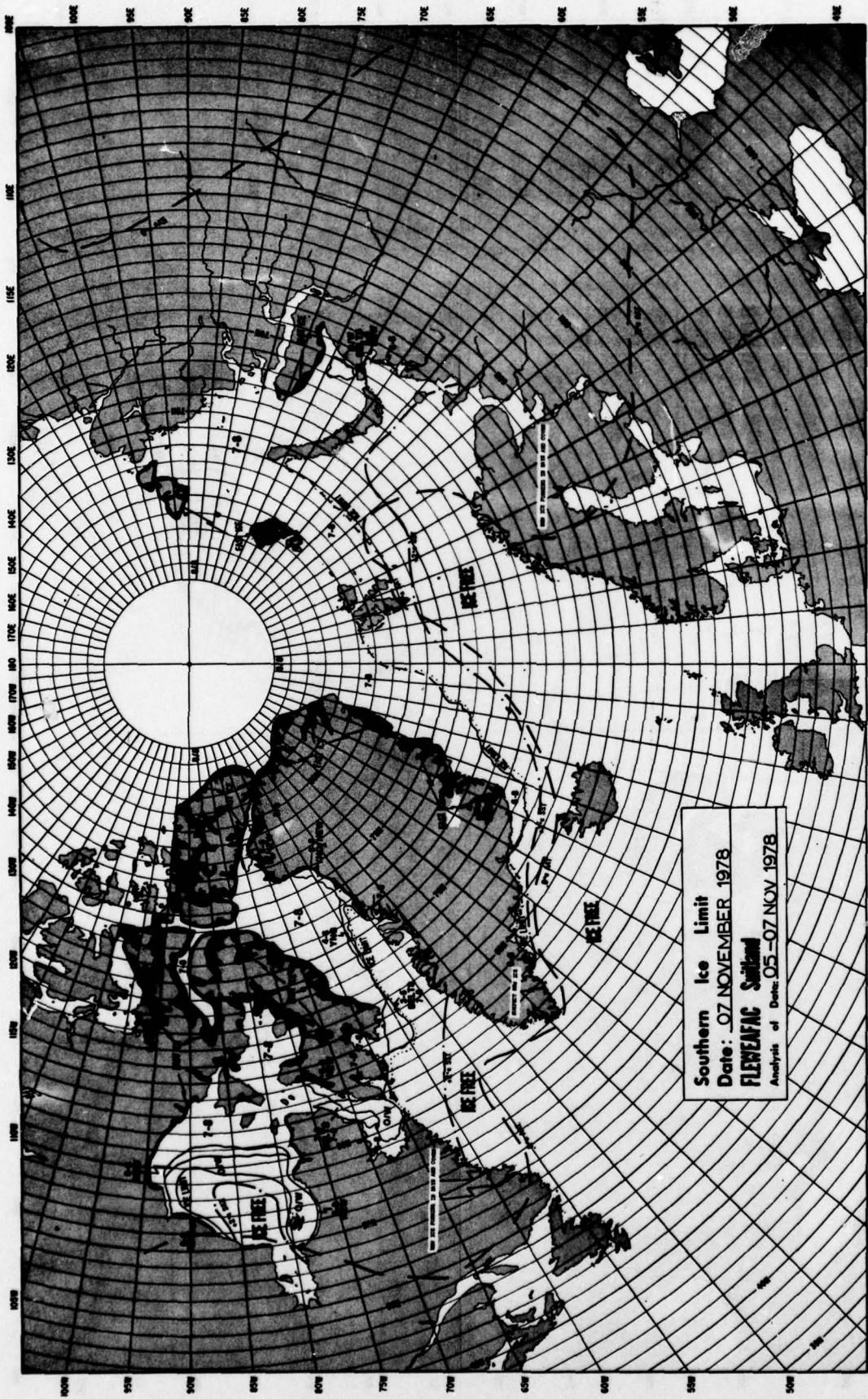


Southern Ice Limit
Date: 10 OCTOBER 1978
FLEVENFAC Svalbard
Analysis of Data: 08-10 OCTOBER

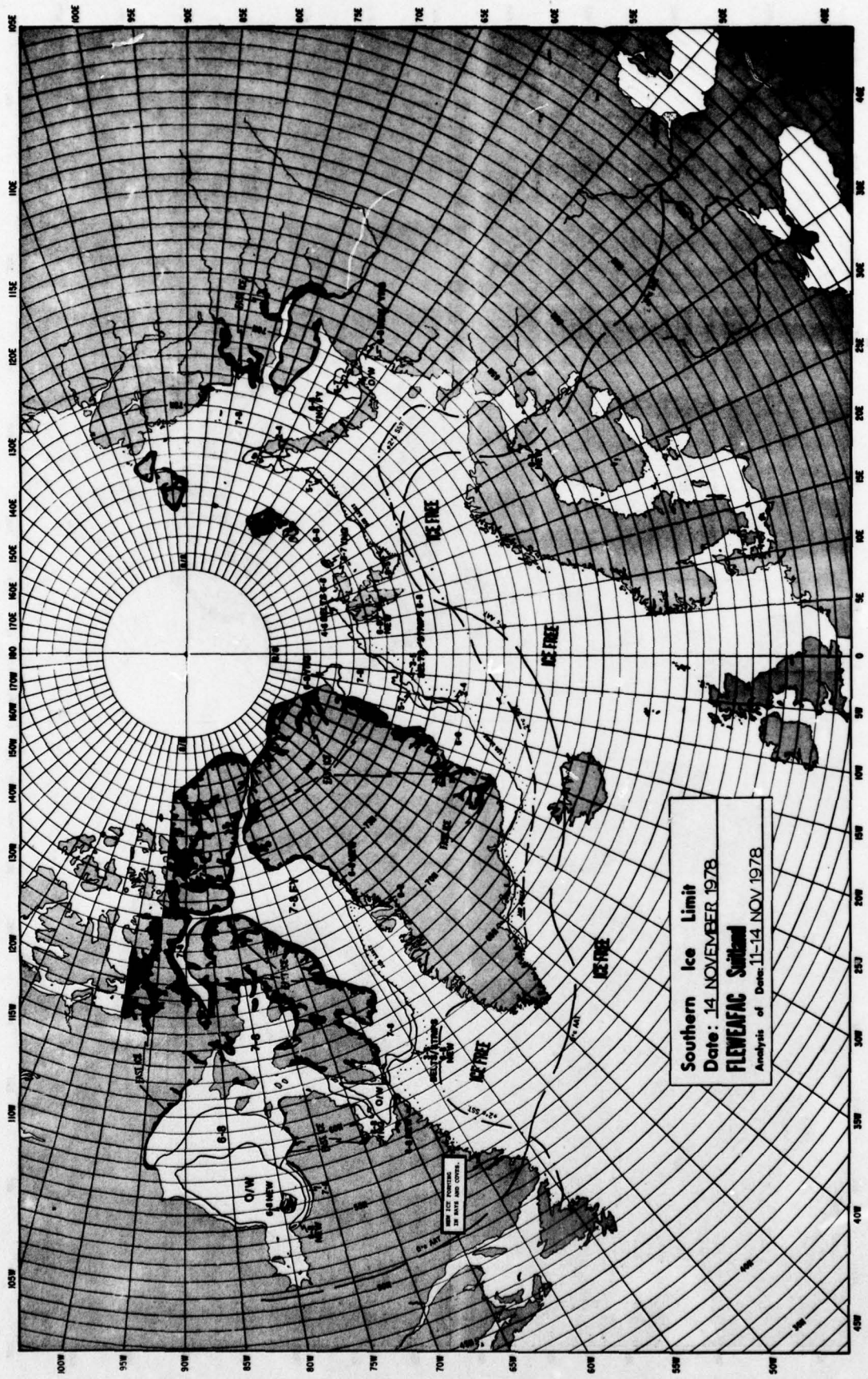






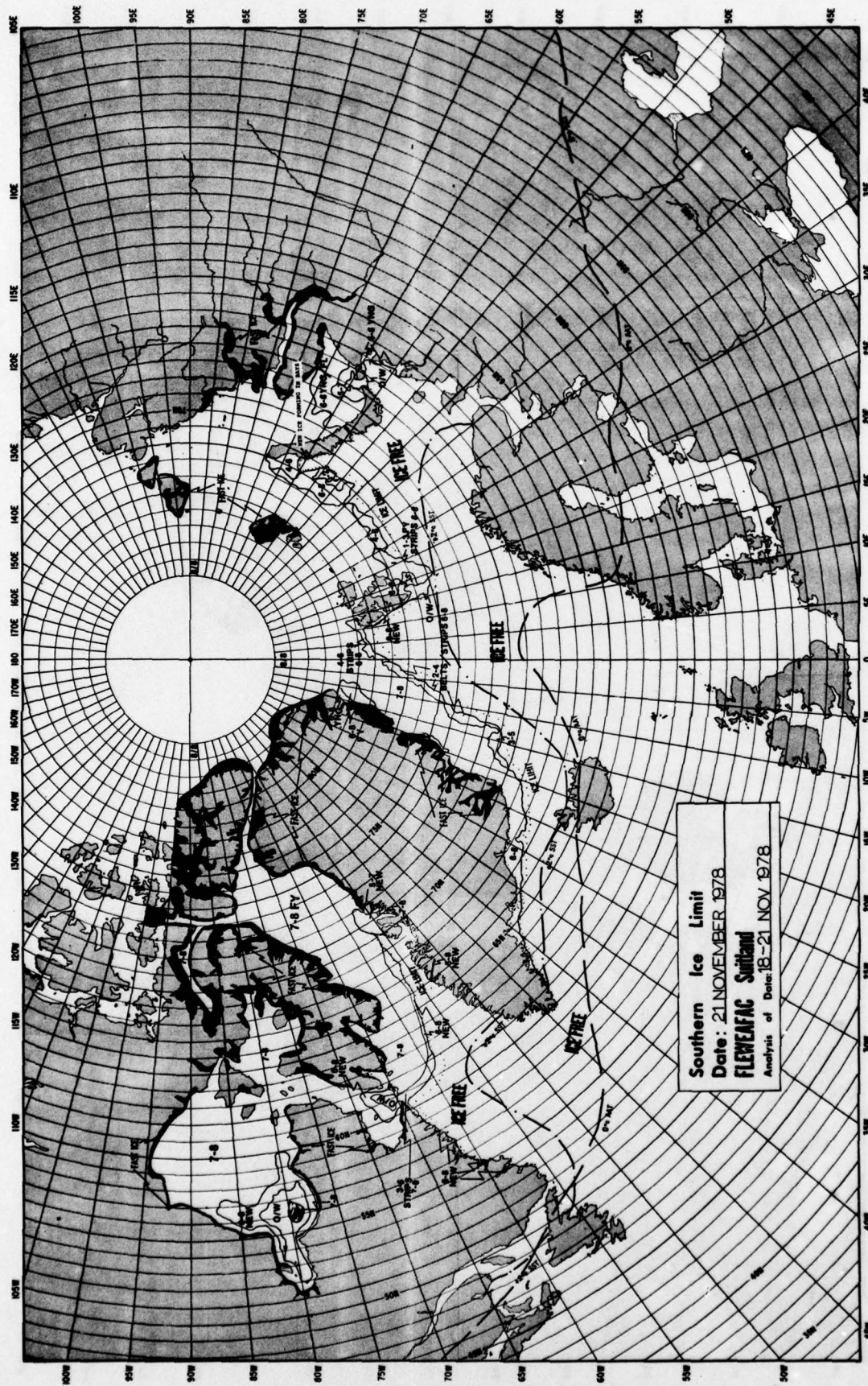


Southern Ice Limit
Date: 07 NOVEMBER 1978
FLEWENAC Southwest
Analysis of Data: 05-07 NOV 1978

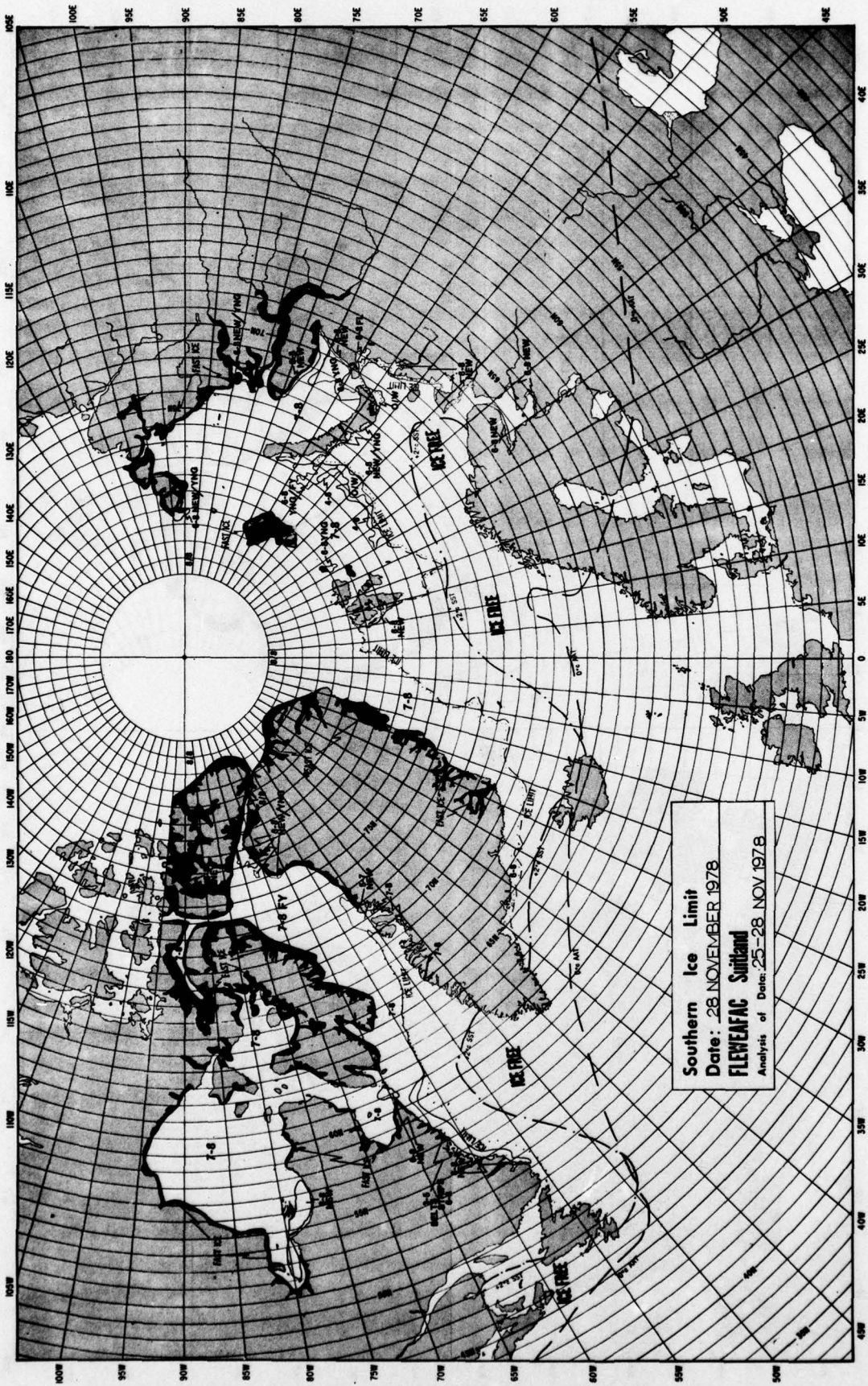


Southern Ice Limit
 Date: 14 NOVEMBER 1978
FLEWENAC Sailed
 Analysis of Date: 11-14 NOV 1978

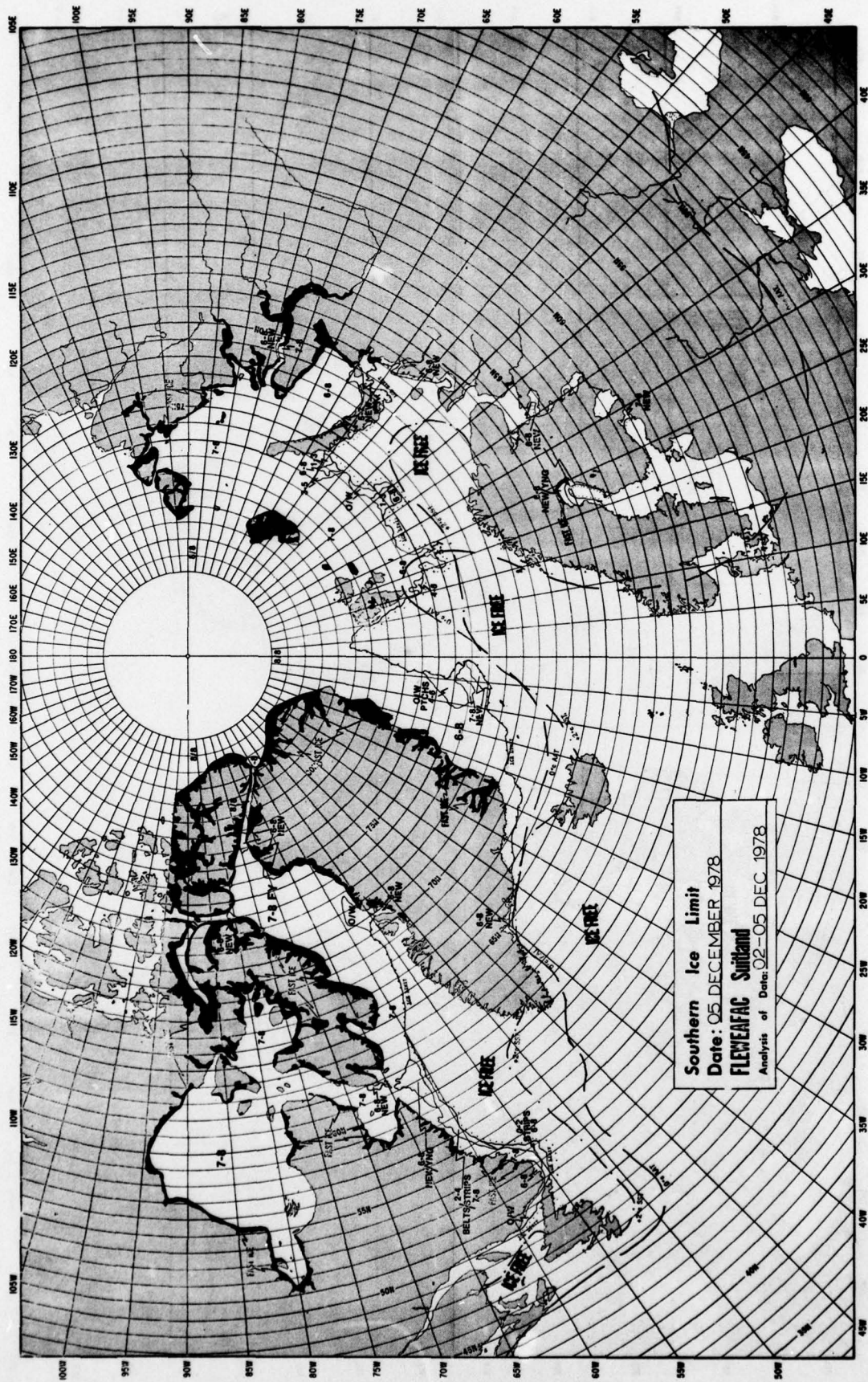
ICE LIMIT
 DETERMINED
 BY AIRCRAFT
 OBSERVATION

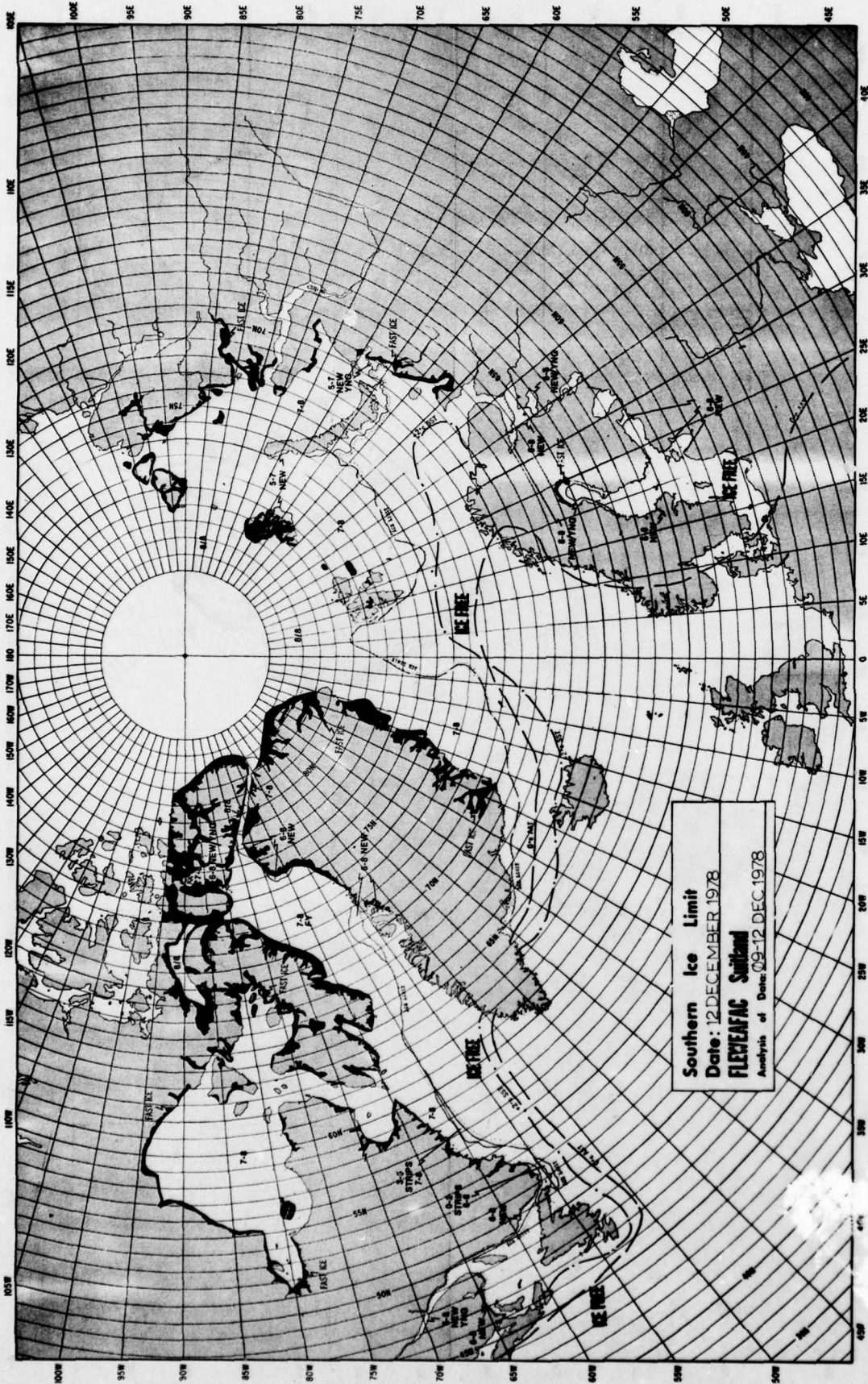


Southern Ice Limit
 Date: 21 NOVEMBER 1978
FLEWENAC **Suitland**
 Analysis of Data: 18-21 NOV 1978

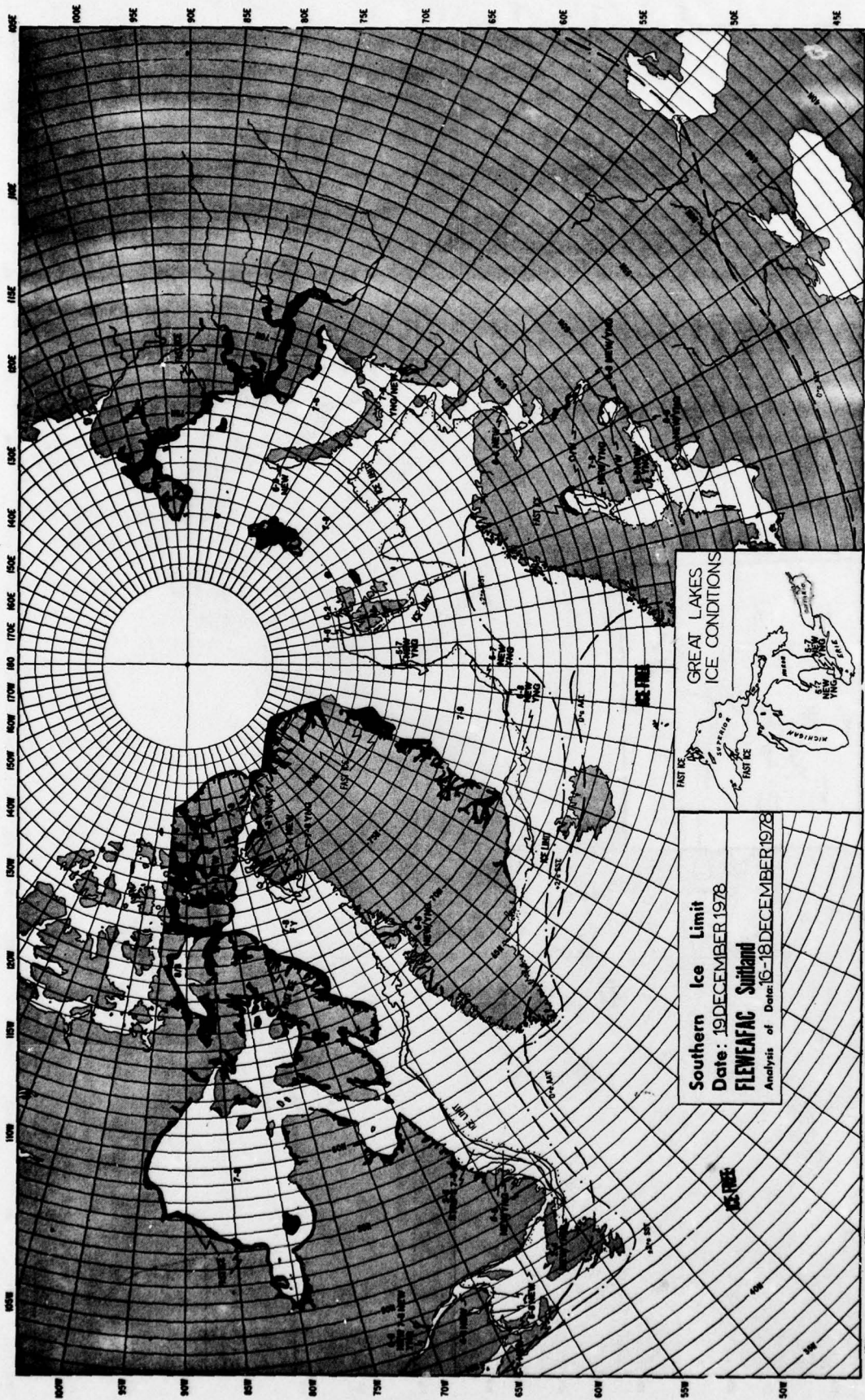


Southern Ice Limit
Date: 28 NOVEMBER 1978
FLENEAC Suitland
 Analysis of Data: 25-28 NOV 1978

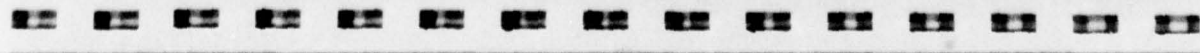


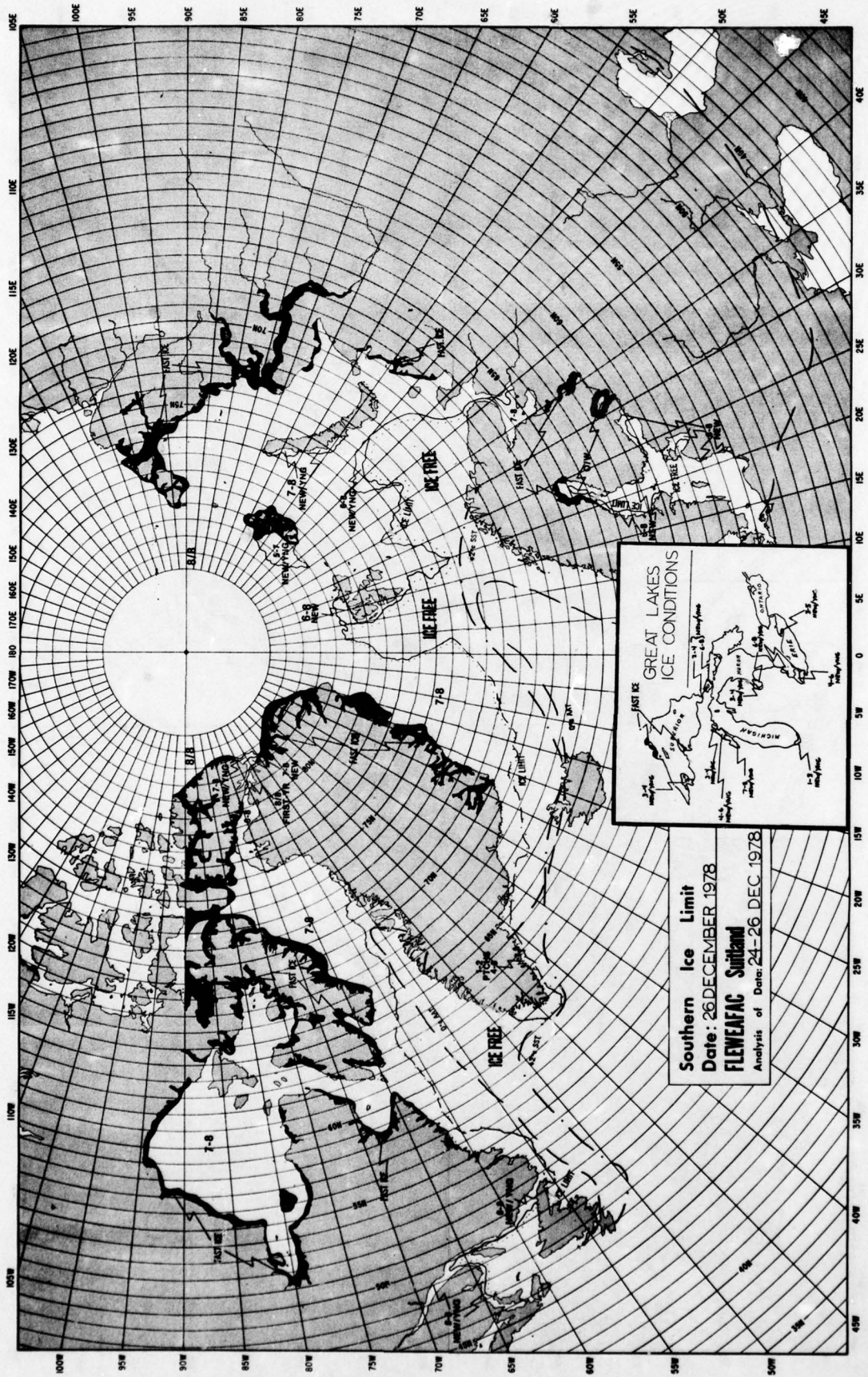


Southern Ice Limit
Date: 12 DECEMBER 1978
FLEVEAFAC Svalbard
 Analysis of Data 09-12 DEC.1978

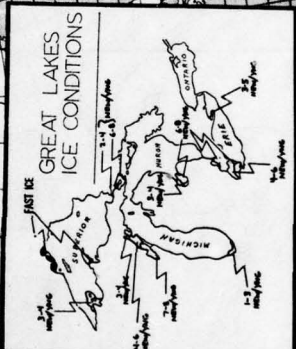


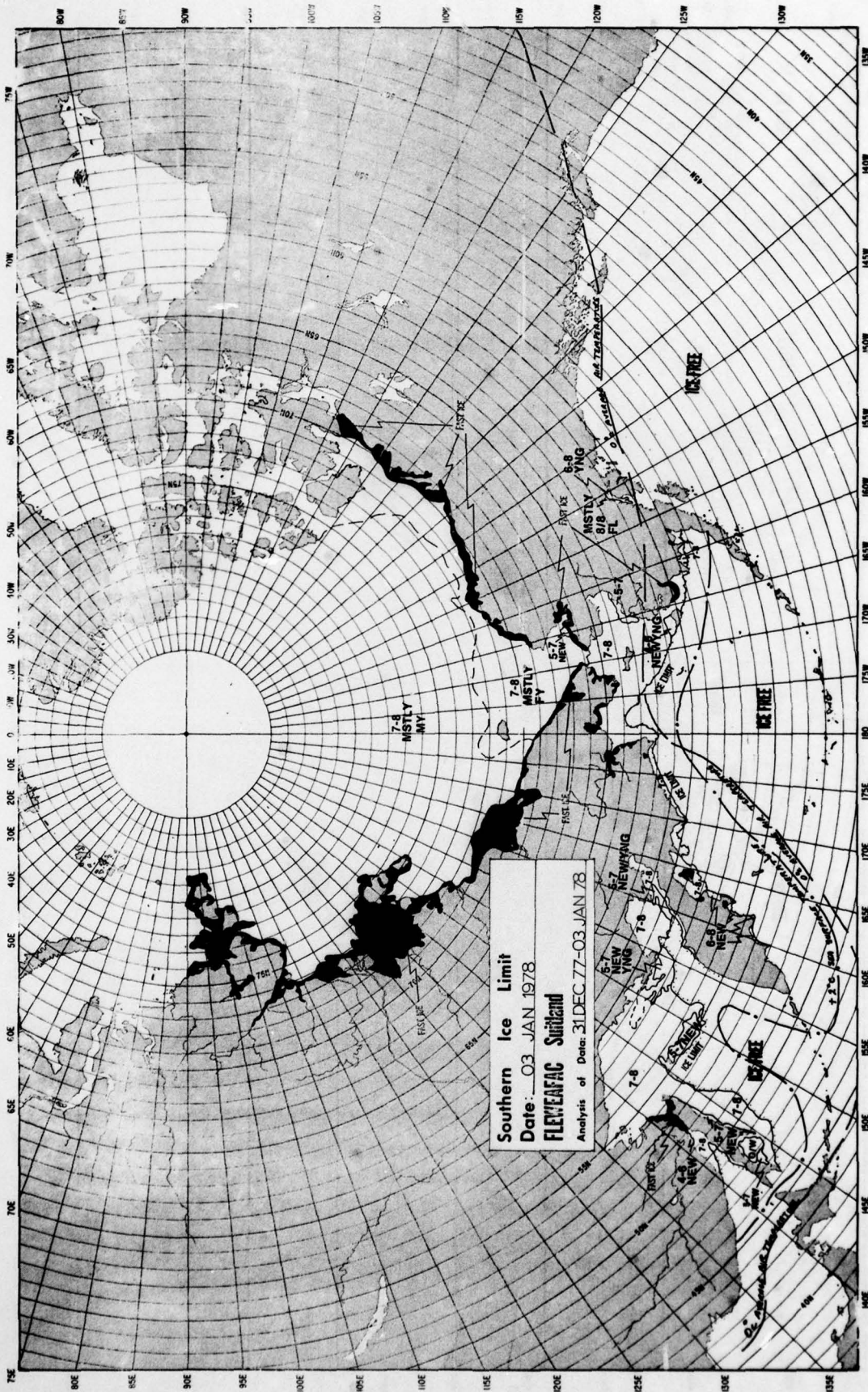
Southern Ice Limit
Date: 19 DECEMBER 1978
FLEWEAFAC Suttland
 Analysis of Date: 16-18 DECEMBER 1978

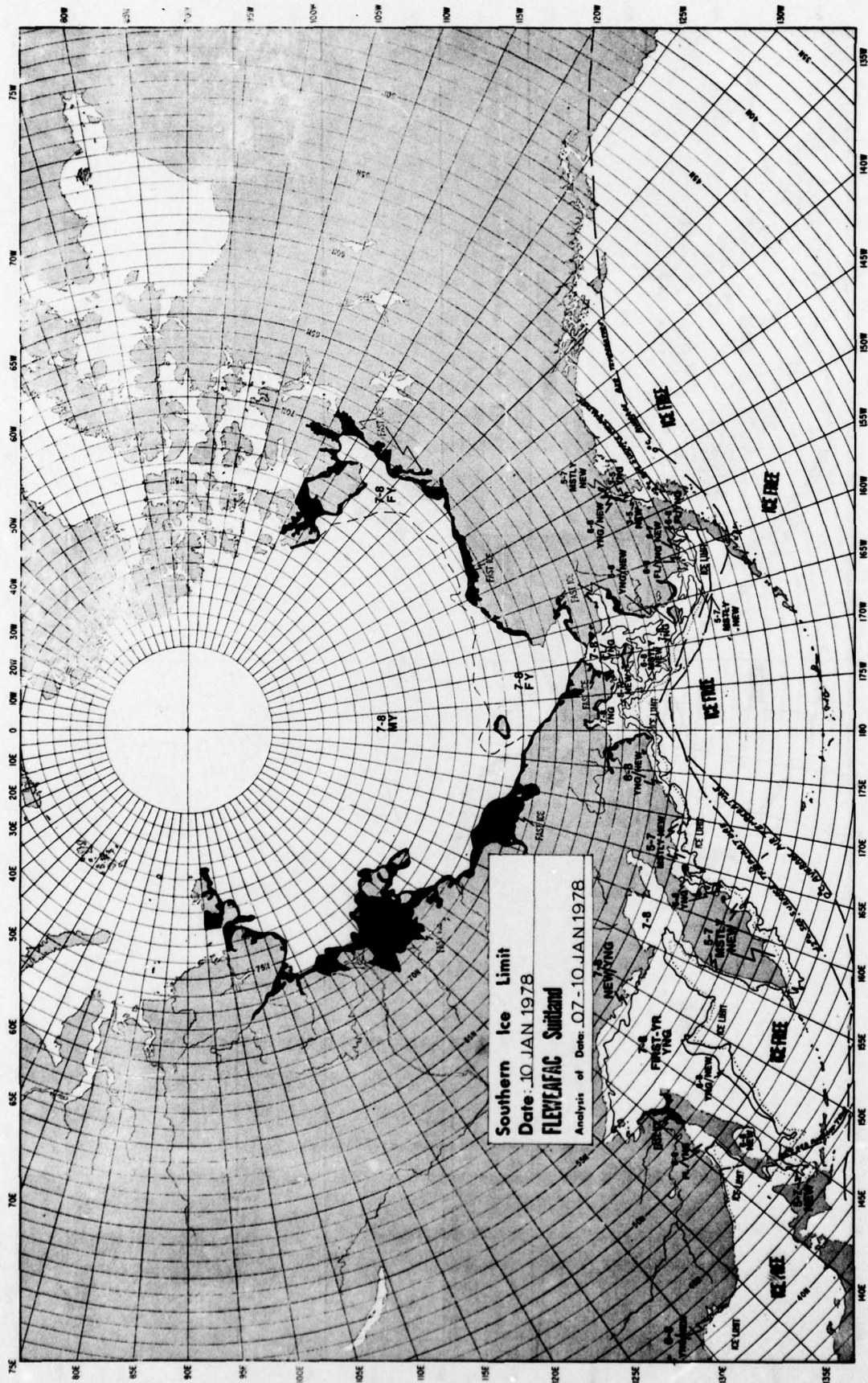




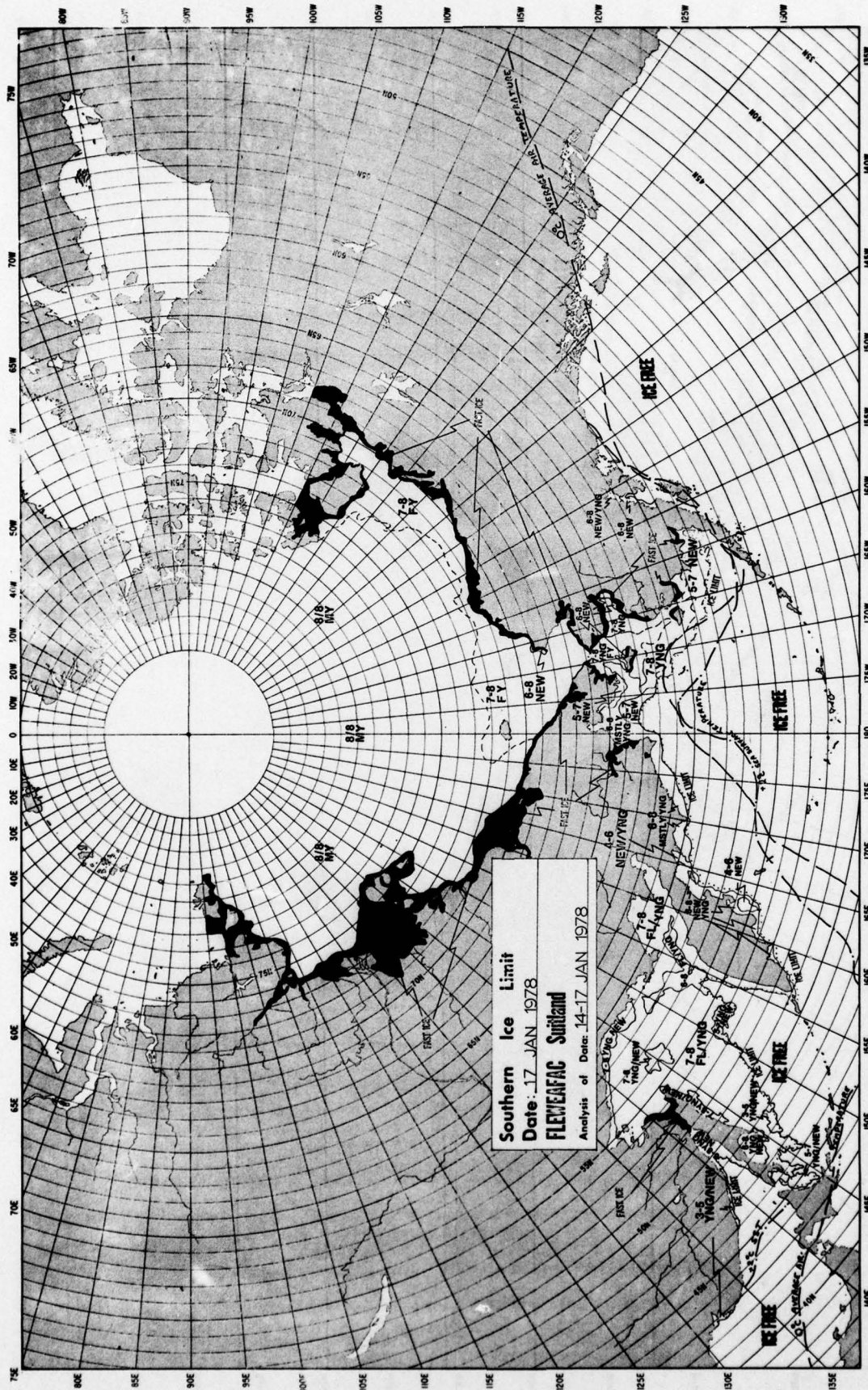
Southern Ice Limit
Date: 26 DECEMBER 1978
FLEWEAFAC Sutherland
 Analysis of Data: 24-26 DEC. 1978



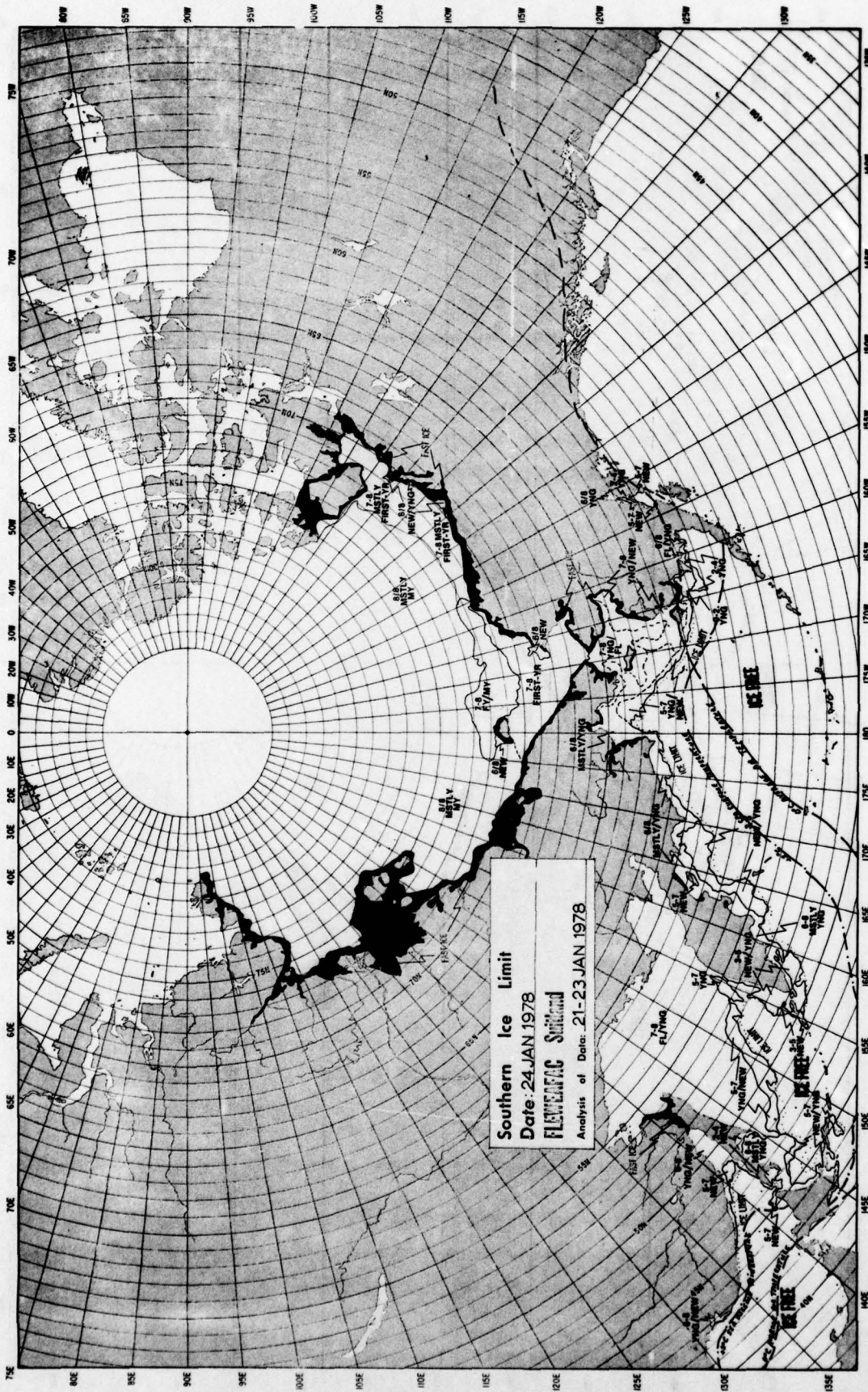




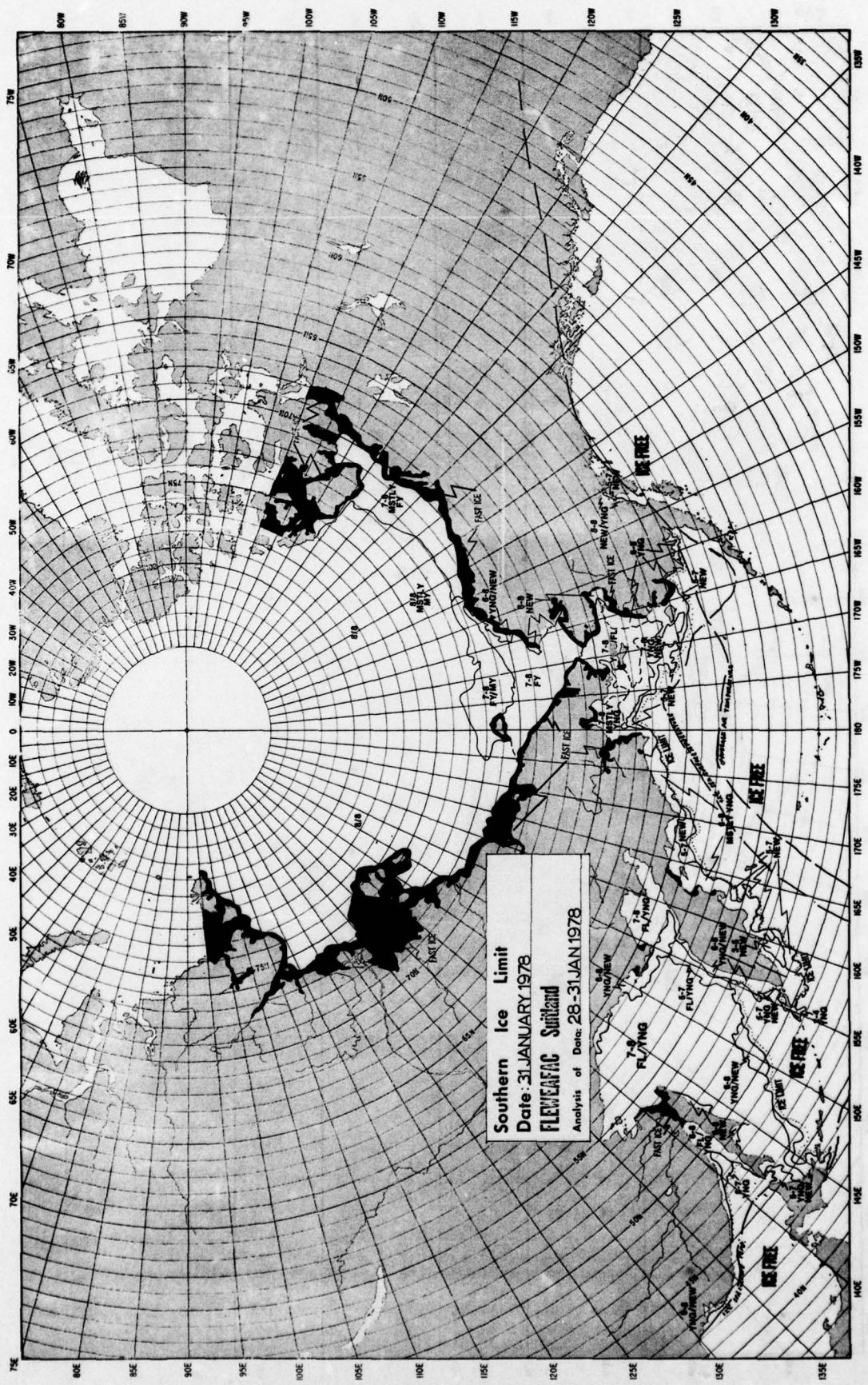
Southern Ice Limit
Date: 10 JAN 1978
FLEWELFAC Sutherland
Analysis of Data: 07-10 JAN 1978



Southern Ice Limit
 Date: 17 JAN 1978
FLEWCAFAC Suidland
 Analysis of Data: 14-17 JAN 1978

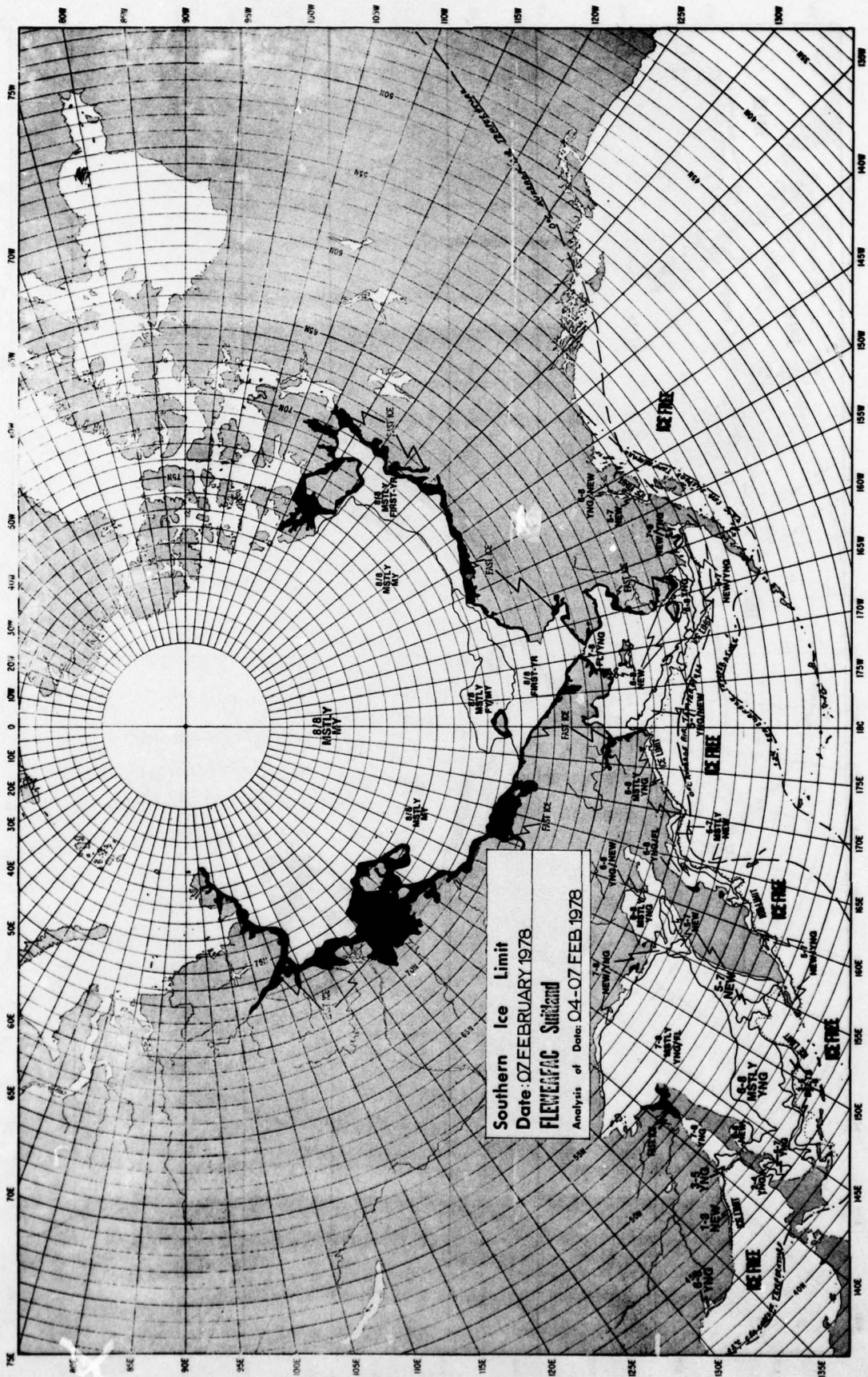


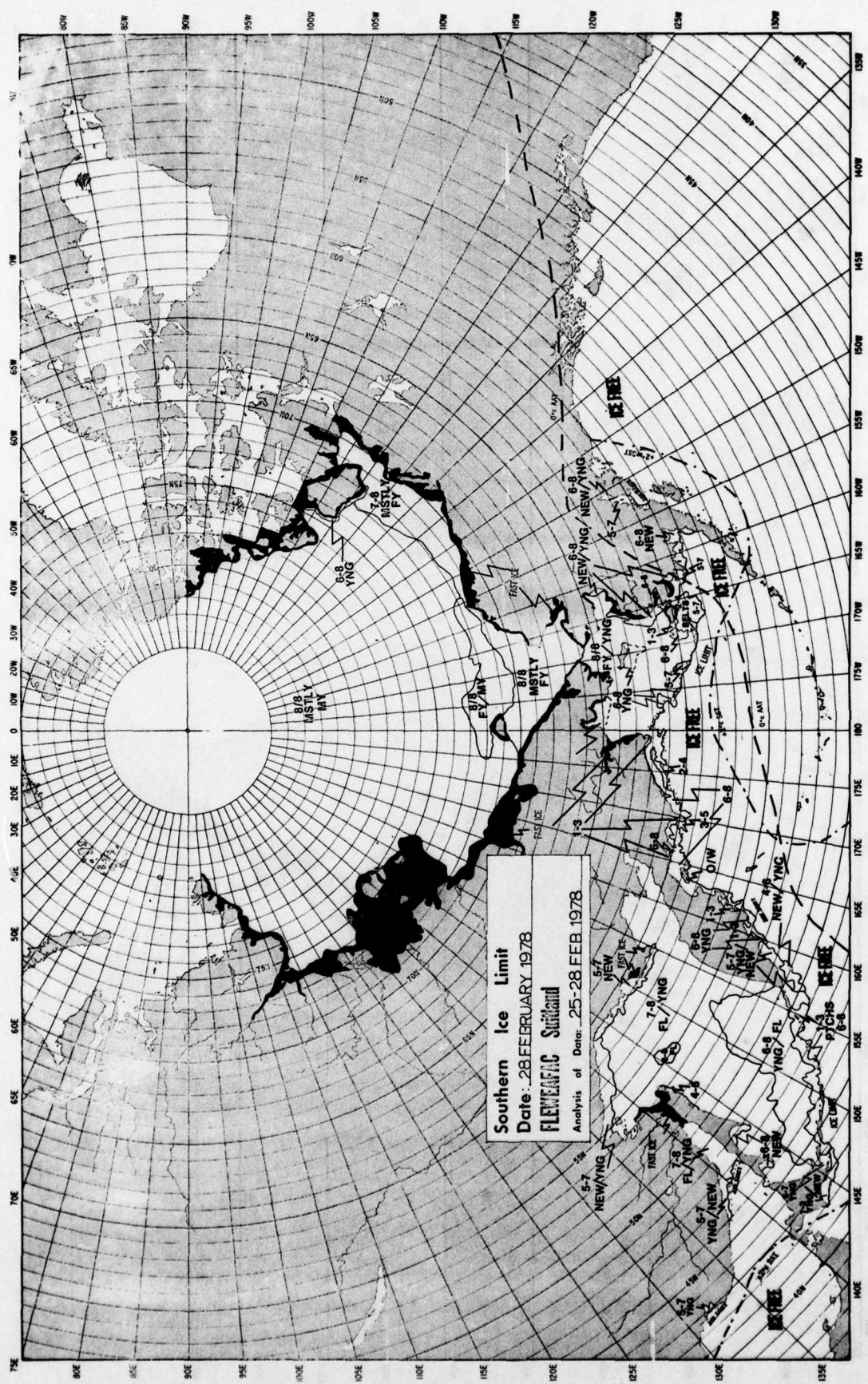
Southern Ice Limit
 Date: 24 JAN 1978
 FLEWELAC SURVEIL
 Analysis of Data: 21-23 JAN 1978



Southern Ice Limit
Date: 31 JANUARY 1978
FLEWFAAC **Switzerland**
 Analysis of Data: 28-31 JAN 1978

75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 70E 75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 60E 65E 70E 75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 50E 55E 60E 65E 70E 75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 40E 45E 50E 55E 60E 65E 70E 75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 30E 35E 40E 45E 50E 55E 60E 65E 70E 75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 20E 25E 30E 35E 40E 45E 50E 55E 60E 65E 70E 75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 10E 15E 20E 25E 30E 35E 40E 45E 50E 55E 60E 65E 70E 75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 0 5E 10E 15E 20E 25E 30E 35E 40E 45E 50E 55E 60E 65E 70E 75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
 10W 15W 20W 25W 30W 35W 40W 45W 50W 55W 60W 65W 70W 75W 80W 85W 90W 95W 100W 105W 110W 115W 120W 125W 130W 135W
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 50W 55W 60W 65W 70W 75W 80W 85W 90W 95W 100W 105W 110W 115W 120W 125W 130W 135W
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 120W 125W 130W 135W
 130W 135W

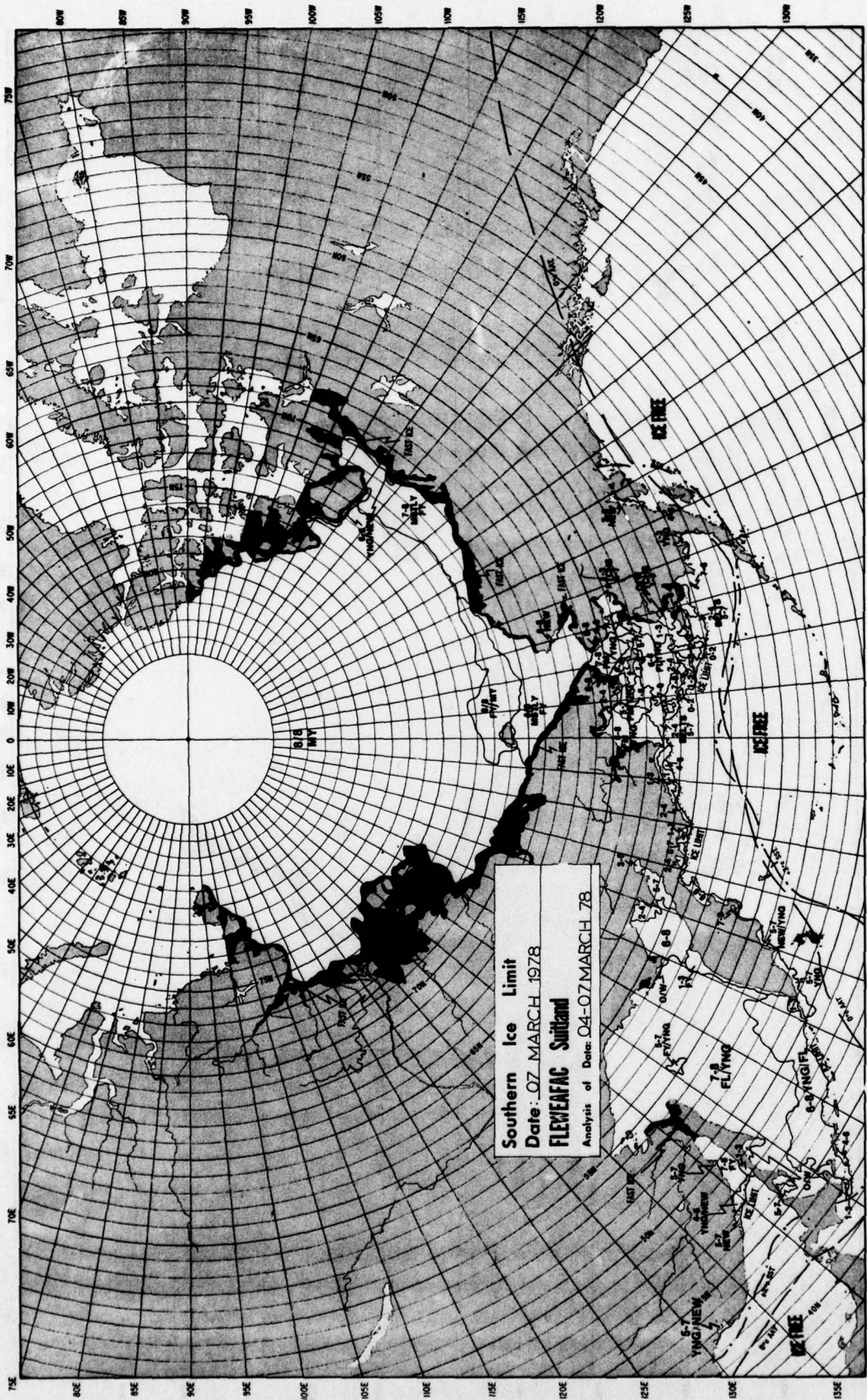




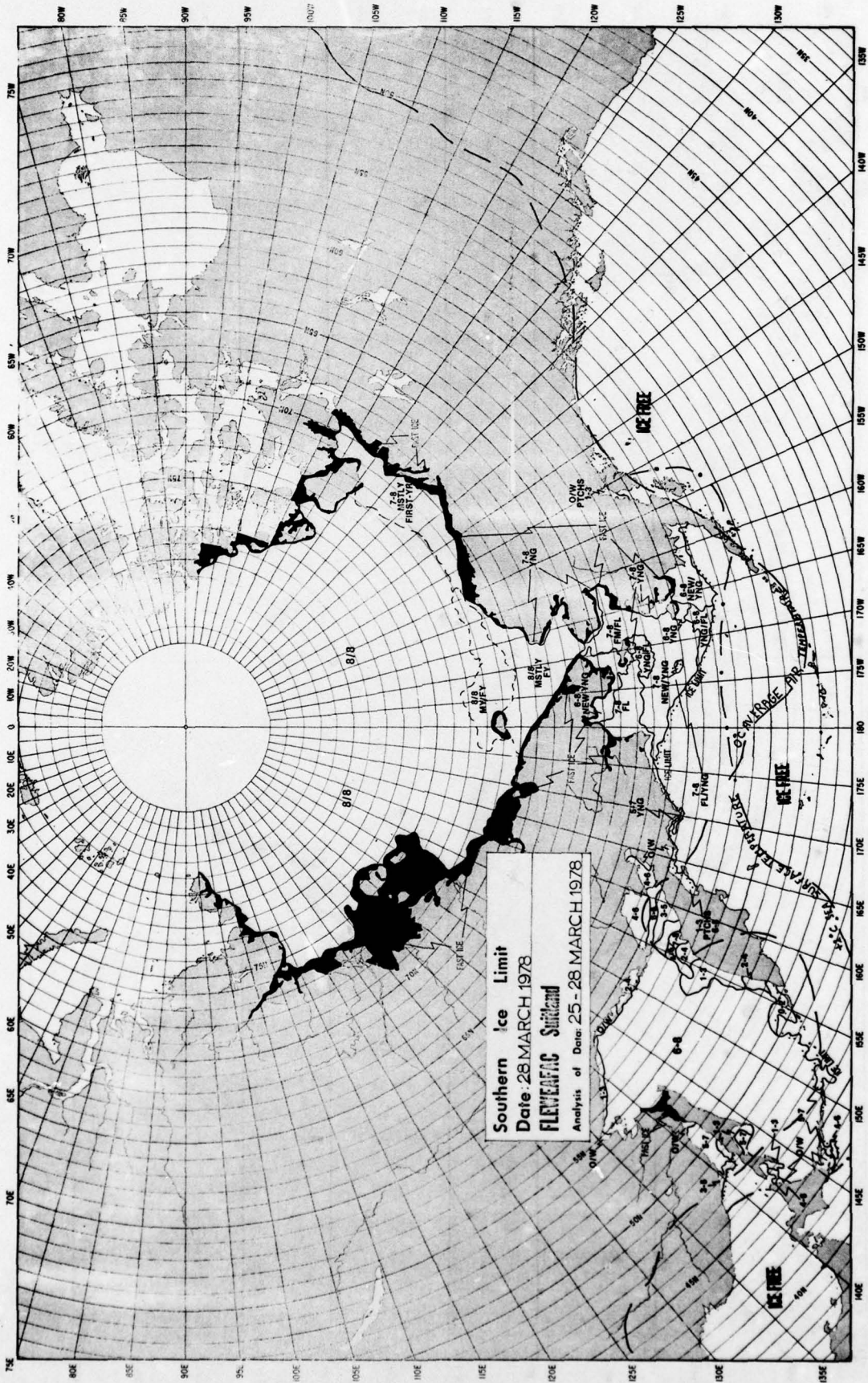
Southern Ice Limit
 Date: 28 FEBRUARY 1978
FLEWENAC Svalbard
 Analysis of Data: 25-28 FEB 1978

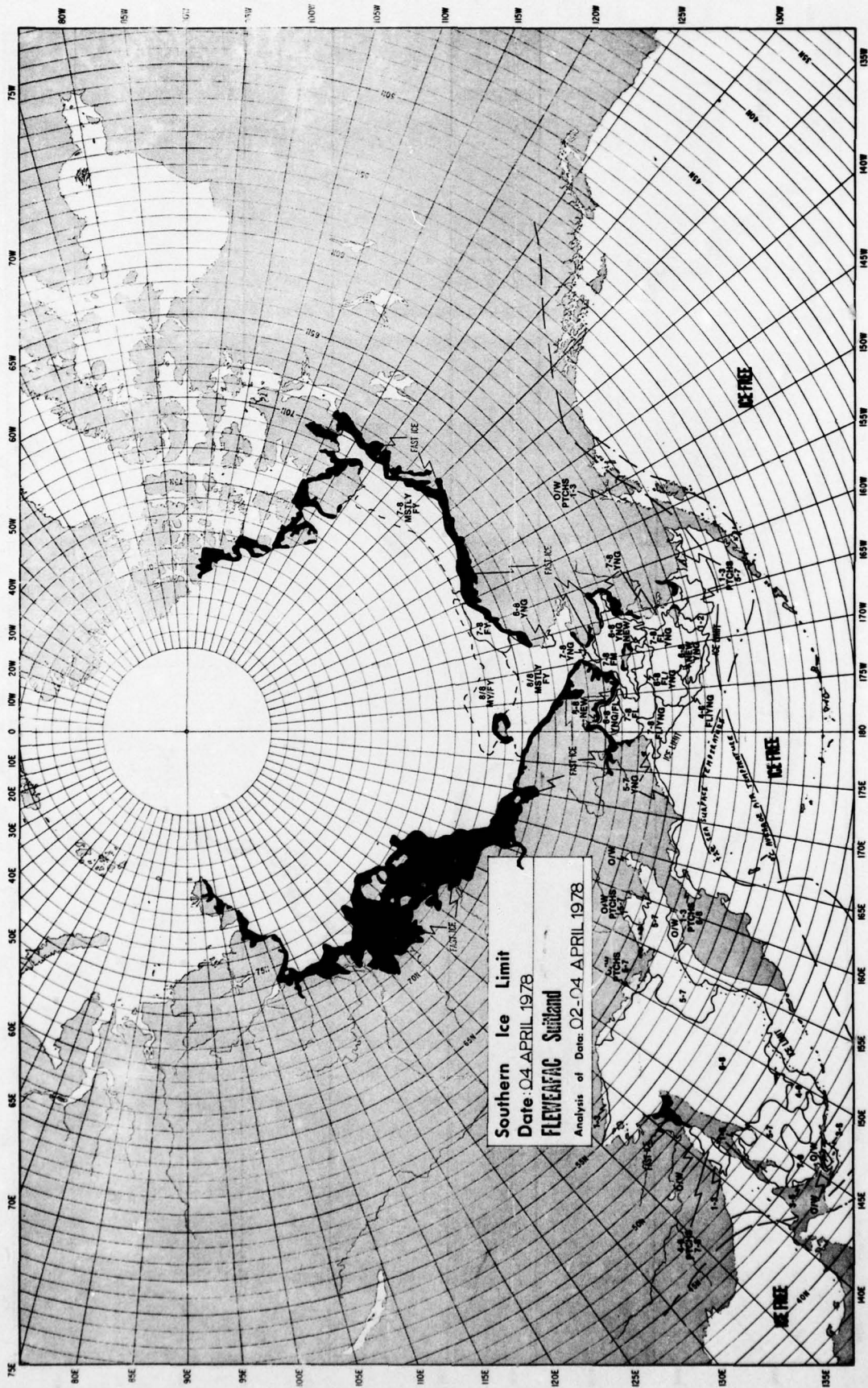
135E 130E 125E 120E 115E 110E 105E 100E 95E 90E 85E 80E 75E
 150W 145W 140W 135W 130W 125W 120W 115W 110W 105W 100W 95W 90W 85W 80W 75W

75E 80E 85E 90E 95E 100E 105E 110E 115E 120E 125E 130E 135E
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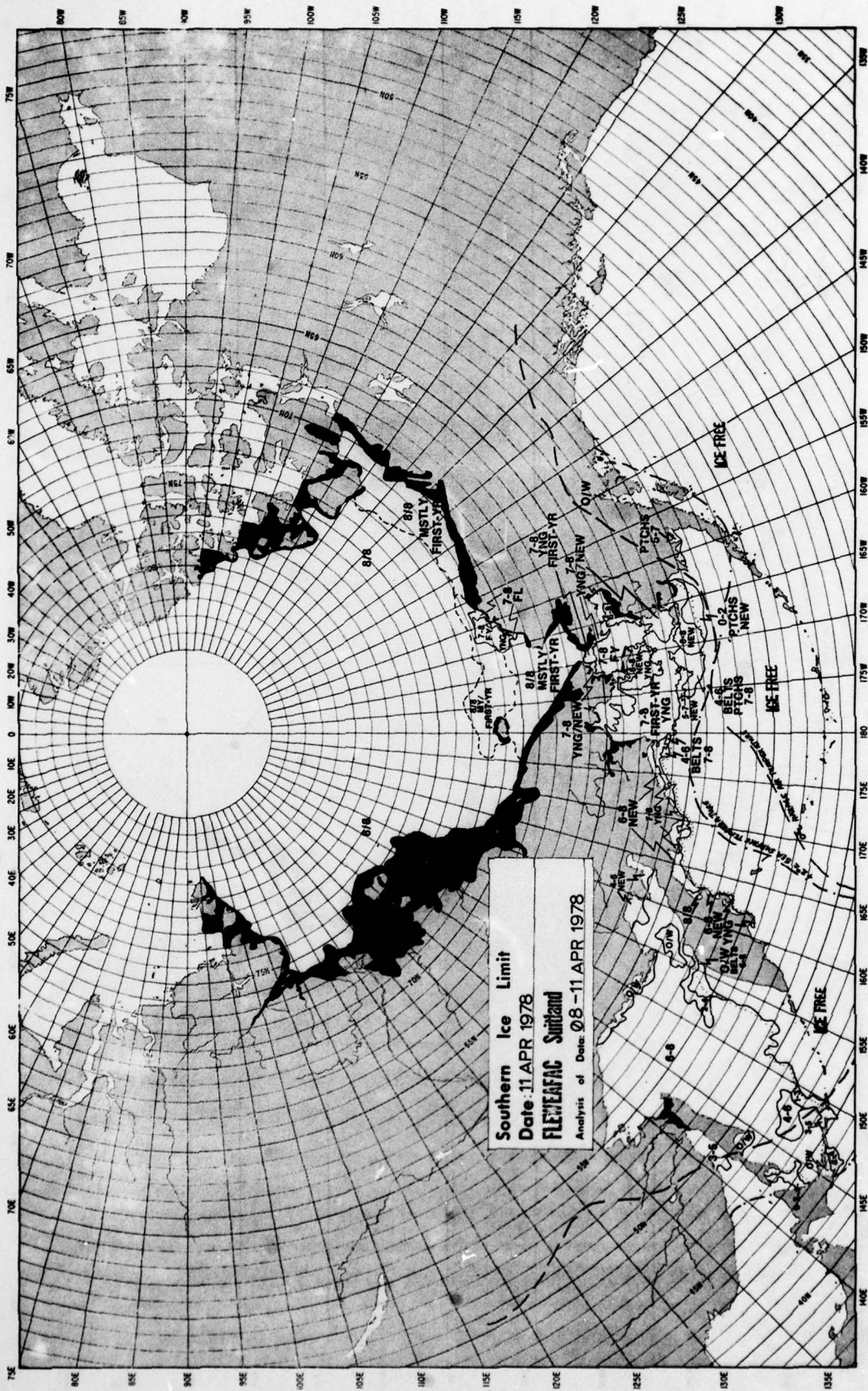


Southern Ice Limit
Date: 07 MARCH 1978
FLEVEAFAC Svalbard
Analysis of Data: 04-07 MARCH 78

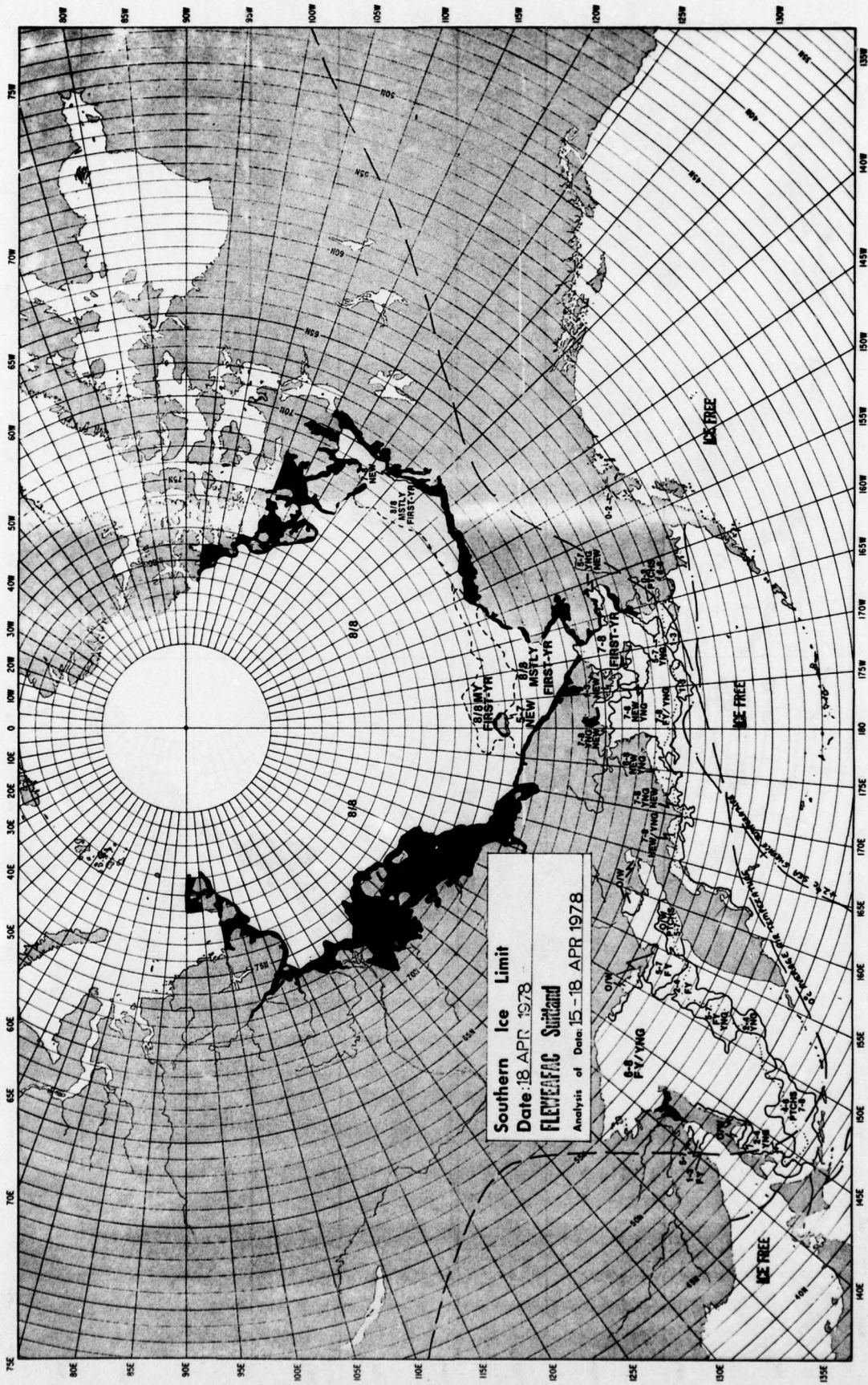




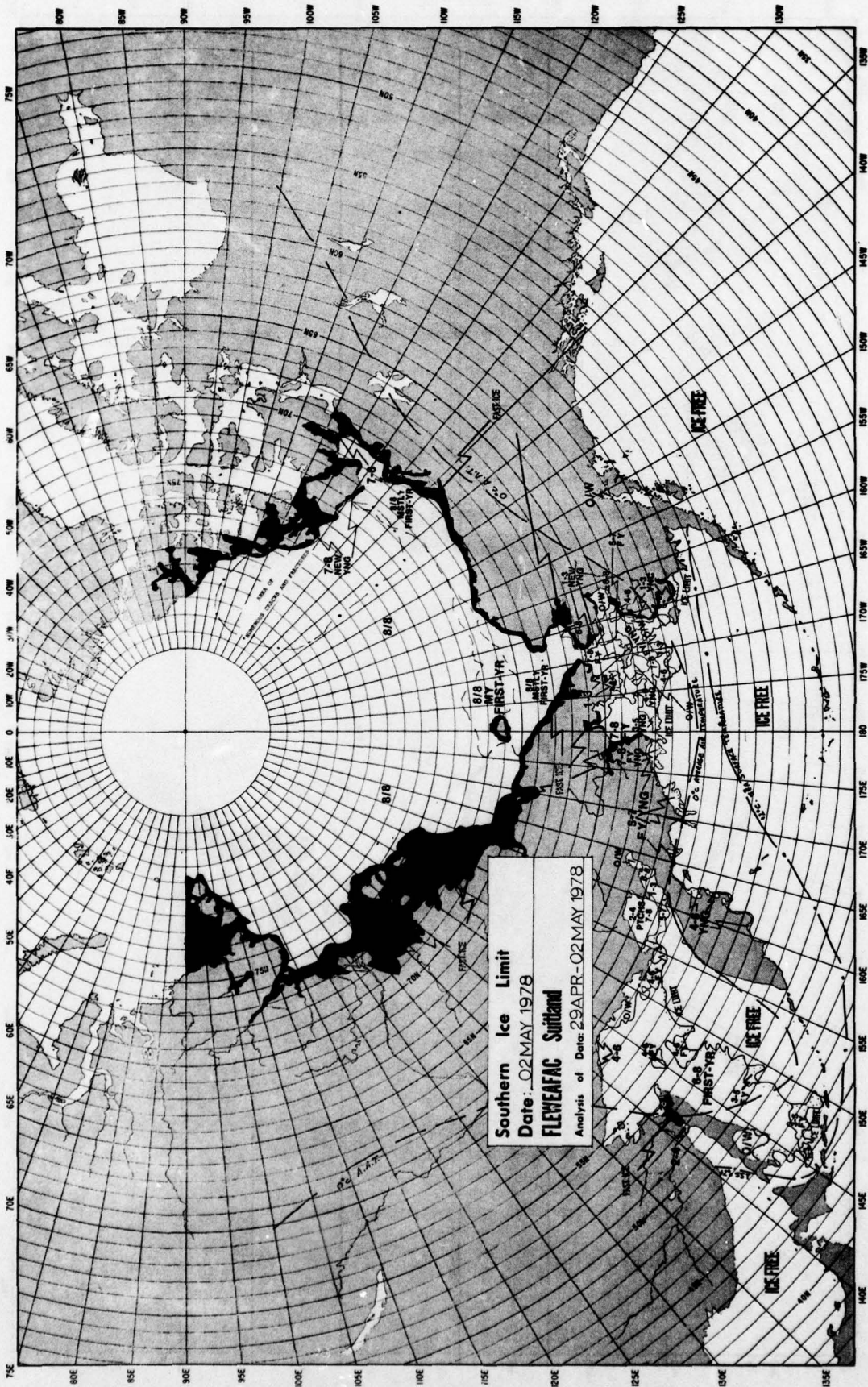
Southern Ice Limit
Date: 04 APRIL 1978
FLEWENAFAC Suidland
Analysis of Data: 02-04 APRIL 1978



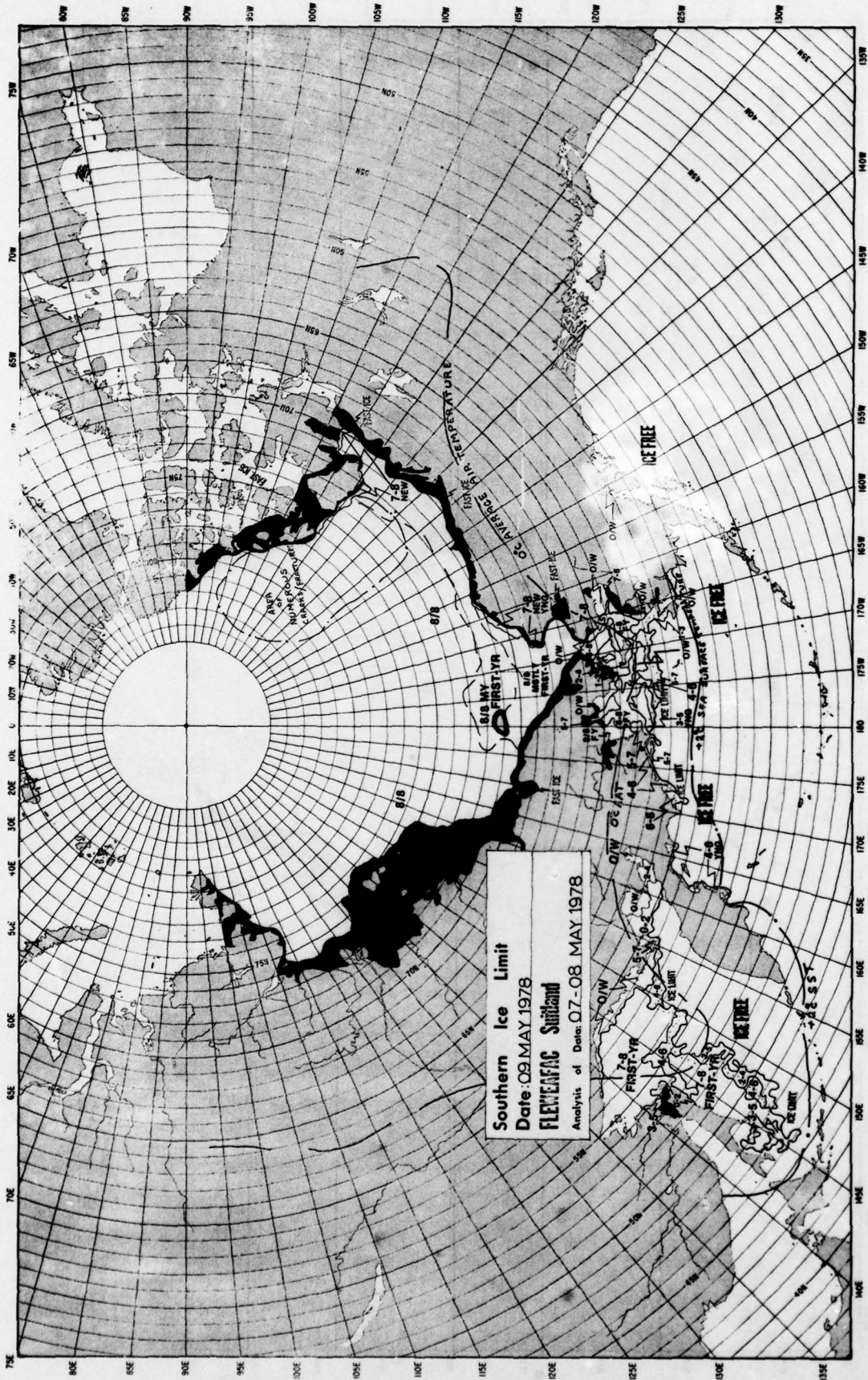
Southern Ice Limit
Date: 11 APR 1978
FLEWEAFAC **Switland**
 Analysis of Date: 08 - 11 APR 1978

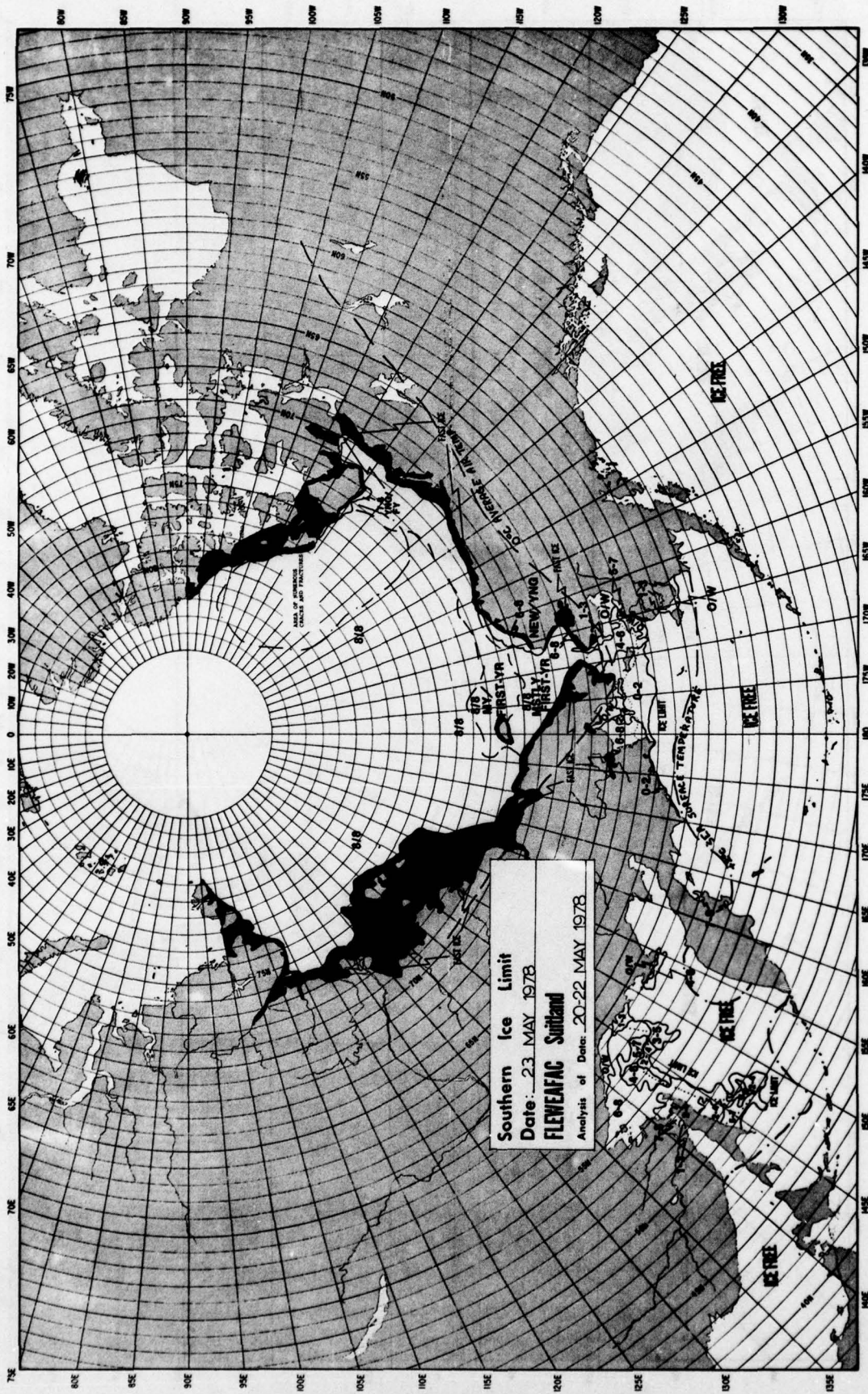


Southern Ice Limit
Date: 15-18 APR 1978
FLEWELFAC Suislaw
 Analysis of Date: 15-18 APR 1978

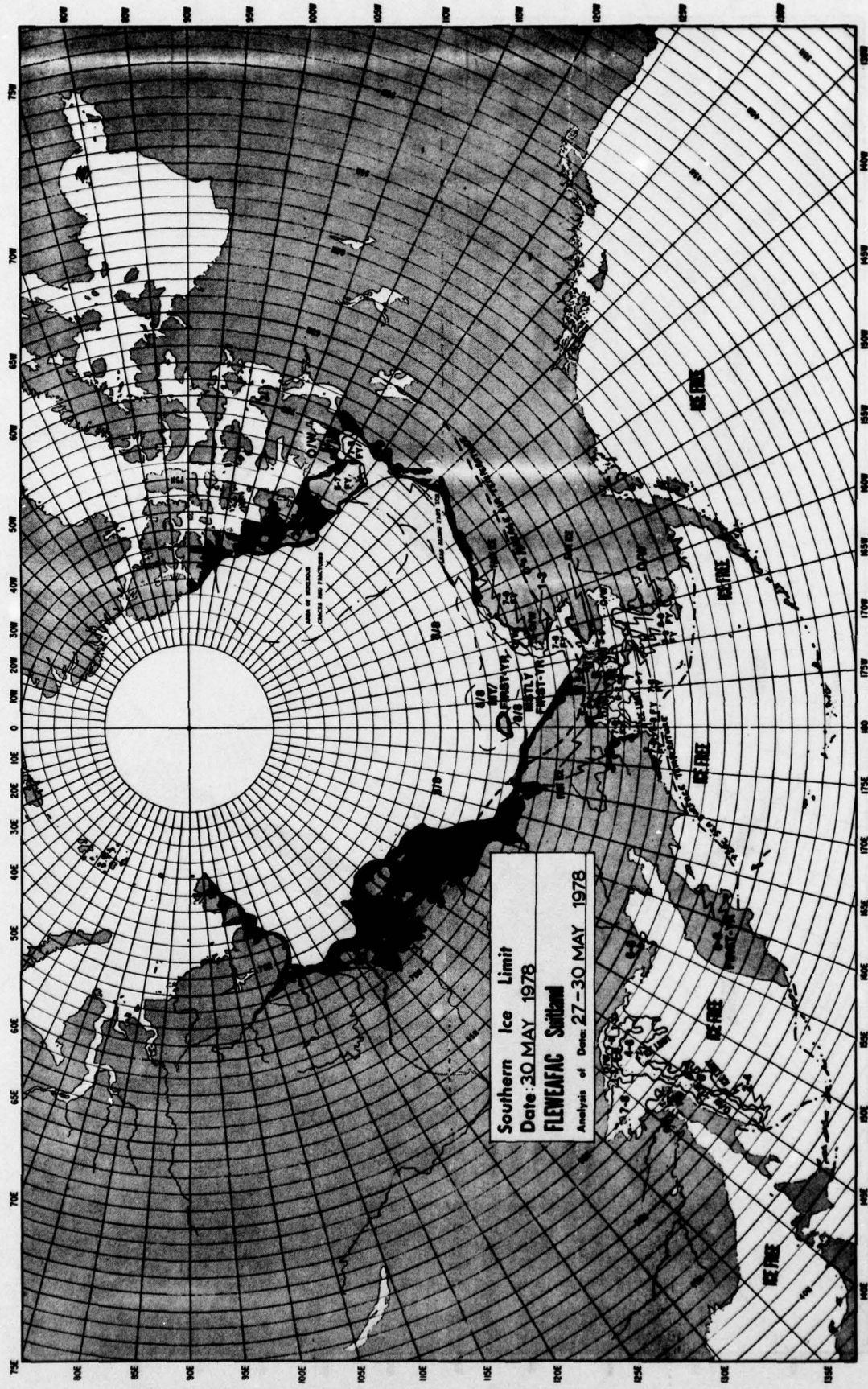


Southern Ice Limit
Date: 02 MAY 1978
FLEWELFAC Sutherland
 Analysis of Data: 29 APR - 02 MAY 1978





Southern Ice Limit
Date: 23 MAY 1978
FLEWEAFC SOUTLAND
Analysis of Date: 20-22 MAY 1978



Southern Ice Limit
Date: 30 MAY 1978
FLEWEAFAC Sailed
Analysis of Dates: 27-30 MAY 1978

AREA OF OBSERVATION
CHANGES AND TRANSITIONS

AREA MARKED BY ICE

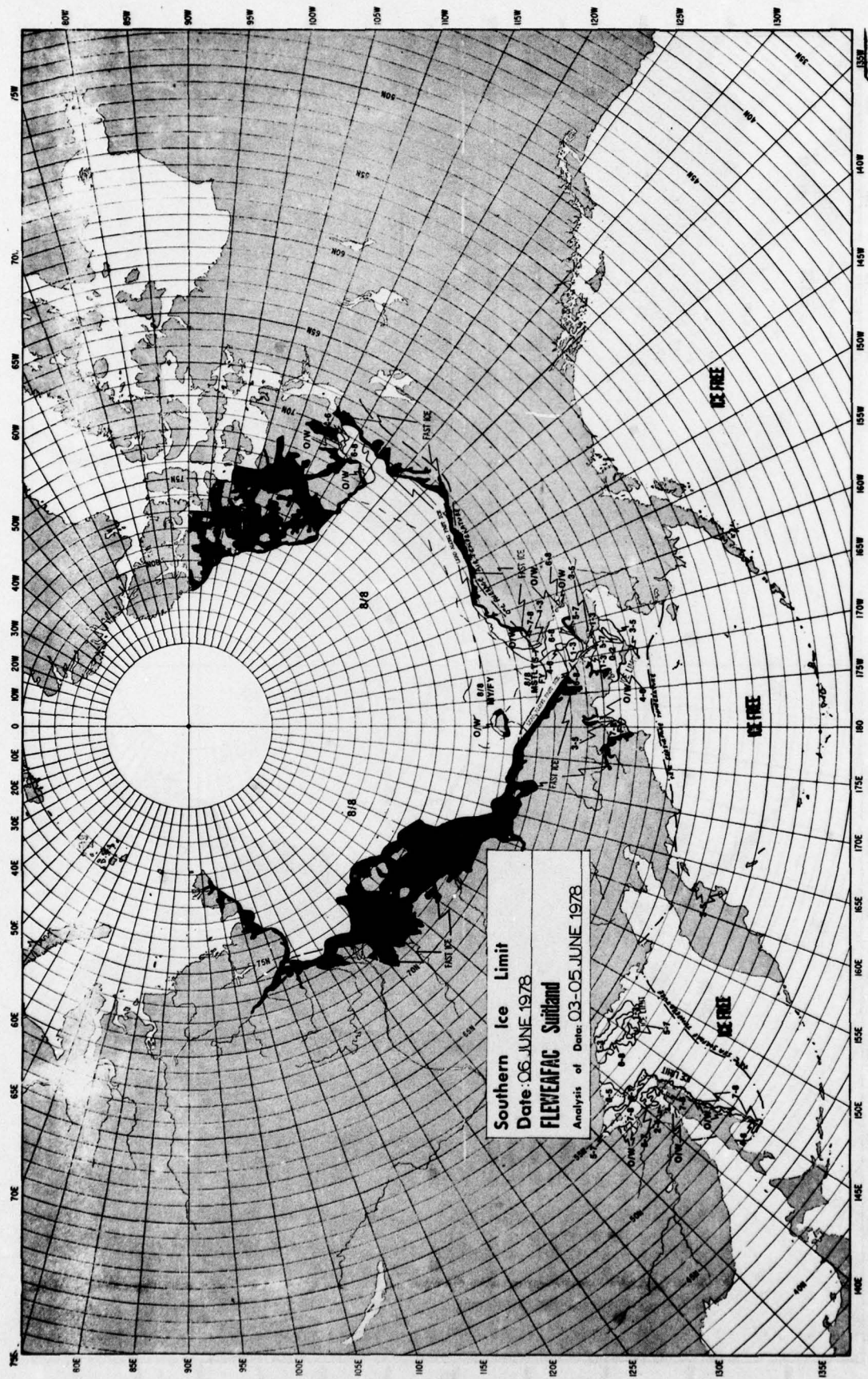
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ICE FREE

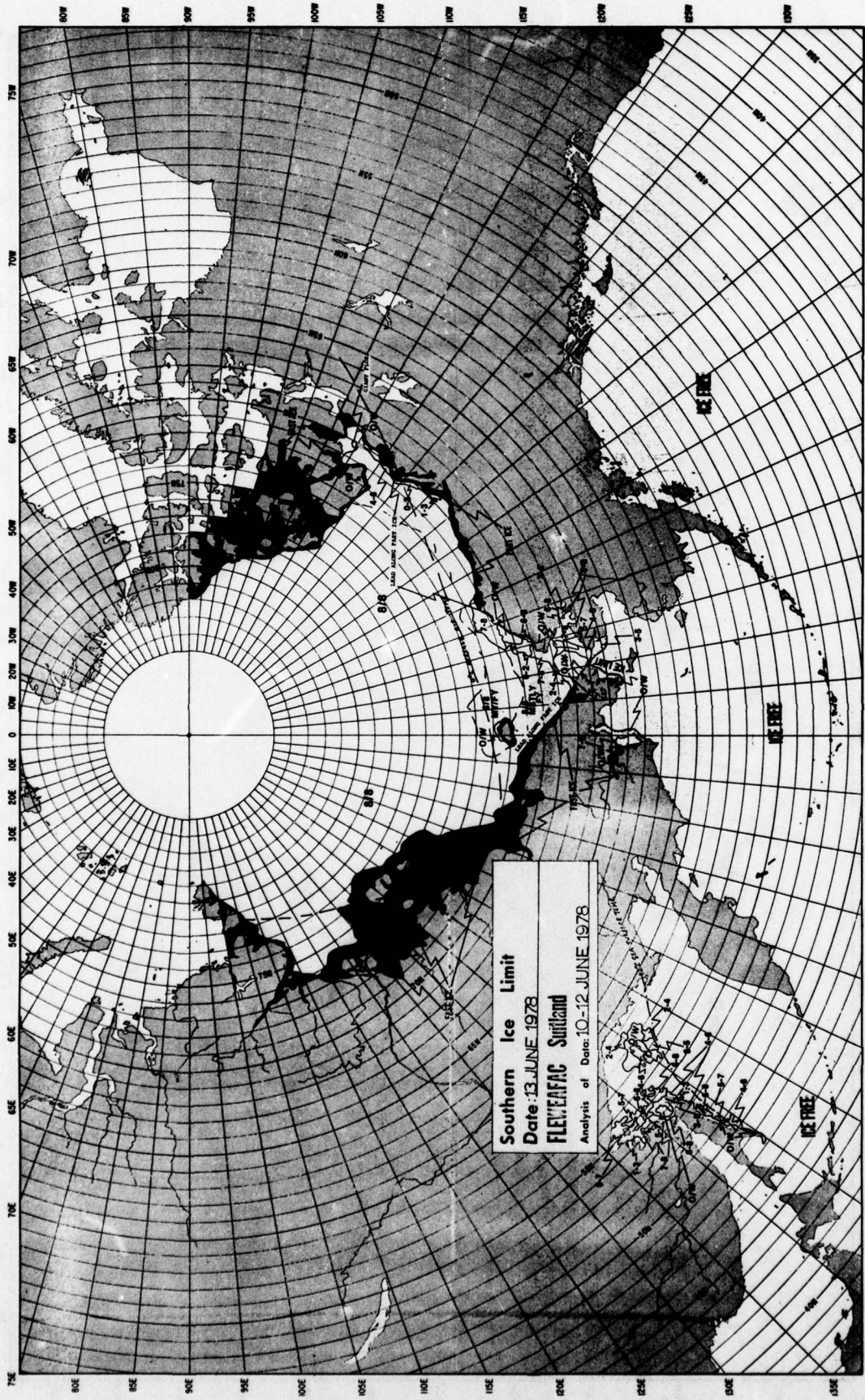
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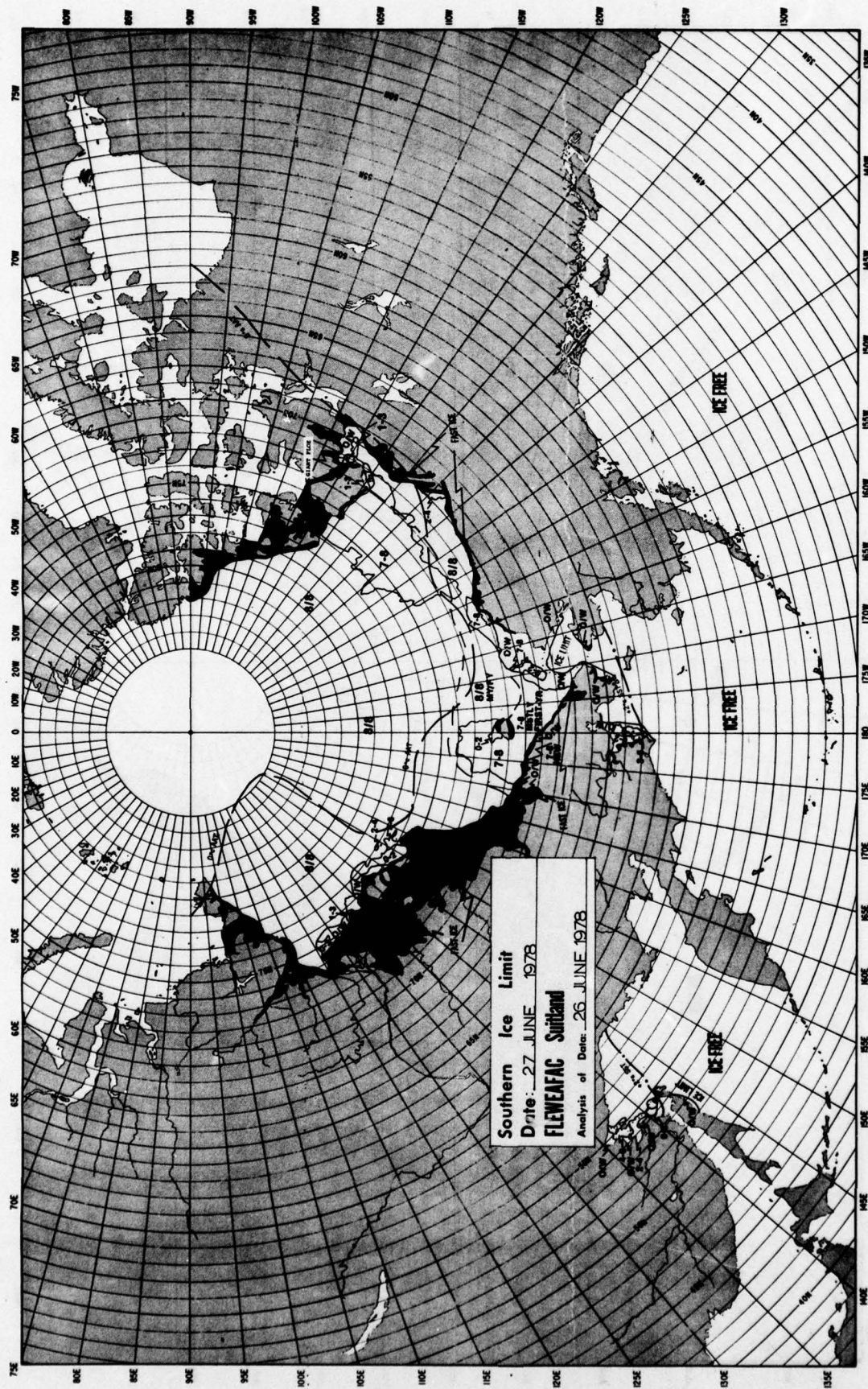
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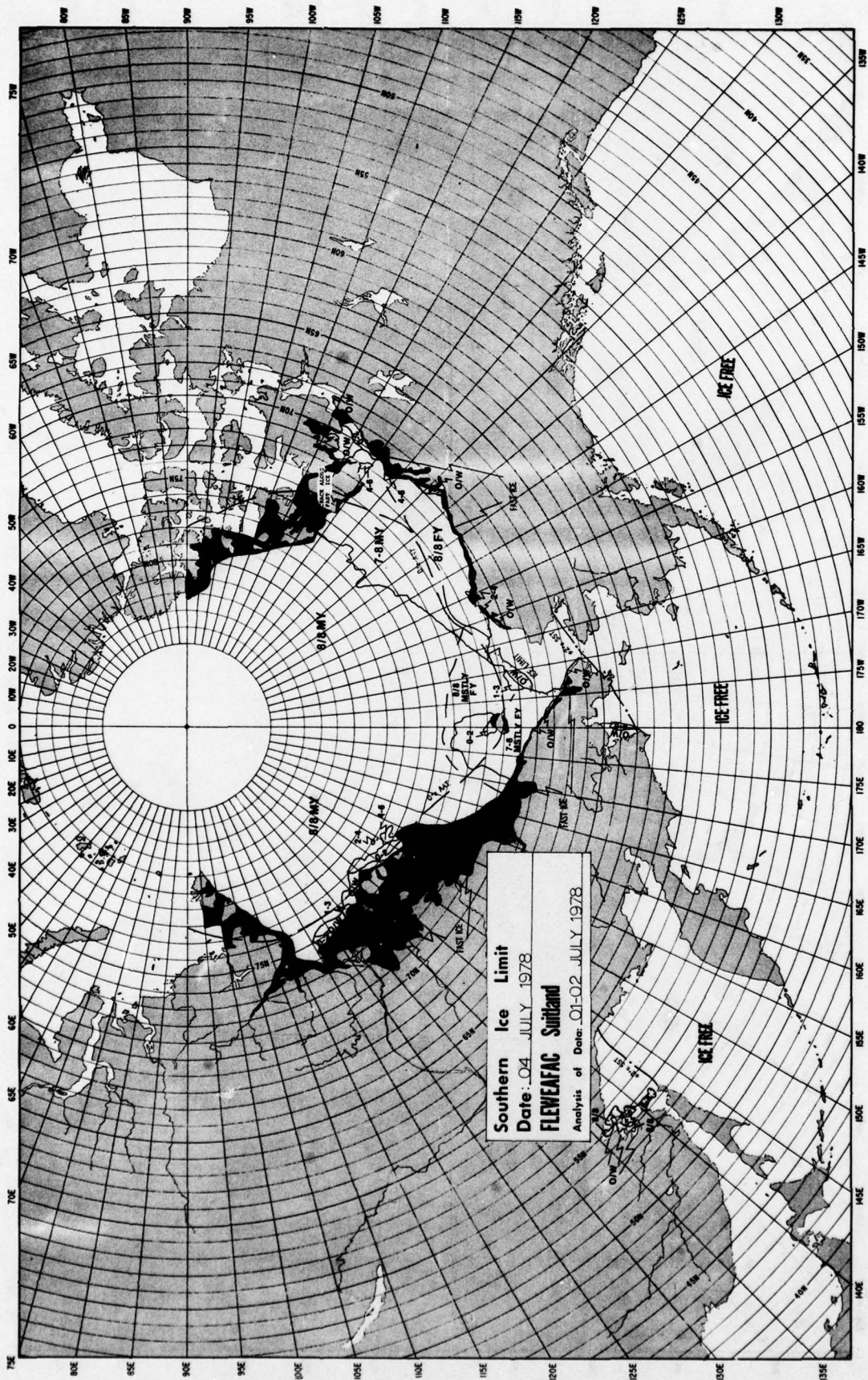


Southern Ice Limit
Date: 06 JUNE 1978
FLEWEAFAC Svalbard
Analysis of Data: 03-05 JUNE 1978

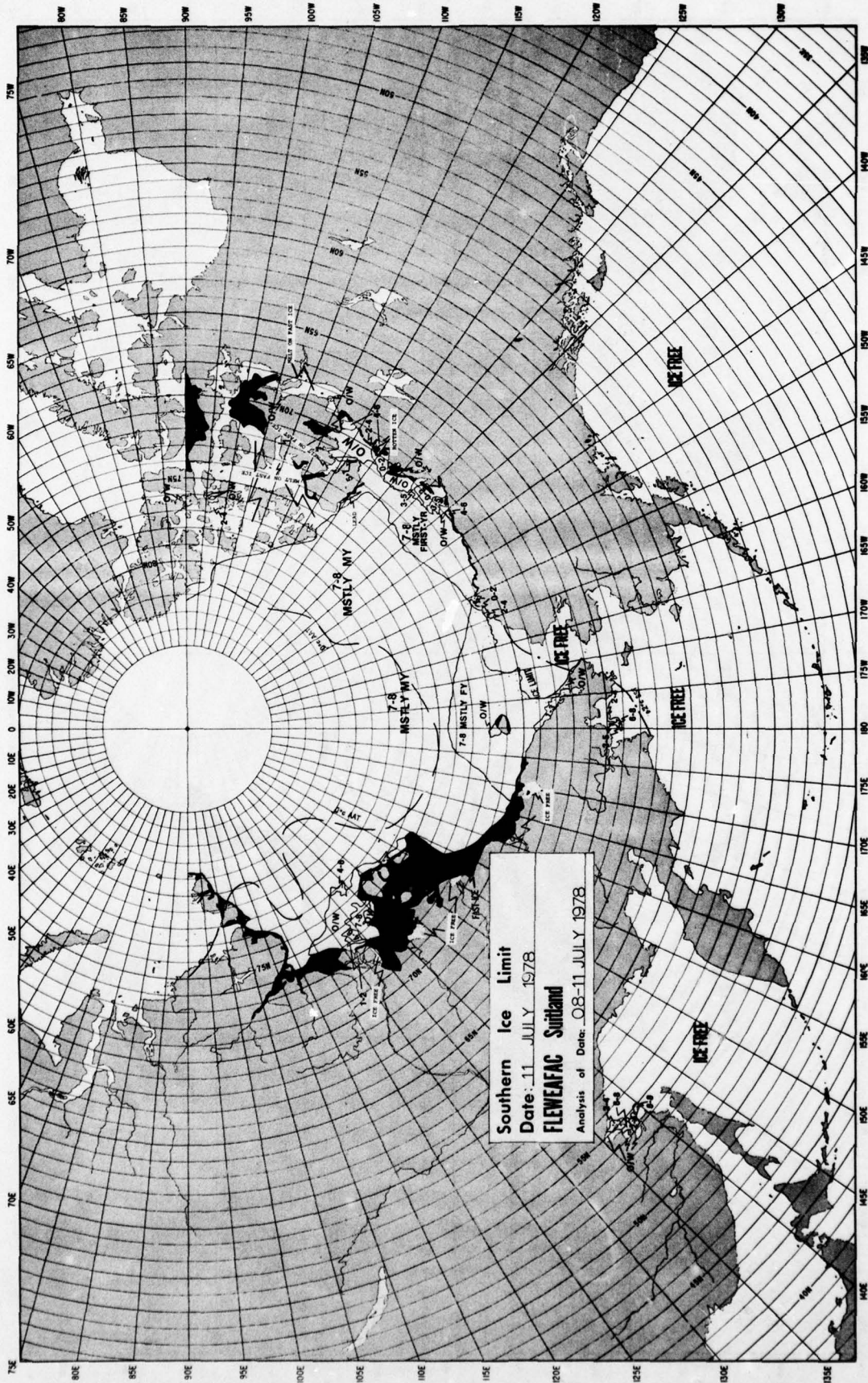


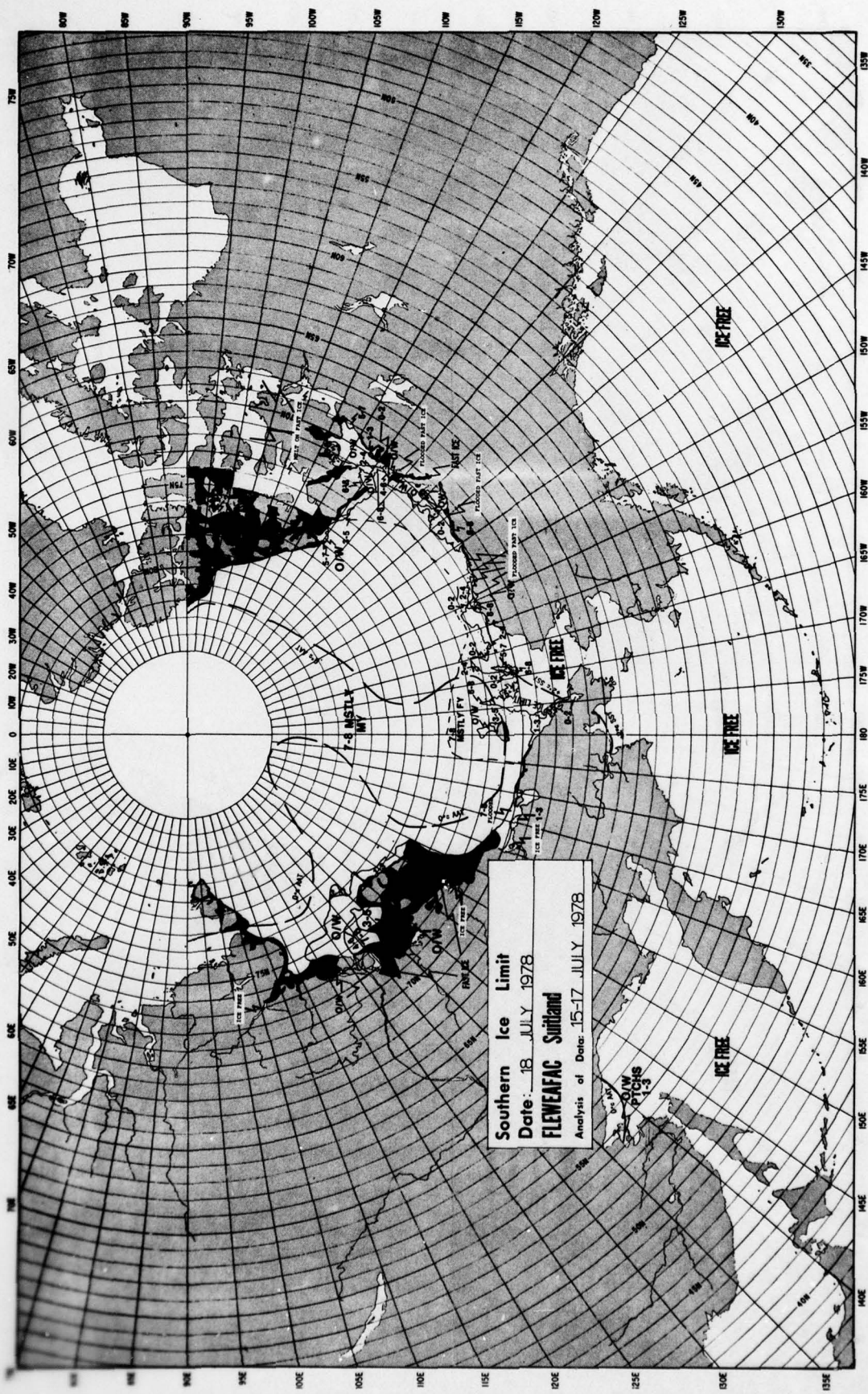
Southern Ice Limit
Date: 13 JUNE 1978
FLEWEAFAC Svalbard
Analysis of Data: 10-12 JUNE 1978





Southern Ice Limit
 Date: 04 JULY 1978
FLEVEAFAC **Switland**
 Analysis of Data: 01-02 JULY 1978





Southern Ice Limit
 Date: 18 JULY 1978
 FLEWELFAC Sutherland
 Analysis of Data: 15-17 JULY 1978

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 13

ICE FREE

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7-8 MISTLE MAY

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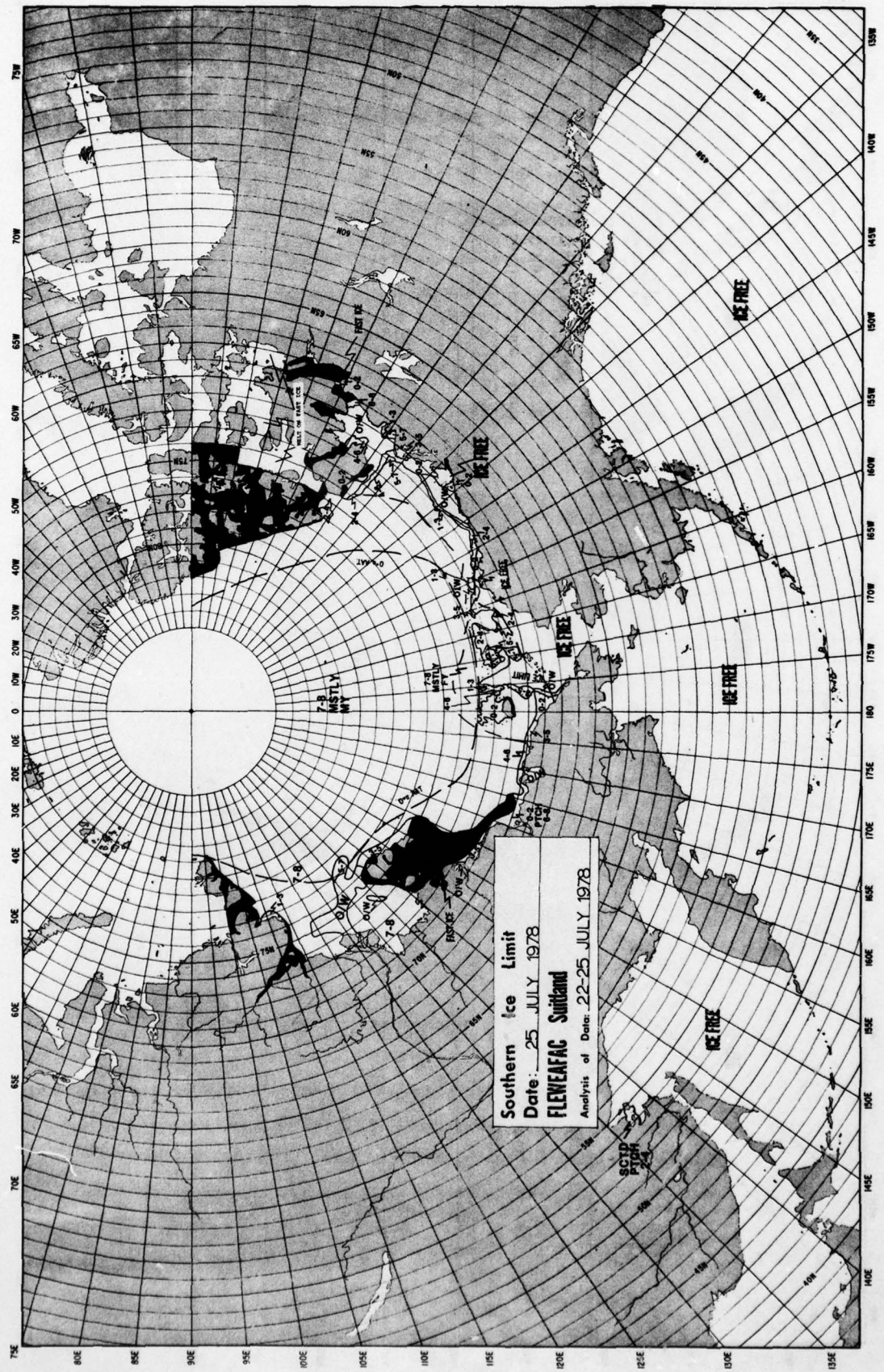
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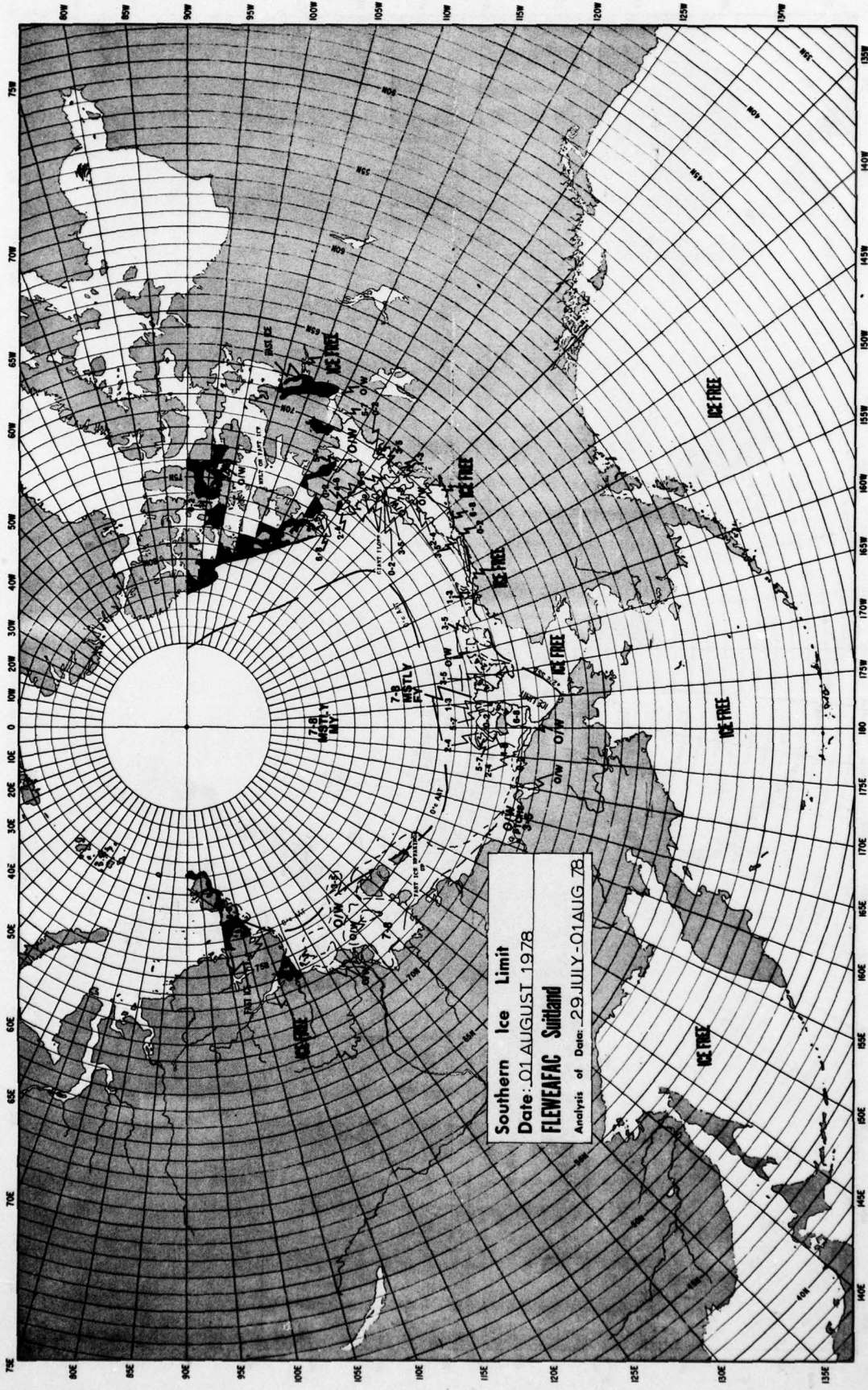
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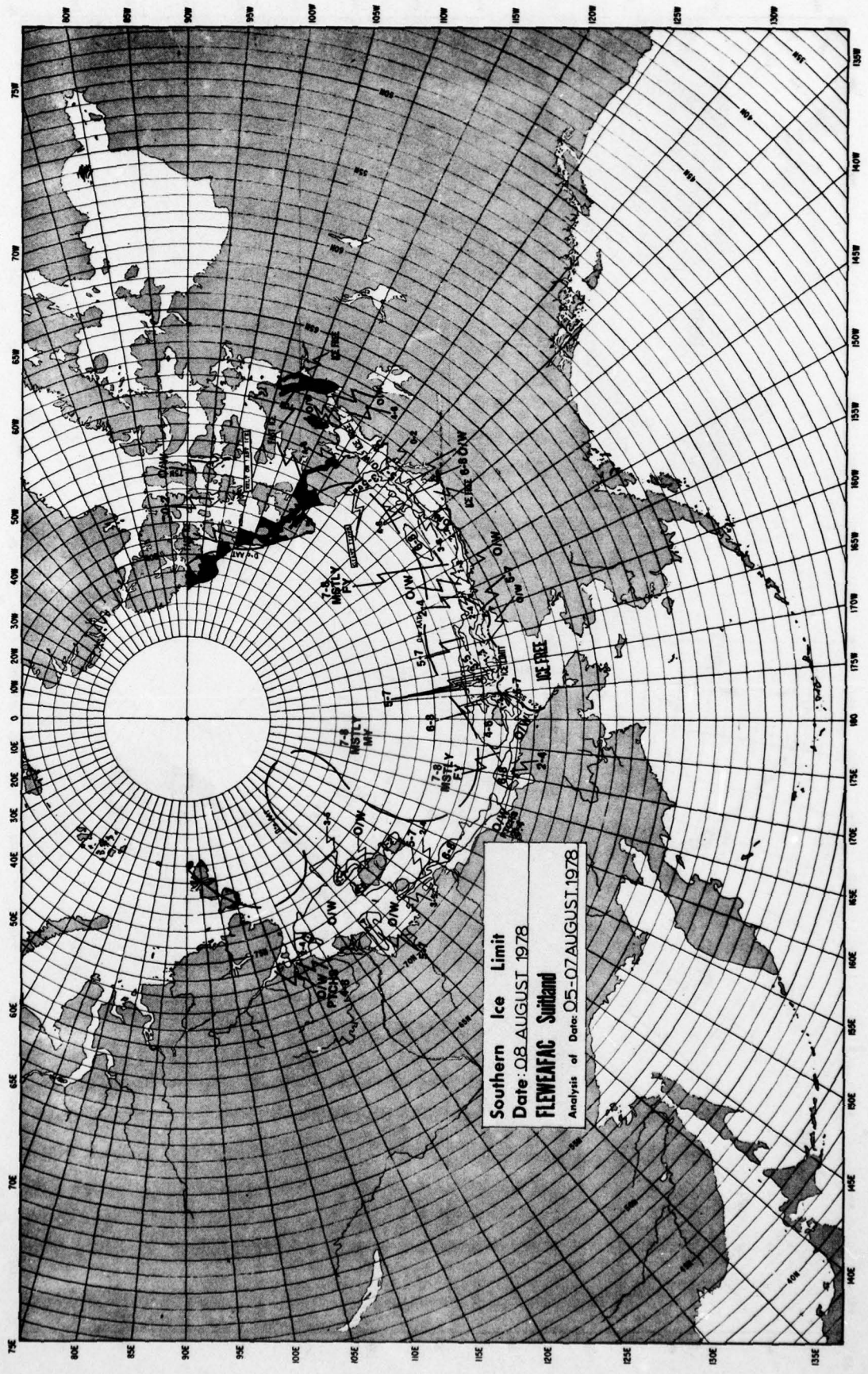
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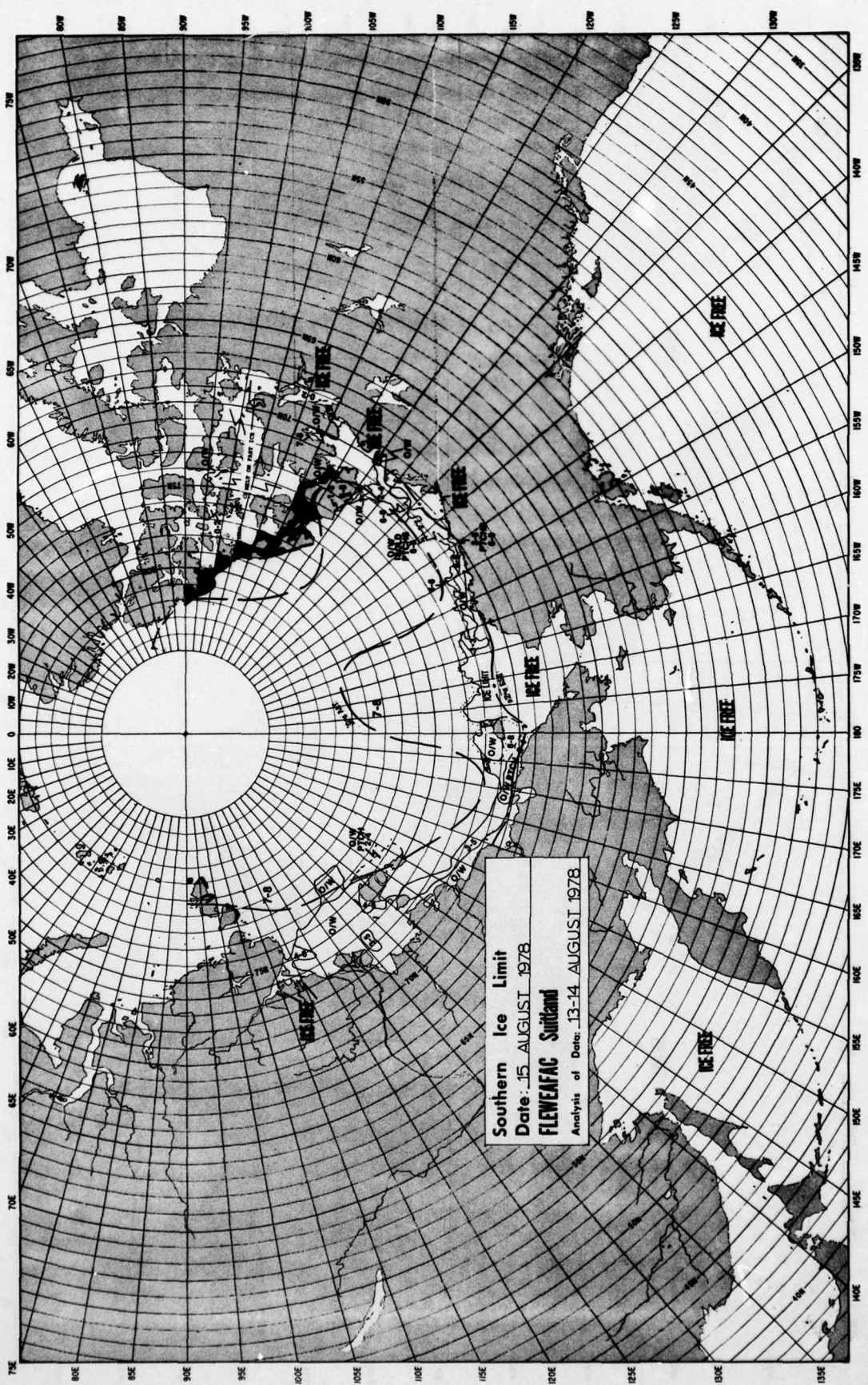


Southern Ice Limit
 Date: 25 JULY 1978
FLENEAFAC Svalbard
 Analysis of Data: 22-25 JULY 1978

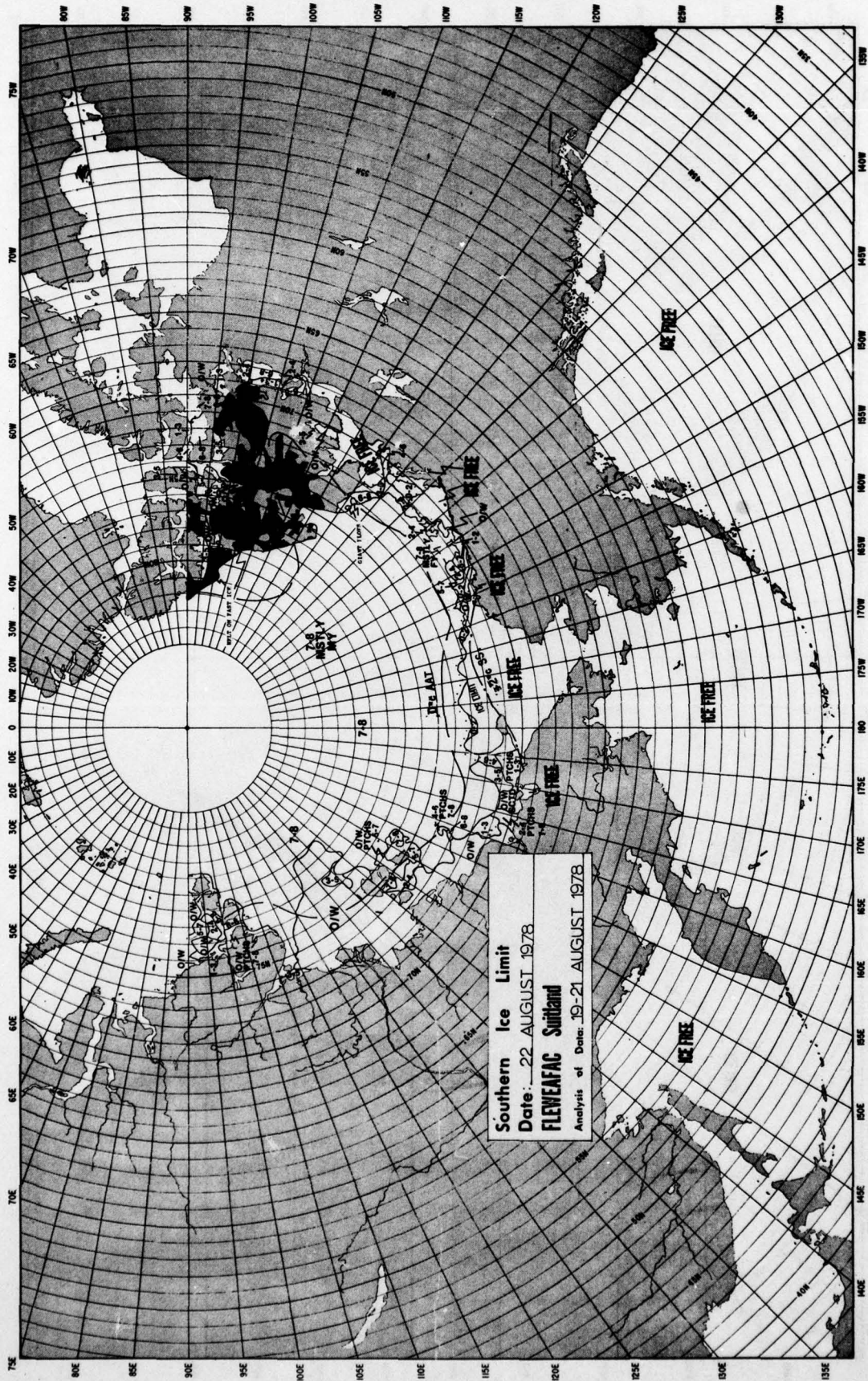


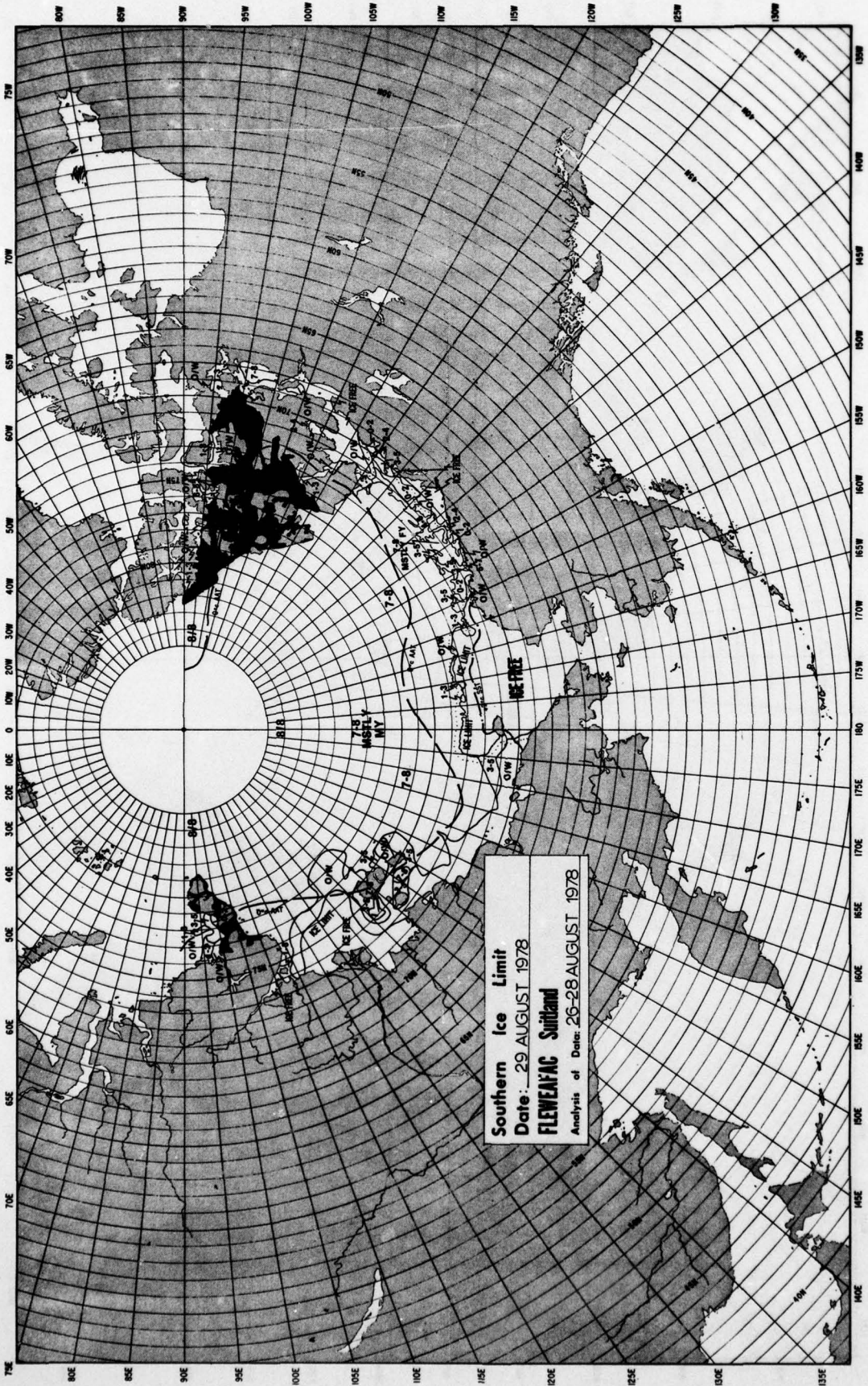


Southern Ice Limit
Date: 08 AUGUST 1978
FLEWELAC Sutherland
Analysis of Date: 05-07 AUGUST 1978

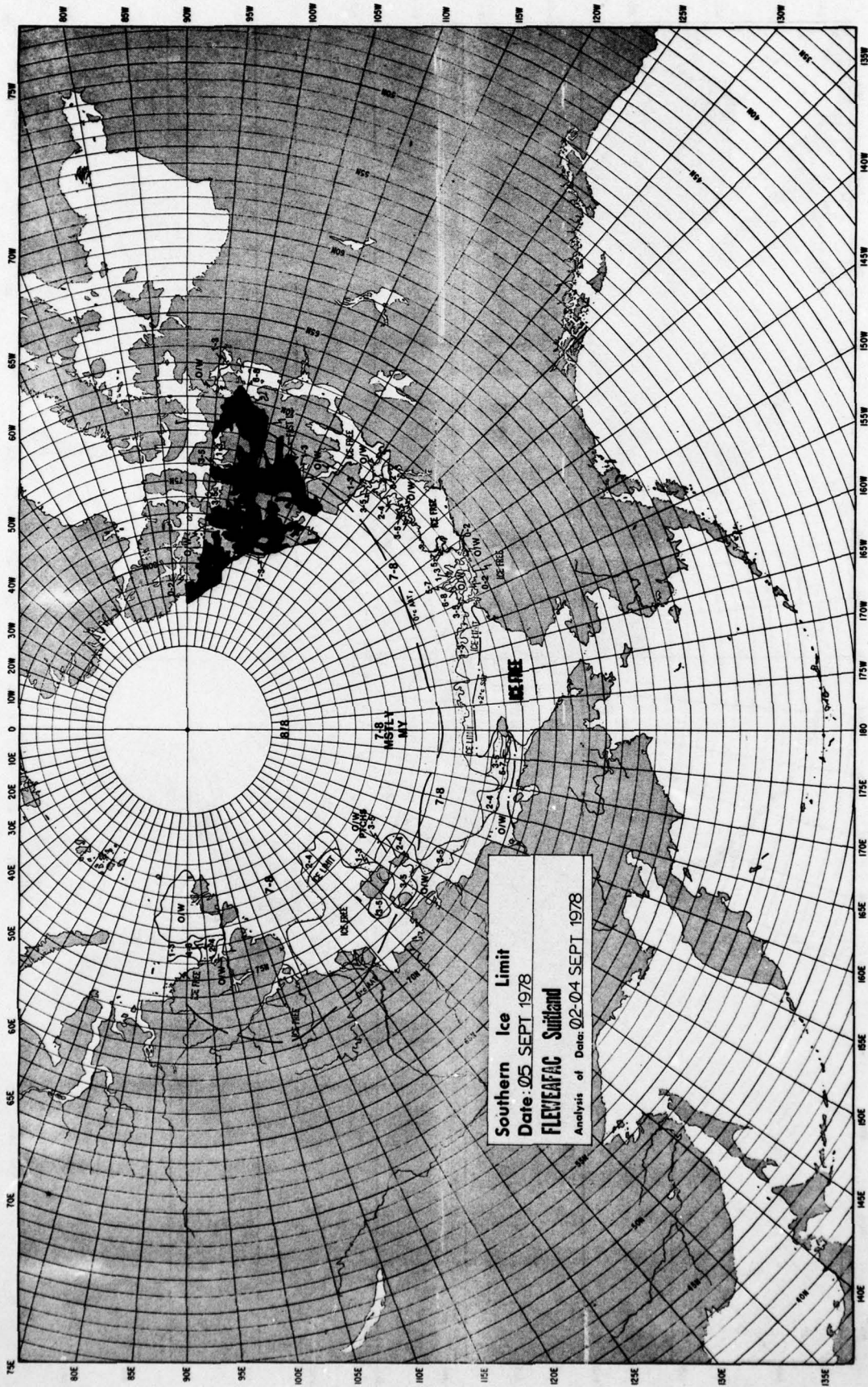


Southern Ice Limit
Date: 15 AUGUST 1978
FLEWENAC Suitland
Analysis of Data: 13-14 AUGUST 1978

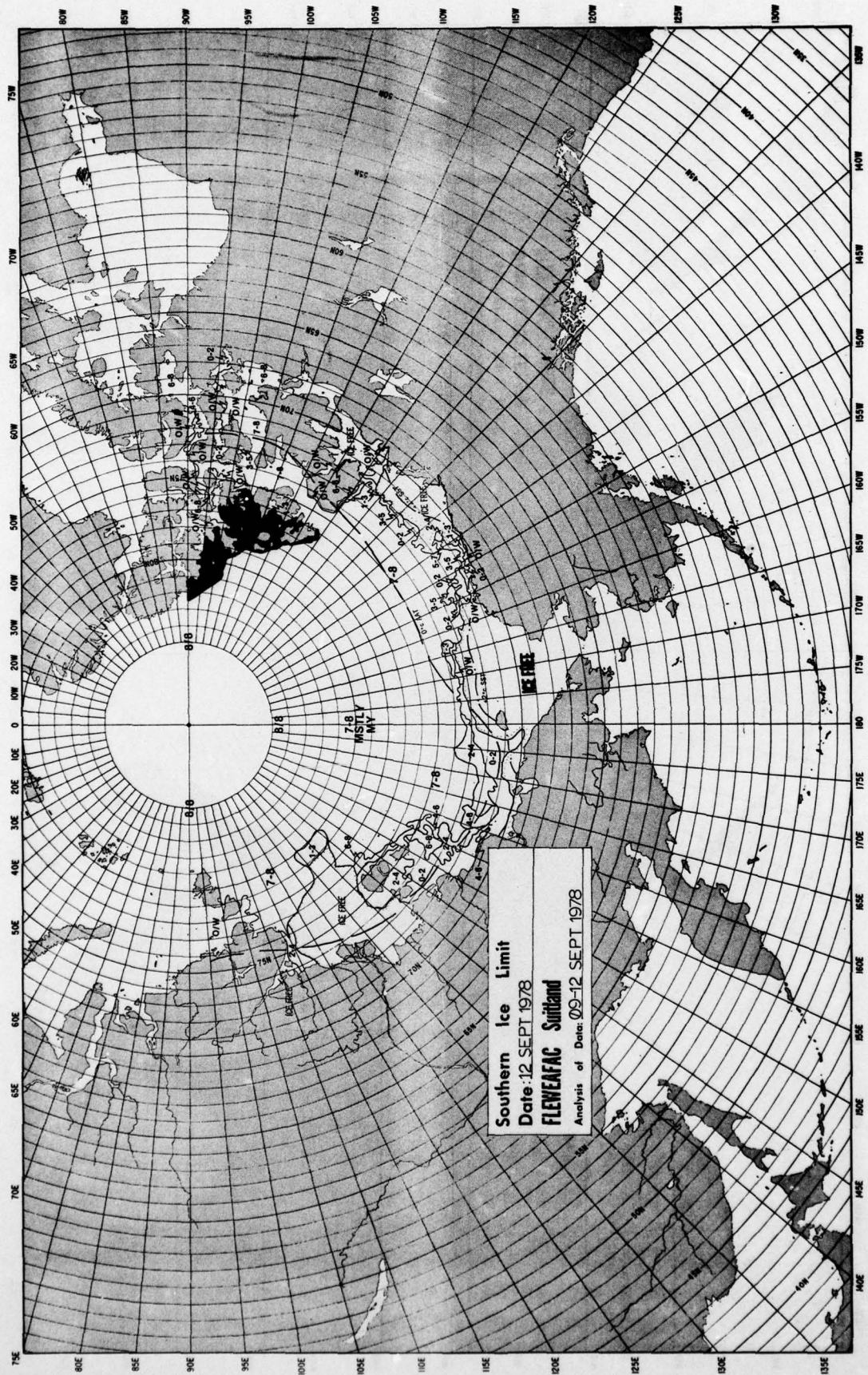




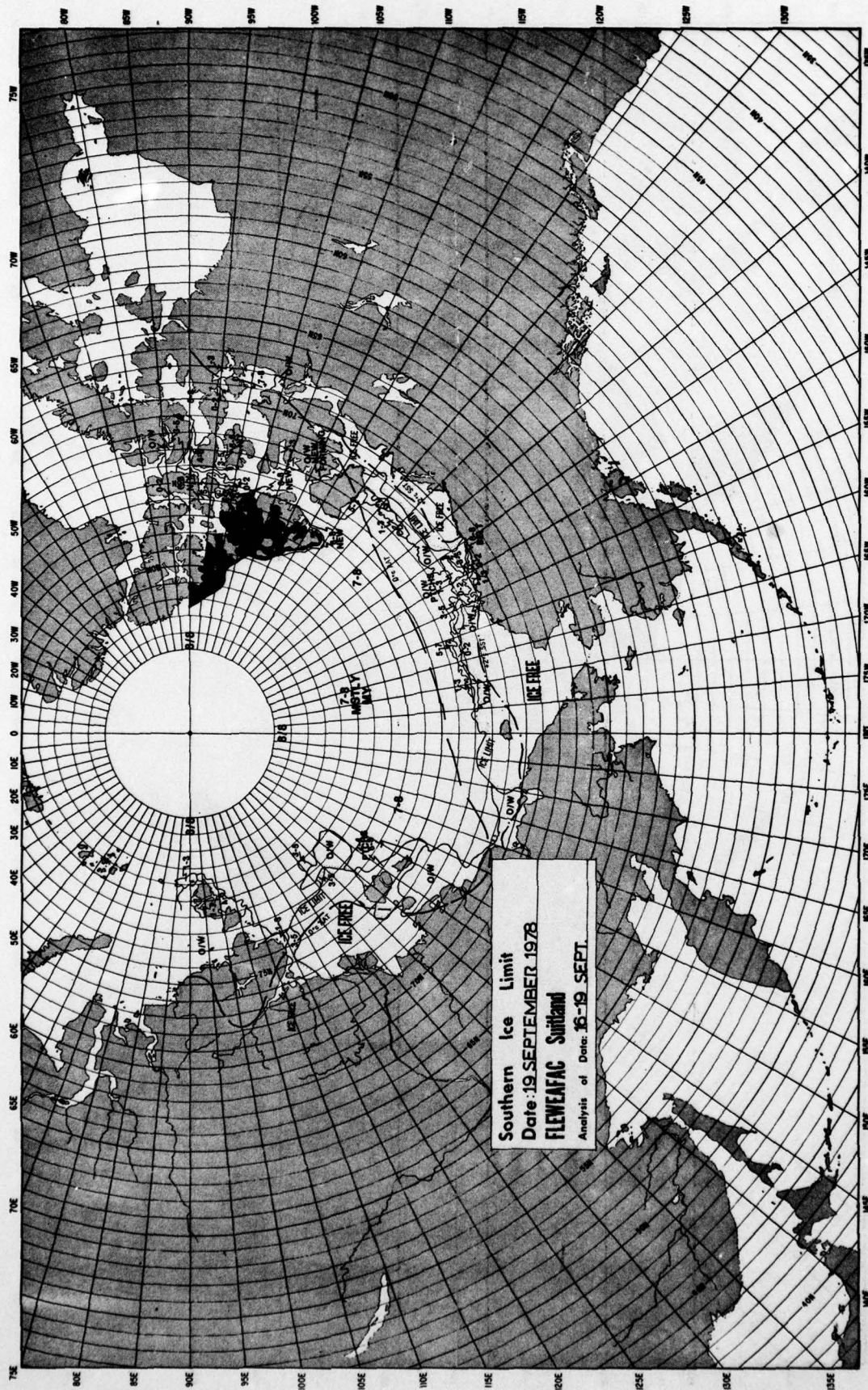
Southern Ice Limit
Date: 29 AUGUST 1978
FLEWEAFAC Sutherland
Analysis of Date: 26-28 AUGUST 1978

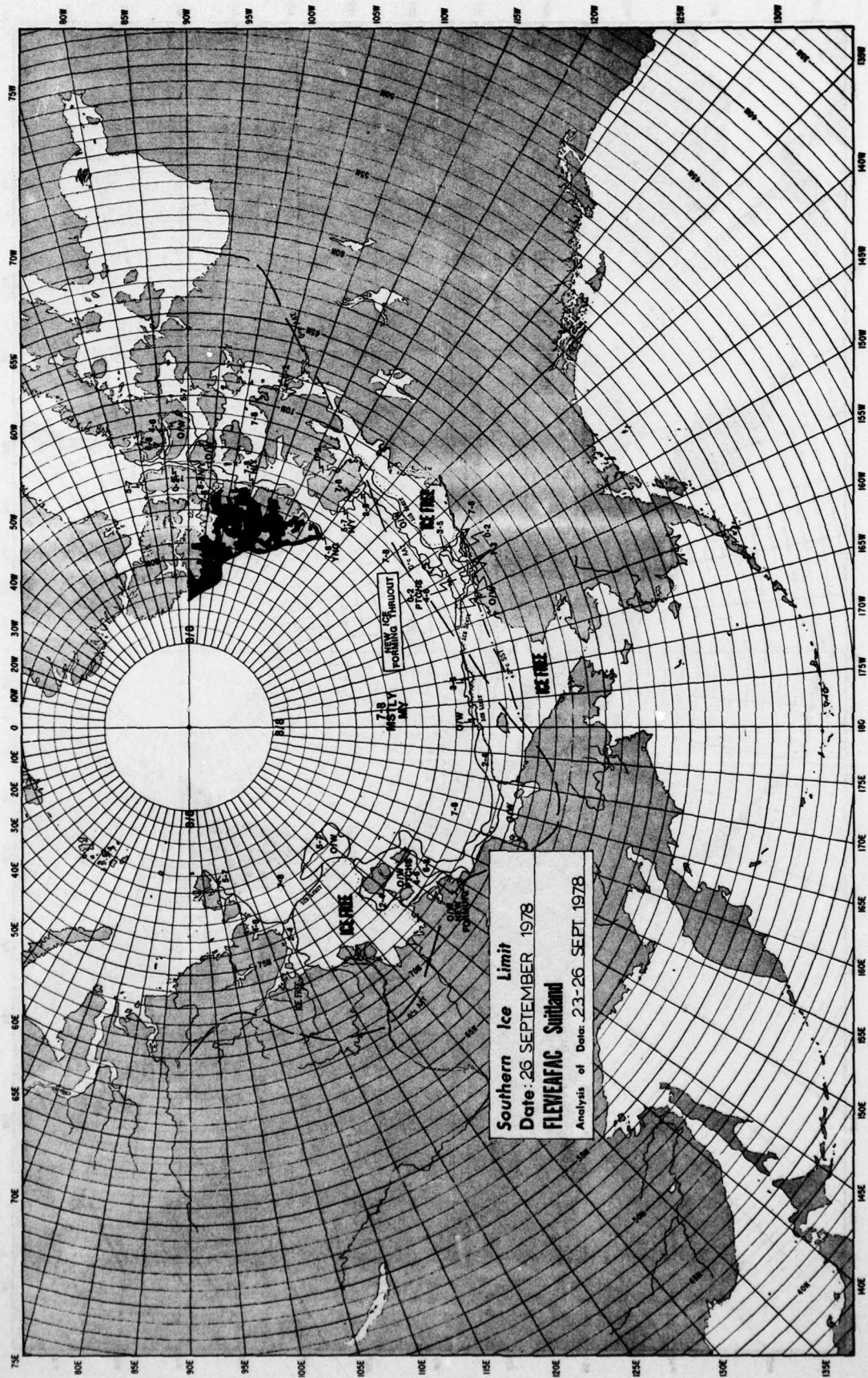


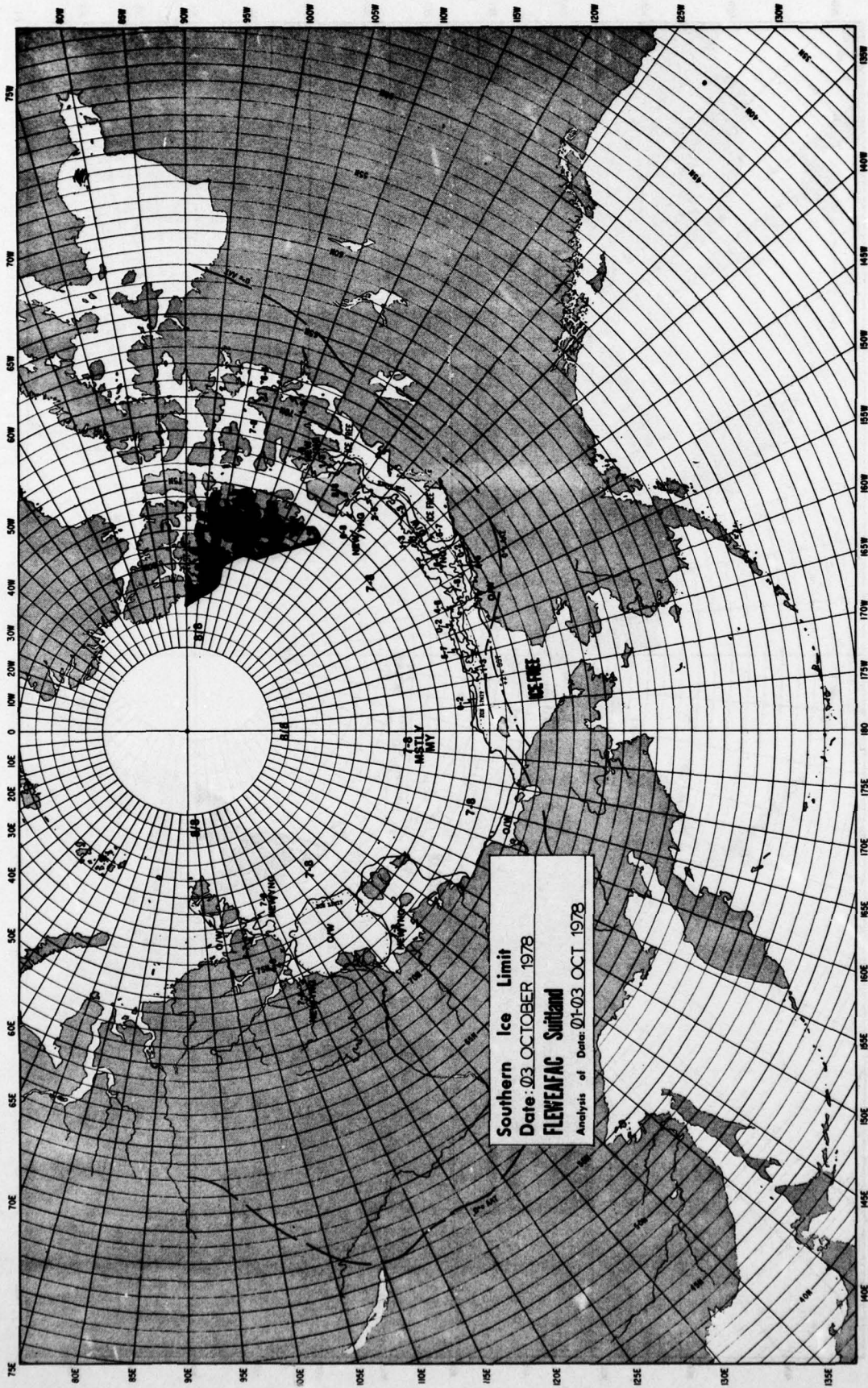
Southern Ice Limit
Date: 05 SEPT 1978
FLEVEAFAC Svalbard
Analysis of Data: 02-04 SEPT 1978



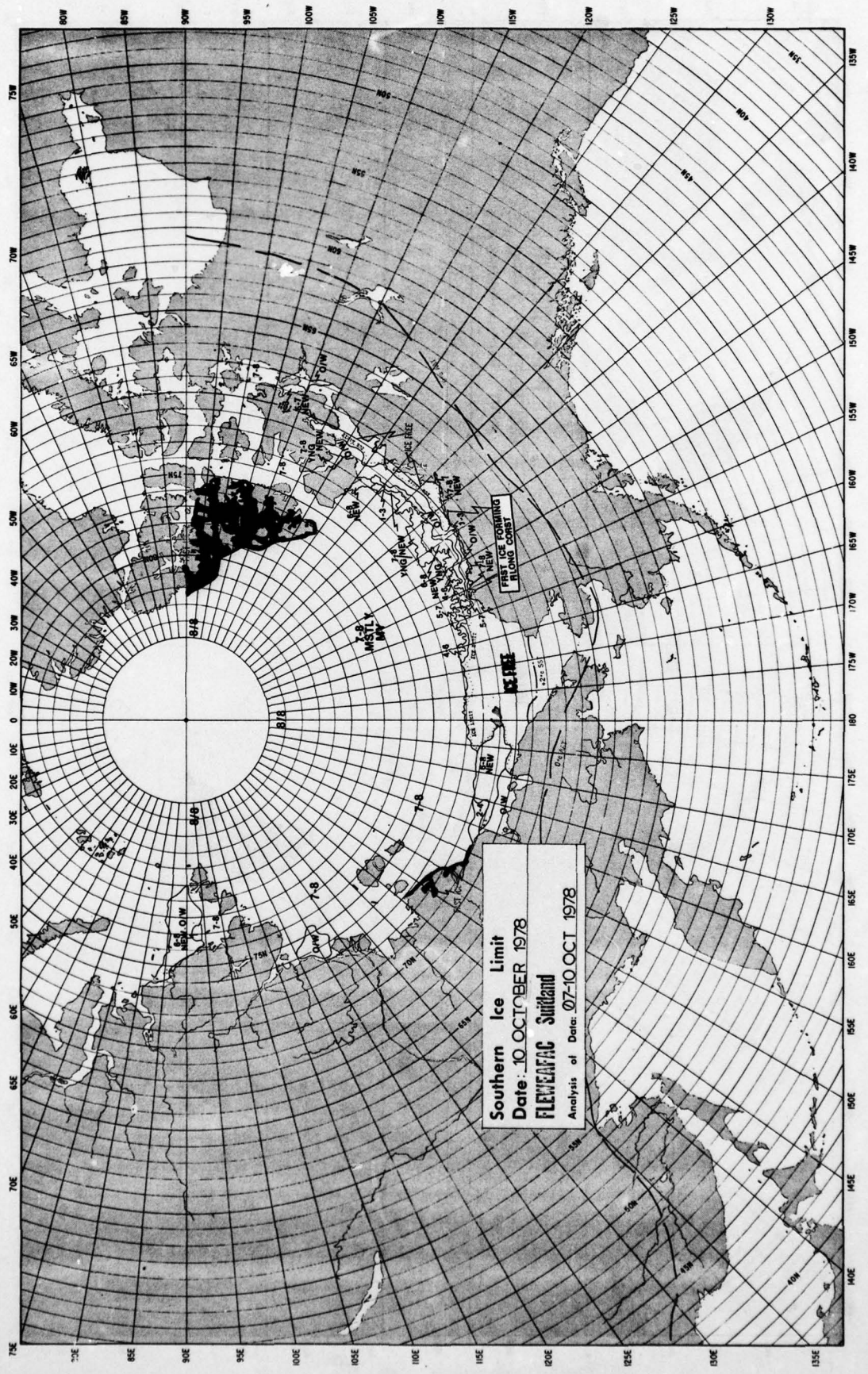
Southern Ice Limit
Date: 12 SEPT 1978
FLEWENAC Svalbard
Analysis of Date: 09-12 SEPT 1978





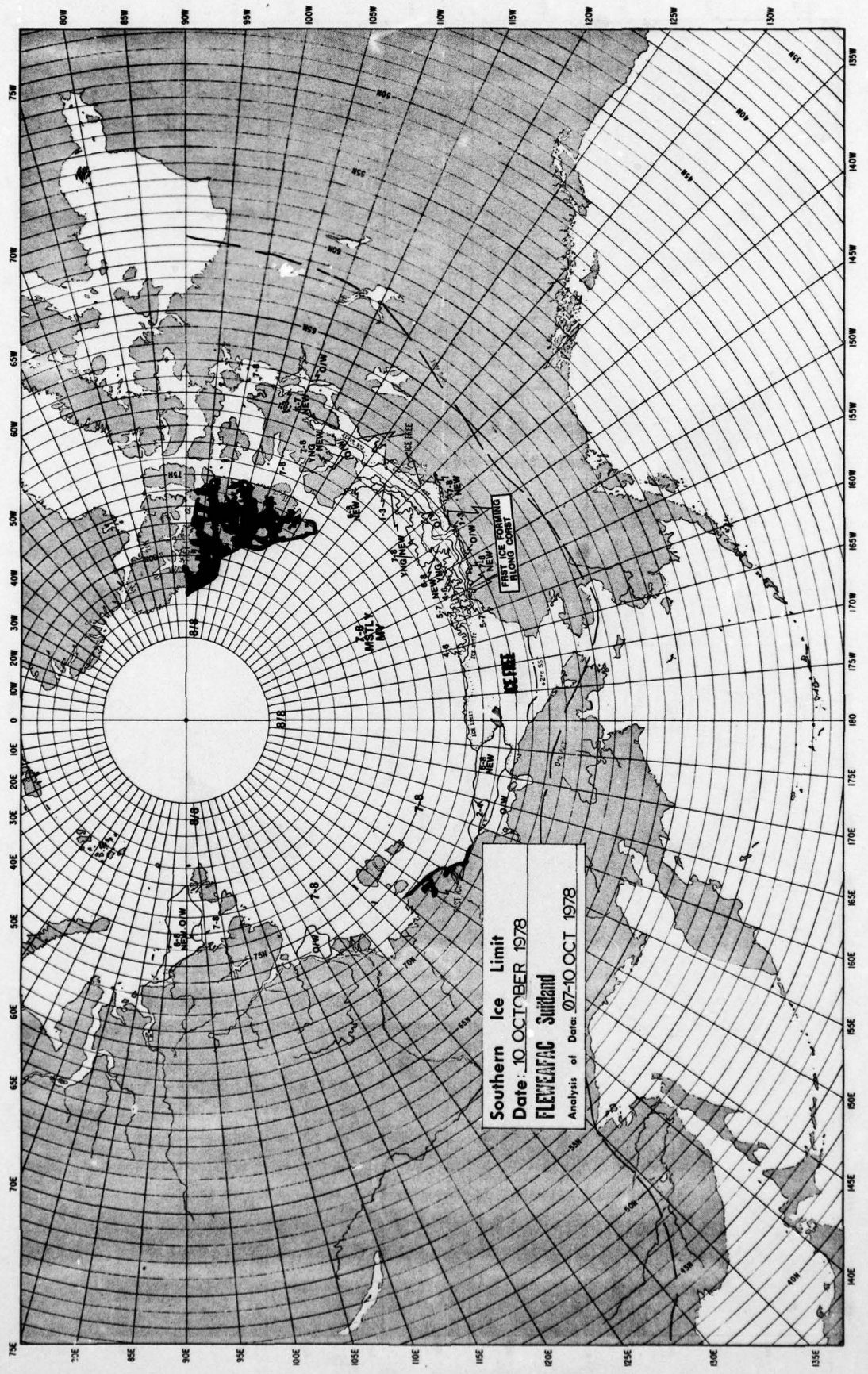


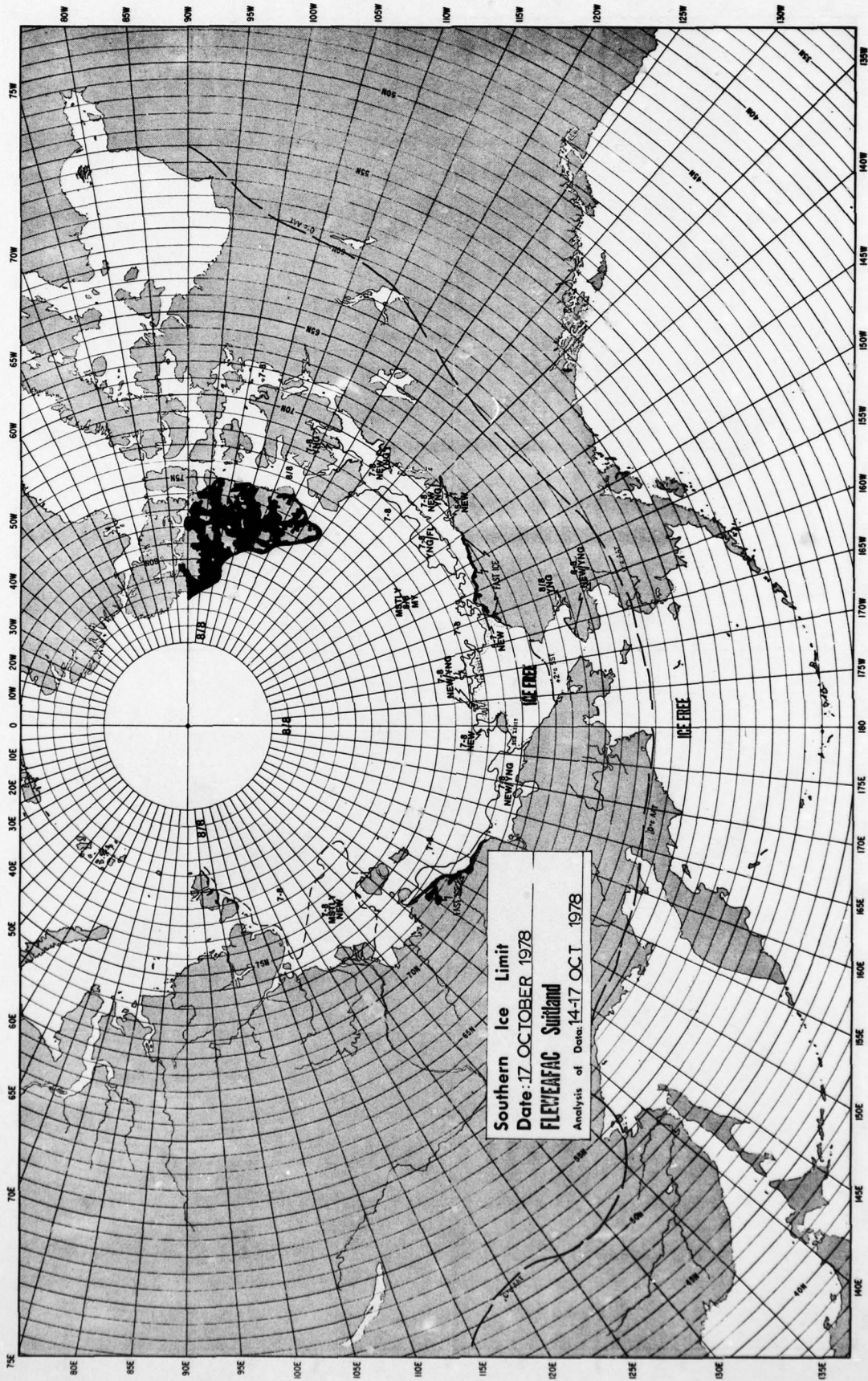
Southern Ice Limit
Date: 03 OCTOBER 1978
FLEWEAFAC Svalbard
Analysis of Data: 01-03 OCT 1978



Southern Ice Limit
Date: 10 OCTOBER 1978
FLEWEAFAC Suislaw
Analysis of Data: 07-10 OCT 1978

FIRST ICE OBSERVED
FLOWING COAST





AD-A072 979

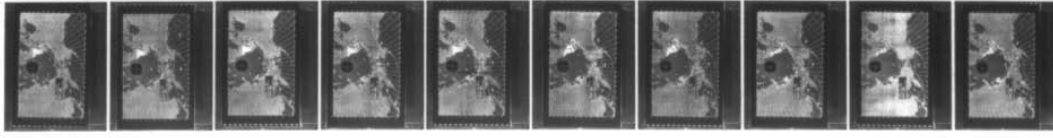
FLEET WEATHER FACILITY SUITLAND MD
EASTERN-WESTERN ARCTIC SEA ICE ANALYSIS.(U)
1978

F/G 8/12

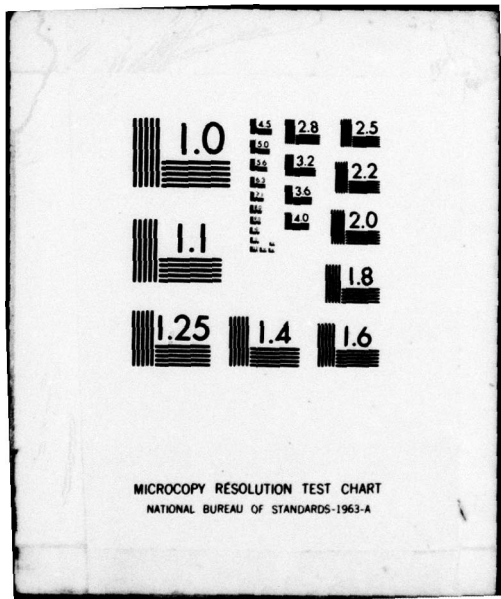
UNCLASSIFIED

NL

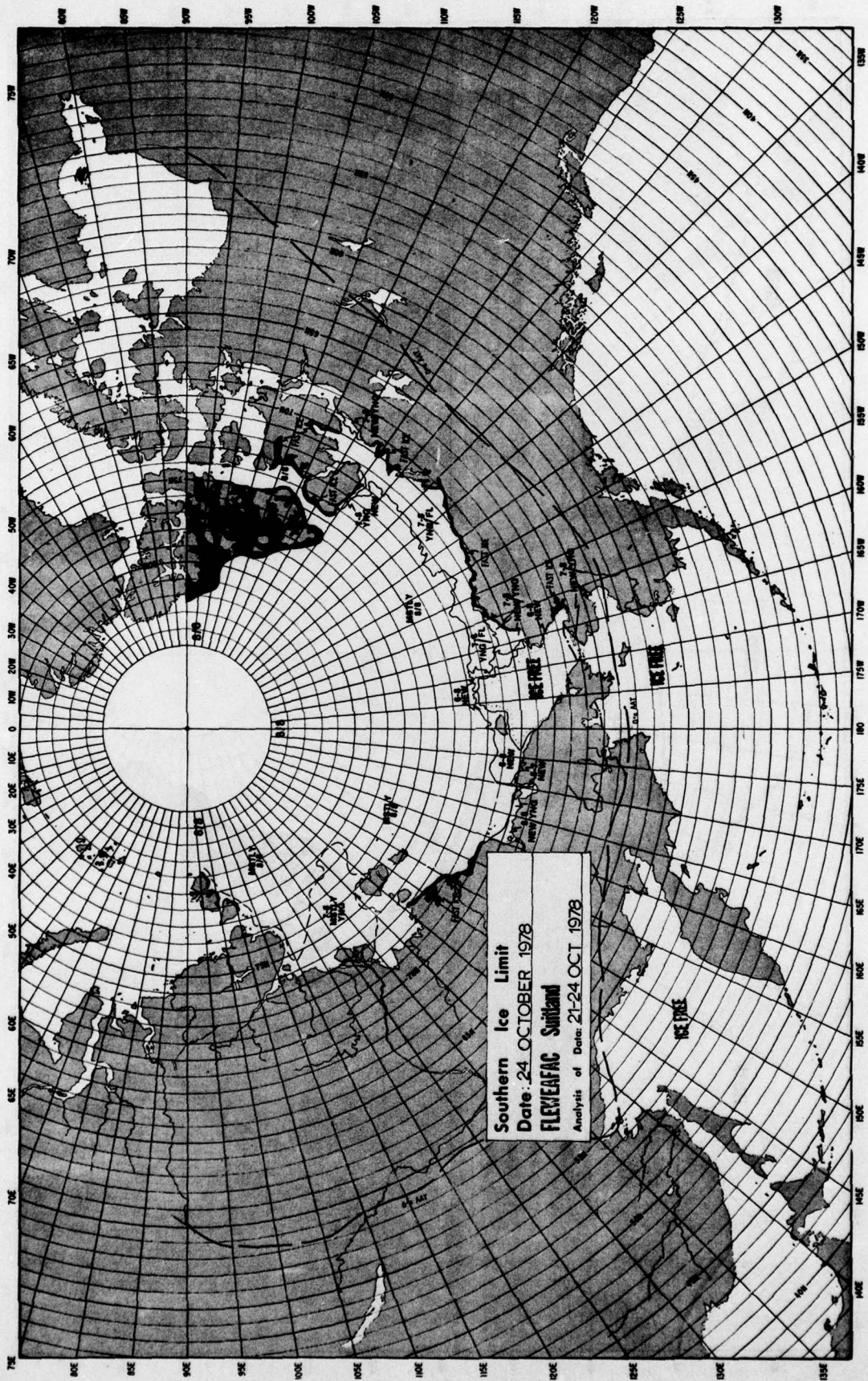
2 of 2
AD
A072979



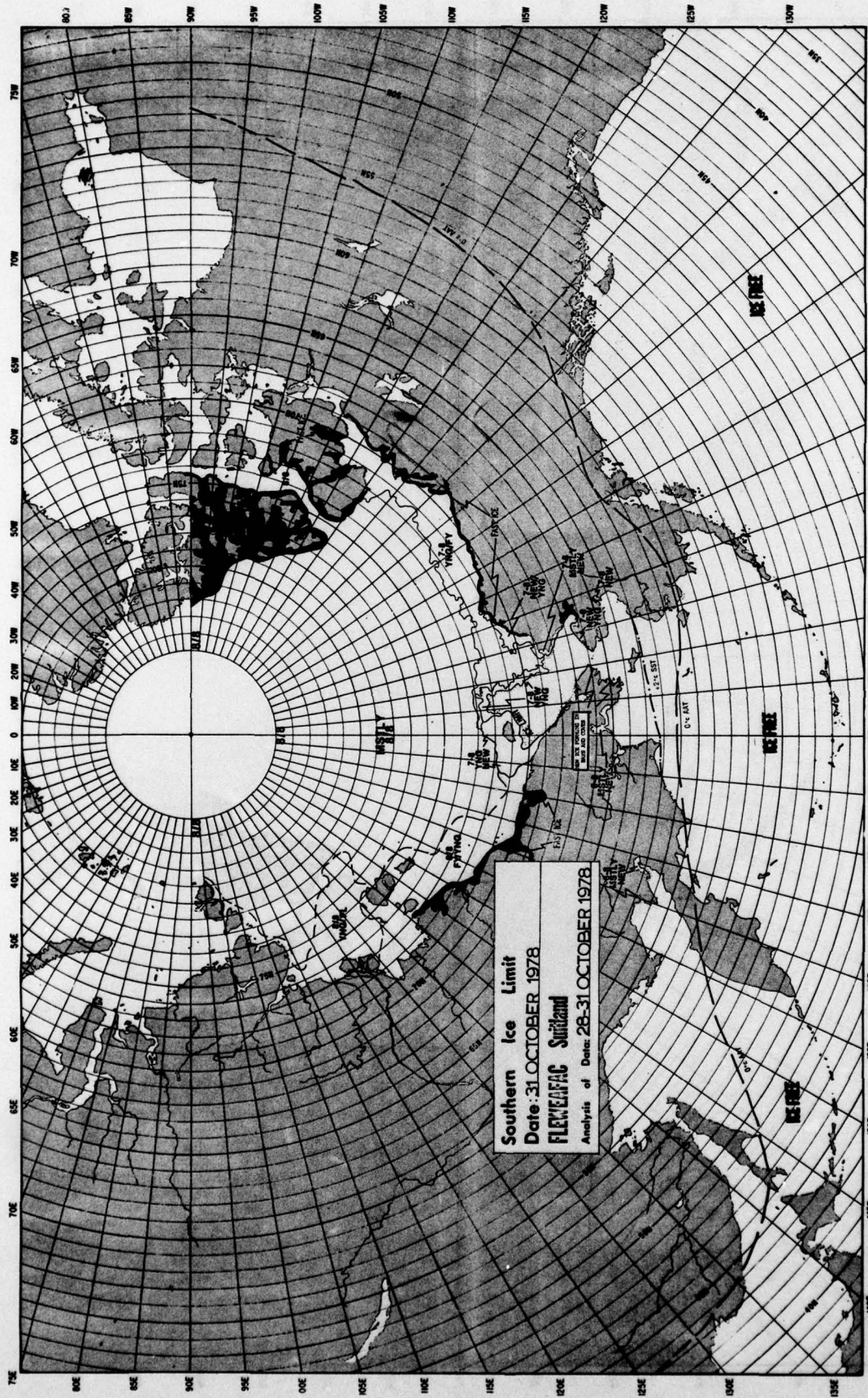
END
DATE
FILMED
9-79
DDC



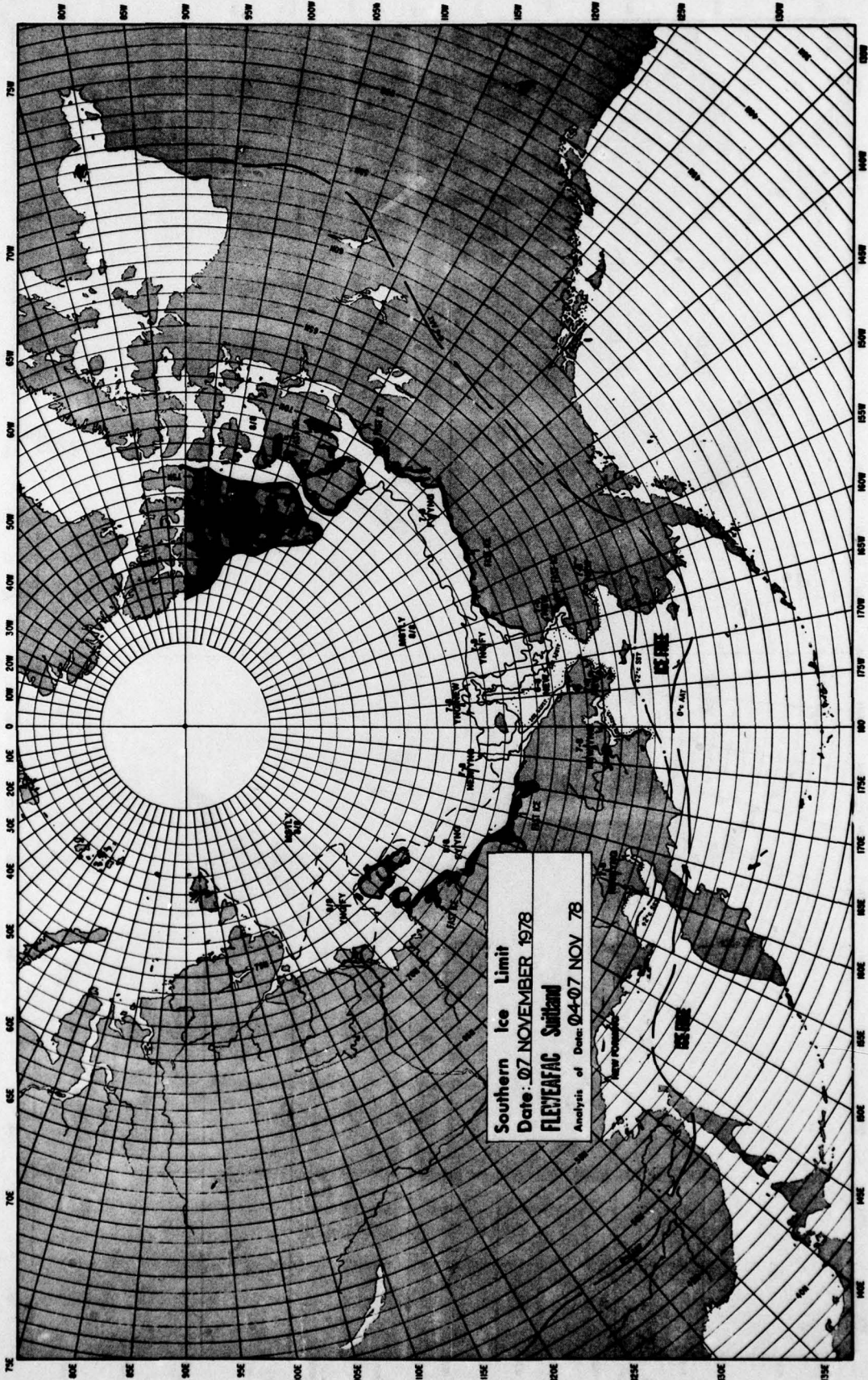
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A



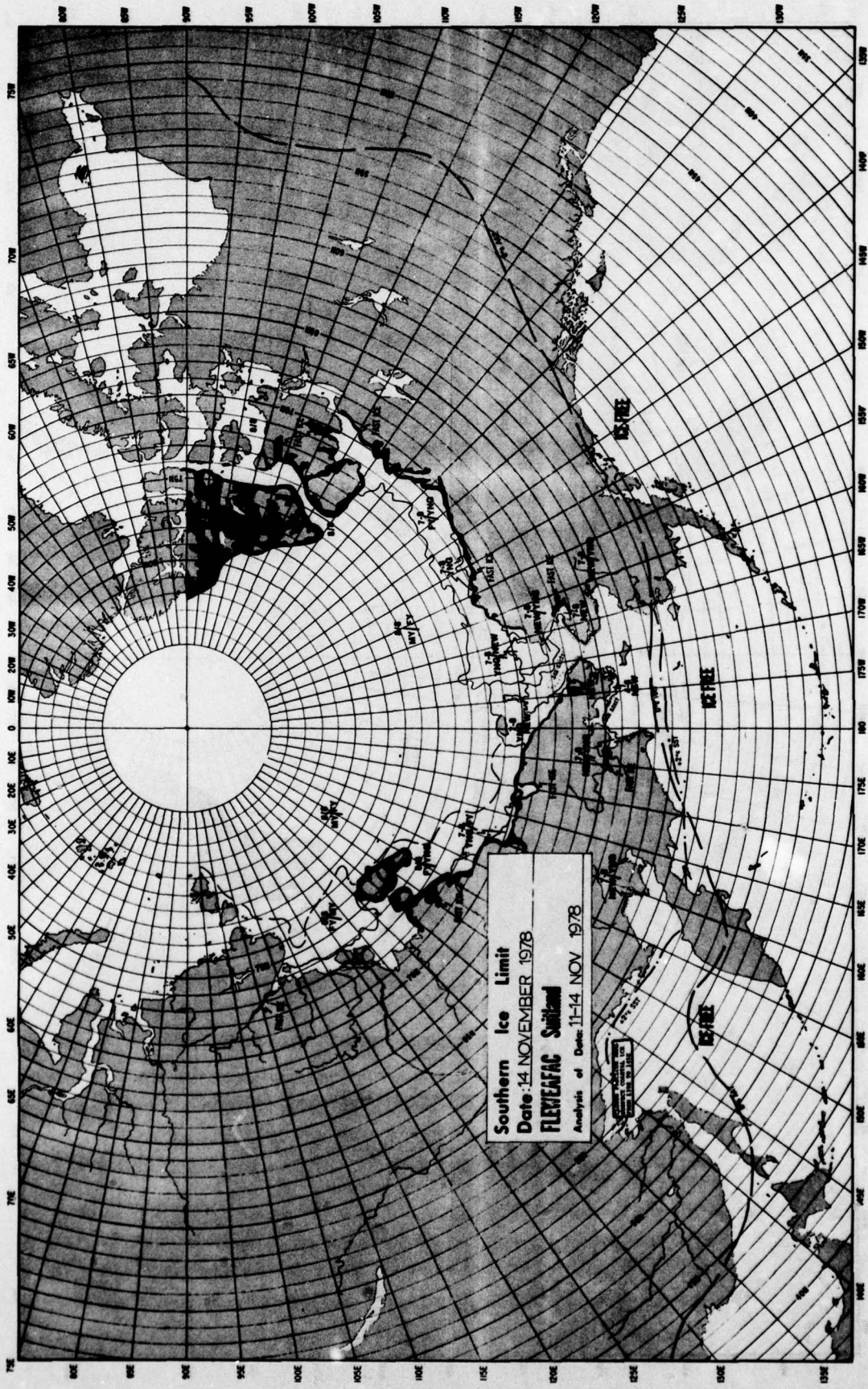
Southern Ice Limit
Date: 24 OCTOBER 1978
FLEWELAC Sutherland
Analysis of Data: 21-24 OCT 1978



Southern Ice Limit
Date: 31 OCTOBER 1978
FLEVEAFAC Svalbard
Analysis of Data: 28-31 OCTOBER 1978

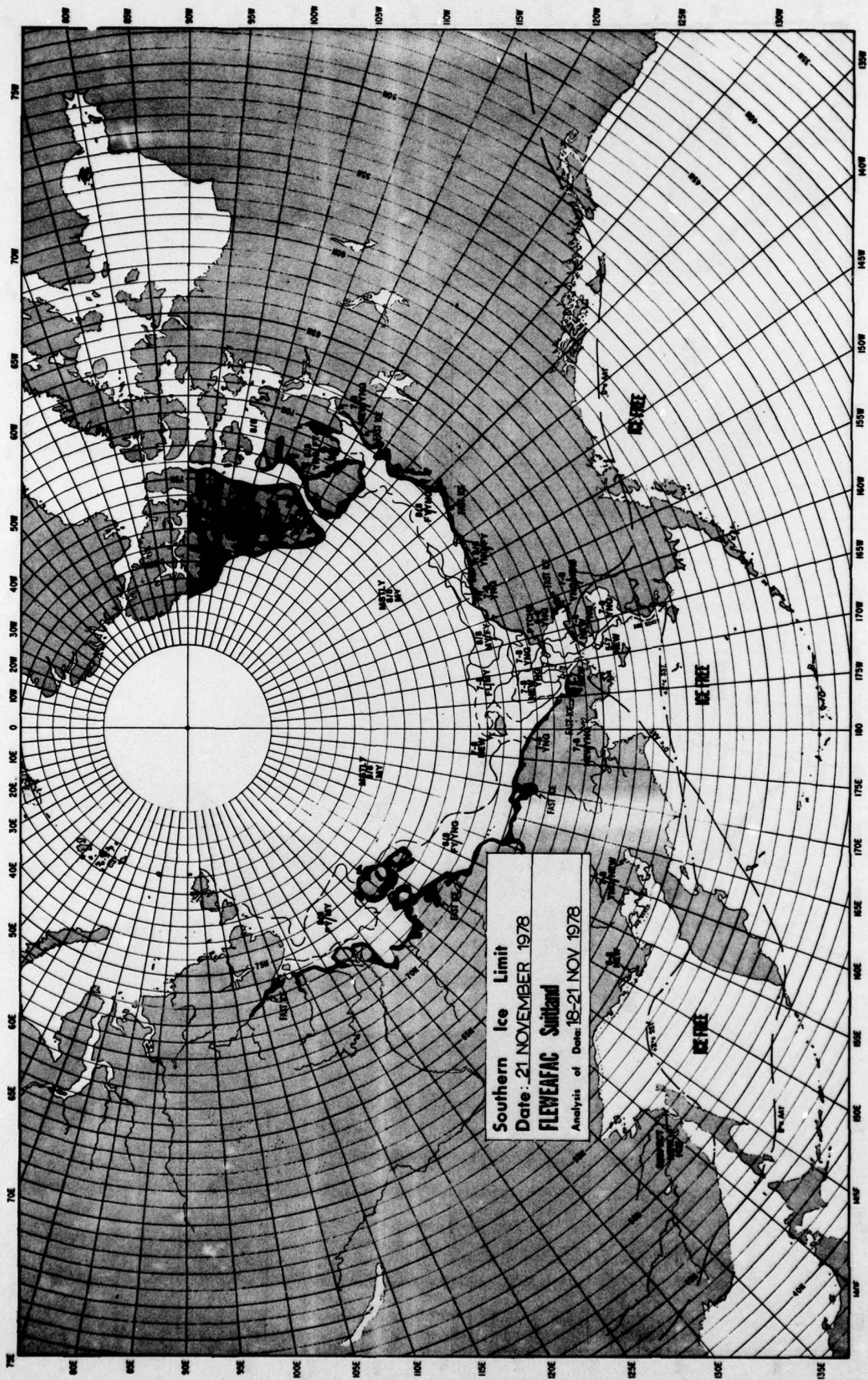


Southern Ice Limit
Date: 07 NOVEMBER 1978
FLEVEFAC Switland
Analysis of Data: 04-07 NOV 78

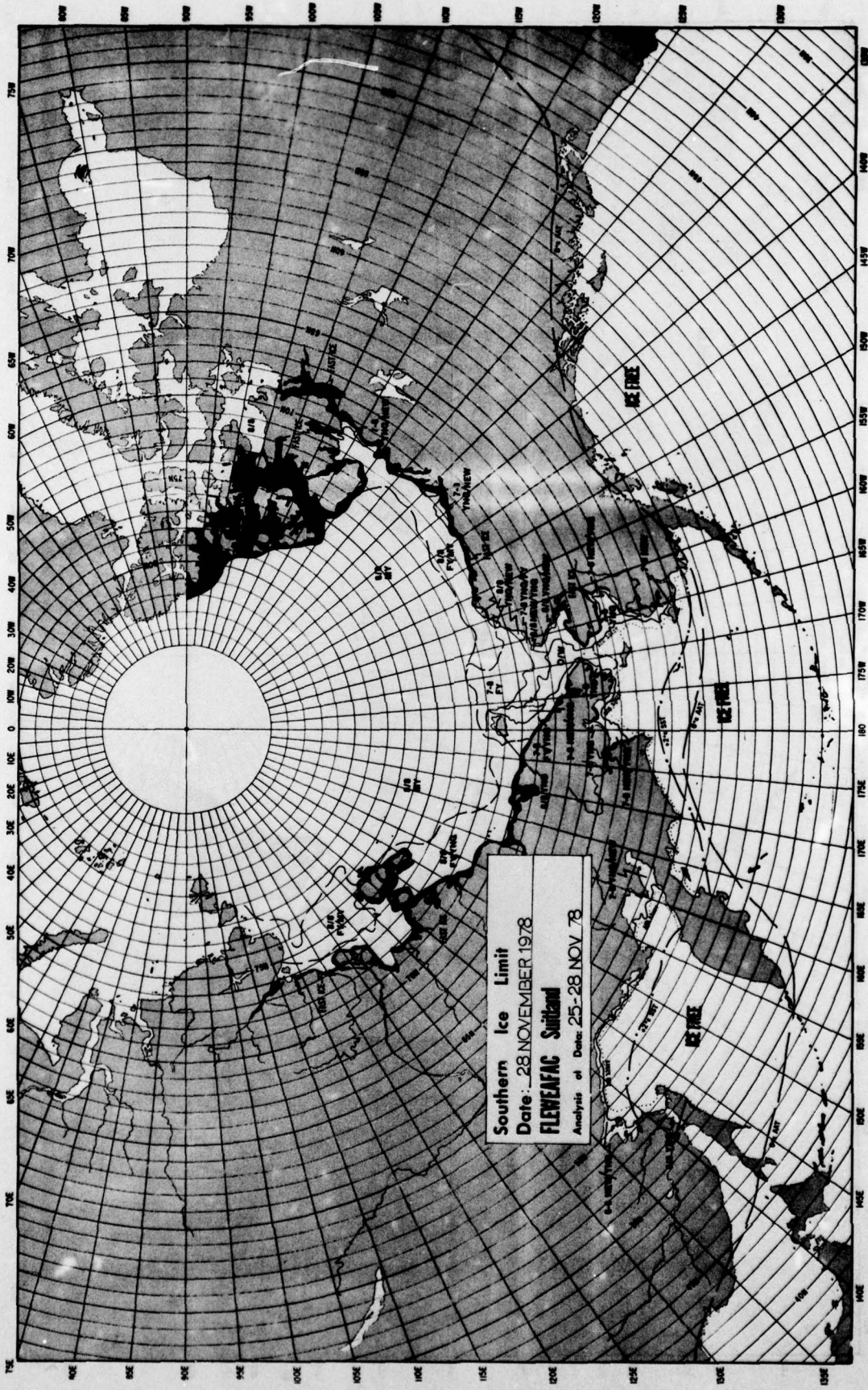


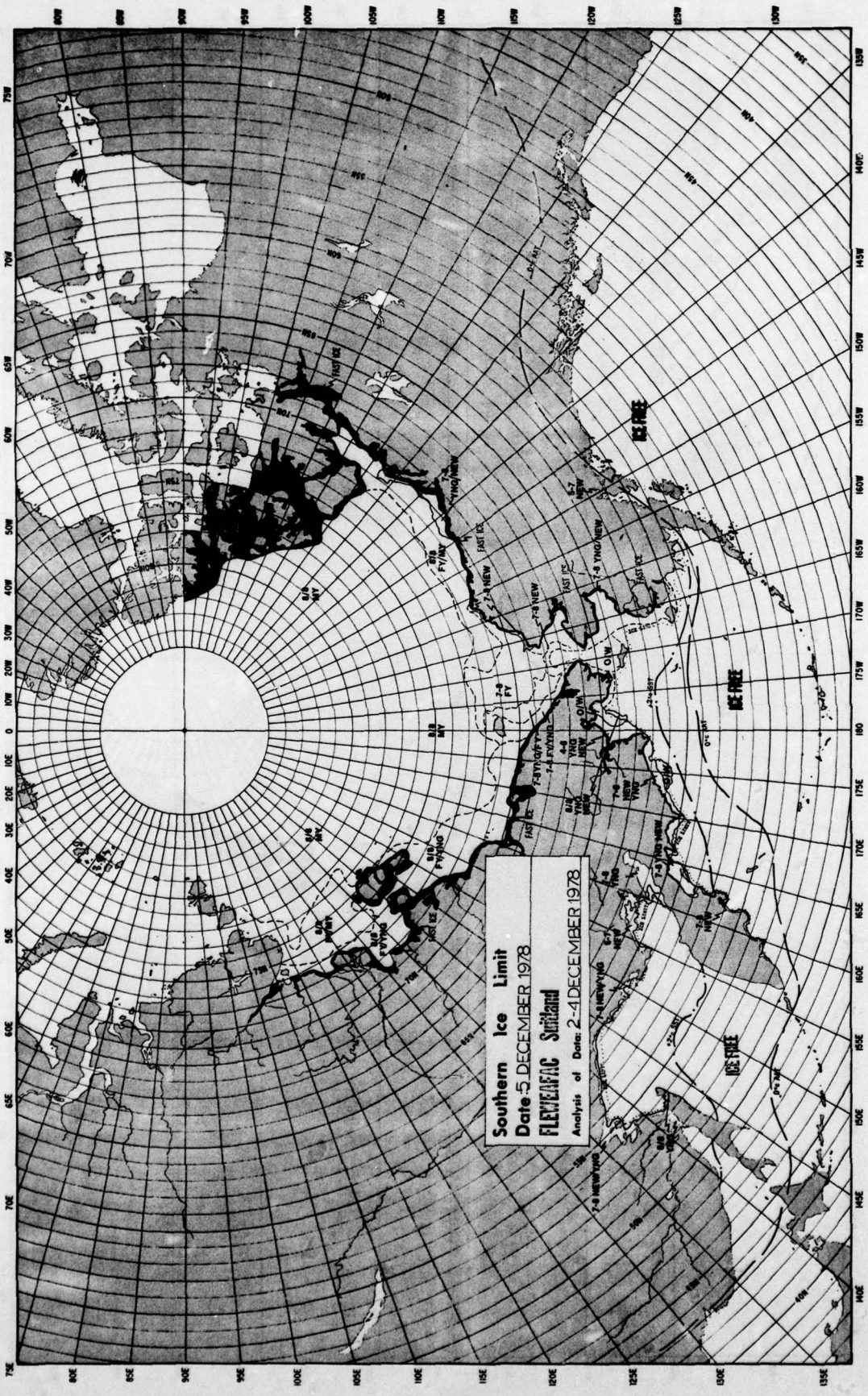
Southern Ice Limit
Date: 14 NOVEMBER 1978
FLEWEAFAC Switland
Analysis of Dates: 11-14 NOV 1978



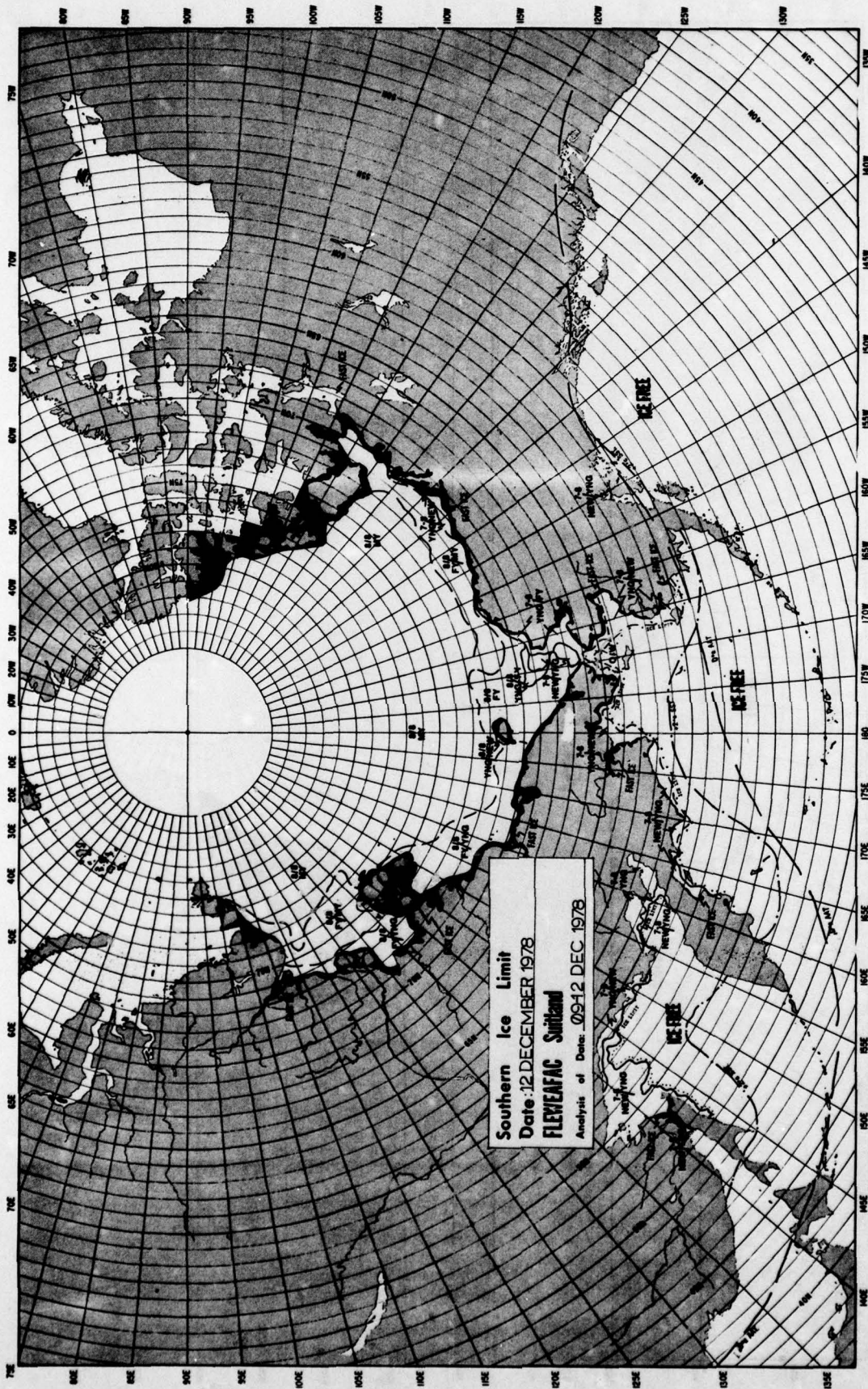


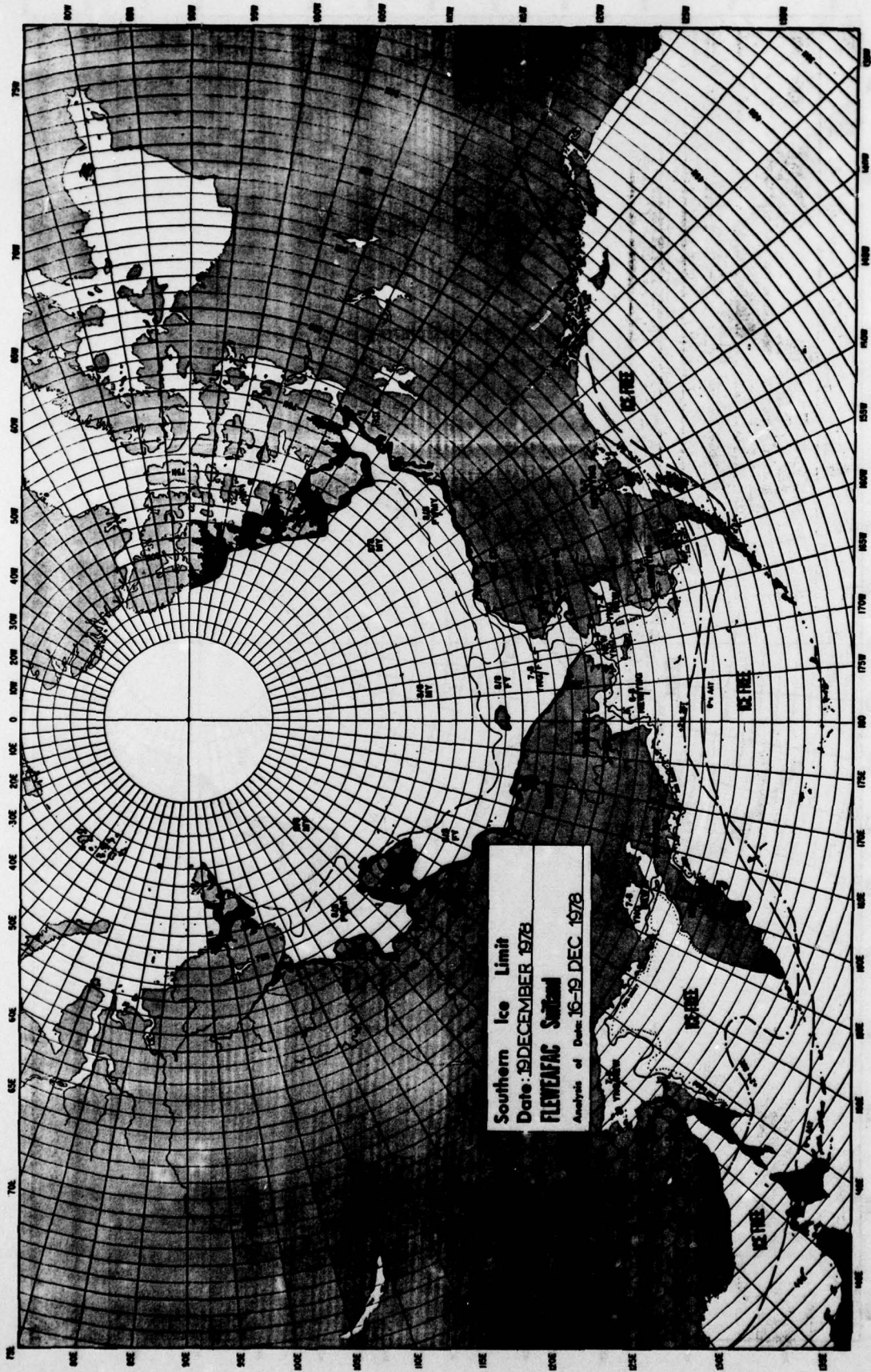
Southern Ice Limit
Date: 21 NOVEMBER 1978
FLEWEAFAC Suitland
Analysis of Data: 18-21 NOV 1978

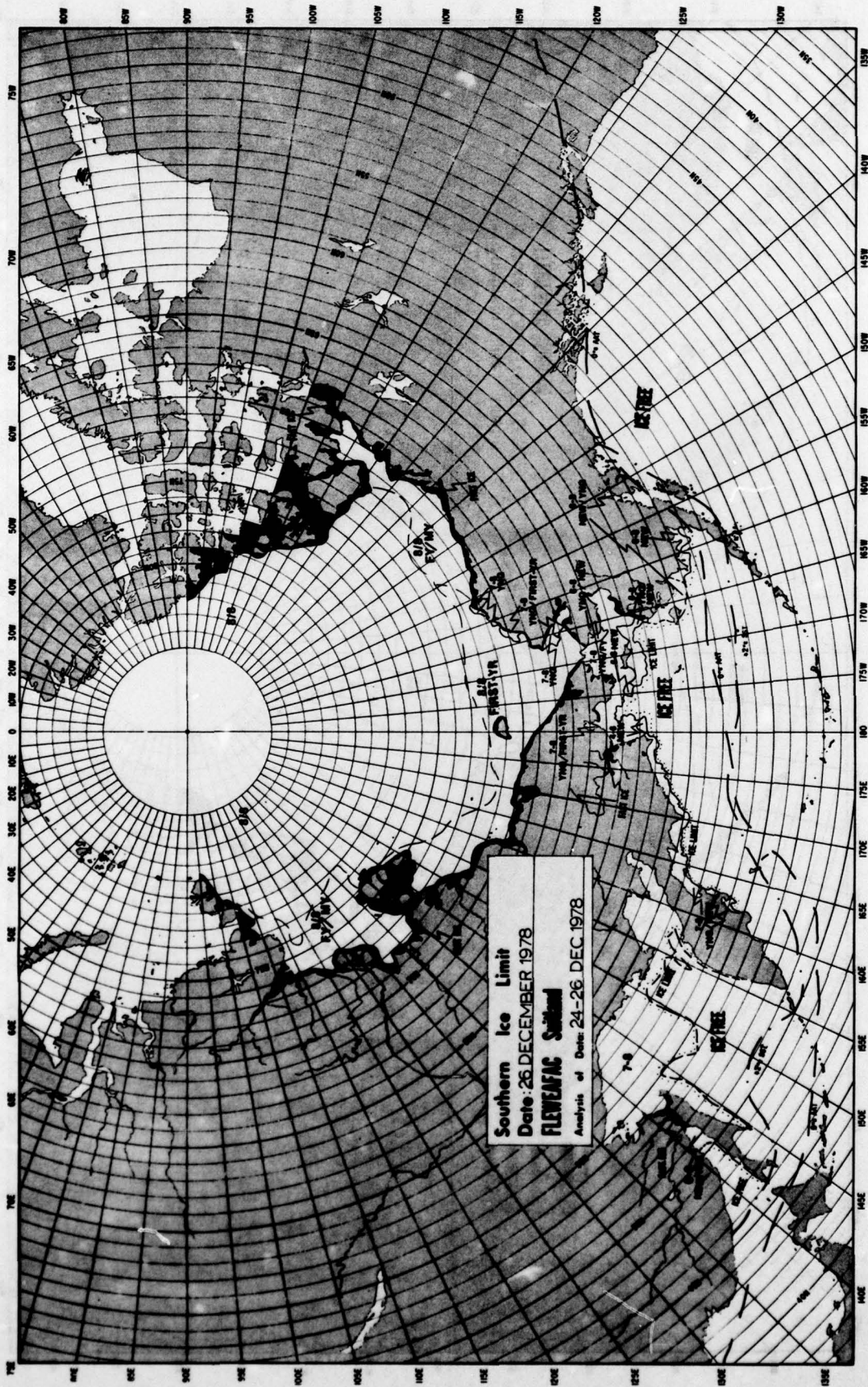




Southern Ice Limit
Date 5 DECEMBER 1978
FLEWELANG SUNDLAND
 Analysis of Data: 2-4 DECEMBER 1978







Southern Ice Limit
Date: 26 DECEMBER 1978
FLEWEAFAC SOUTHERN
Analysis of Data: 24-26 DEC. 1978