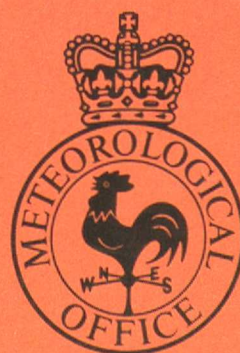


Monthly and Seasonal Mean Analyses

**June 1983 to
May 1986**

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Monthly and Seasonal Mean Analyses

METEOROLOGICAL OFFICE

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Three-Year Means 1 June 1983–31 May 1986

Mean fields obtained from the
archive of operational analyses

Compiled by members of
the Observational Studies Group

LONDON, METEOROLOGICAL OFFICE.
Monthly and Seasonal Mean Analyses

Monthly and seasonal mean analyses. Three-year
means 1 June 1983 - 31 May 1986. Mean fields
obtained from the archive of operational analyses.

05770588

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Met O 20 (Dynamical Climatology Branch)
Meteorological Office
London Road
Bracknell
Berkshire RG12 2SZ

March 1988

Note: Permission to quote from this document should be obtained from the Assistant Director of the above Meteorological Branch.

**Monthly and Seasonal Mean Analyses
Three-Year Means
1 June 1983–31 May 1986**

Introduction

With the introduction of the 15-level model in 1982, the Meteorological Office acquired for the first time an operational numerical weather prediction system producing analyses of the whole global atmosphere as routine (Bell and Dickinson 1987). The system actually produces four analyses per day. However, two of these, for 00 Z and 12 Z, are performed a second time, as late in the schedule as possible, in order to utilize all the available observations including those reports which might have been delayed. After some months of operation it was decided that these repeated analyses, the Update analyses, should be retained in a permanent archive starting from May 1983. The archive was set up initially to store global fields according to their coefficients in a series of spherical harmonics up to a triangular truncation of T40 (Swinbank 1984). Since this is roughly equivalent to a latitude–longitude grid with a resolution of 4.5° by 4.5° , the conversion from the model's standard grid of 1.5° by 1.875° to the spectral representation results in some smoothing of the fields. In 1985 an improved method of archiving and an increase in the number of archived fields were suggested. These changes were implemented during 1986. After an overlap period, the spectral archive was terminated on 31 October 1986 and the new grid-point archive (Lowther 1986) has continued from 1 November 1986 to the present day.

The archive is obviously a suitable source of climatological fields. Monthly and seasonal fields have been, and continue to be, produced for each individual period. It is to be hoped that after a sufficient number of years have been accumulated, the mean fields and the mean squares or products of deviations from the mean fields will be calculated and presented for general use. Ten years is probably the minimum period of accumulation before such a calculation is worthwhile.

At this stage in the accumulation, the Office possesses an archive which has shown a major change after about three years of archiving. Although the change of format has been found not to have affected the archived fields, it is appropriate to consider what can be calculated from the fields in the spectral archive up to the point of the change. Second-order fields should not be attempted with such a short accumulation, but the mean fields are probably just viable. If the hopes expressed above are borne out in future, these three-year means will eventually be superseded by a set of ten-year means.

Mean fields have been computed from spectral archive data for the three-year period from 1 June 1983 to 31 May 1986, for each month and season. The fields treated are the same as those in the individual monthly compilations, namely:

Field		Pressure level (mb)						
Westerly wind component	(m/s)							
Southerly wind component	(m/s)	1000,	850,	700,	500,	400,	300,	
Height	(dam)	250,	200,	150,	100,	70,	50	
Temperature	(K)							
Relative humidity	(%)	1000,	850,	700,	500,	400,	300	
Pressure at mean sea level	(mb)							

Charts of a selection of these three-year mean fields are presented in this booklet. The fields are also available in p-p format on magnetic tape.

The production of this collection of charts is a significant milestone in the use of the archive of analyses. It is a fitting place to acknowledge and thank past and present members of the Observational Studies Group, notably R. Swinbank, B. Barwell, P. Whitfield, S. Ineson, M. Ayles and N. Bolton, as well as several other colleagues in other Branches of the Meteorological Office, for their efforts in bringing the archive this far.

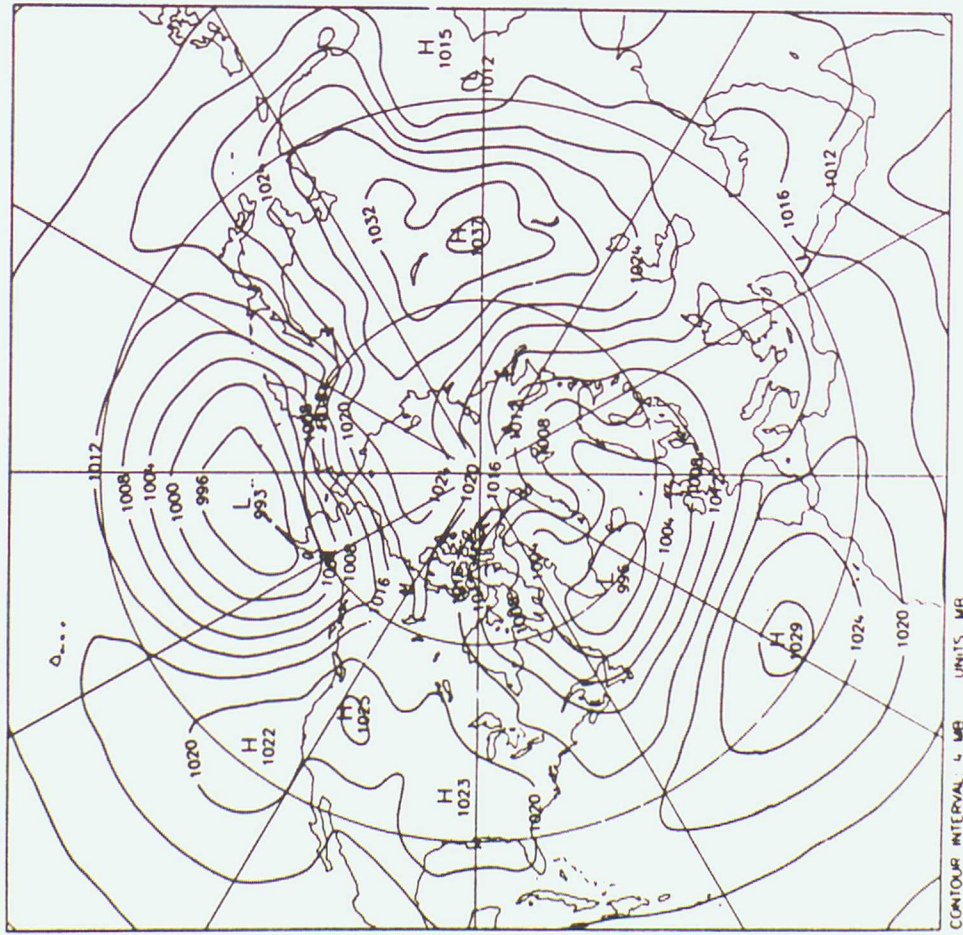
R.A. Bromley
Observational Studies Group
Met O 20
March 1988

References

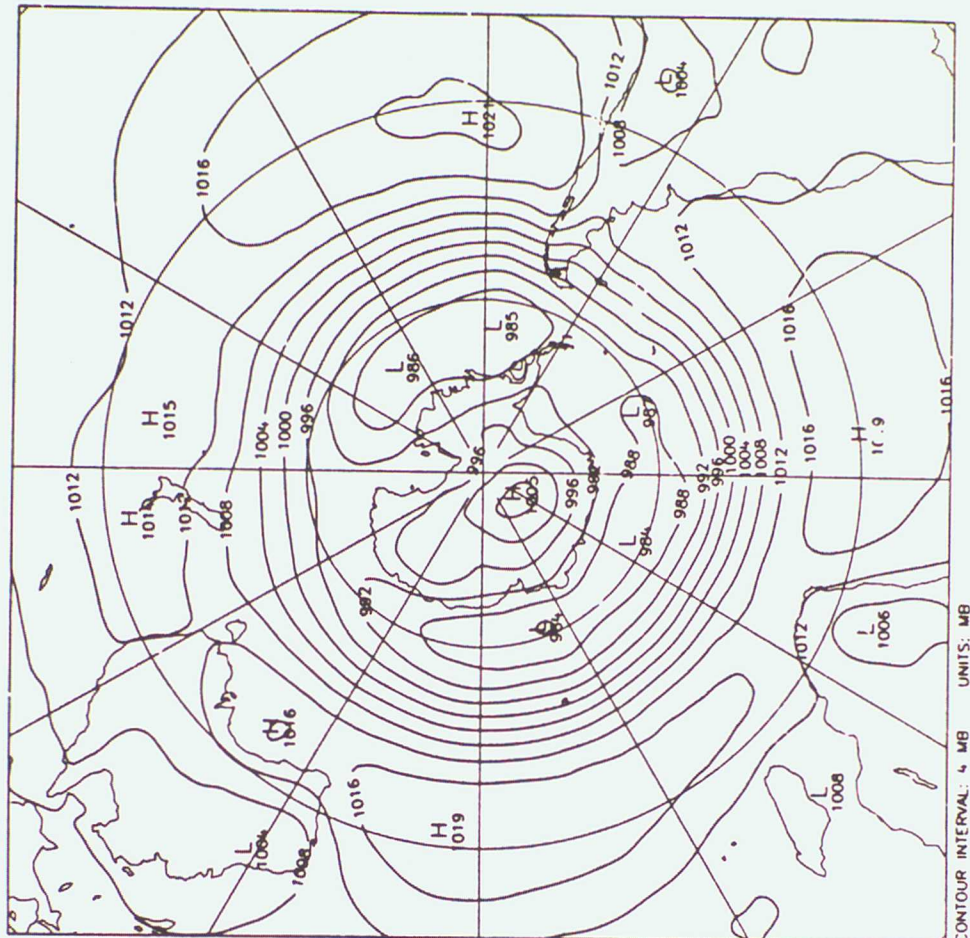
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|------------------------------|------|--|
| Bell, R.S. and Dickinson, A. | 1987 | The Meteorological Office operational numerical weather prediction system, Meteorological Office Scientific Paper No. 41, Met.O.979, HMSO. |
| Lowther, D. | 1986 | WGDOS Printfile Archive, Operational NWP Scheme, Documentation Paper No.9.1, Met O 2b, Meteorological Office, Bracknell. |
| Swinbank, R. | 1984 | A system to archive operational analyses for research purposes. Met O 20 Technical Note No. II/218. Meteorological Office, Bracknell. |

JANUARY

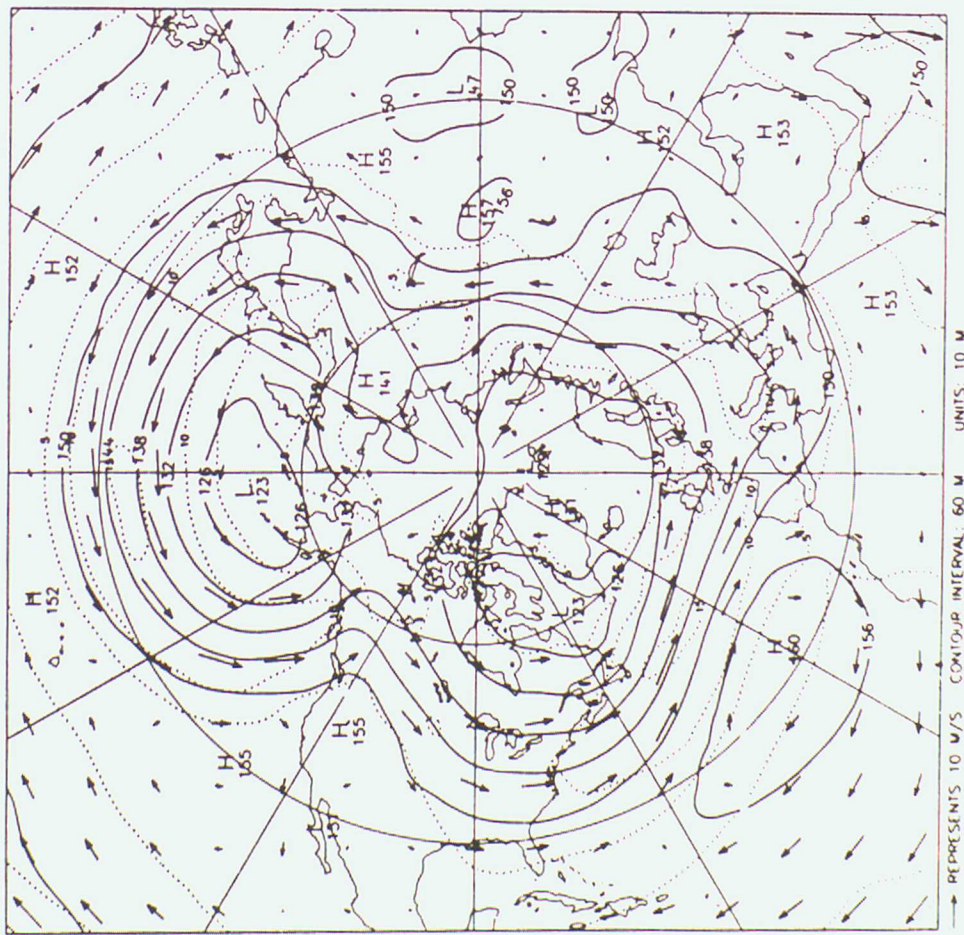
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AVERAGE FROM 0Z ON 1/1/1984 DAY 1 TO 12Z ON 31/1/1986 DAY 31
SEA LEVEL



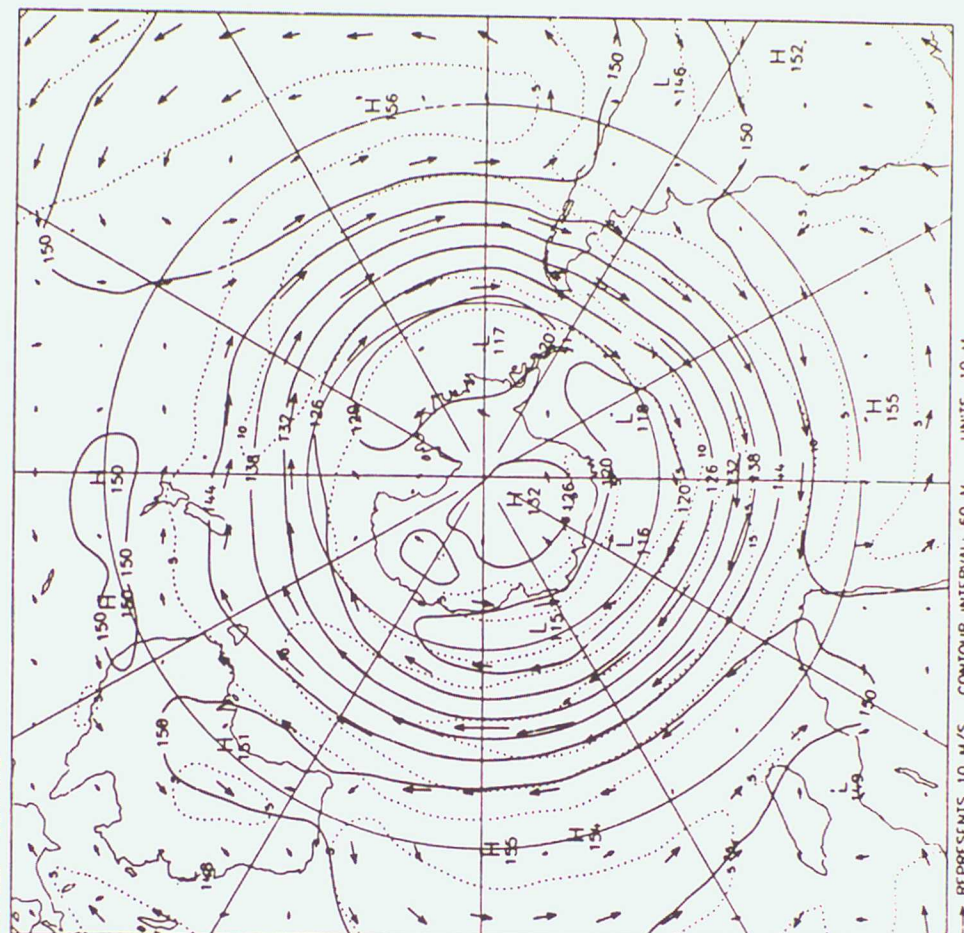
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PMSL
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SEA LEVEL



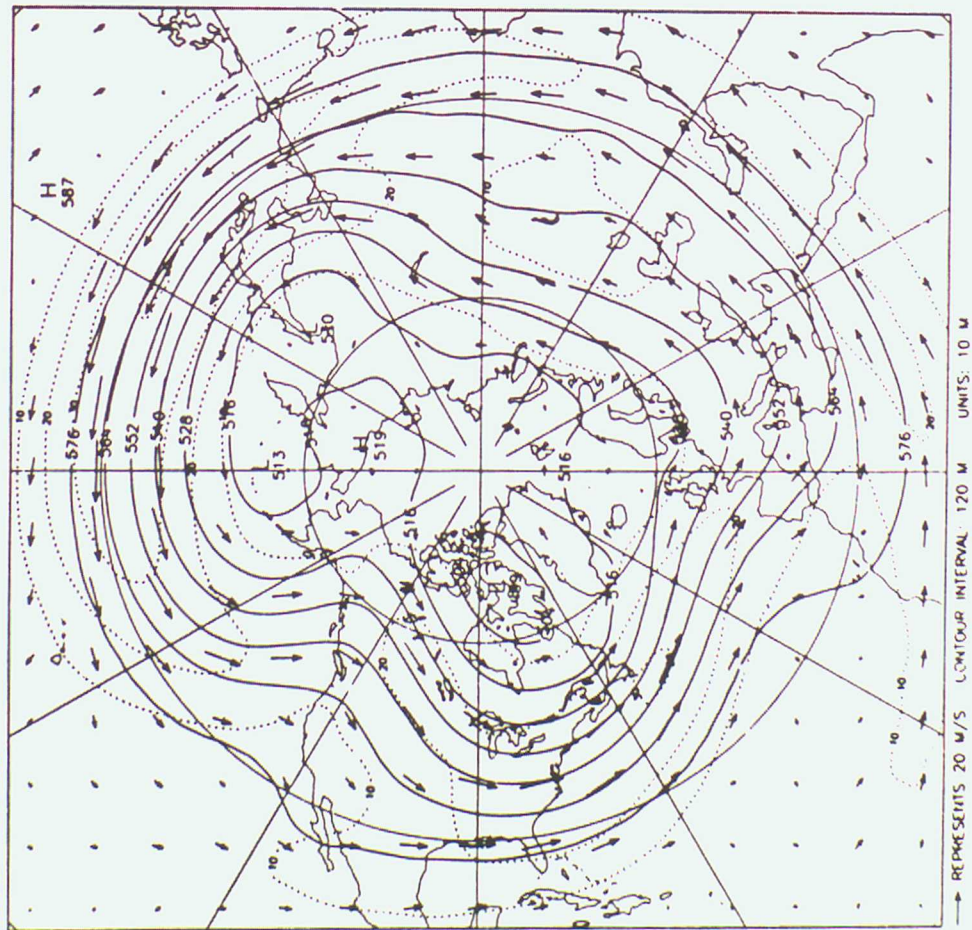
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 AVERAGE FROM 0Z ON 1/1/1984 DAY 1 TO 12Z ON 31/1/1986 DAY 31
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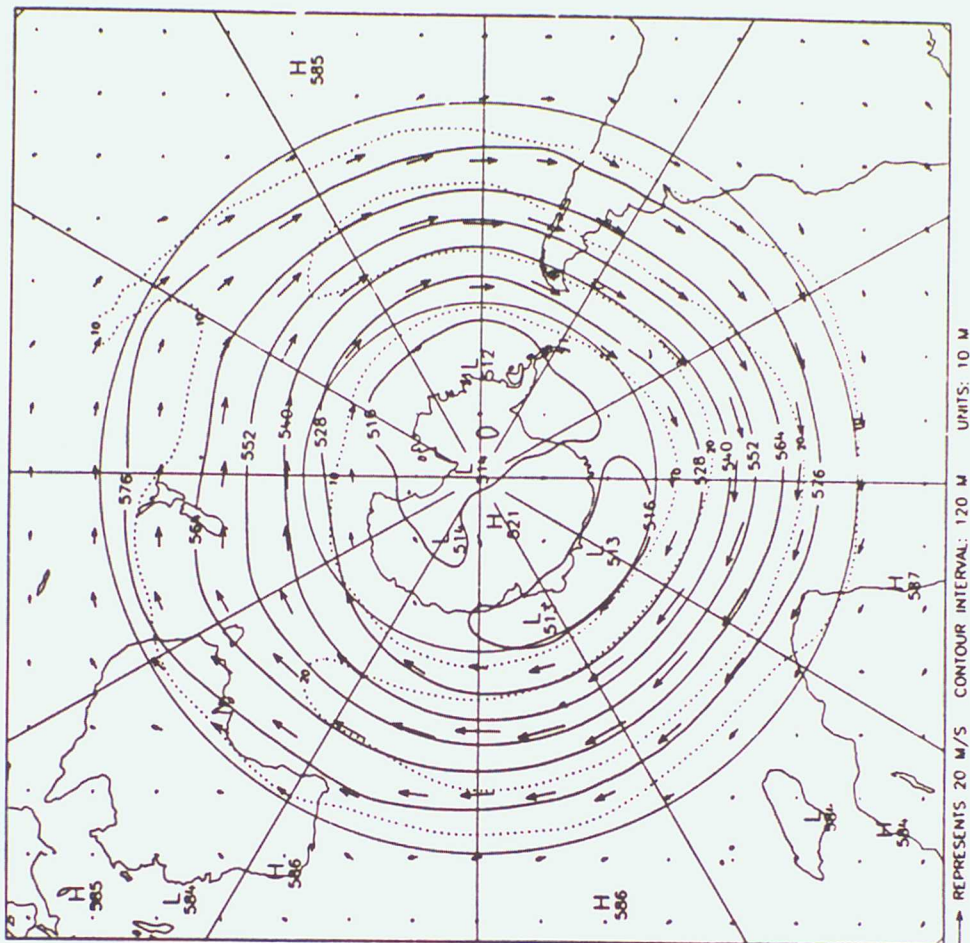
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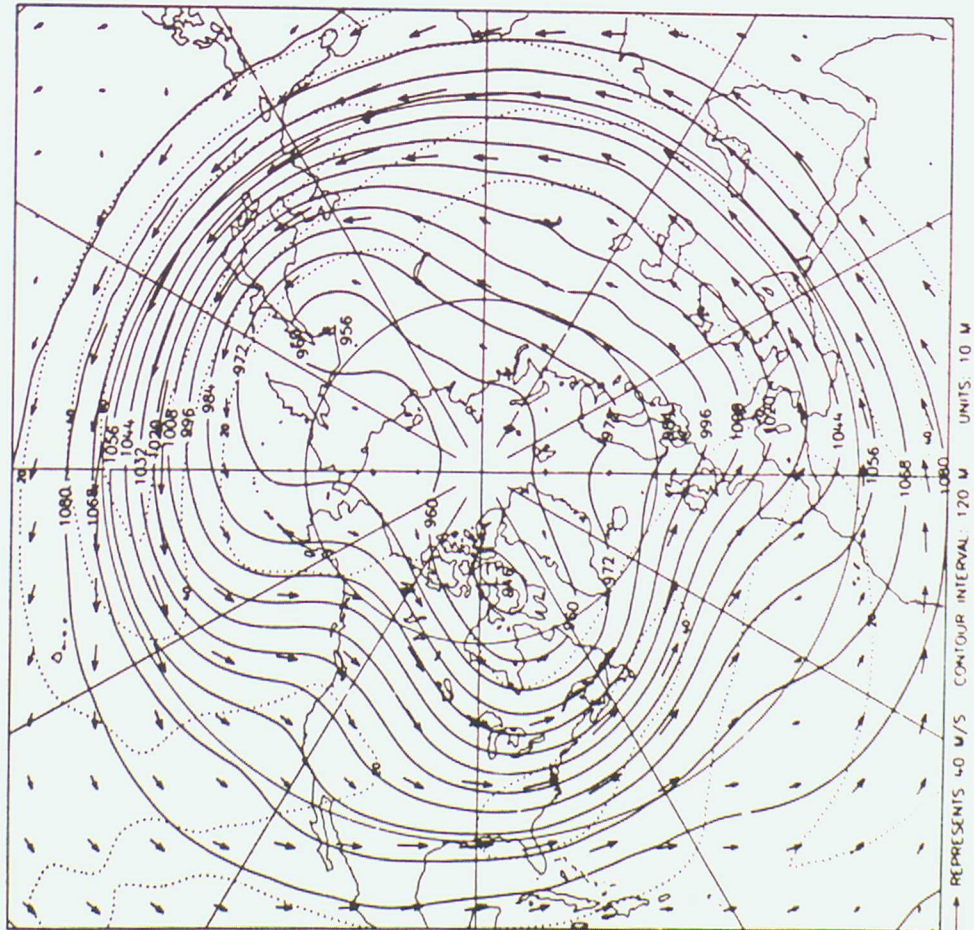
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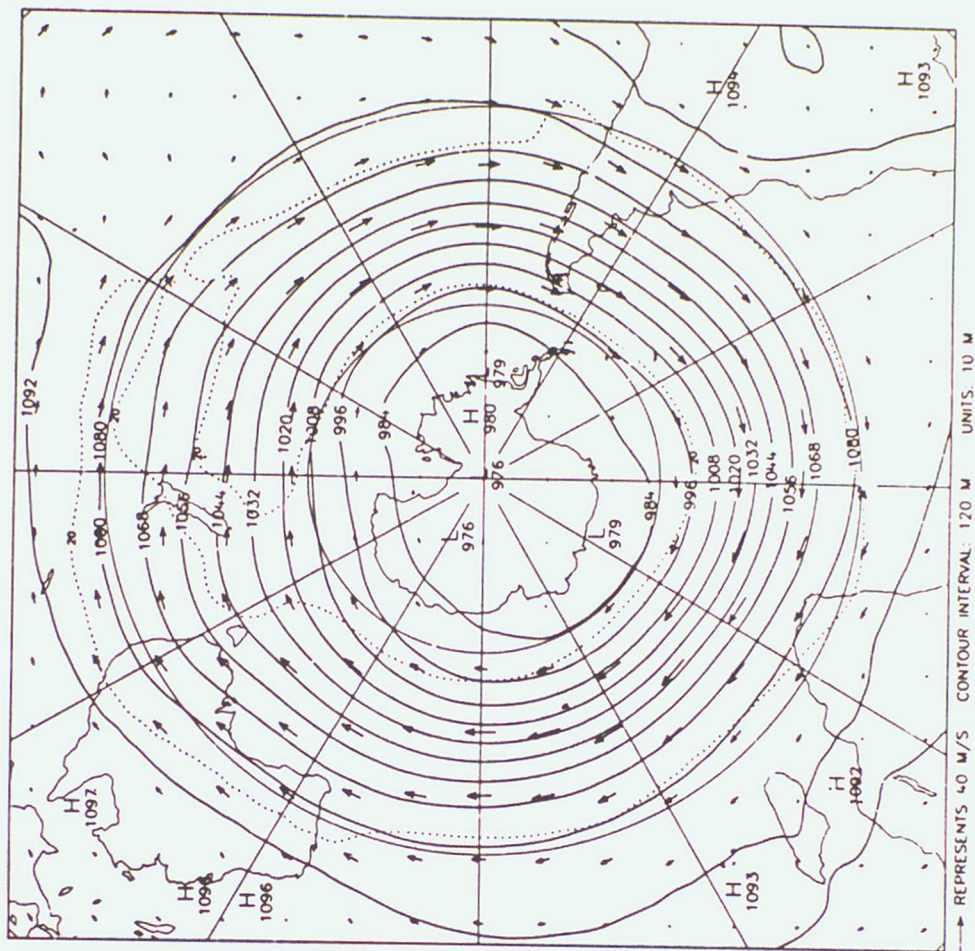
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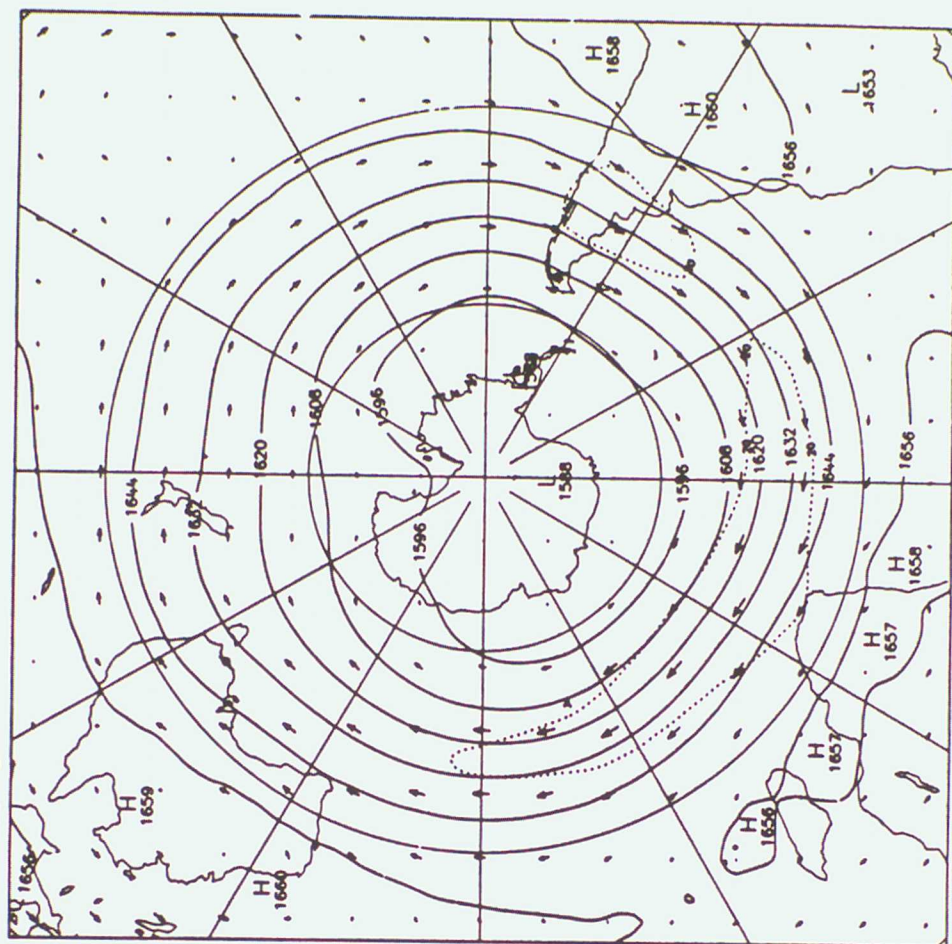
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 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/1/1984 DAY 1 TO 12Z ON 31/1/1986 DAY 31
 LEVEL: 250 MB



OPERATIONAL ARCHIVE MEANS. JANUARY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/1/1984 DAY 1 TO 12Z ON 31/1/1986 DAY 31
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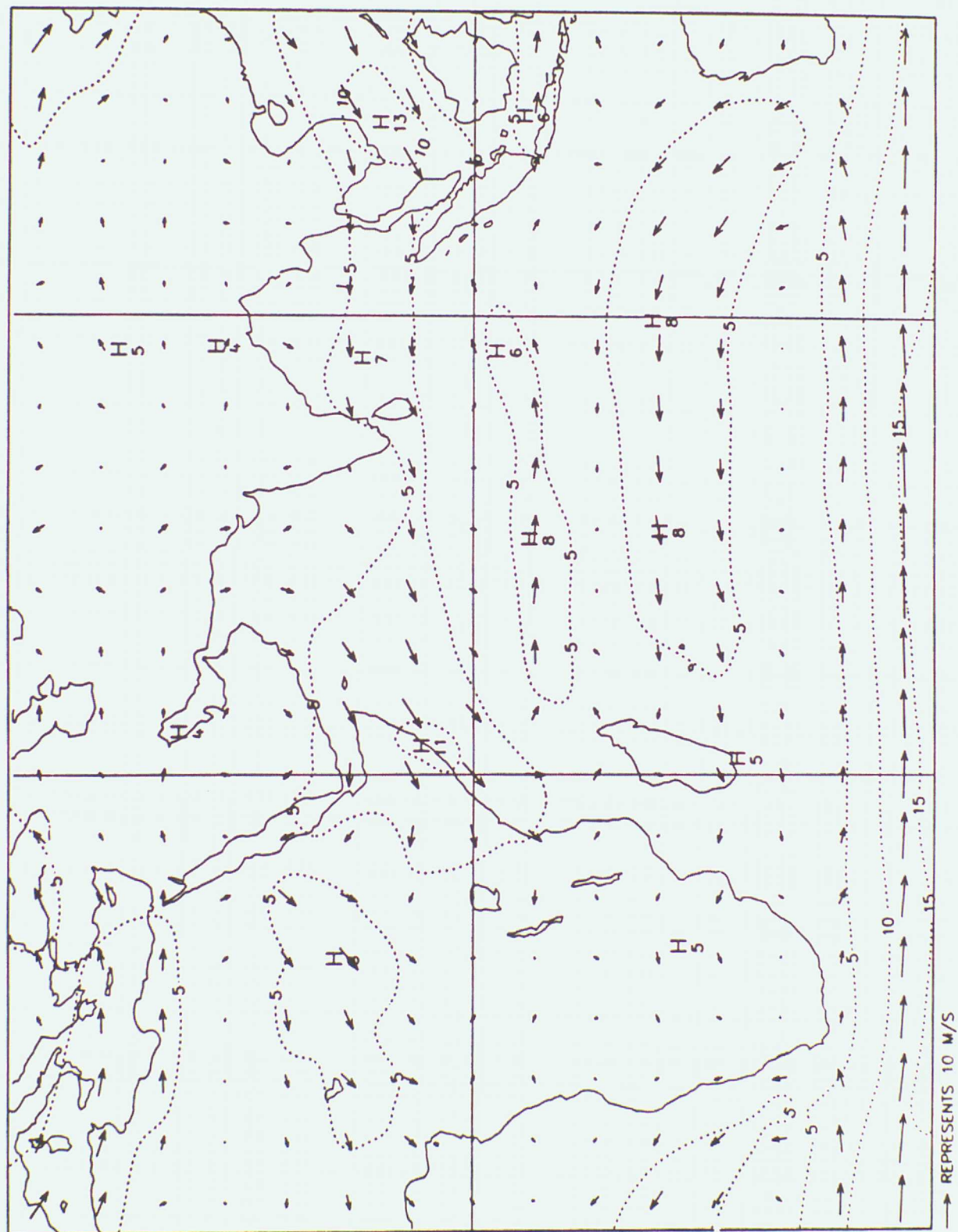


OPERATIONAL ARCHIVE MEANS. JANUARY CLIMATOLOGY
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/1/1984 DAY 1 TO 12Z ON 31/1/1986 DAY 31
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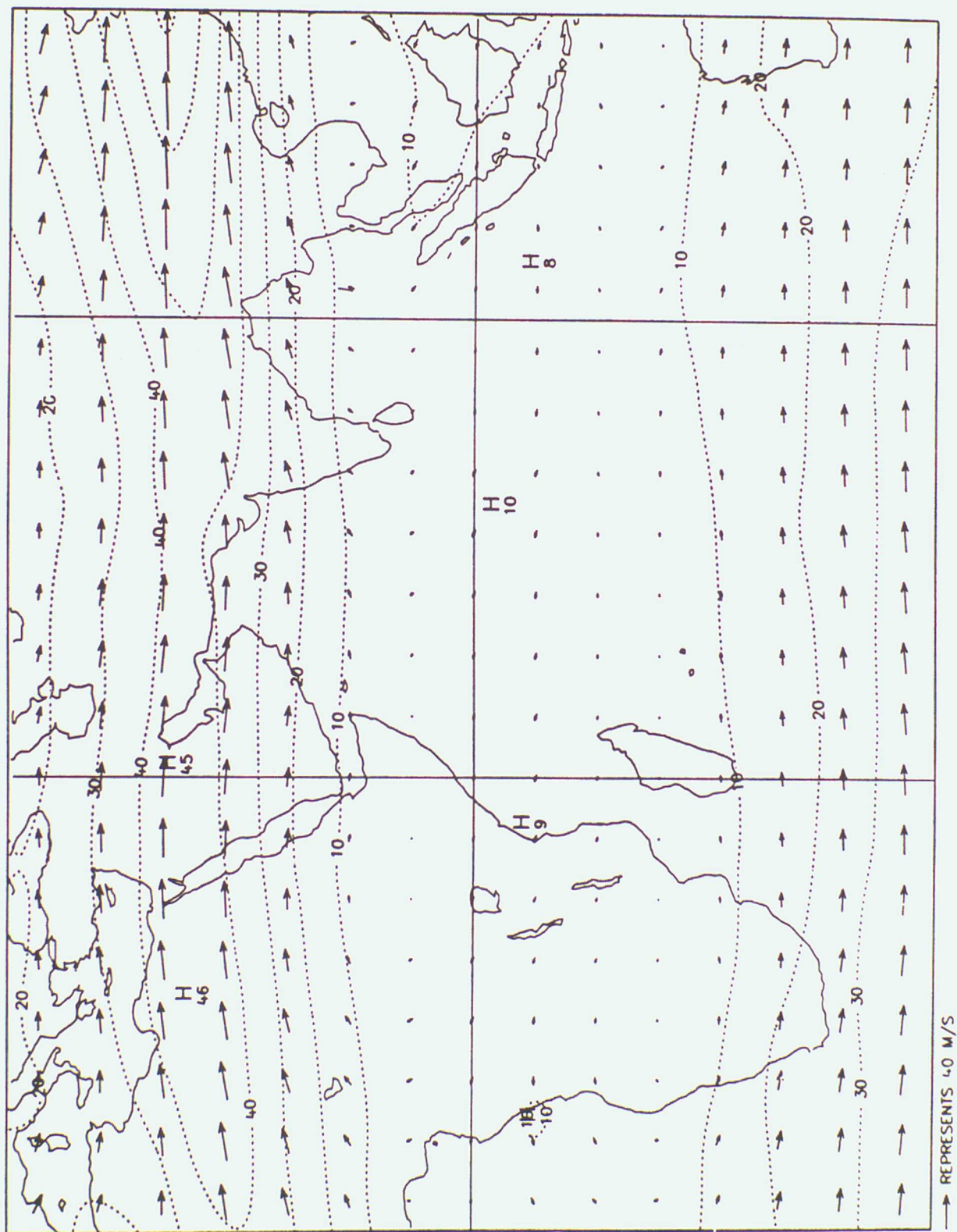


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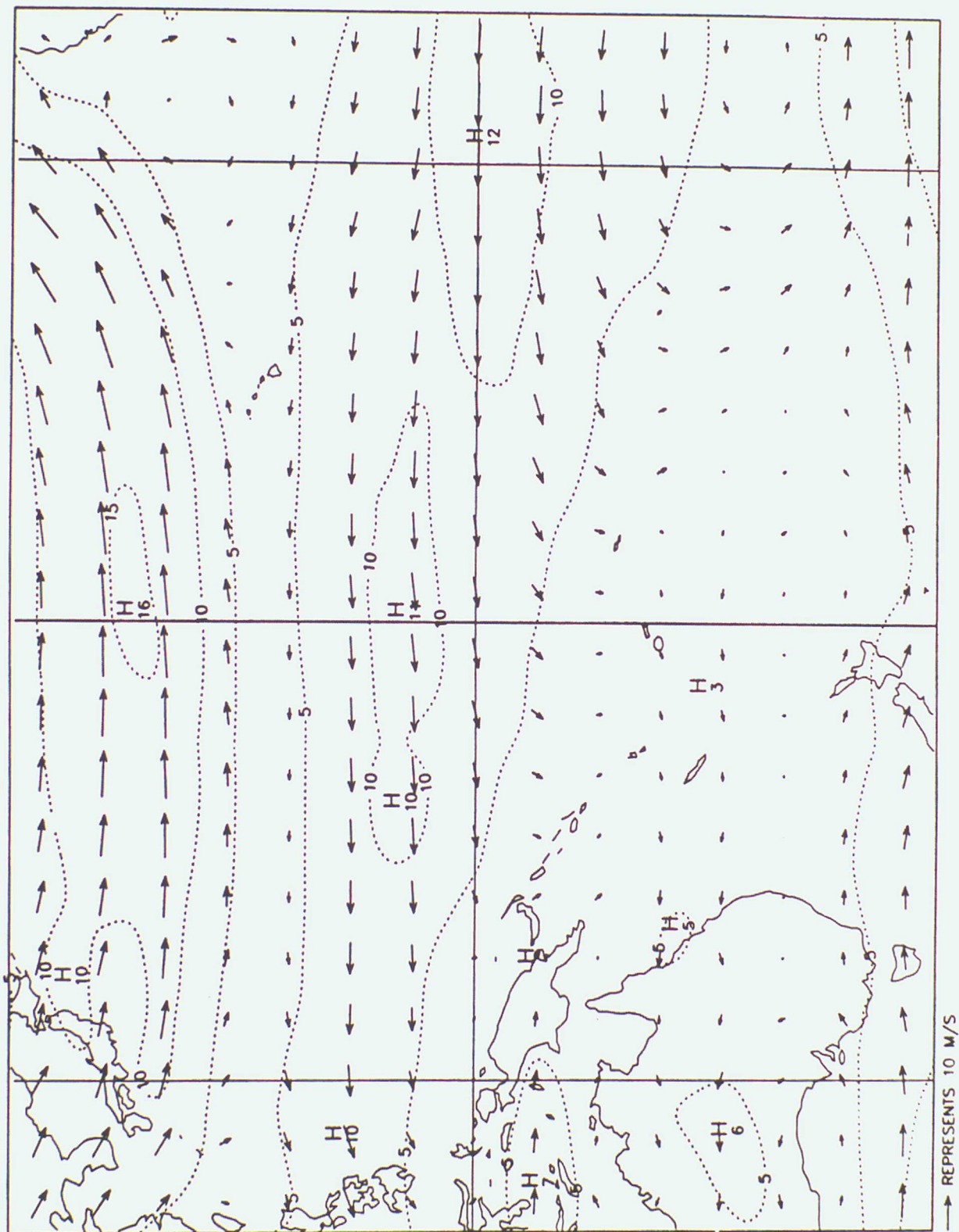
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AVERAGE FROM 0Z ON 1/1/1984 DAY 1 TO 12Z ON 31/1/1986 DAY 31
BETWEEN LONGS. 0 E - 120 E
850 MBS.



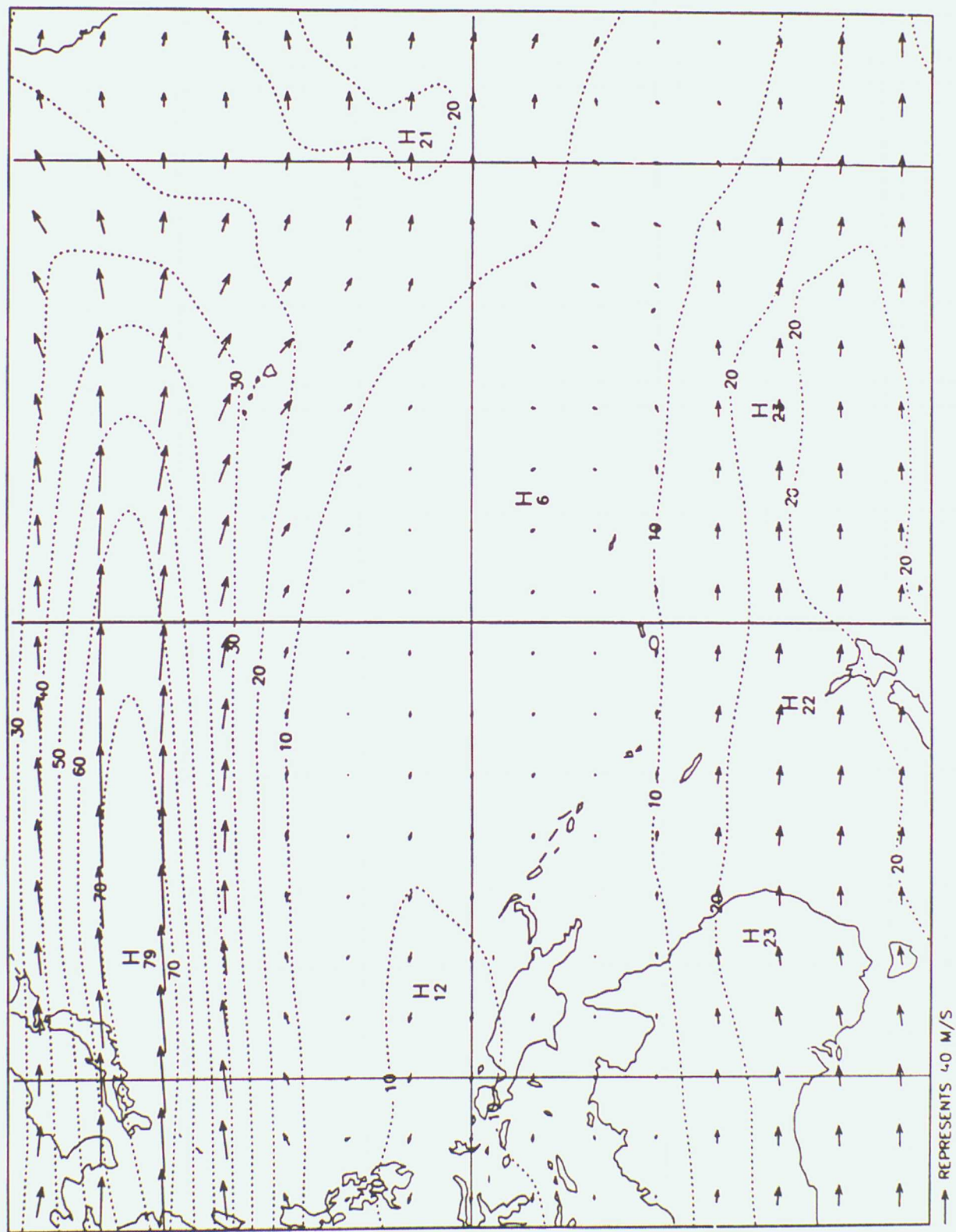
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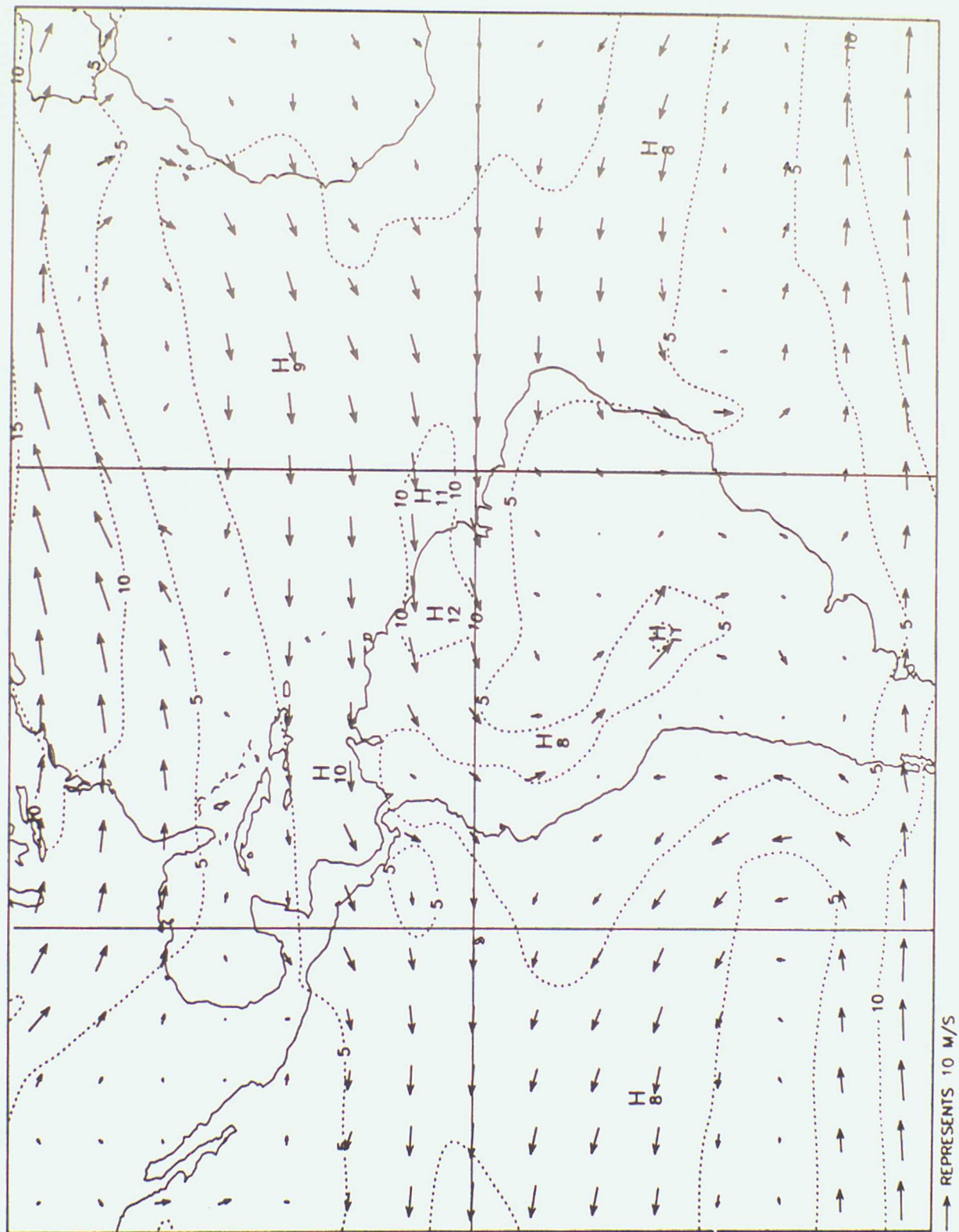
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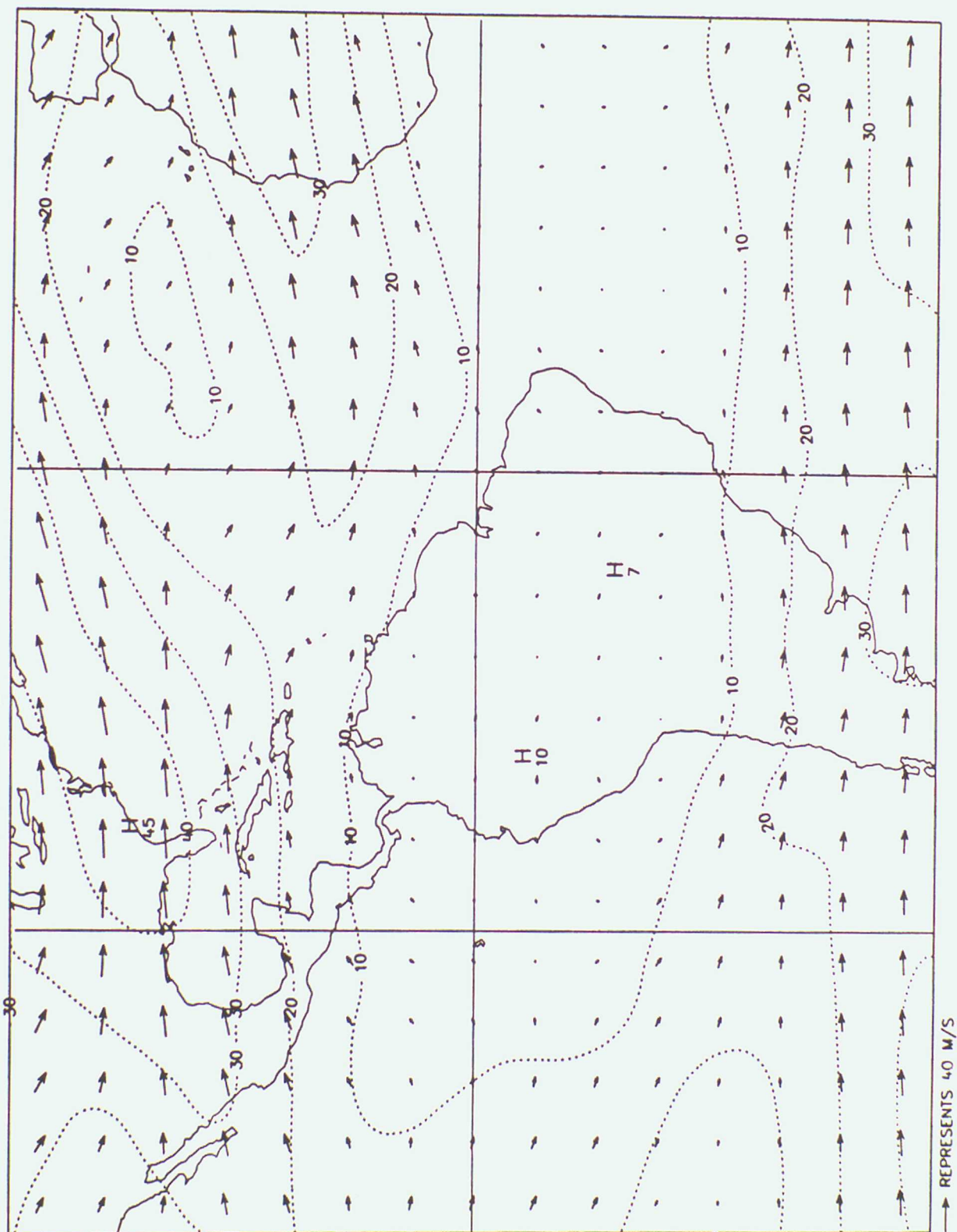
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 AVERAGE FROM 0Z ON 1/1/1984 DAY 1 TO 12Z ON 31/1/1986 DAY 31
 BETWEEN LONGS. 120 E - 120 W
 250 MBS.



OPERATIONAL ARCHIVE MEANS. JANUARY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/1/1984 DAY 1 TO 12Z ON 31/1/1986 DAY 31
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 BETWEEN LONGS. 120 W - 0 W



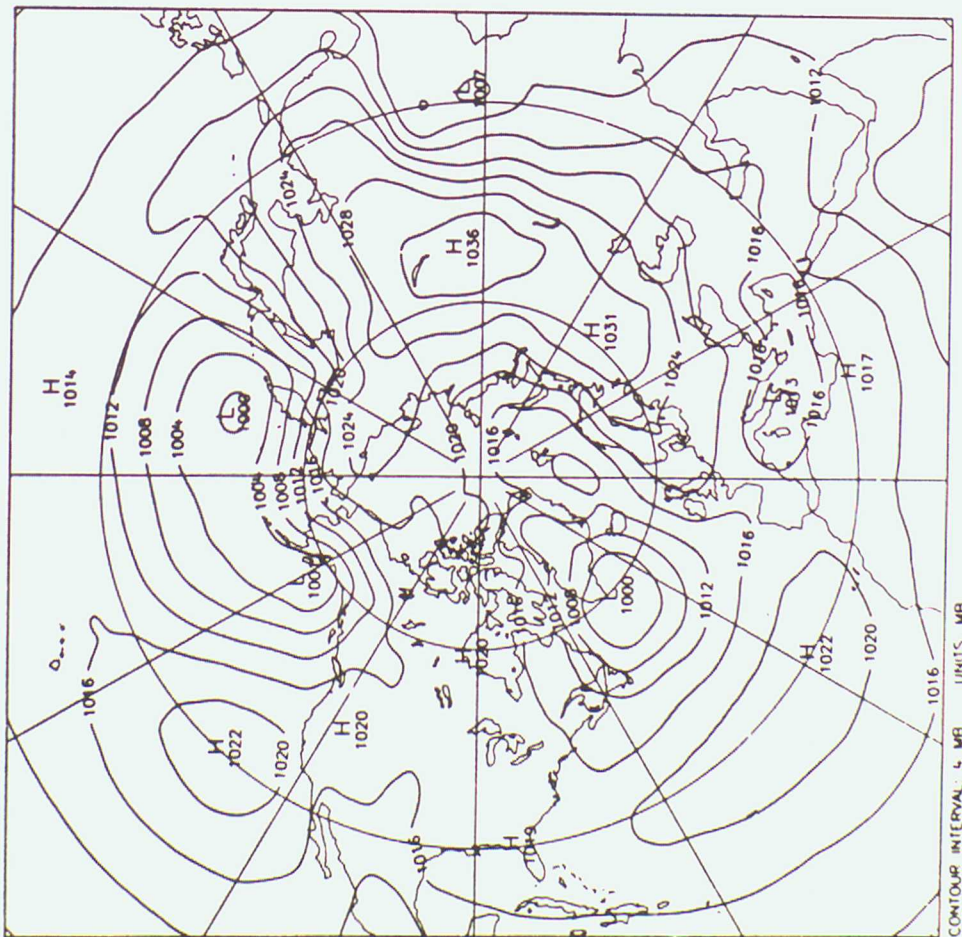
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FEBRUARY

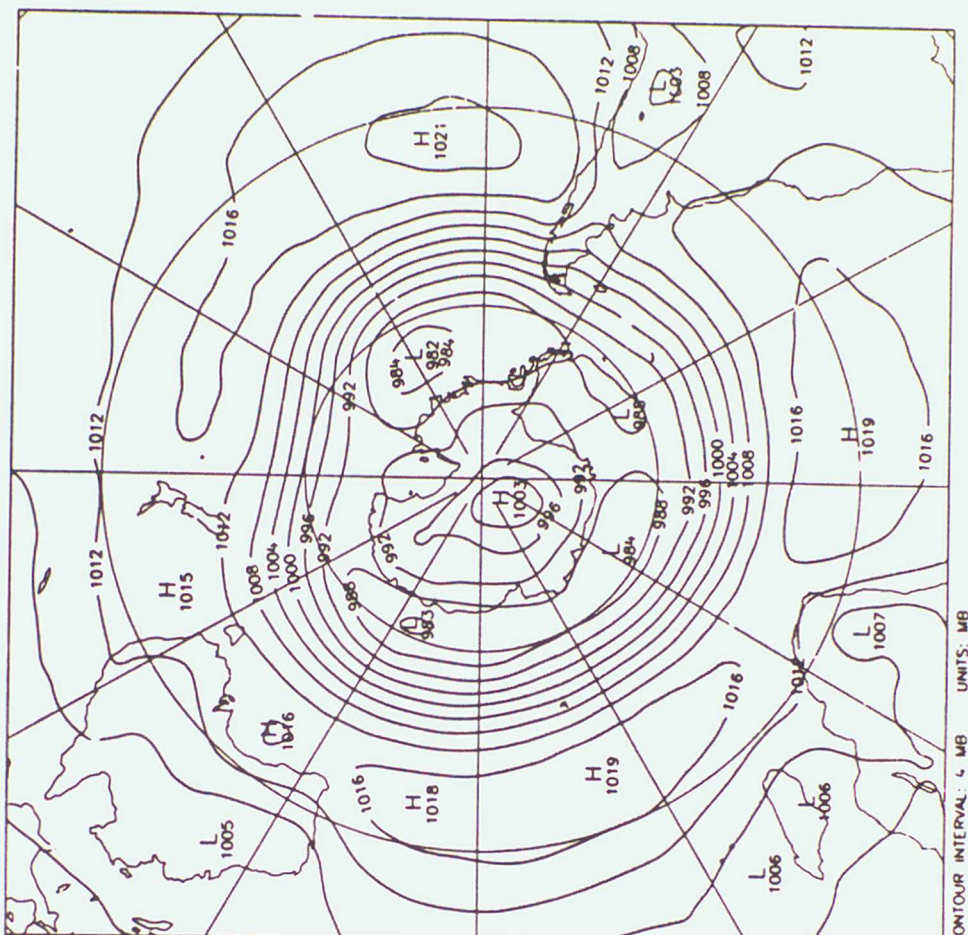
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PMSL

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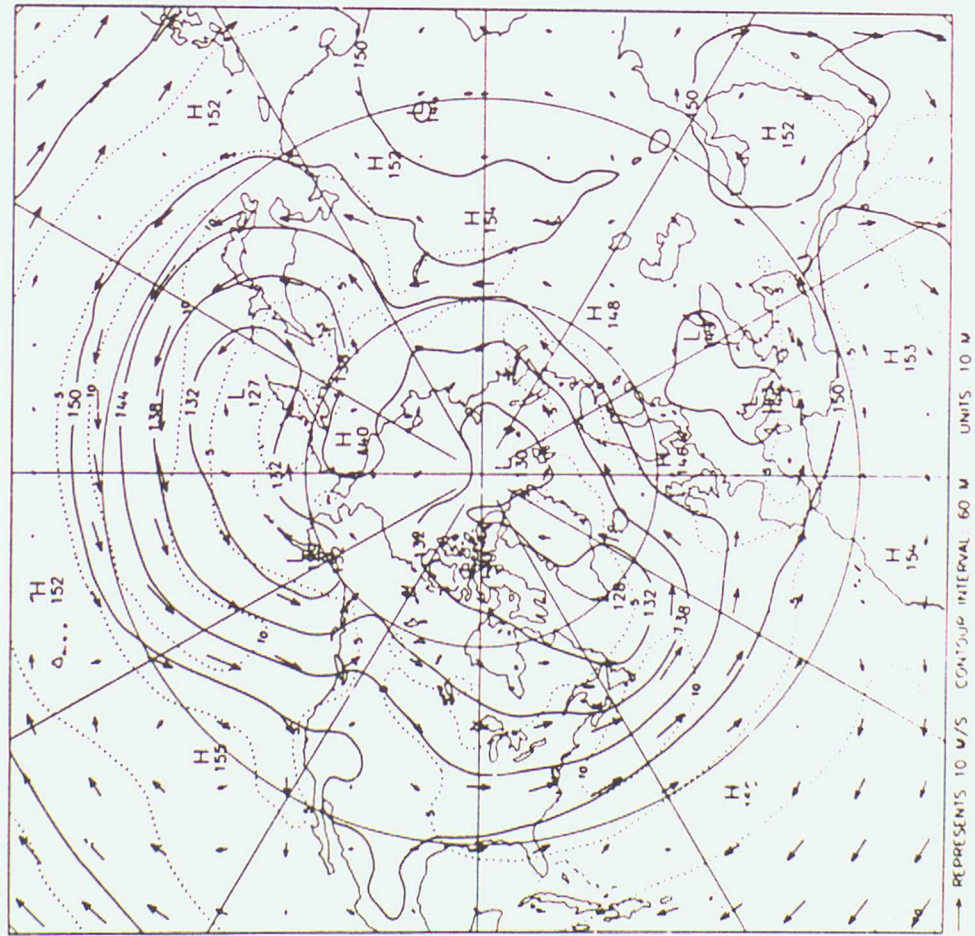


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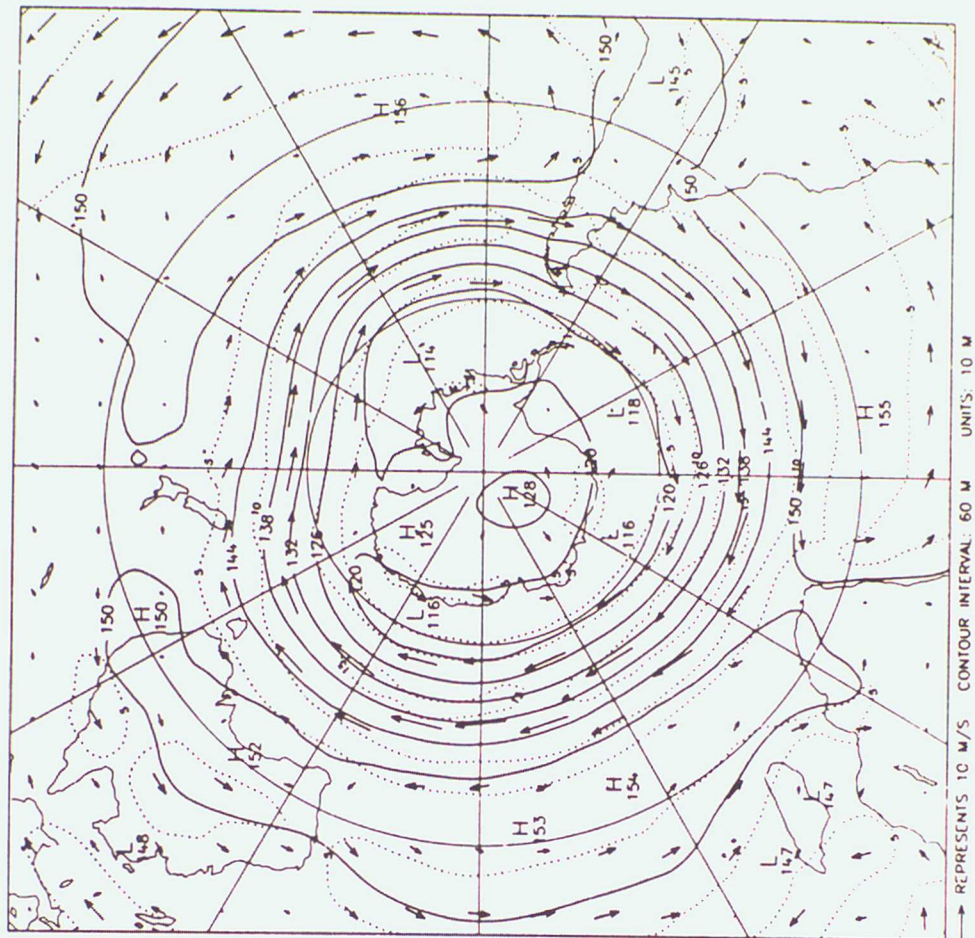
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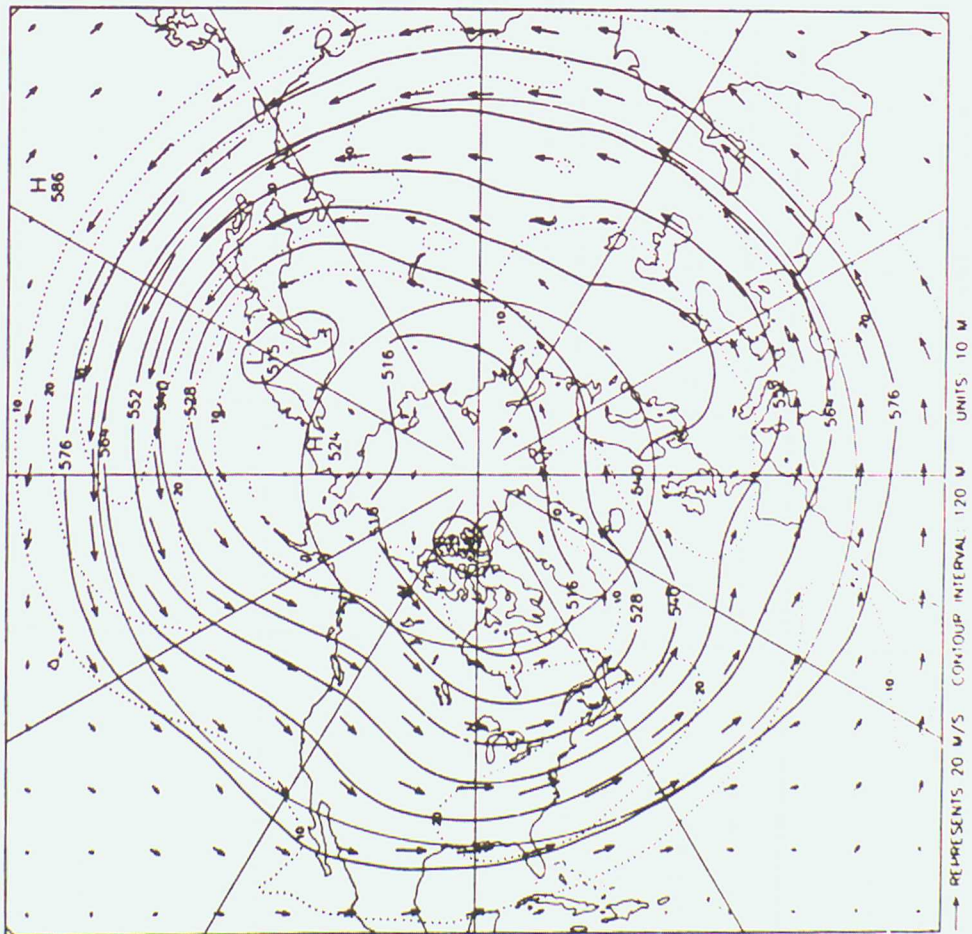
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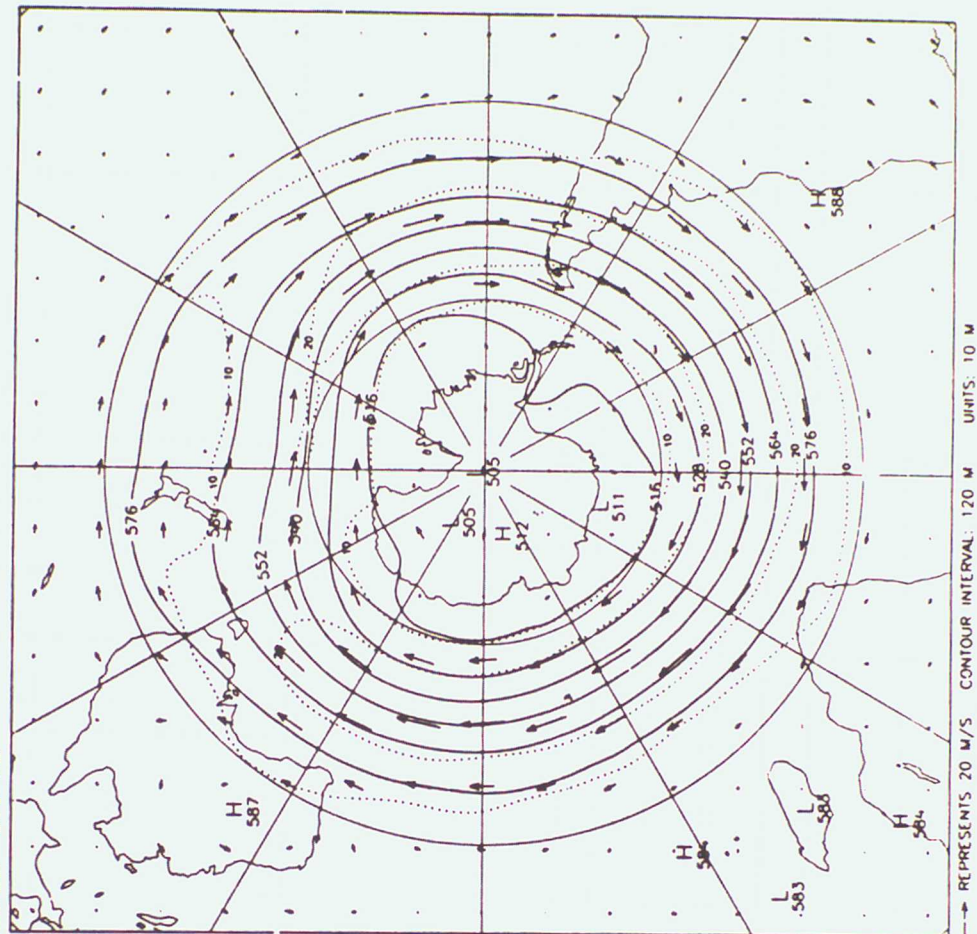
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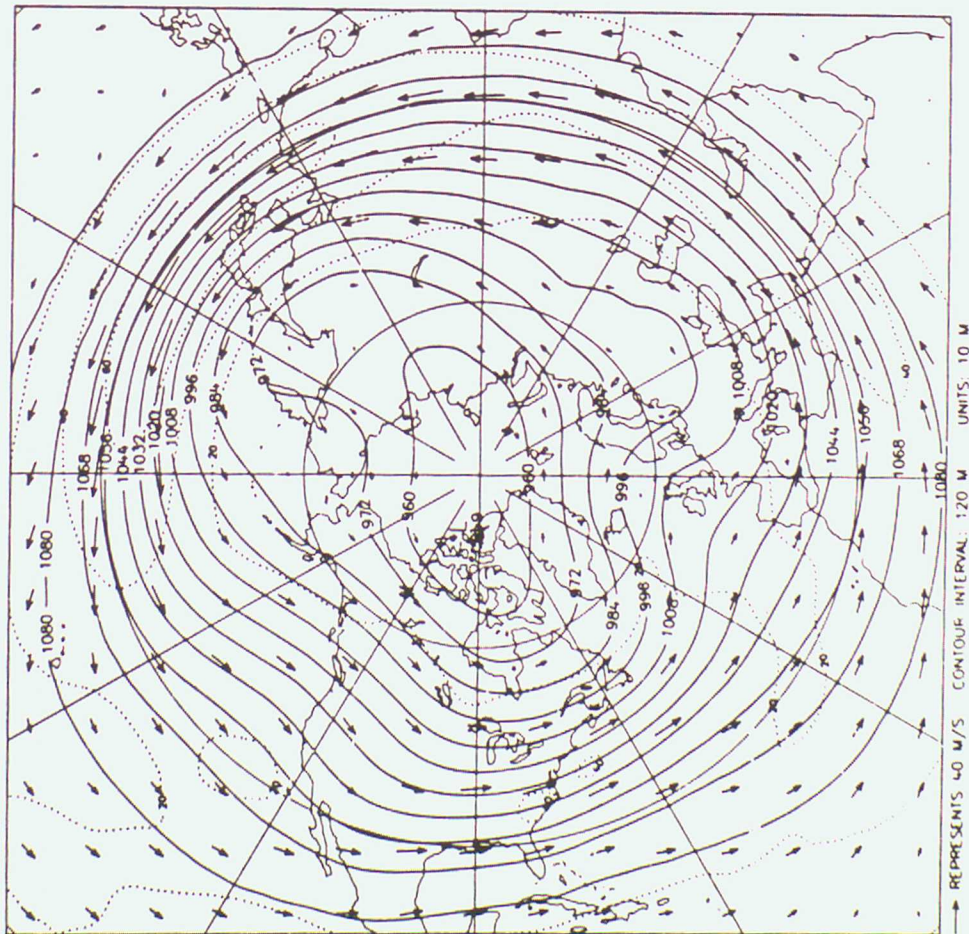
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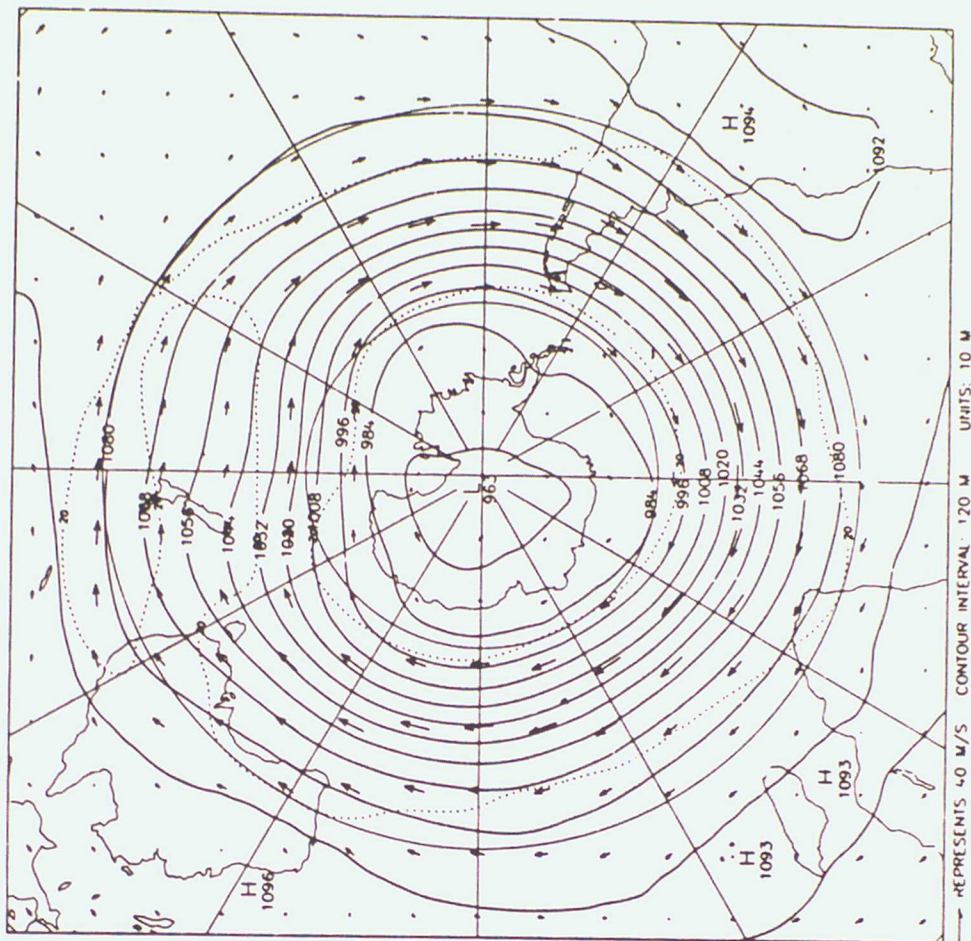
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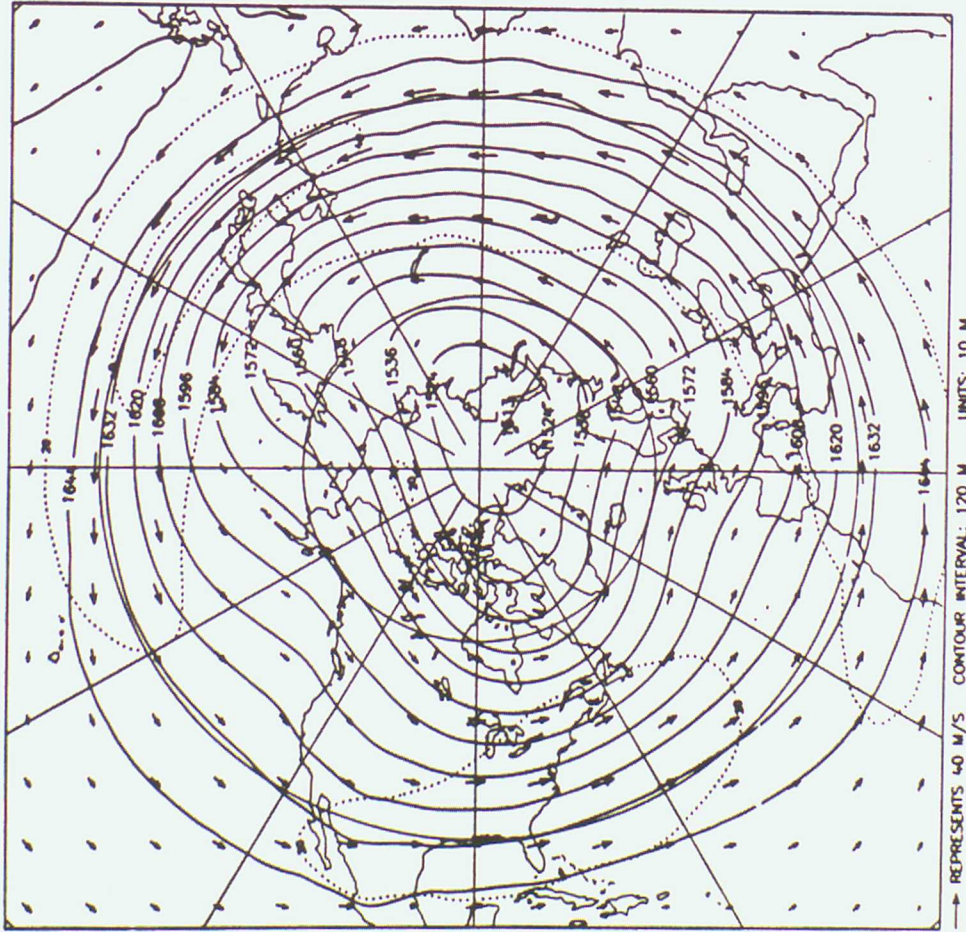
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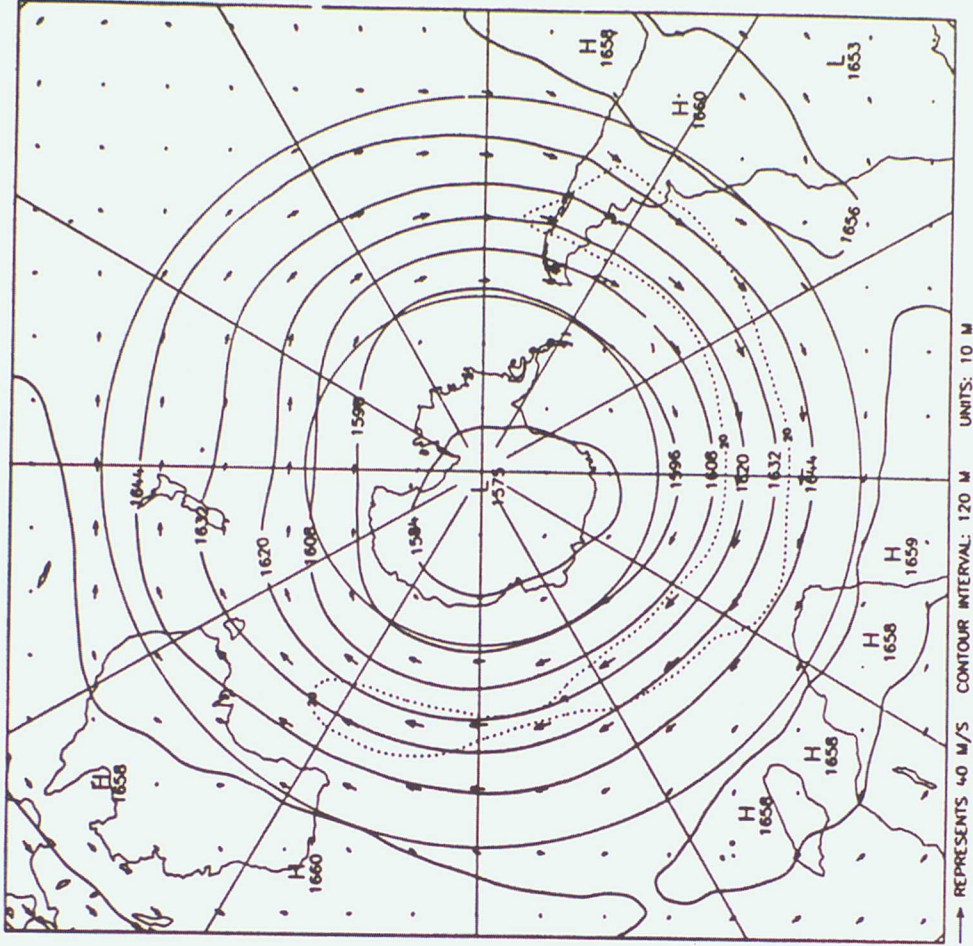
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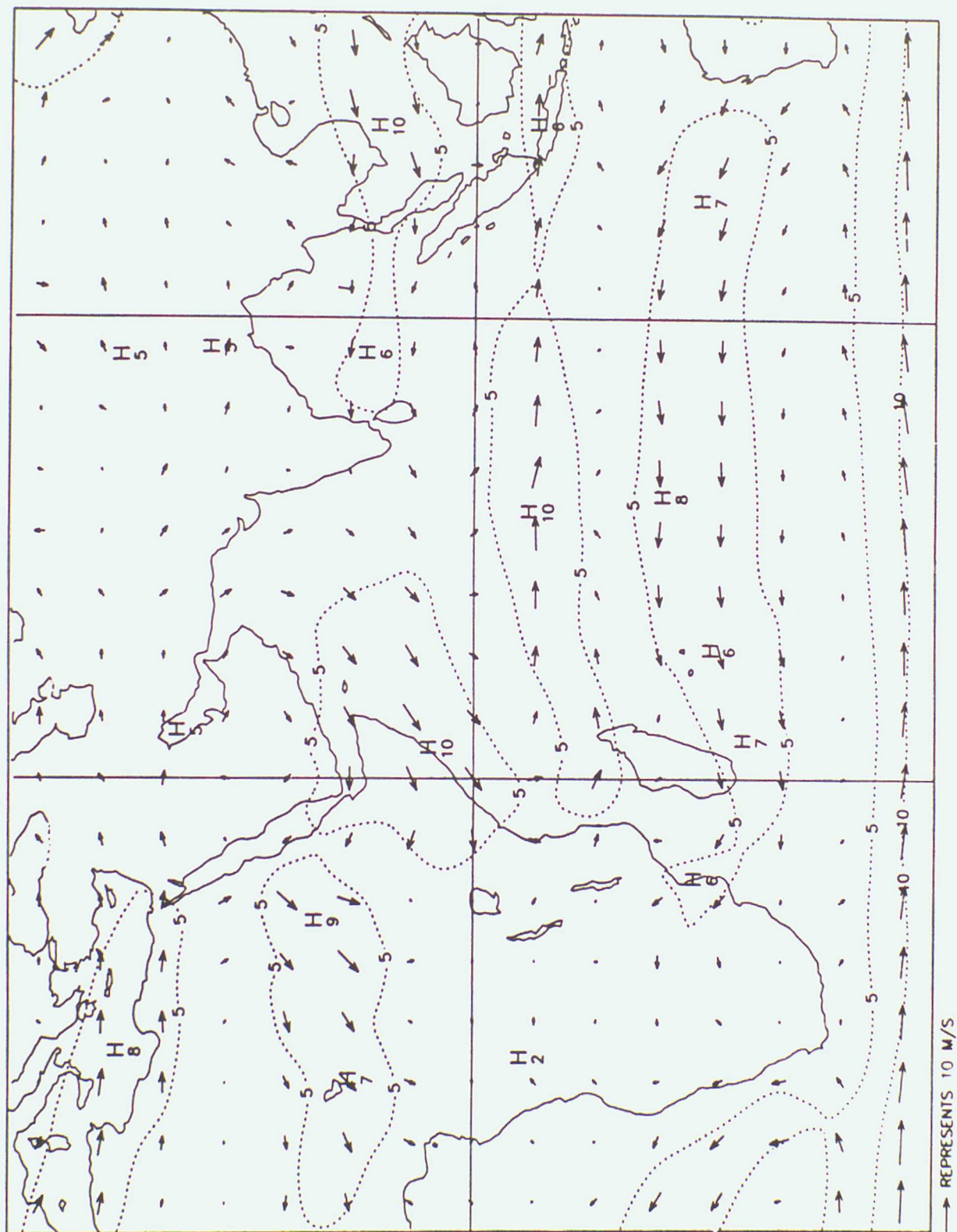
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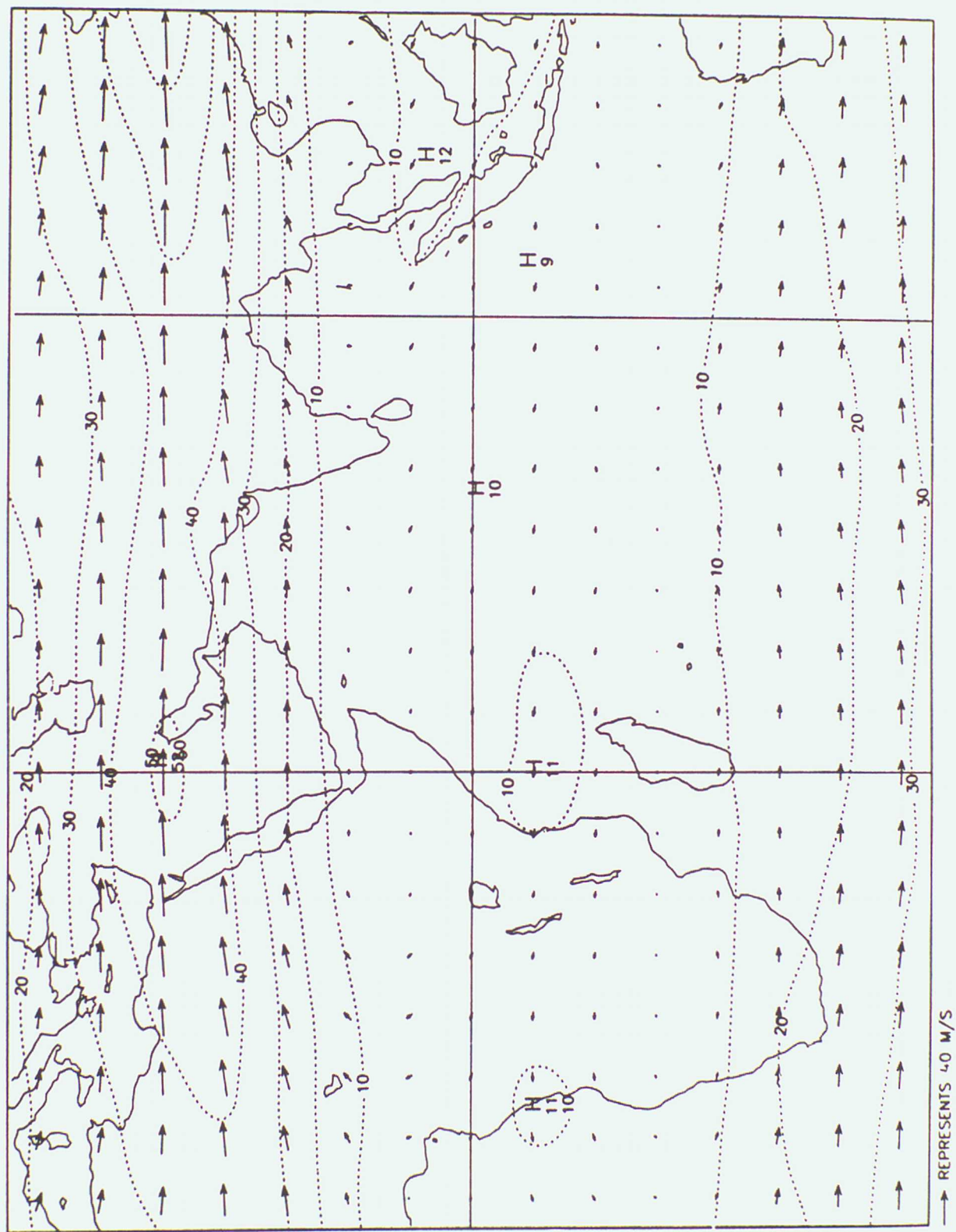
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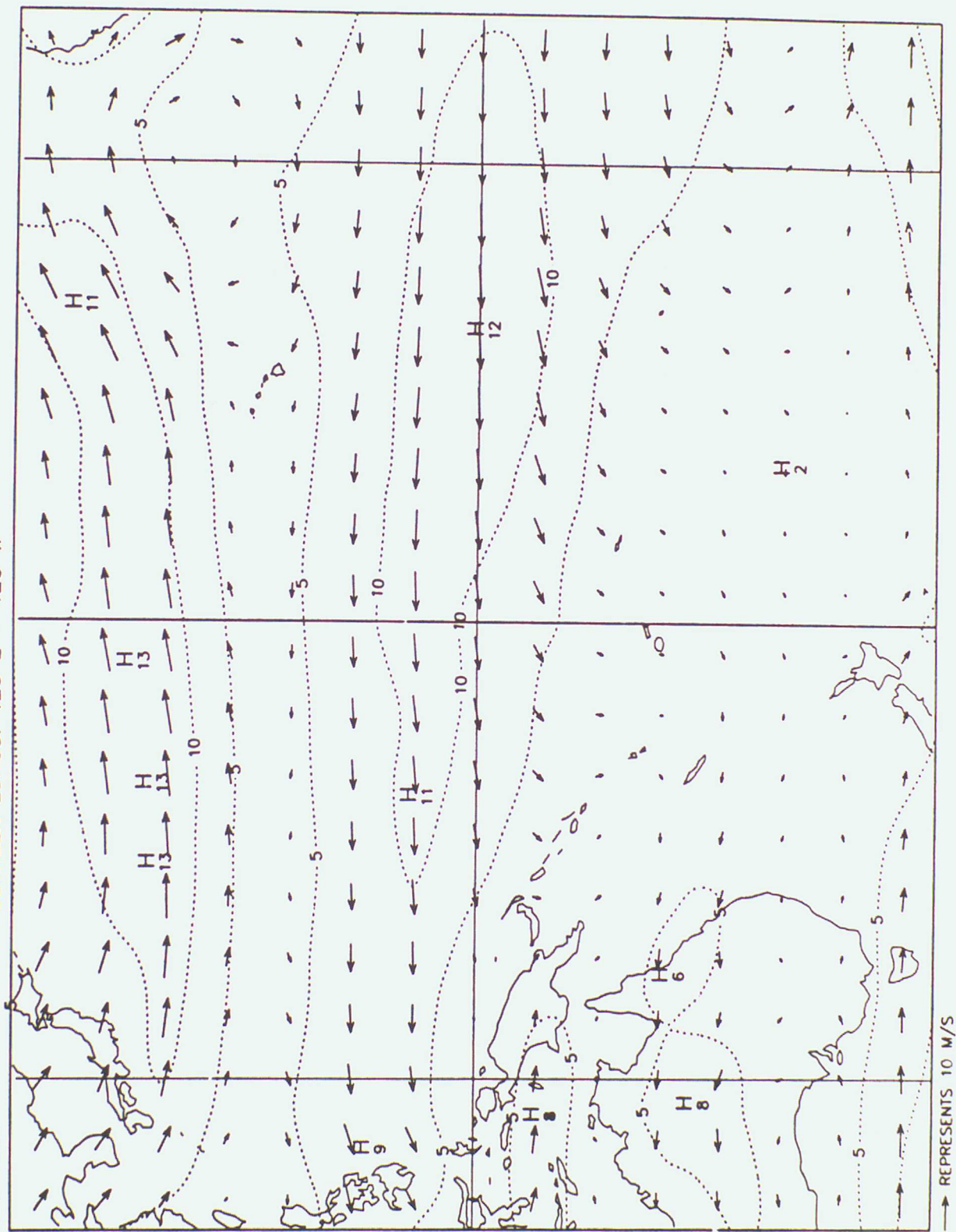
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AVERAGE FROM 0Z ON 1/2/1984 DAY 32 TO 12Z ON 28/2/1986 DAY 59
850 MBS. BETWEEN LONGS. 0 E - 120 E



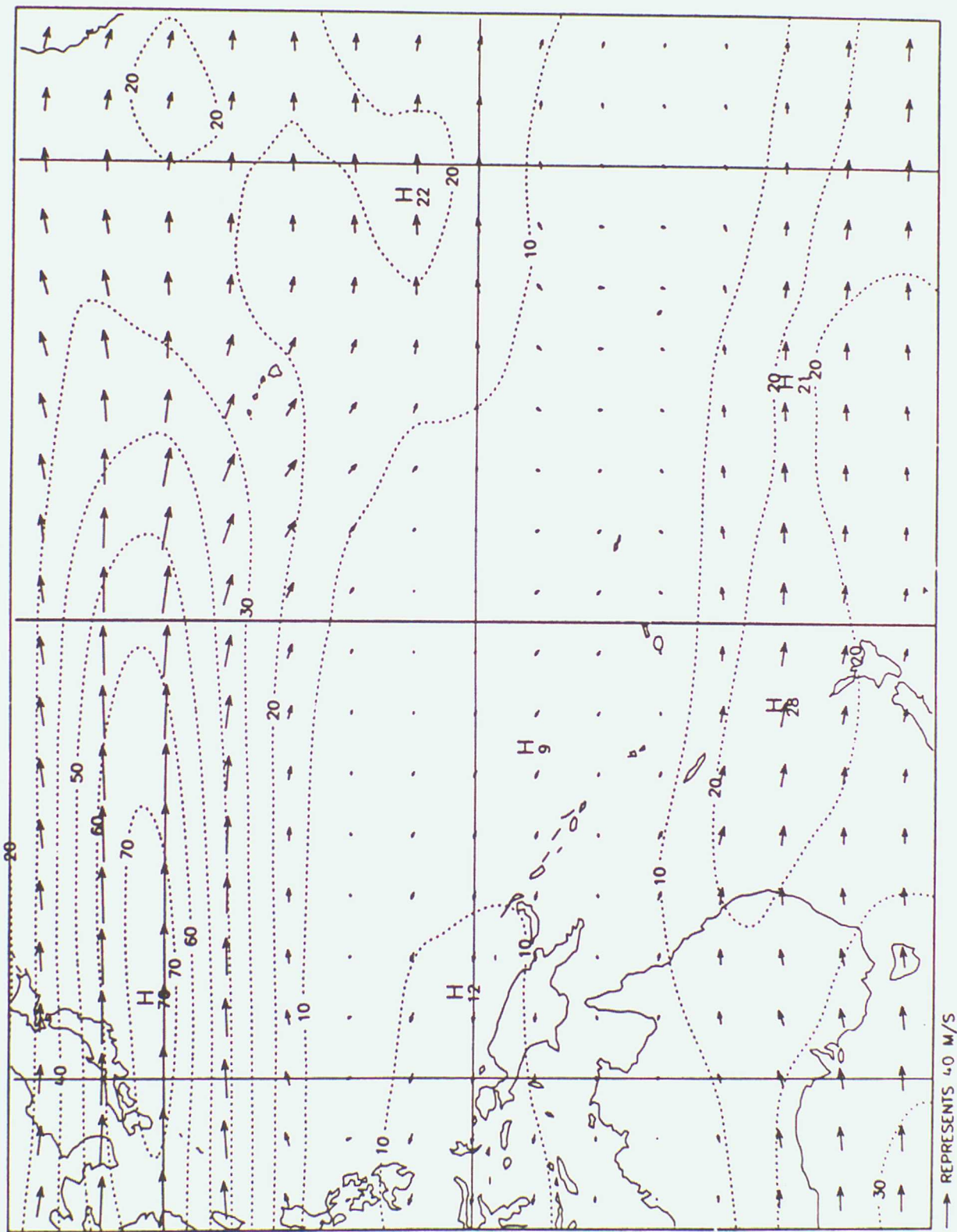
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 BETWEEN LONGS. 0 E - 120 E
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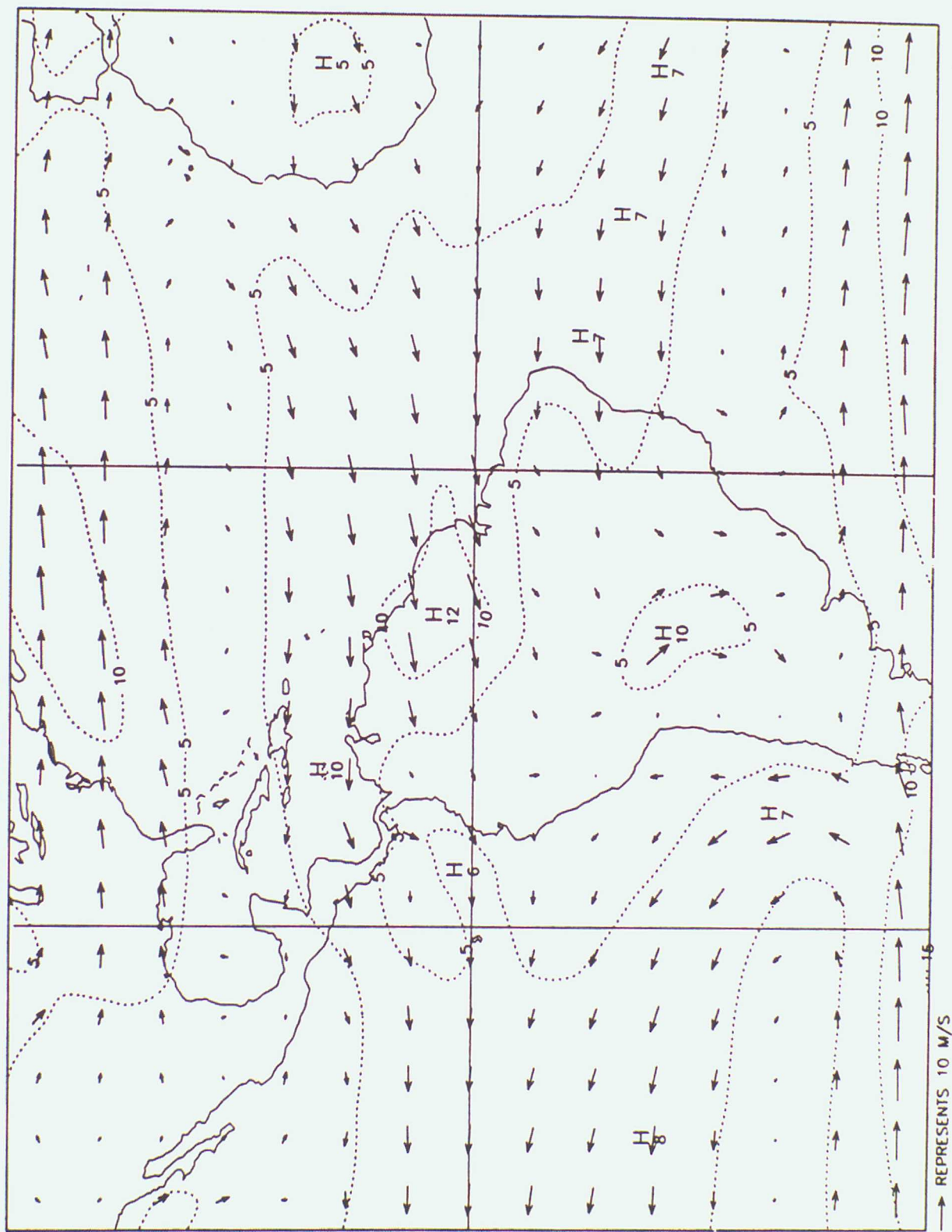
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850 MBs.
BETWEEN LONGS. 120 E - 120 W



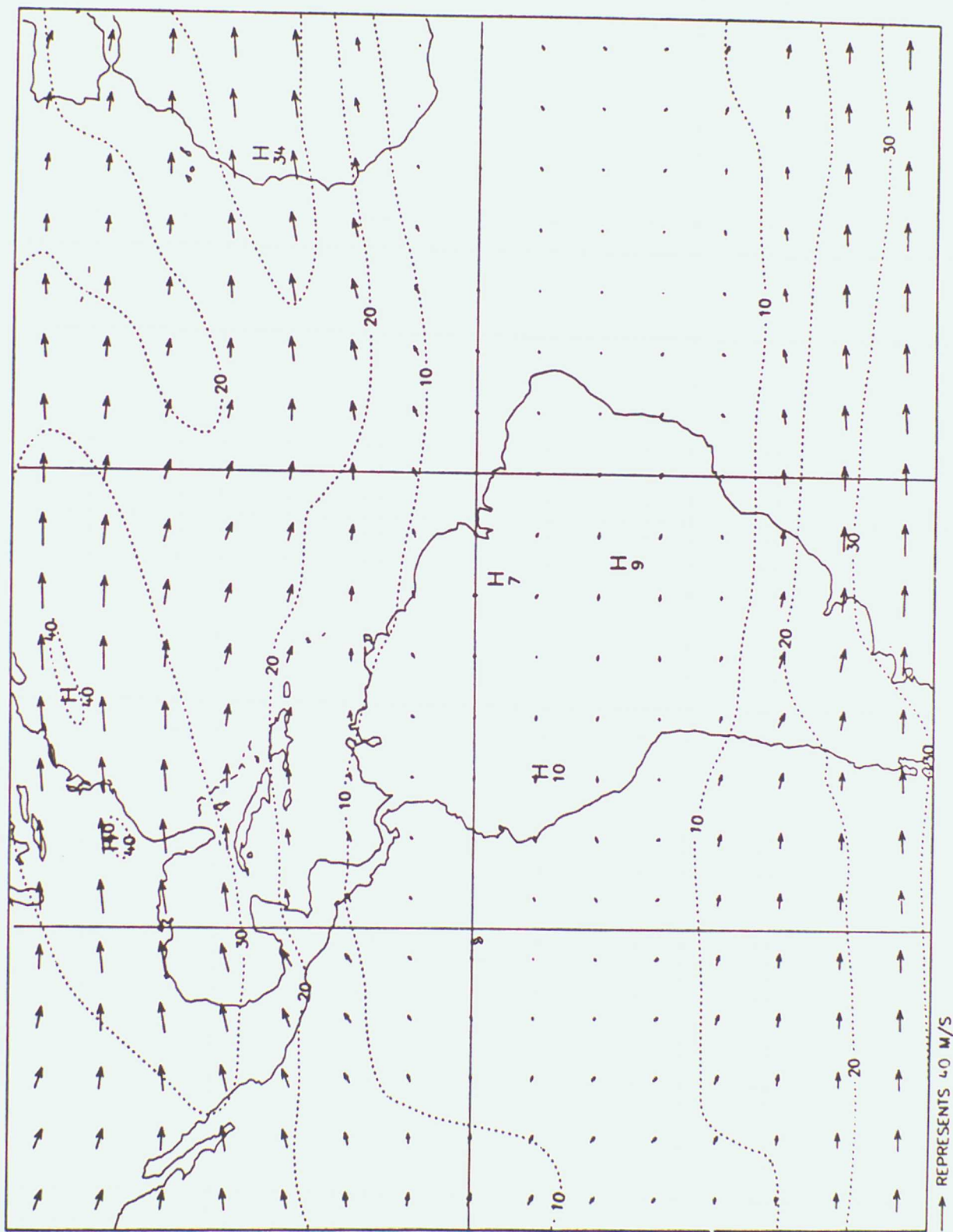
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 AVERAGE FROM 0Z ON 1/2/1984 DAY 32 TO 12Z ON 28/2/1986 DAY 59
 250 MBS.
 BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. FEBRUARY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATs. 45 N - 45 S.
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 850 MBS.
 BETWEEN LONGS. 120 W - 0 W

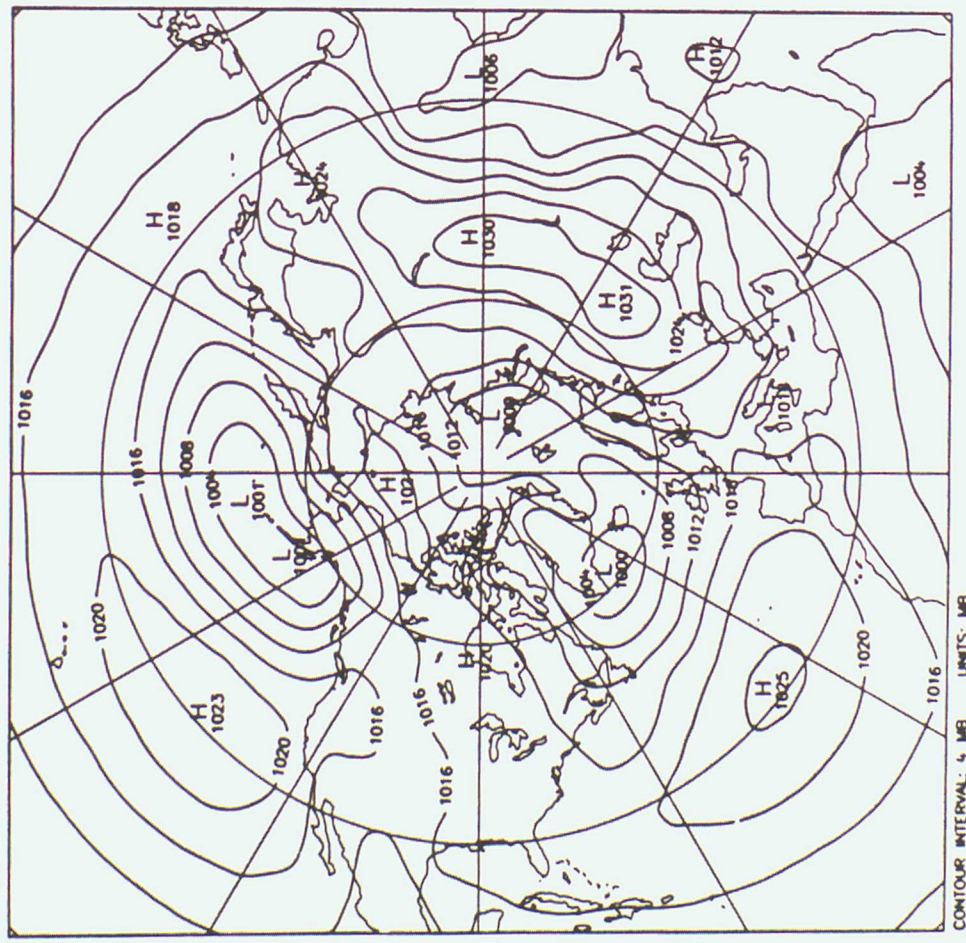


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WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
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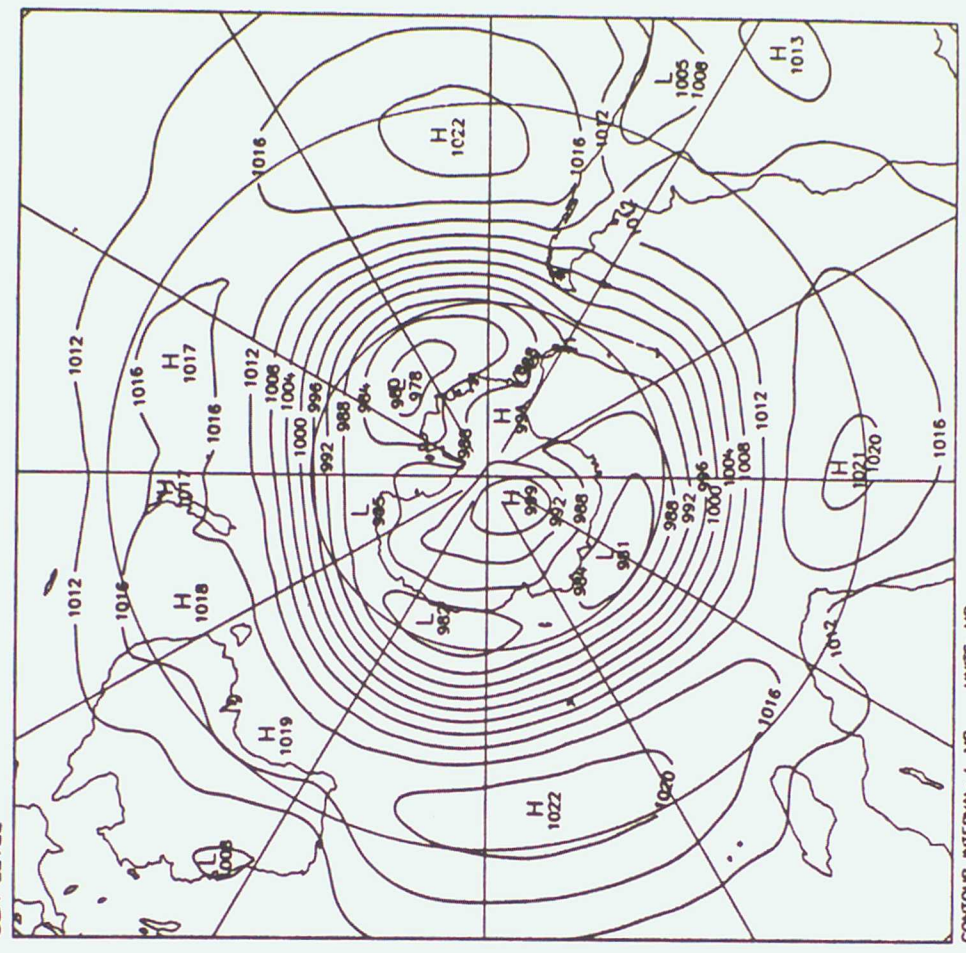
MARCH

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 PMSL
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1986 DAY 90
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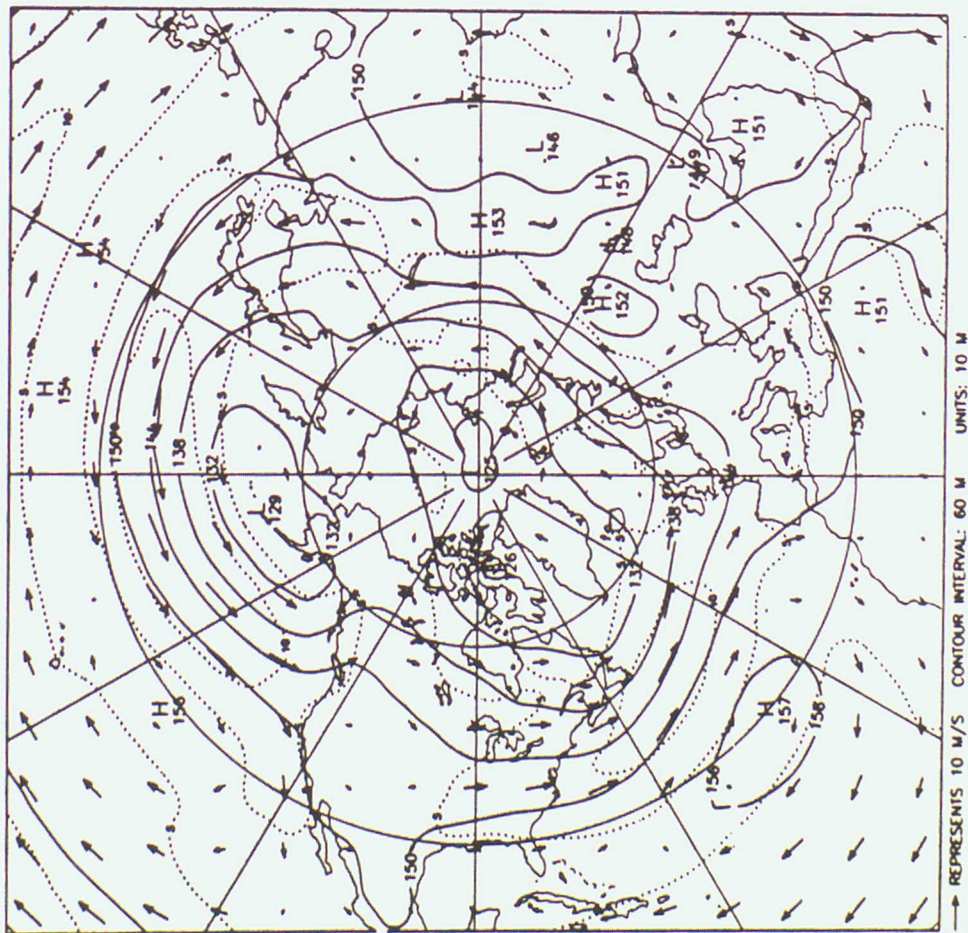
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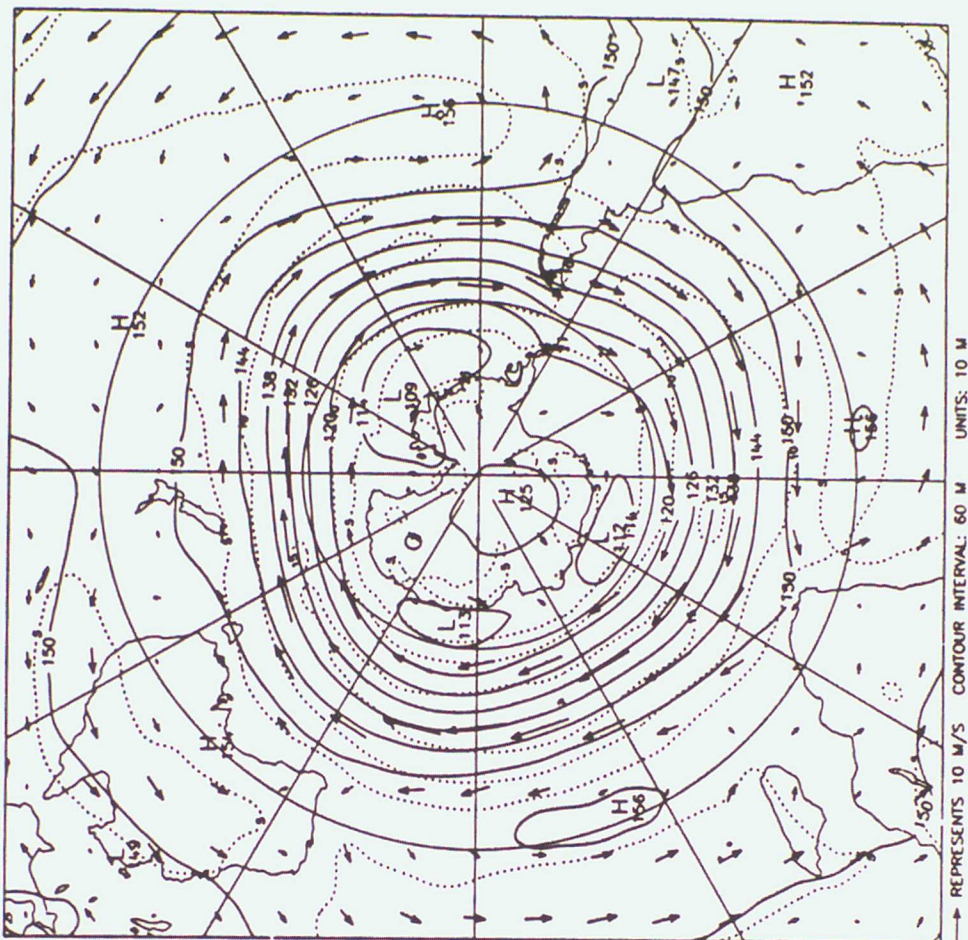
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OPERATIONAL ARCHIVE MEANS. MARCH CLIMATOLOGY
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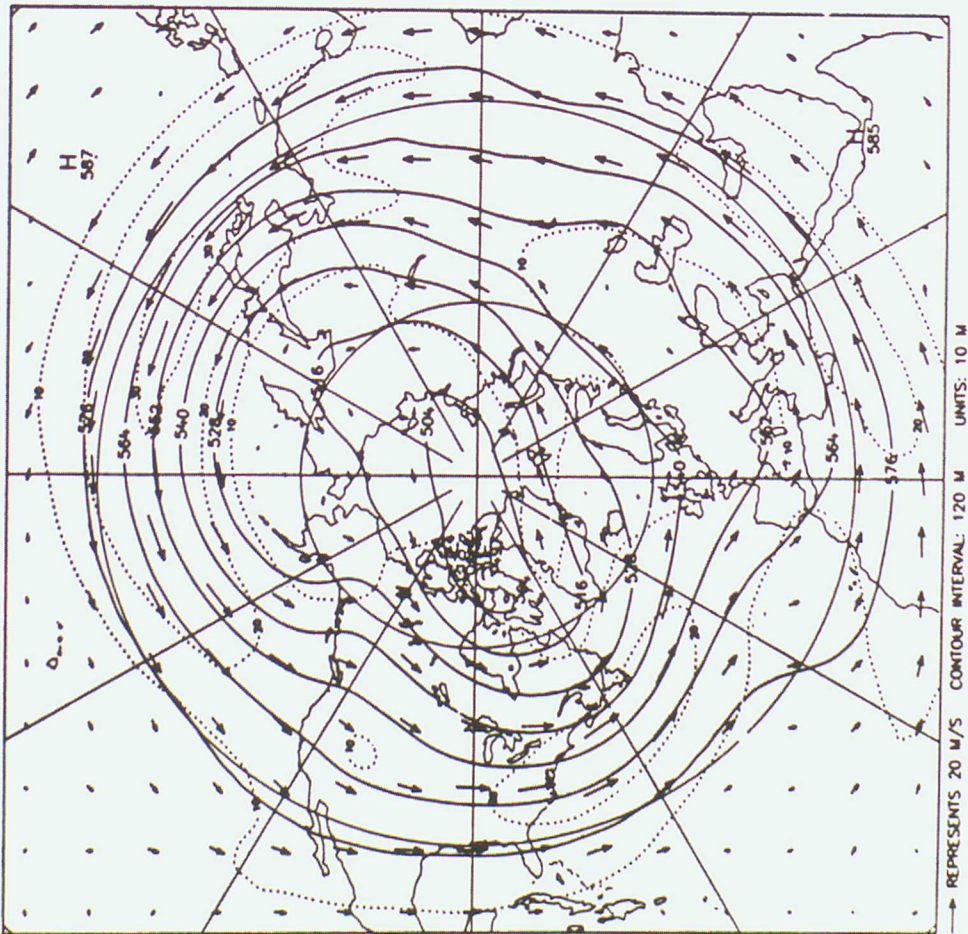
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OPERATIONAL ARCHIVE MEANS. MARCH CLIMATOLOGY
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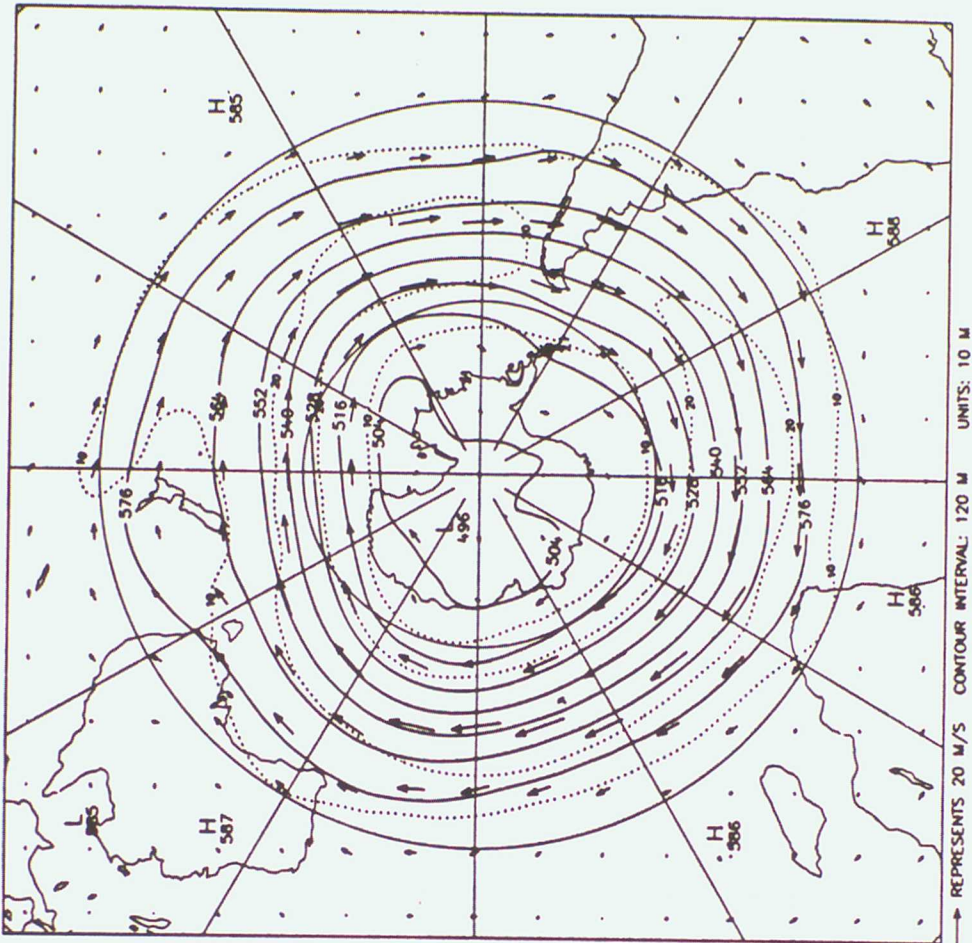


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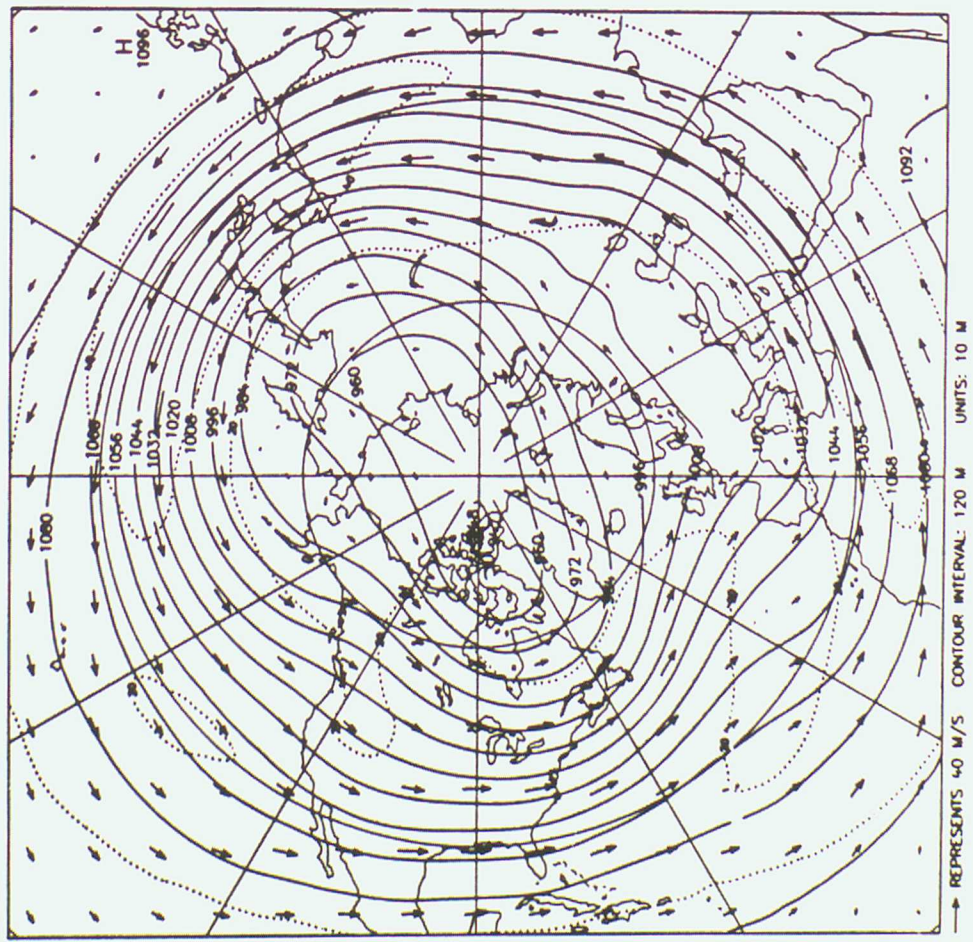
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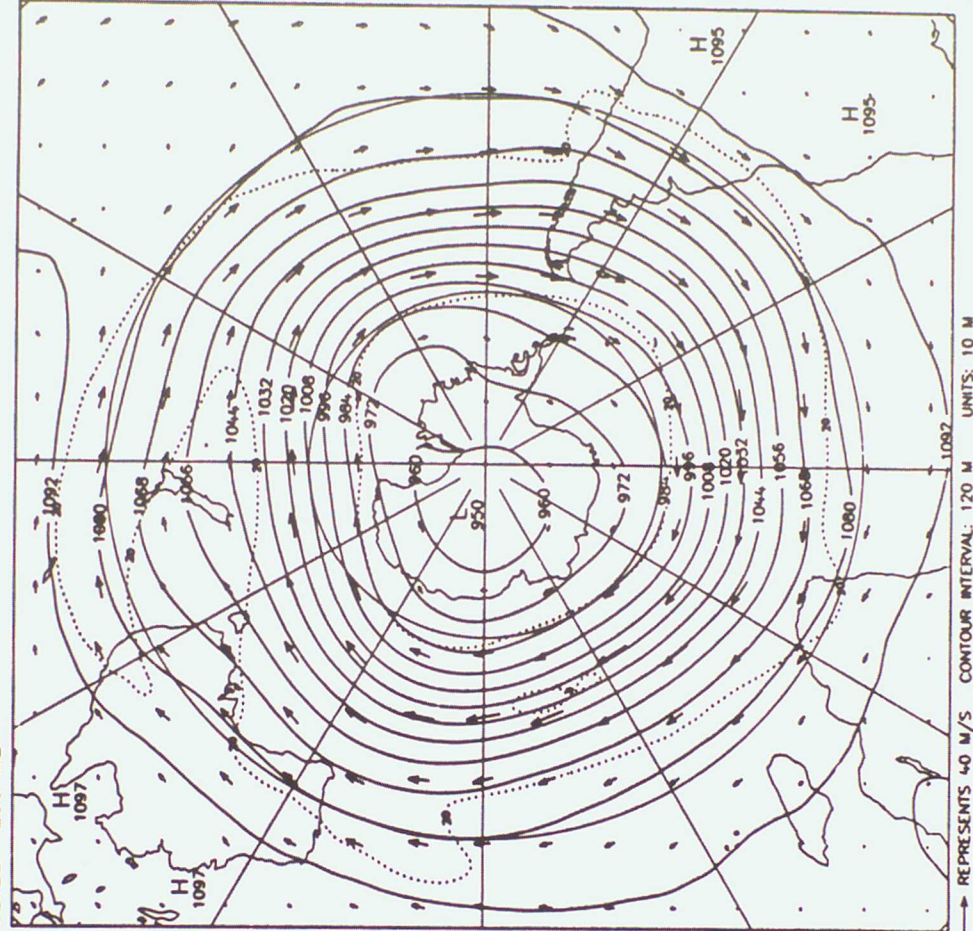
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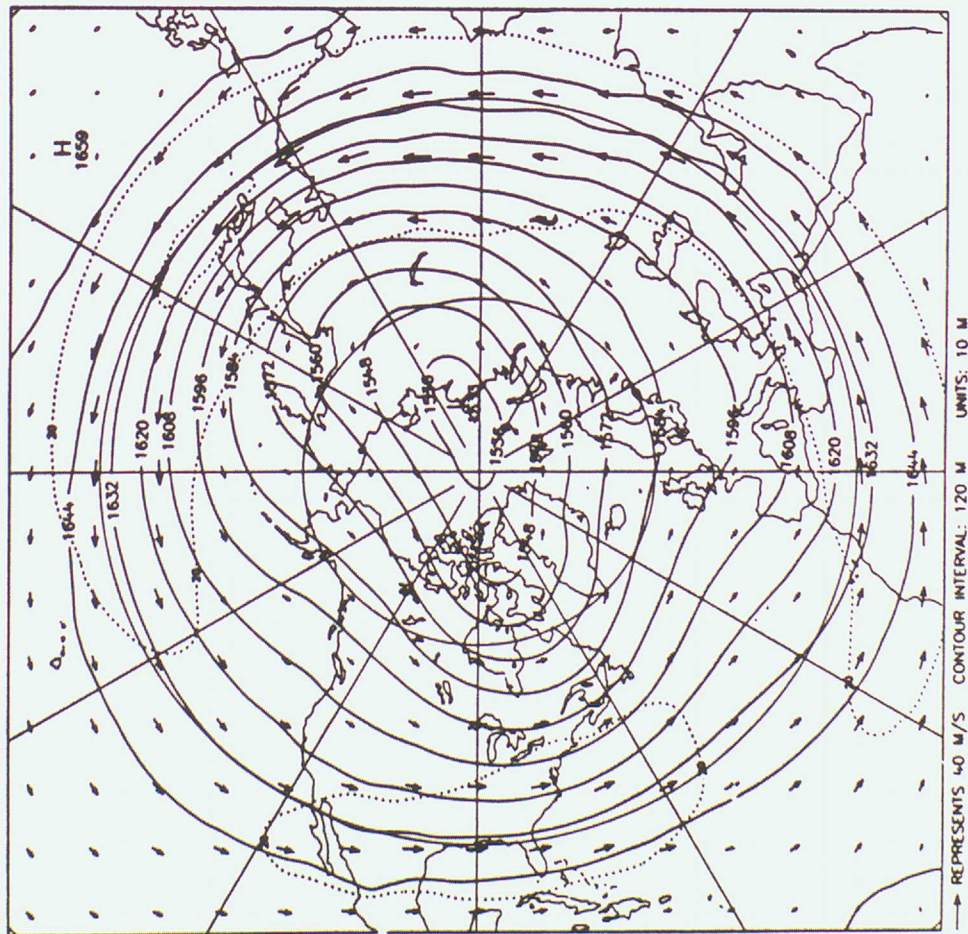
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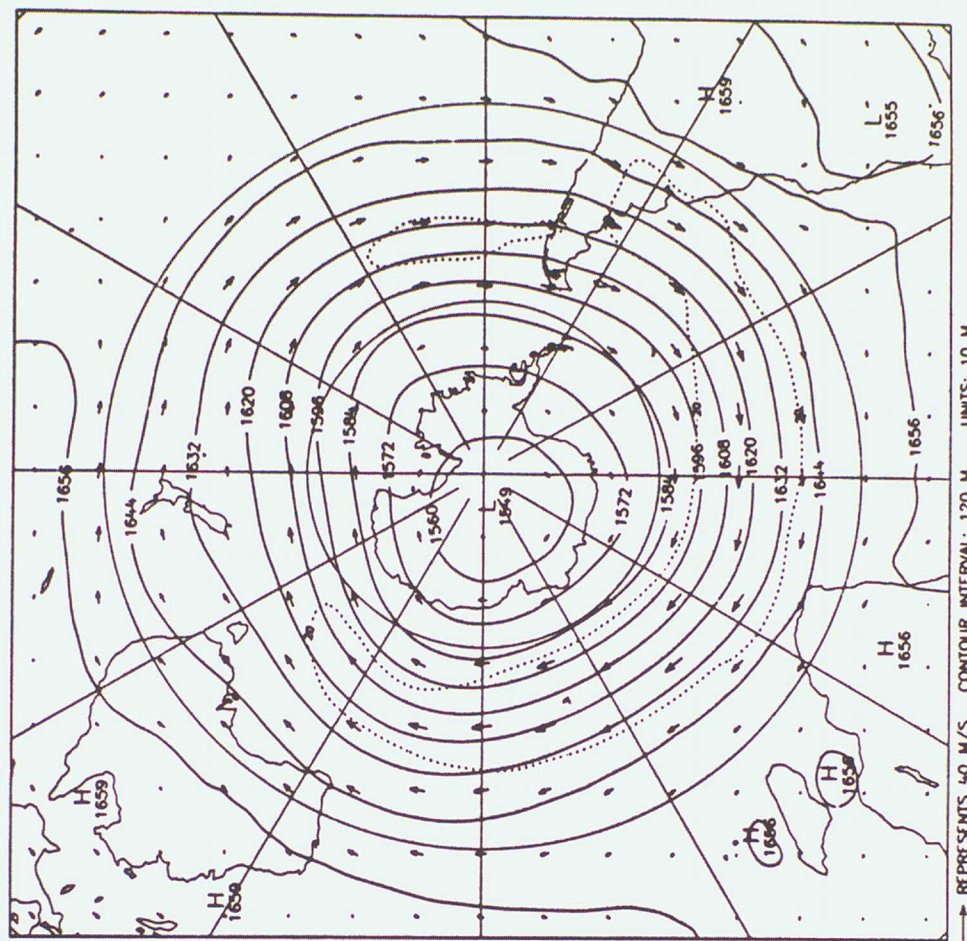
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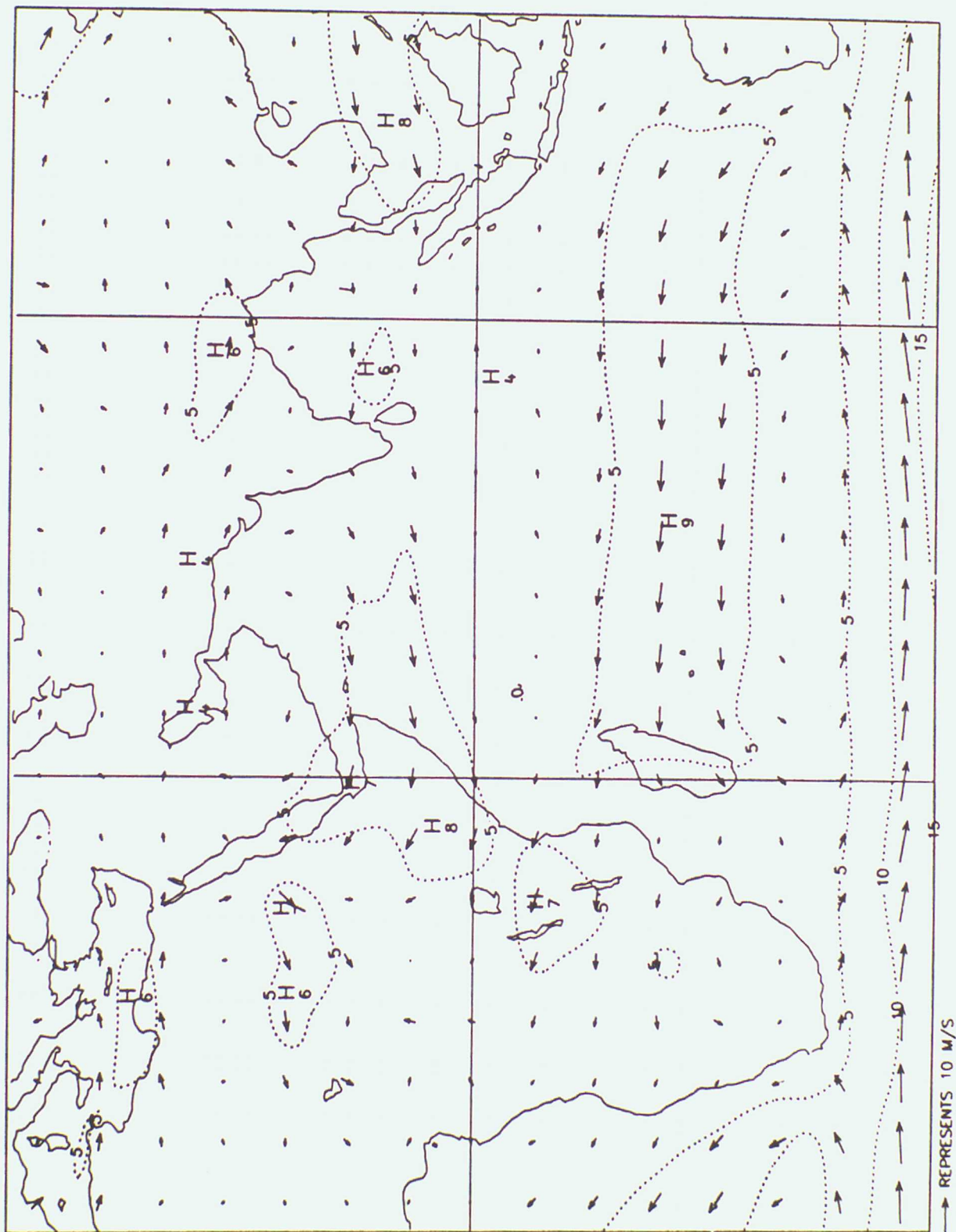
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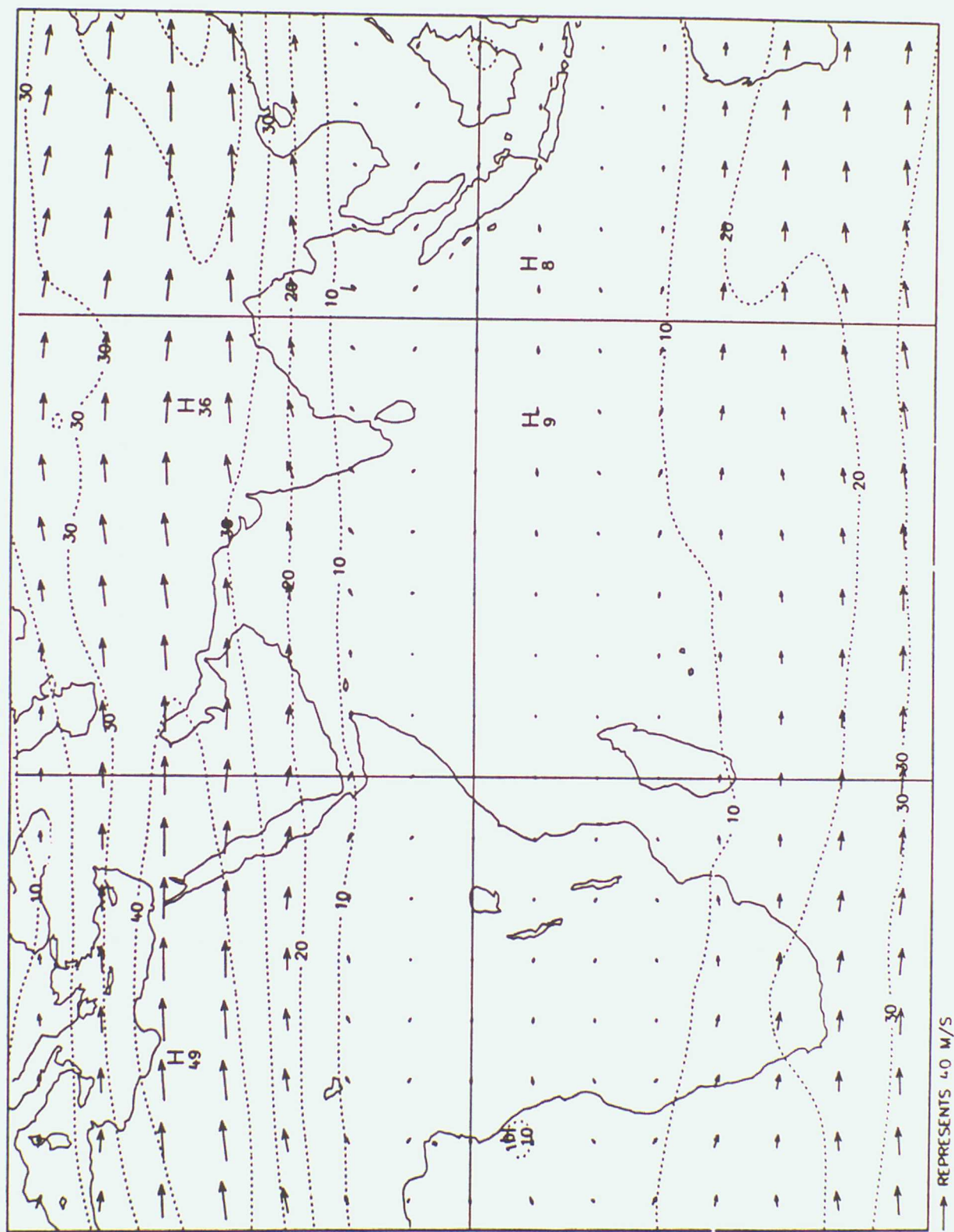
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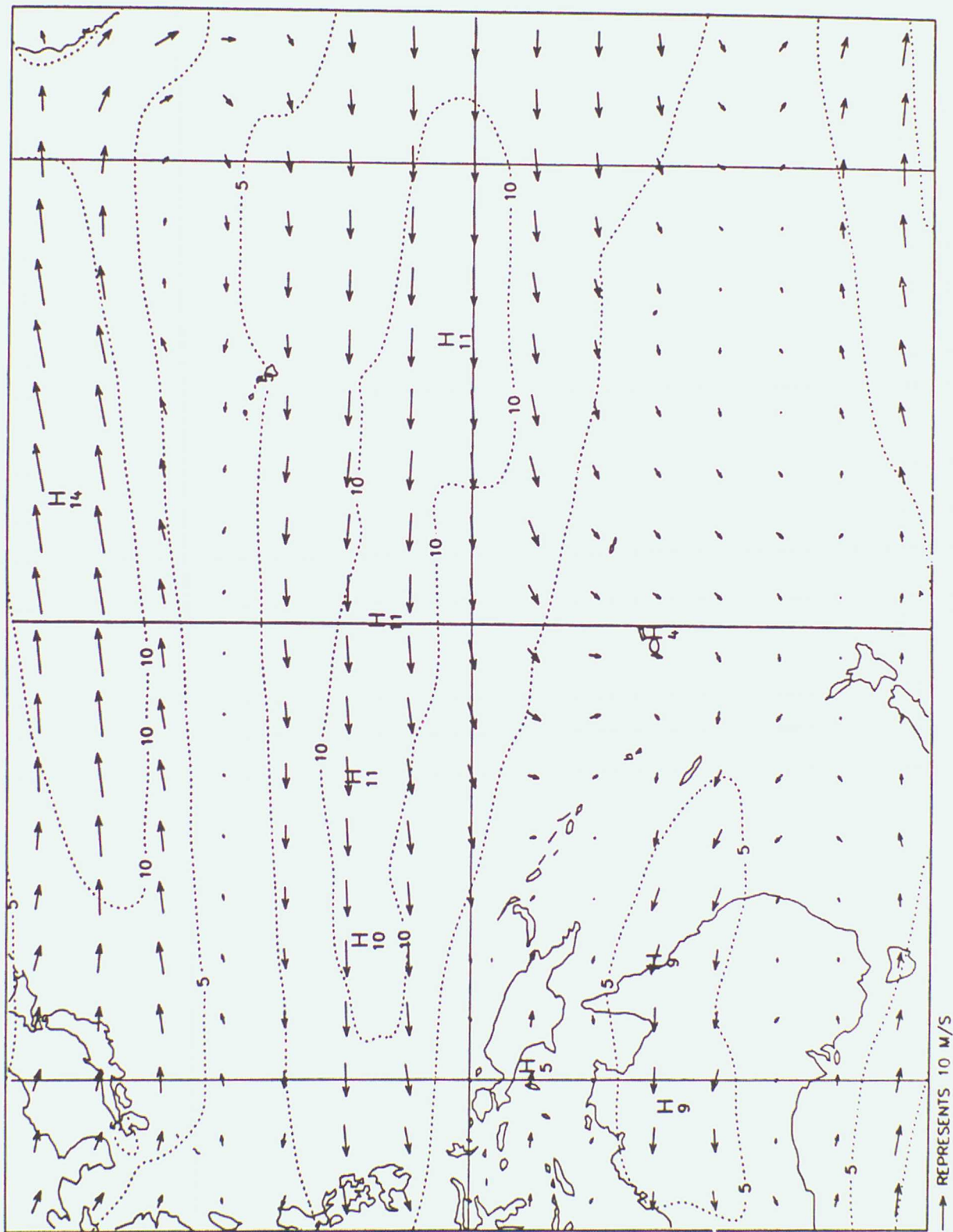
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WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1986 DAY 90
850 MBS. BETWEEN LONGS. 0 E - 120 E



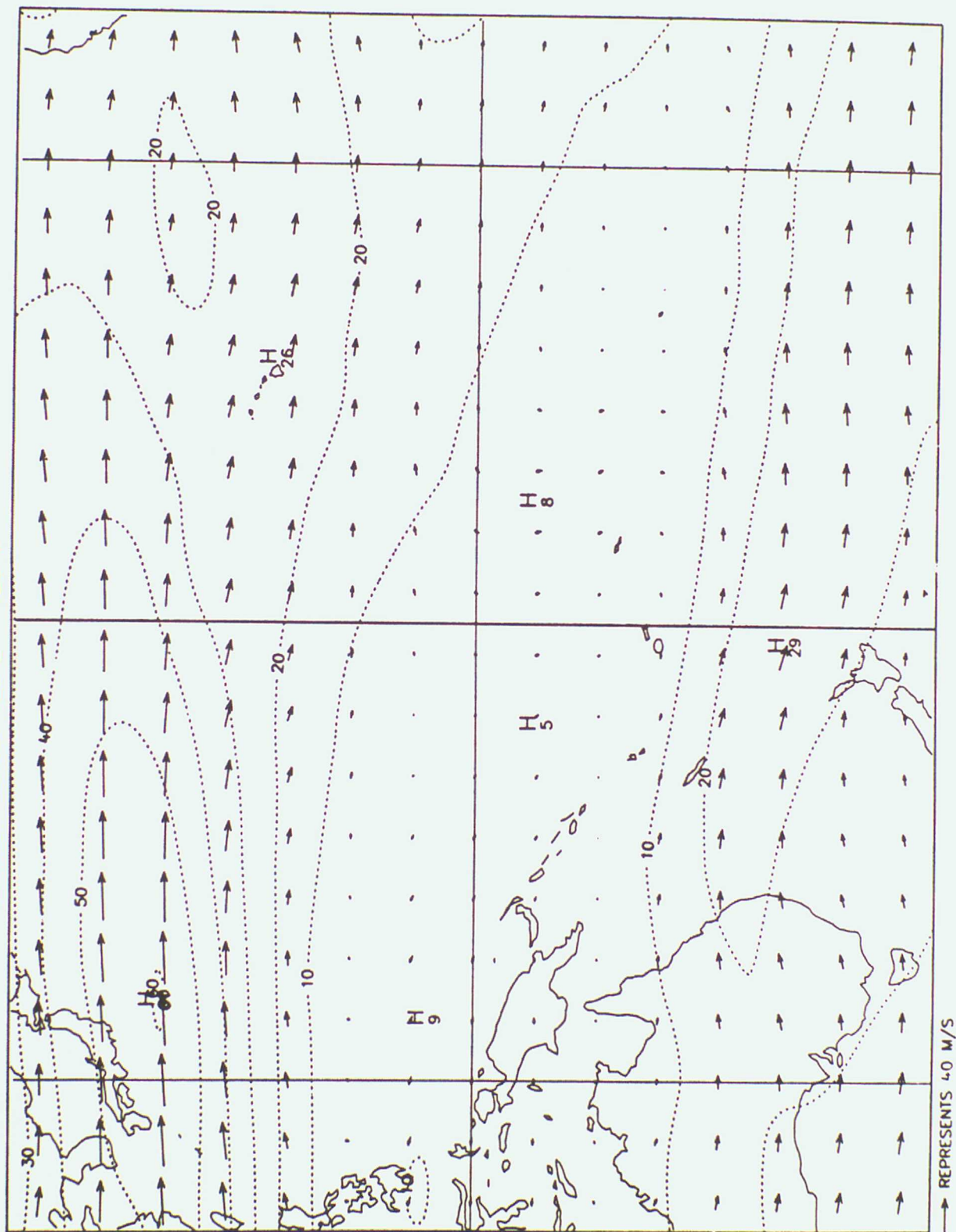
OPERATIONAL ARCHIVE MEANS. MARCH CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1986 DAY 90
 250 MBS. BETWEEN LONGS. 0 E - 120 E



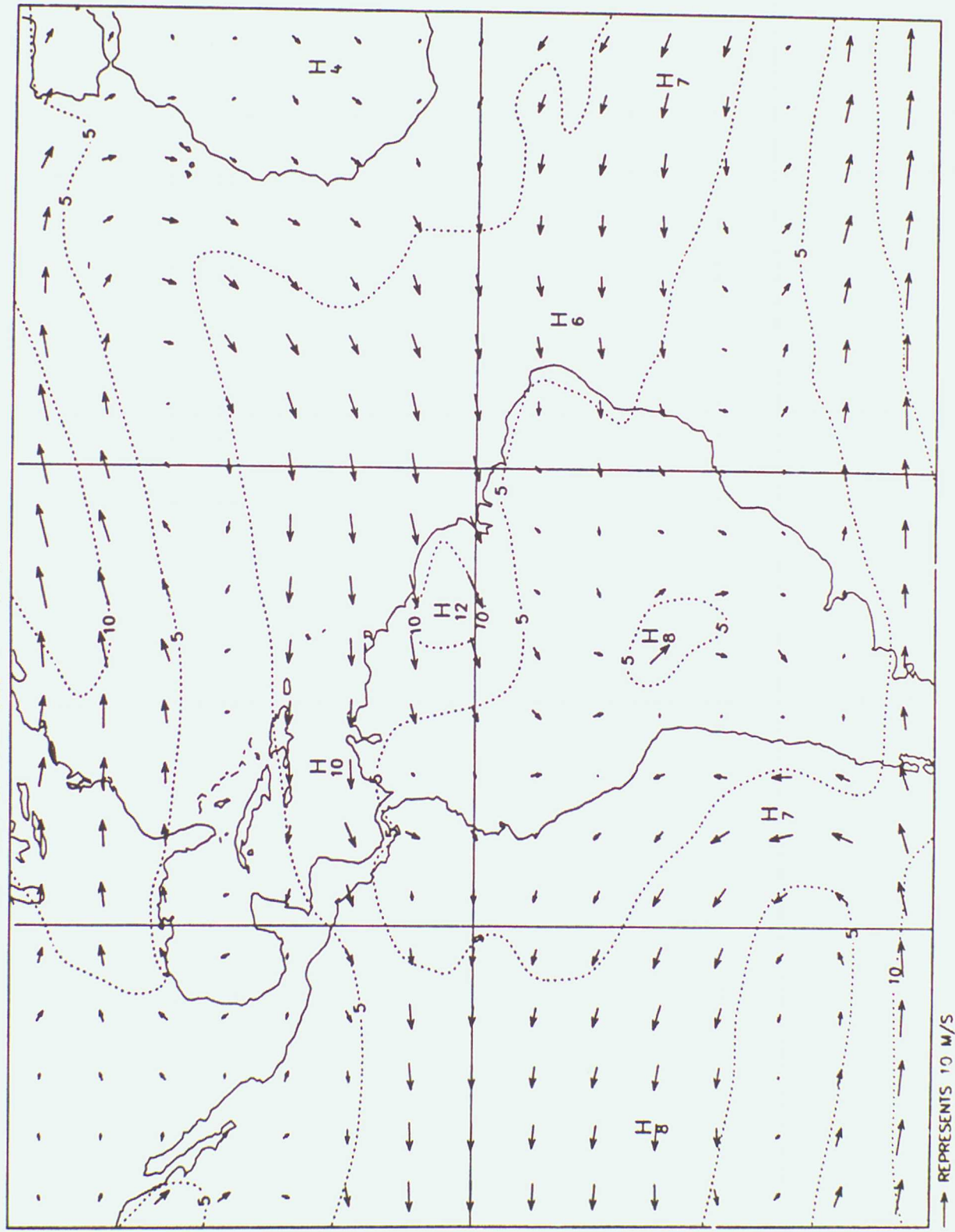
OPERATIONAL ARCHIVE MEANS. MARCH CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1986 DAY 90
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. MARCH CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1986 DAY 90
 250 MBS. BETWEEN LONGS. 120 E - 120 W

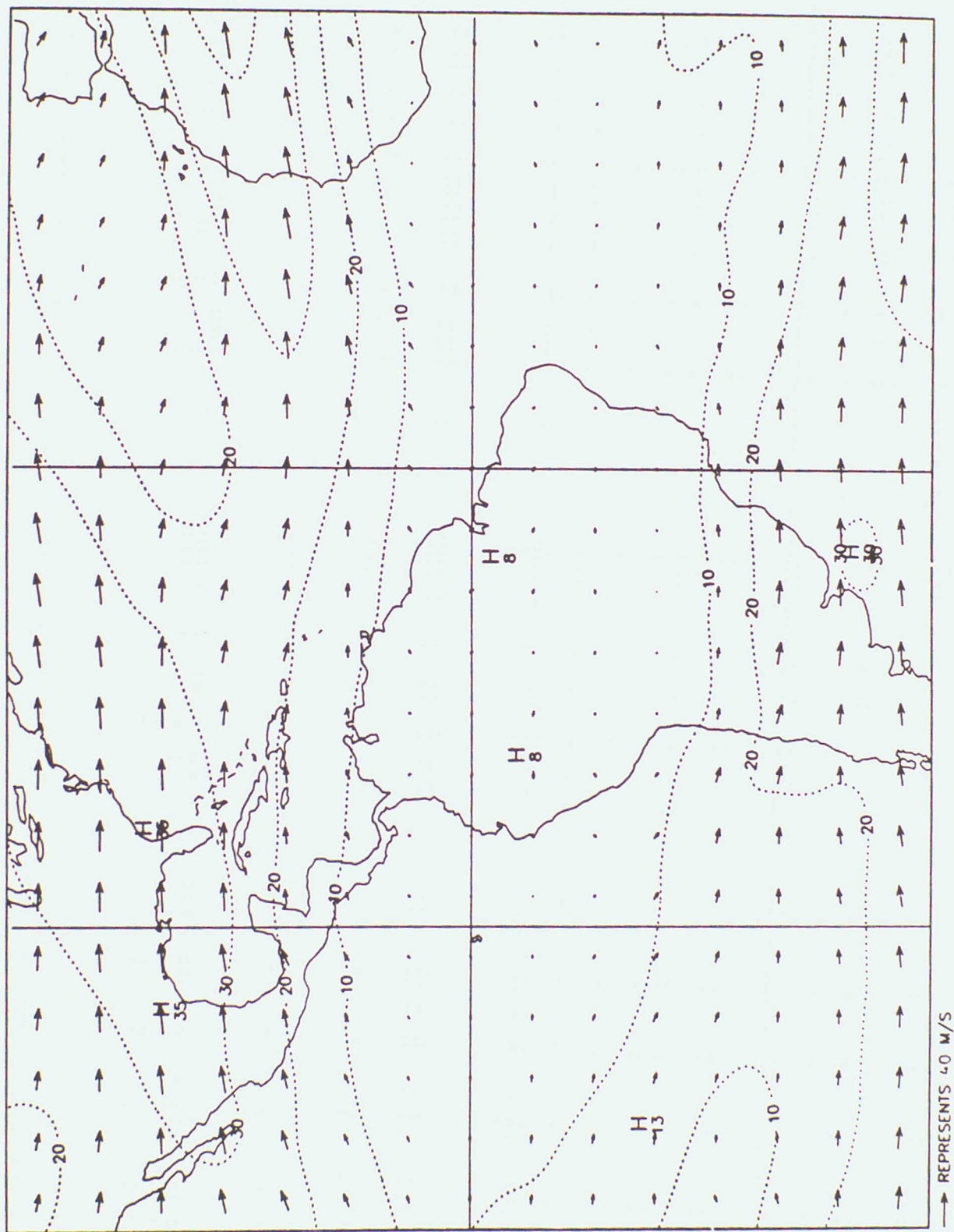


OPERATIONAL ARCHIVE MEANS. MARCH CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1986 DAY 90
 850 MBS. BETWEEN LONGS. 120 W - 0 W



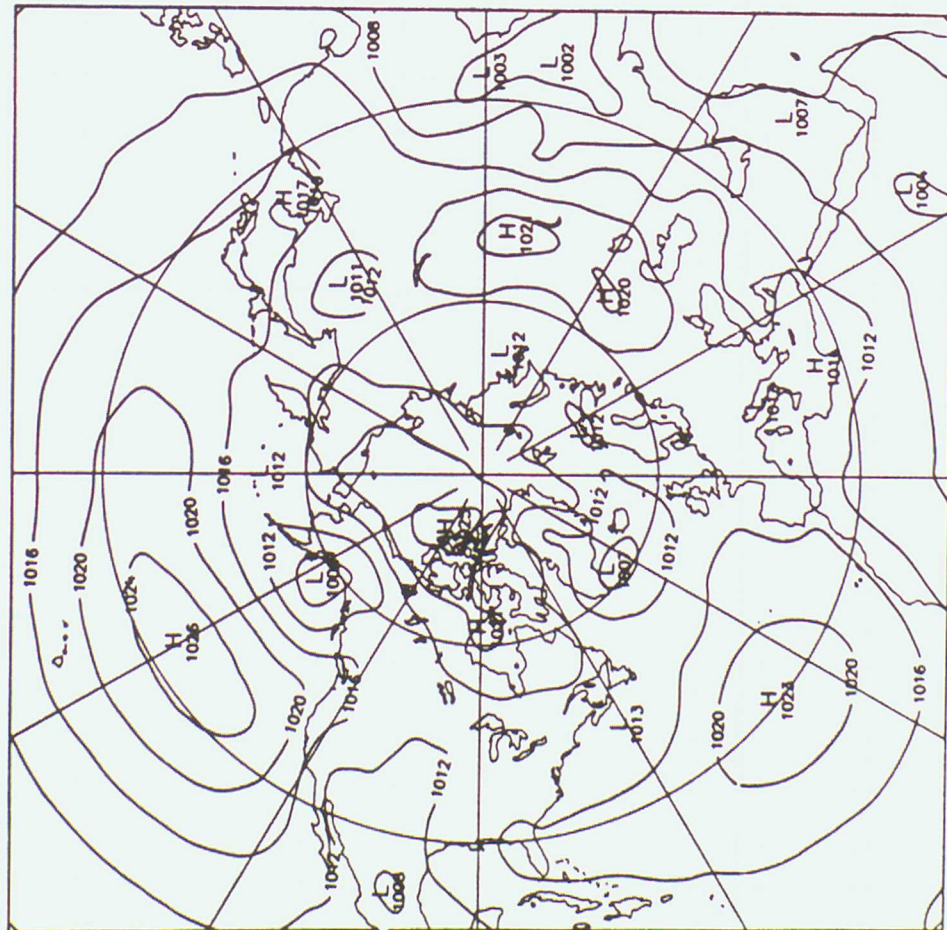
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. MARCH CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/3/1986 DAY 90
 250 MBS. BETWEEN LONGS. 120 W - 0 W



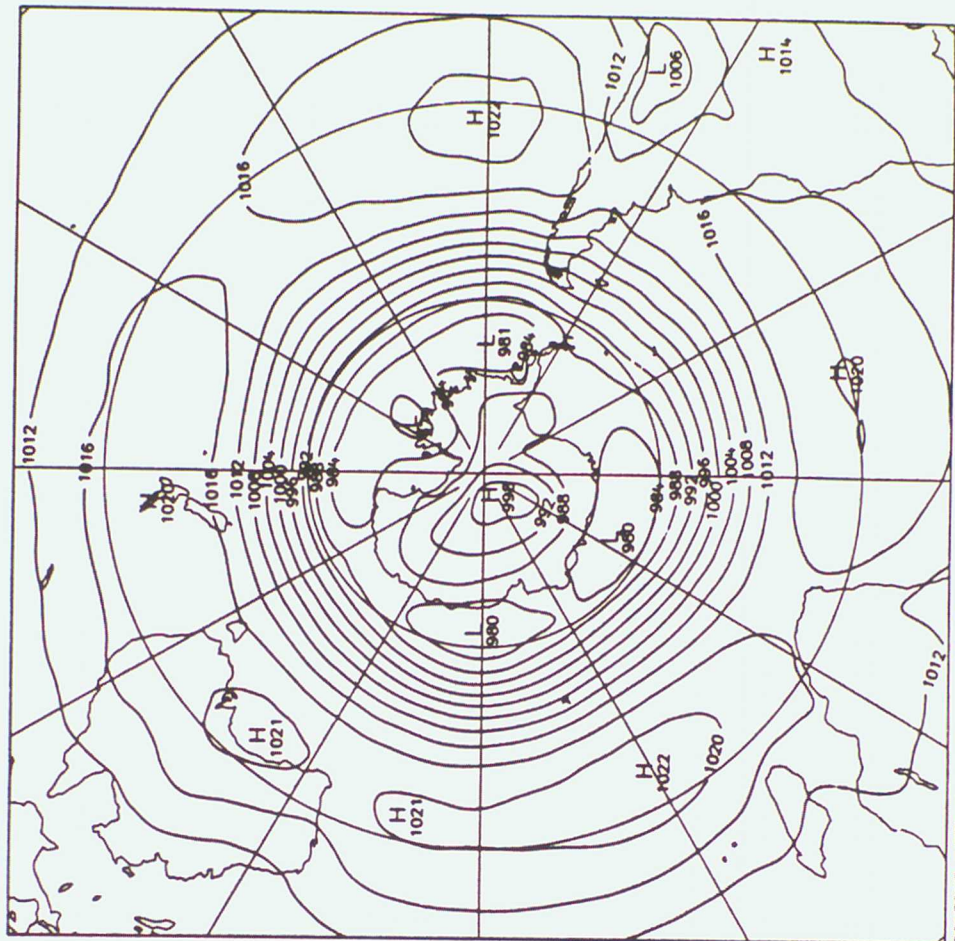
APRIL

OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
SEA LEVEL



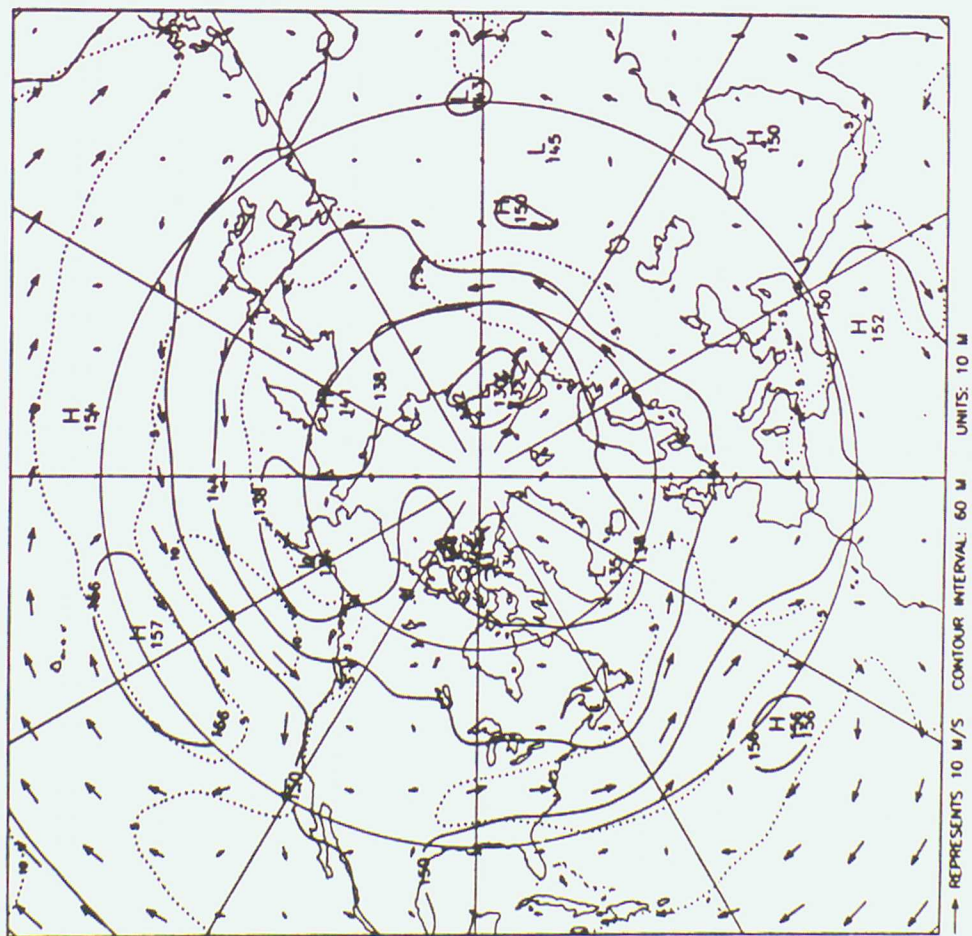
CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
SEA LEVEL

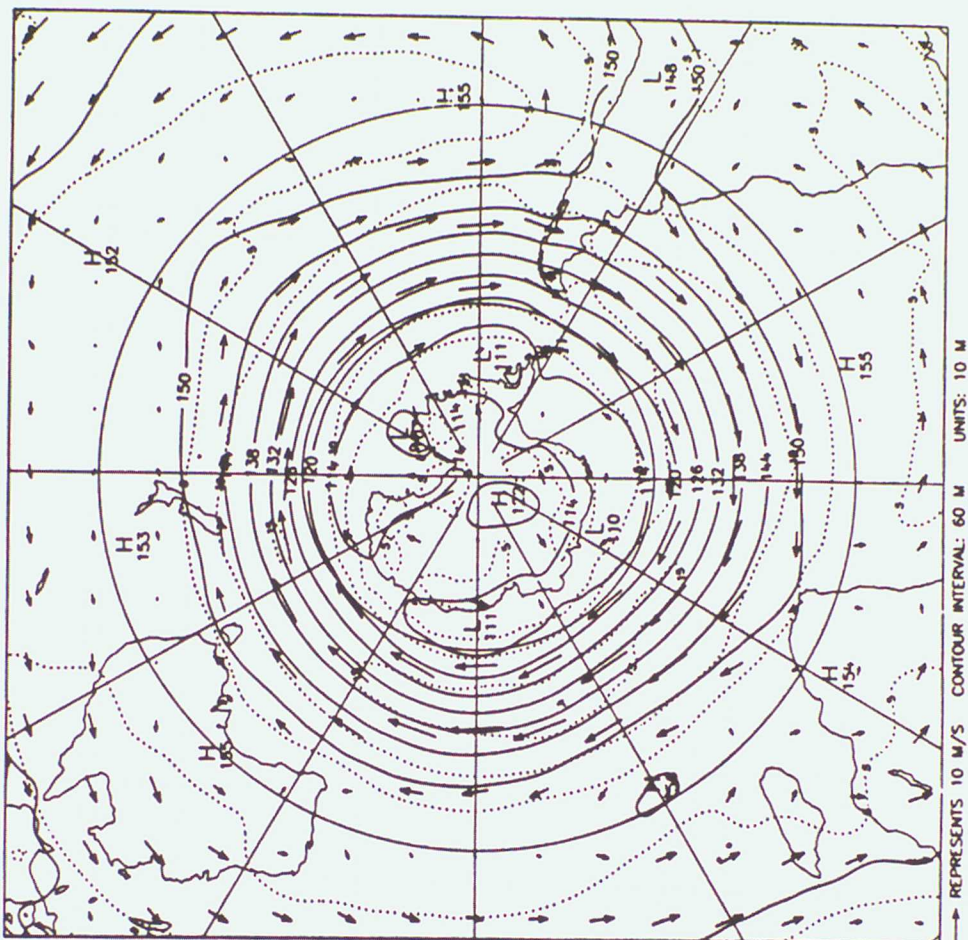


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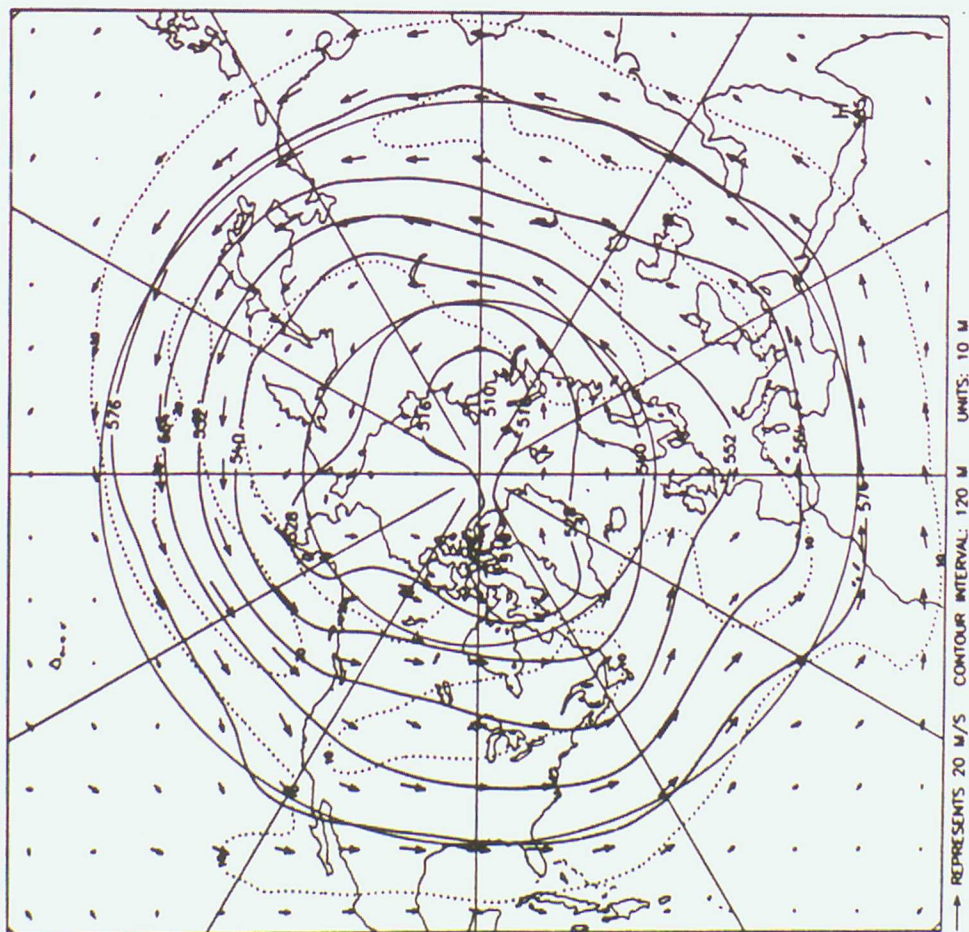
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 LEVEL: 850 MB



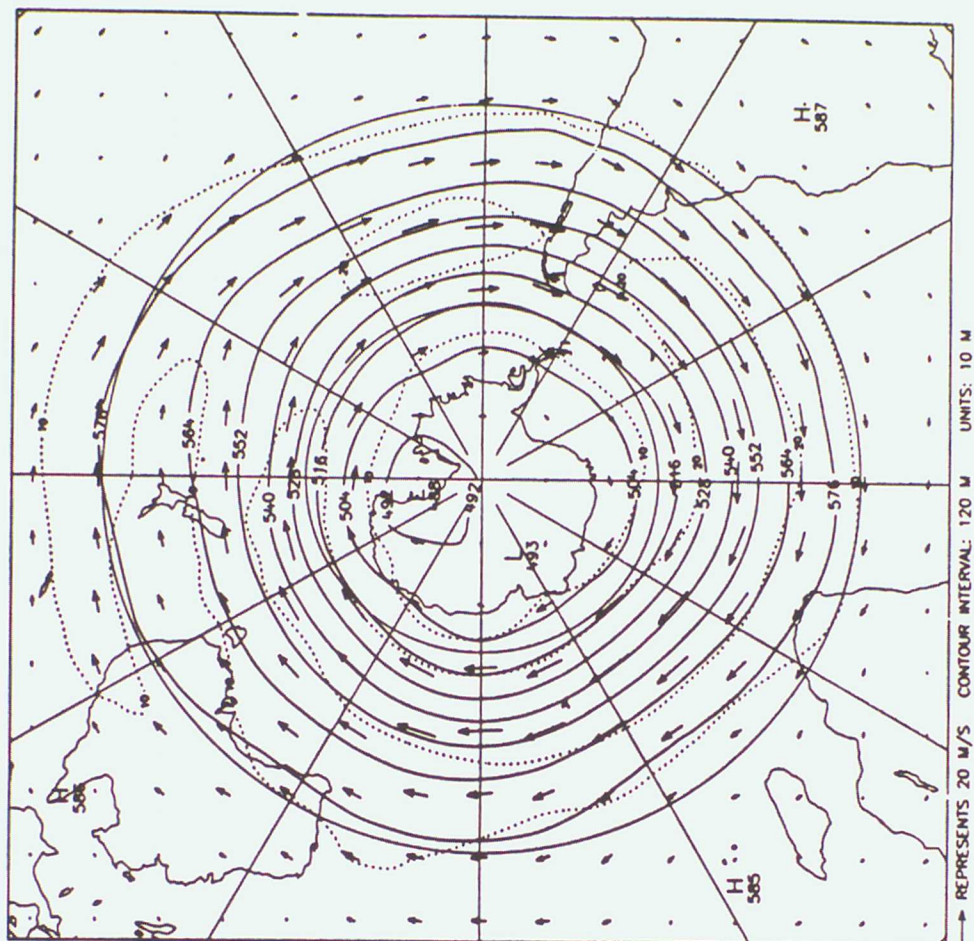
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 LEVEL: 850 MB



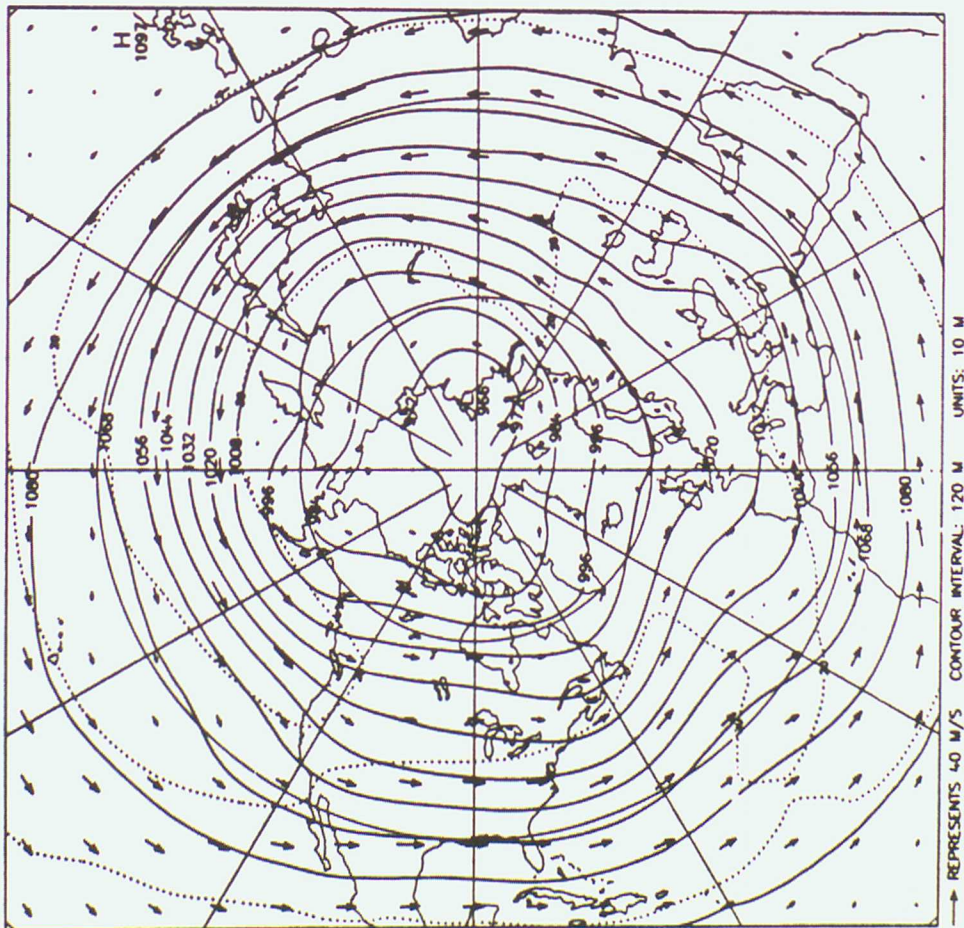
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 LEVEL: 500 MB



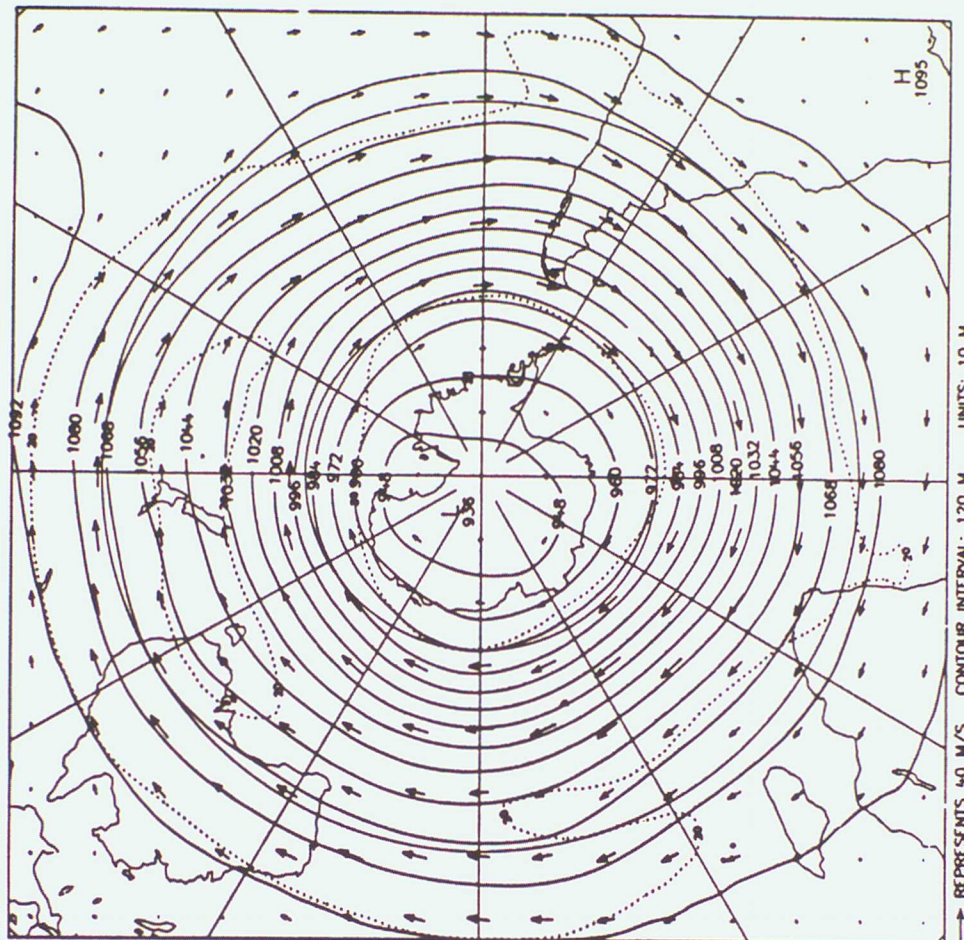
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 LEVEL: 500 MB



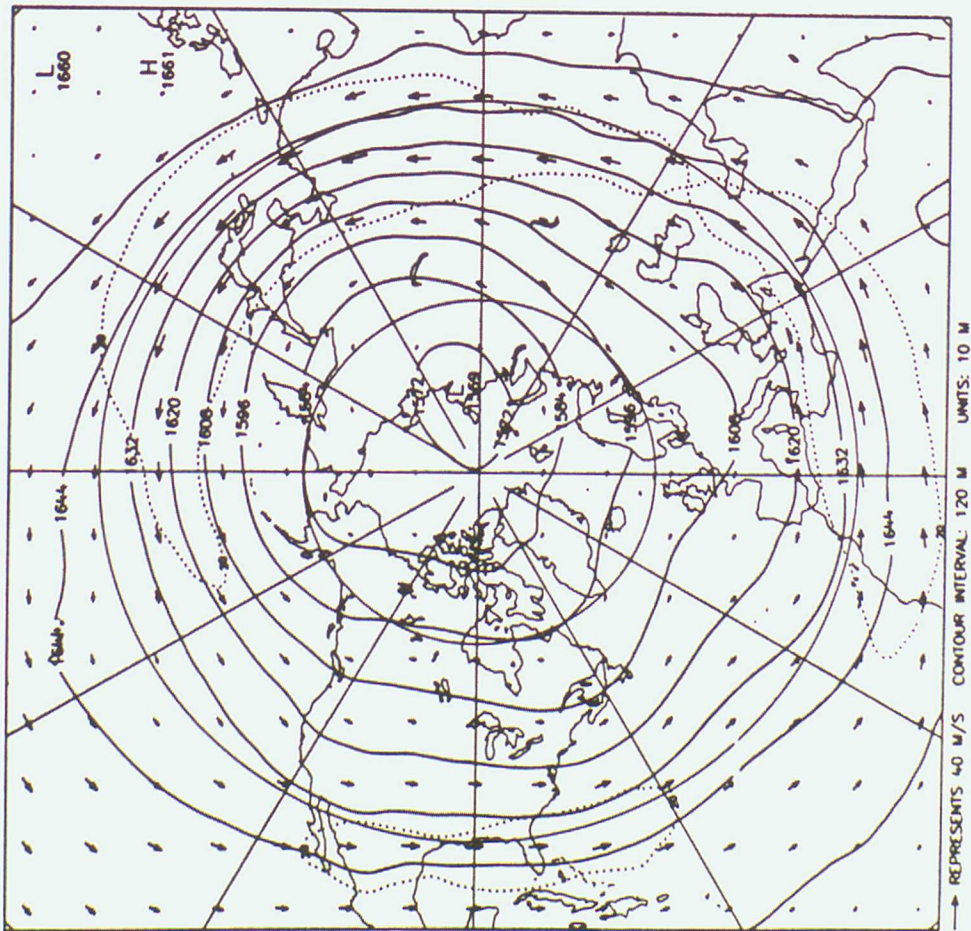
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 LEVEL: 250 MB



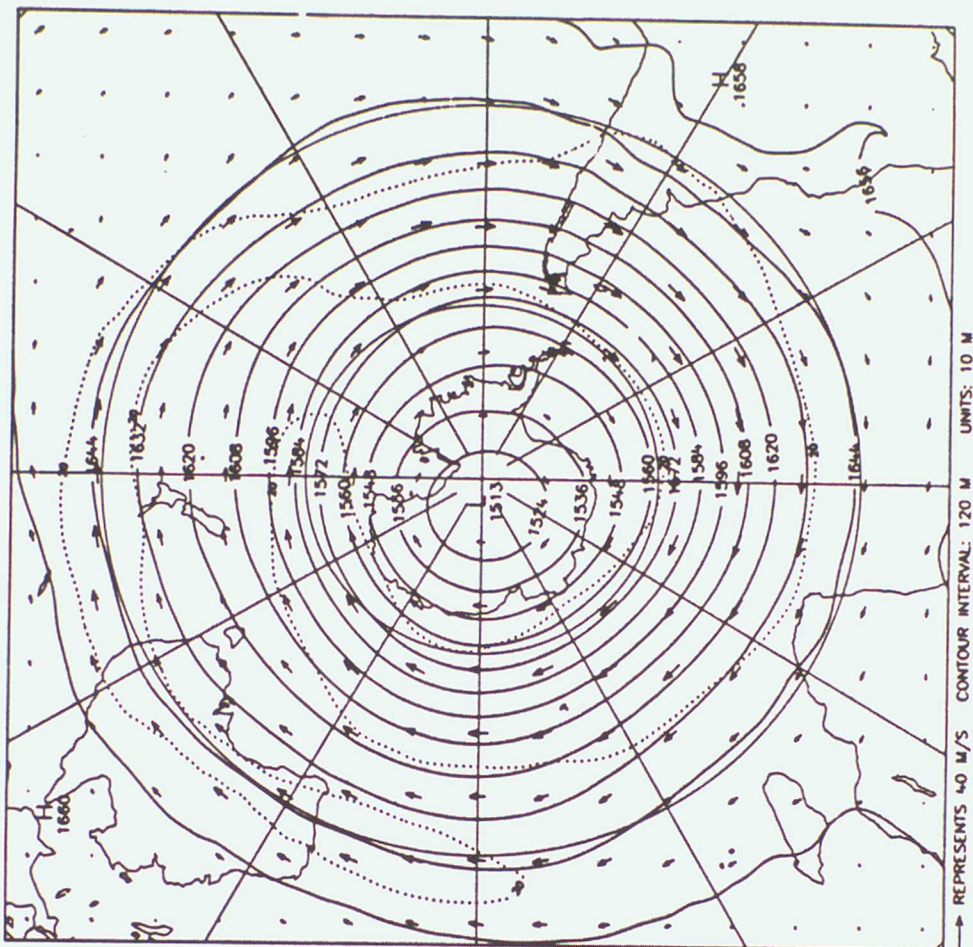
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 LEVEL: 250 MB



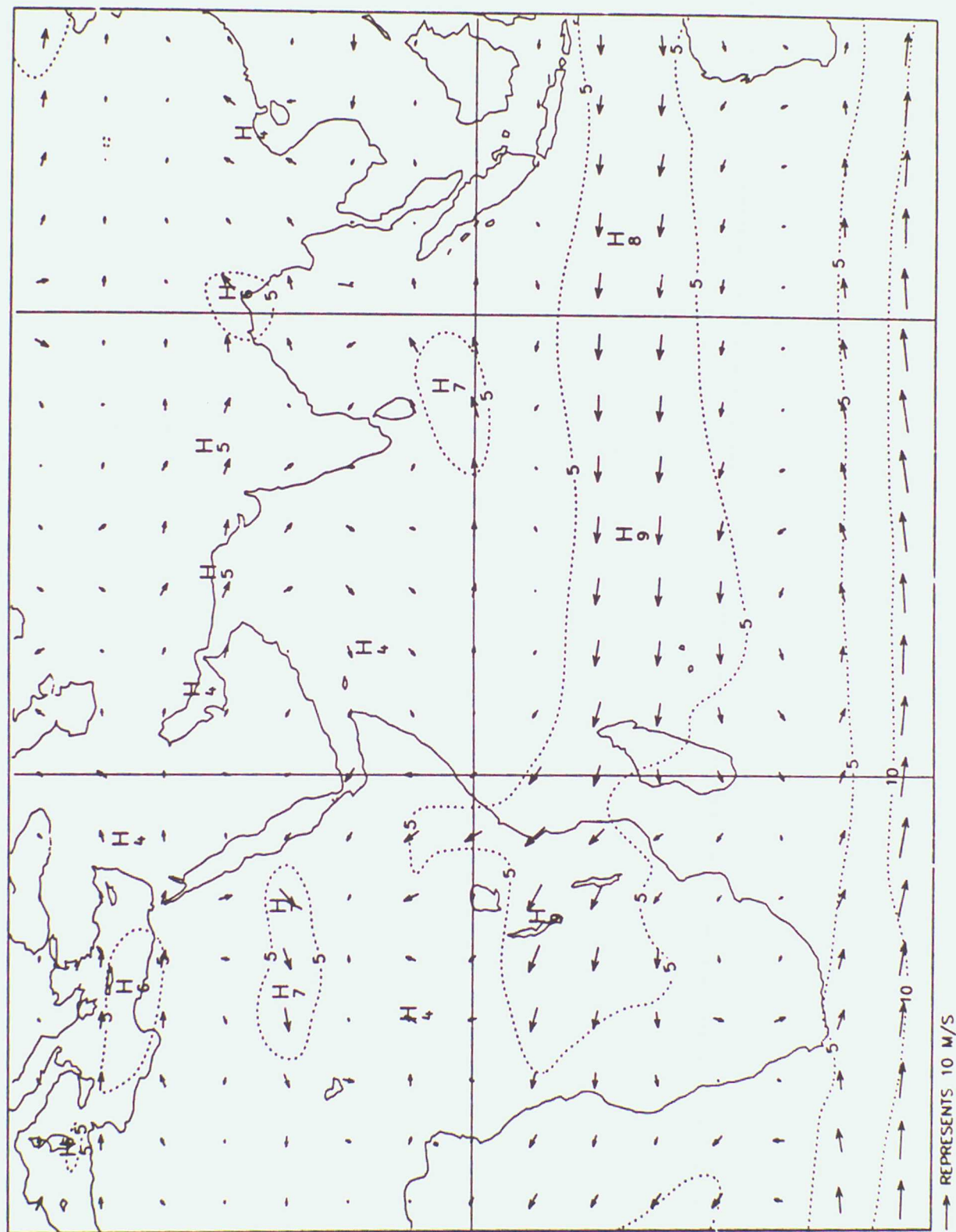
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 LEVEL: 100 MB



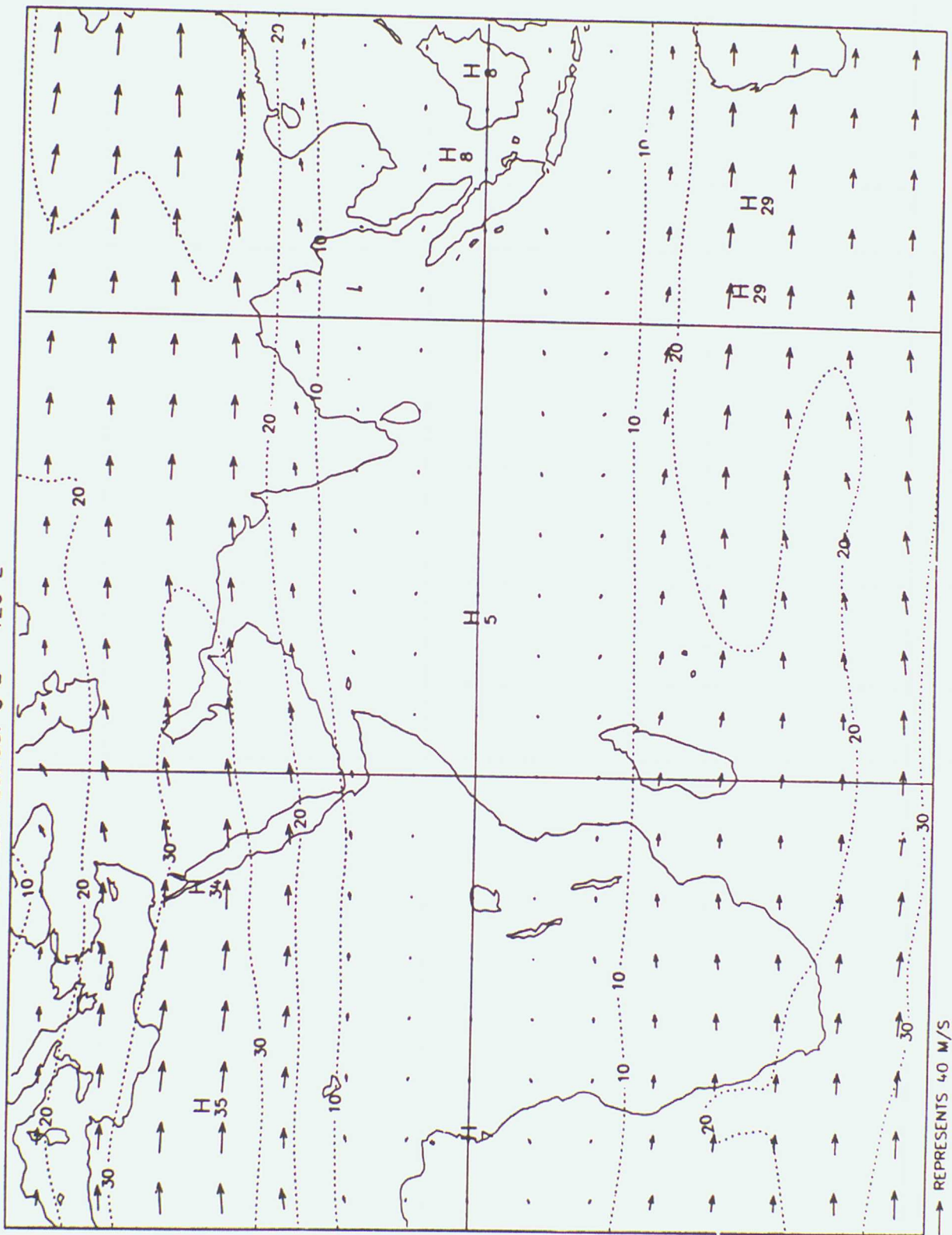
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 LEVEL: 100 MB



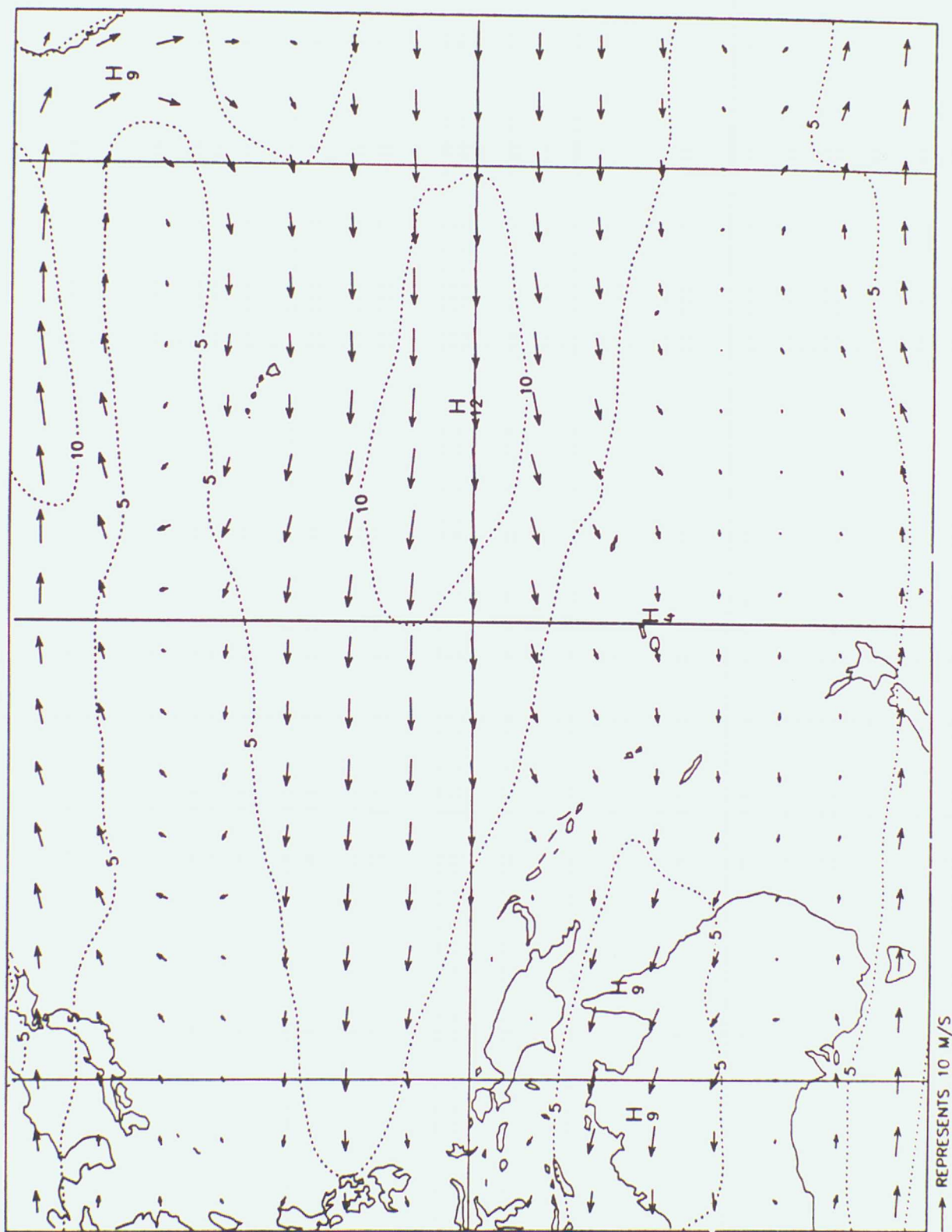
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 850 MBS. BETWEEN LONGS. 0 E - 120 E



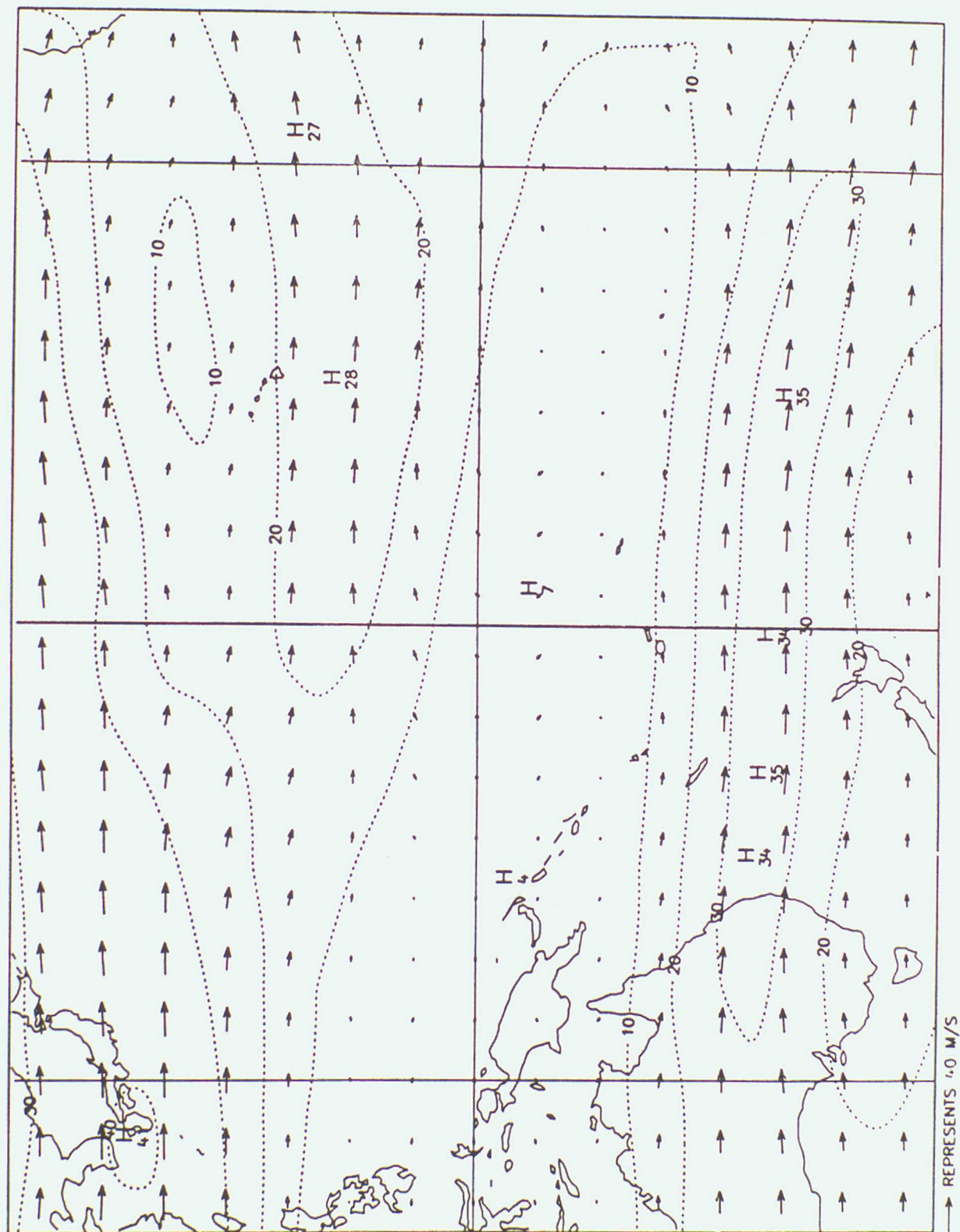
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 250 MBS. BETWEEN LONGS. 0 E - 120 E



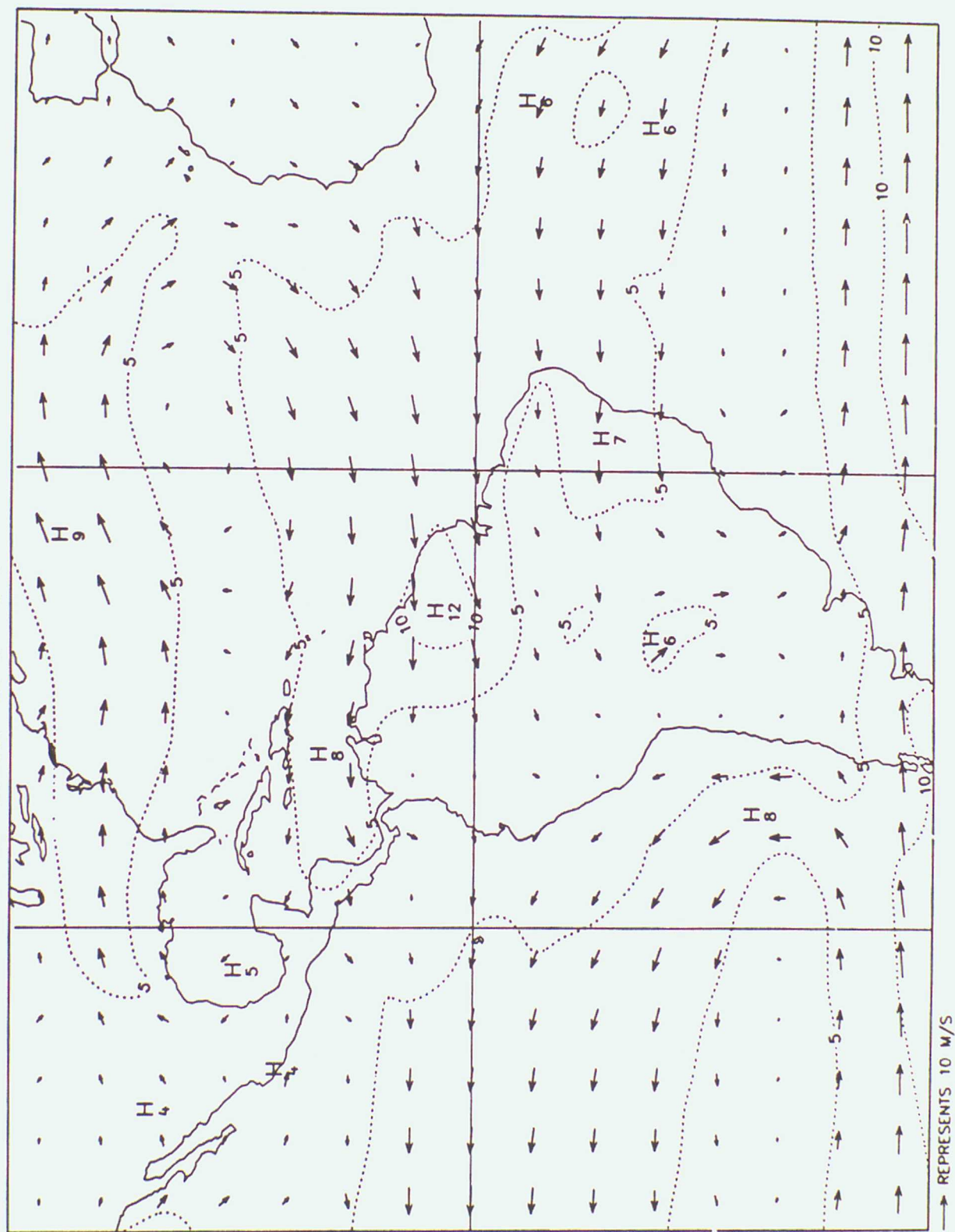
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



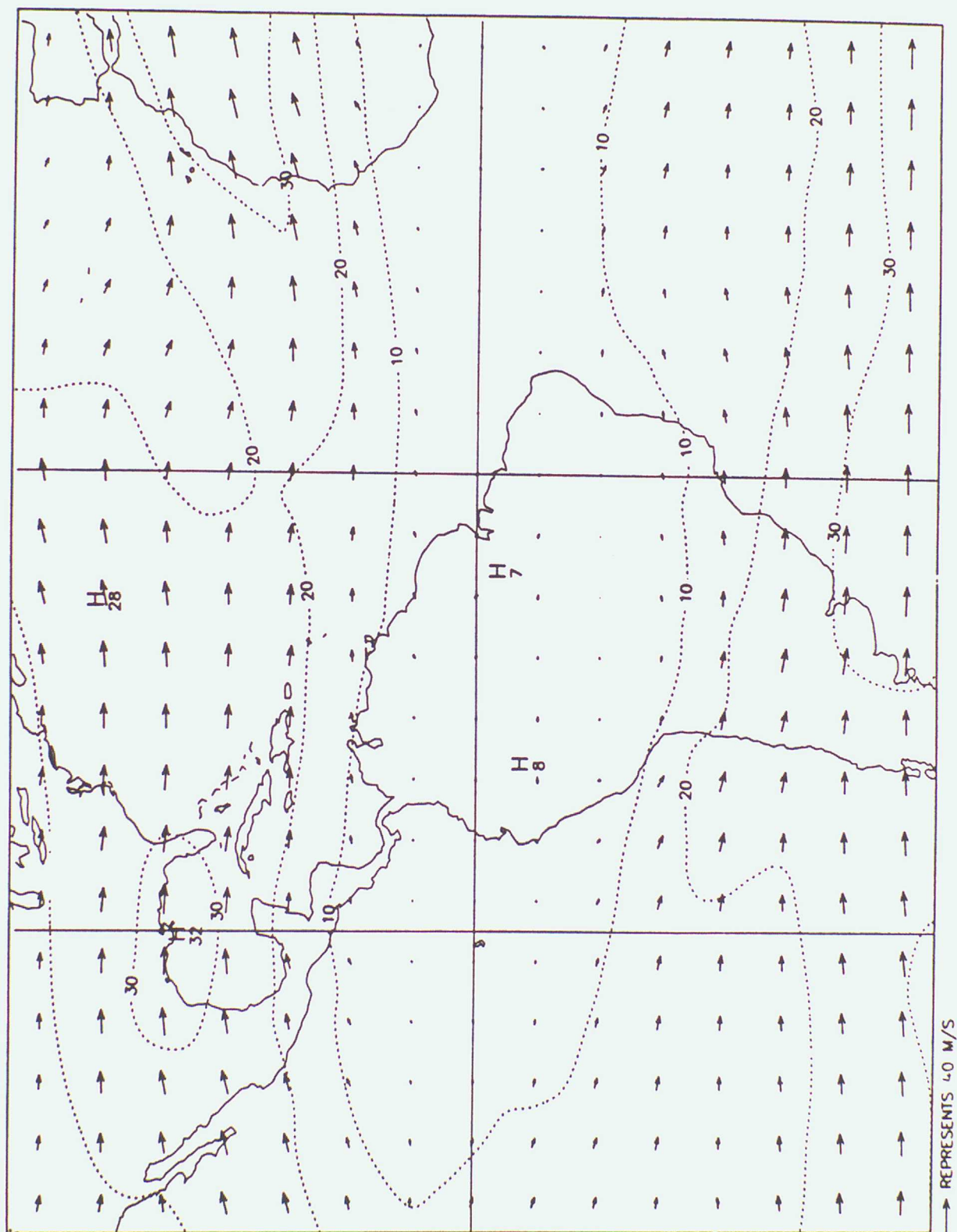
OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 BETWEEN LONGS. 120 E - 120 W
 250 MBS.



OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W

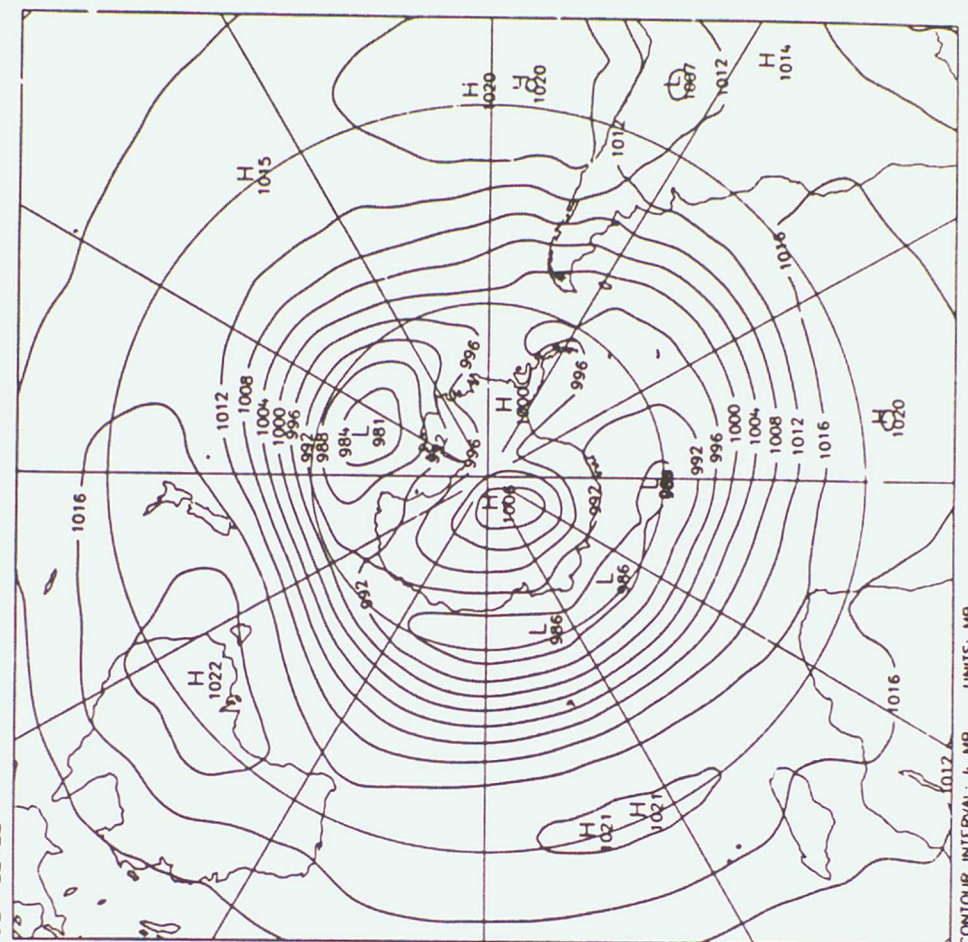
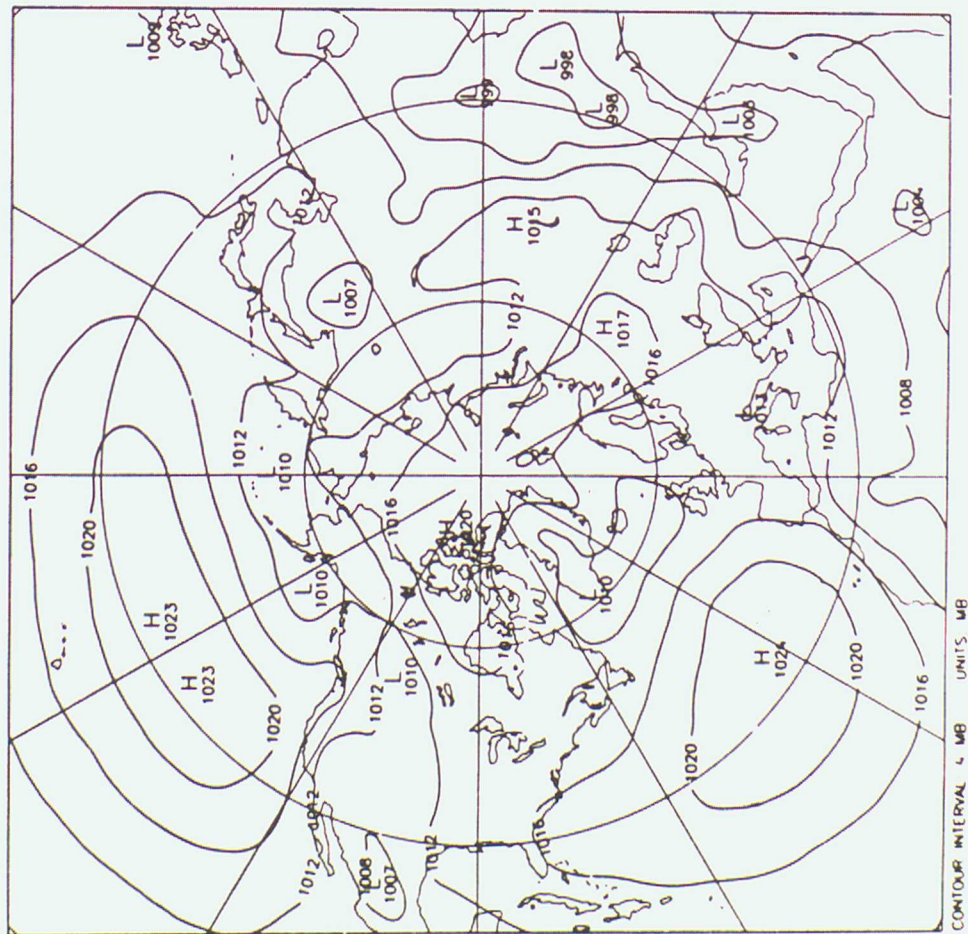


OPERATIONAL ARCHIVE MEANS. APRIL CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/4/1984 DAY 92 TO 12Z ON 30/4/1986 DAY 120
 250 MBS.
 BETWEEN LONGS. 120 W - 0 W

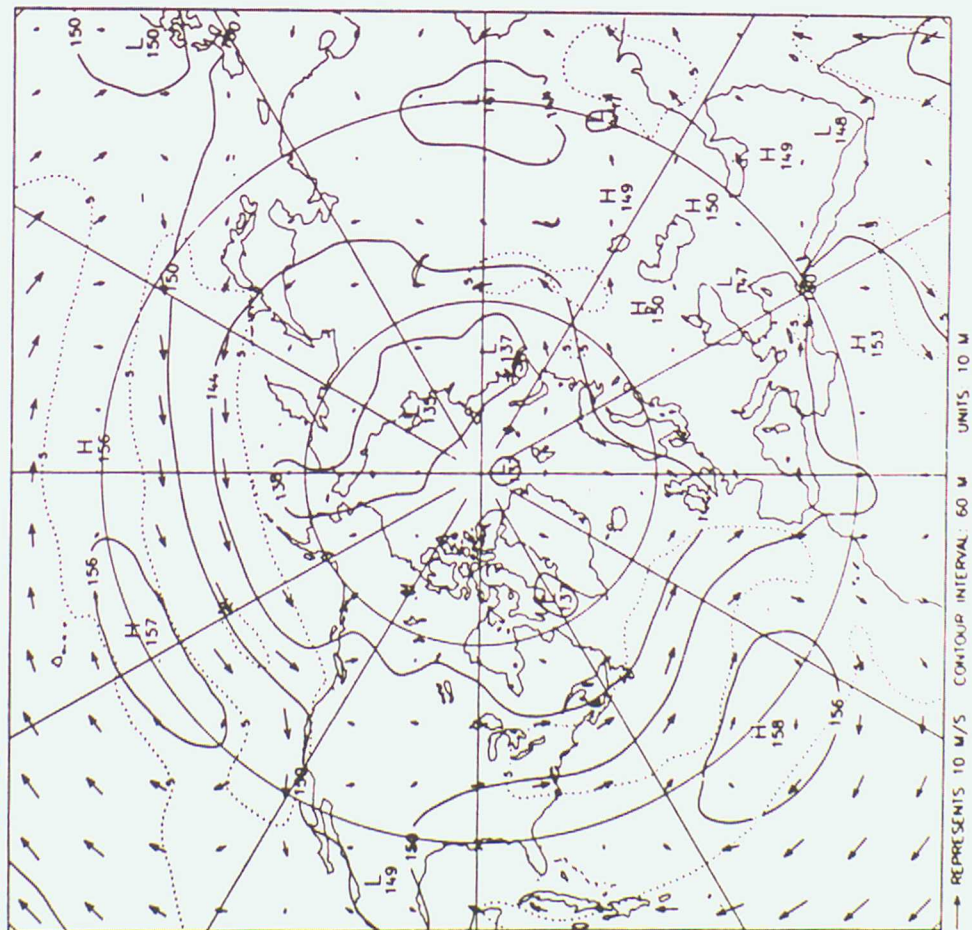


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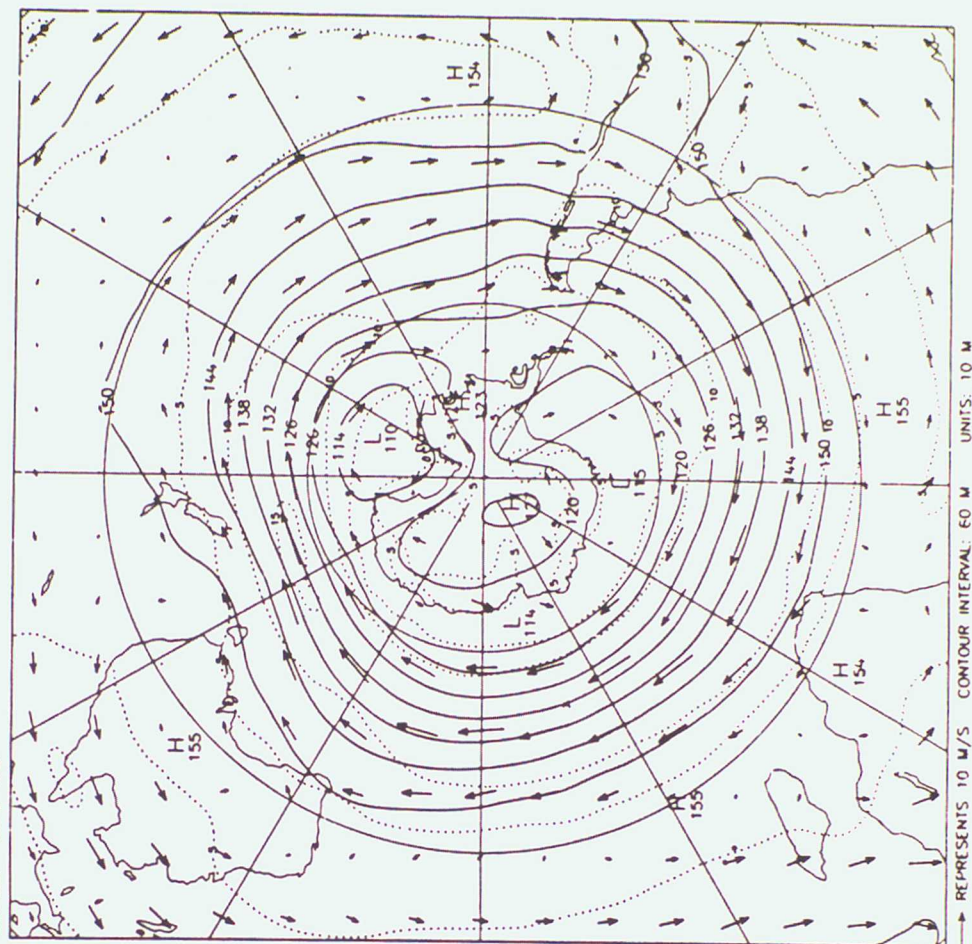
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
SEA LEVEL



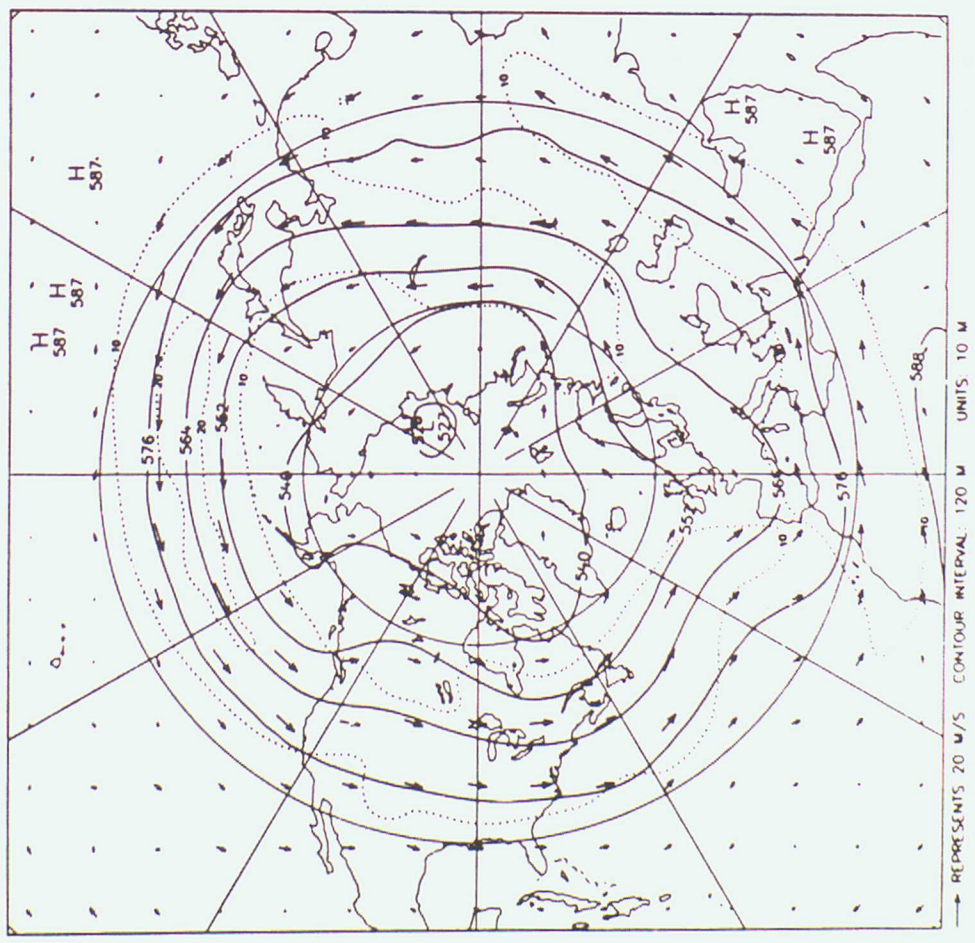
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 850 MB



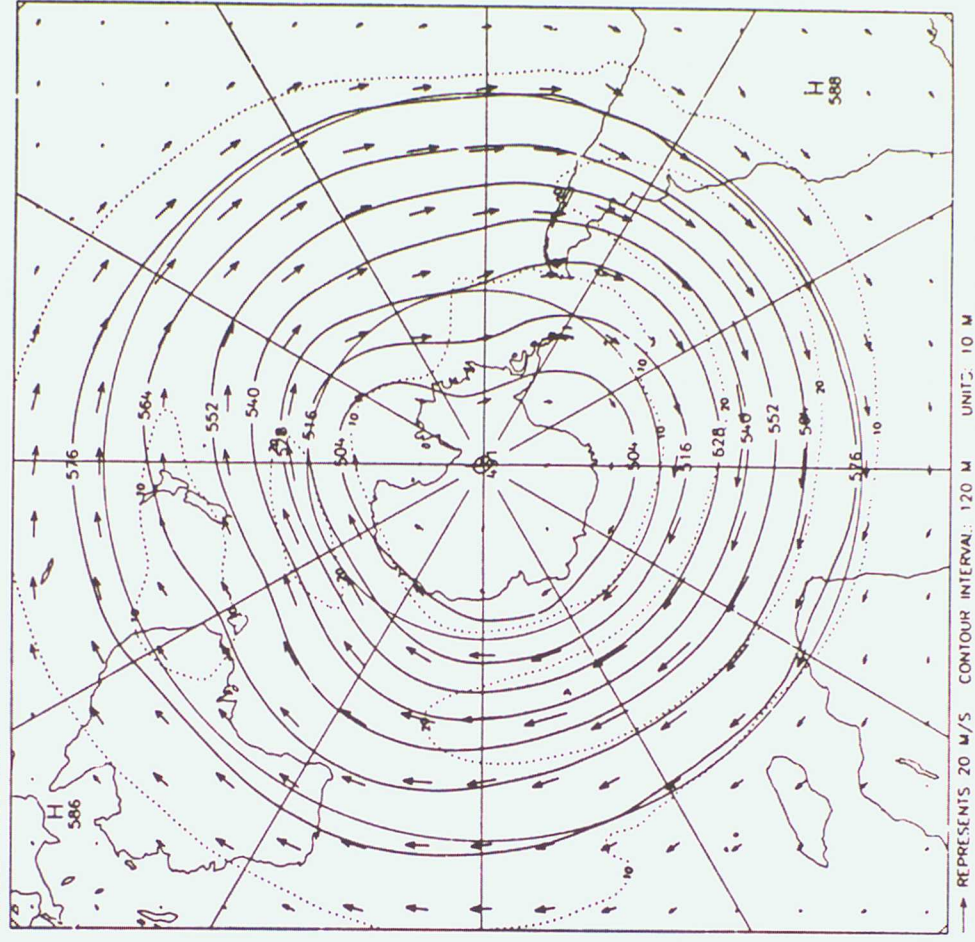
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 850 MB



OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 500 MB



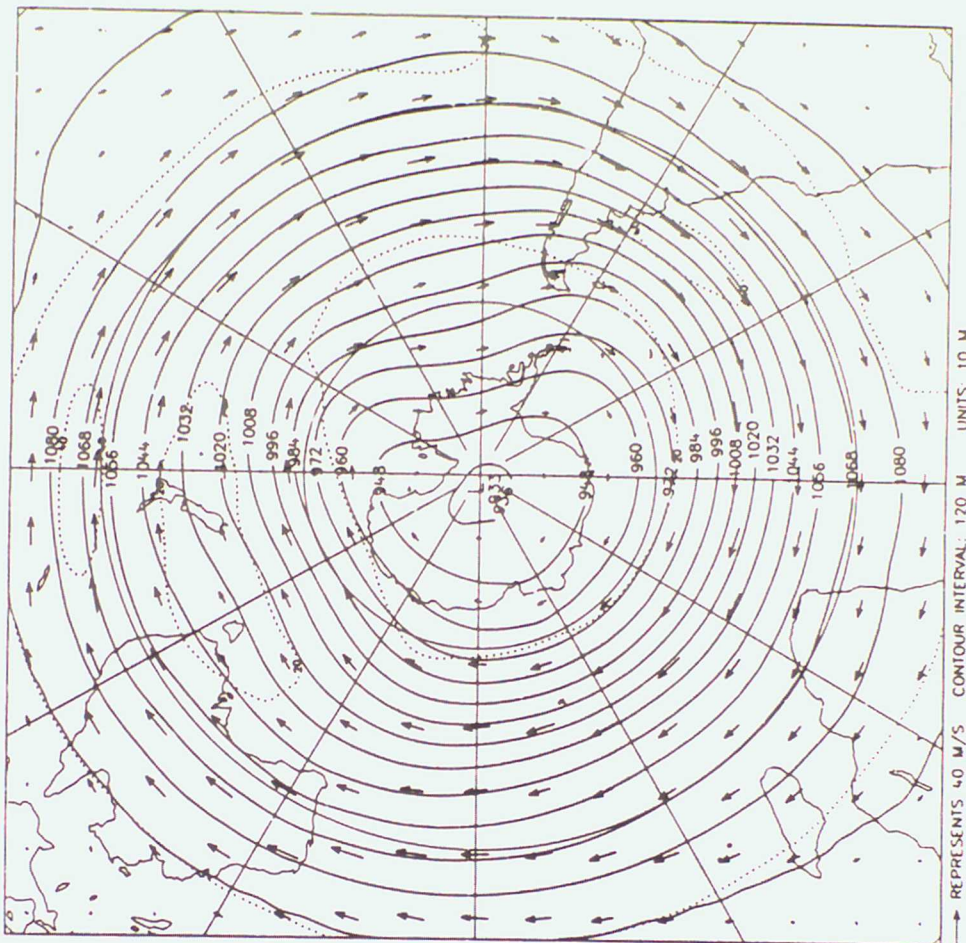
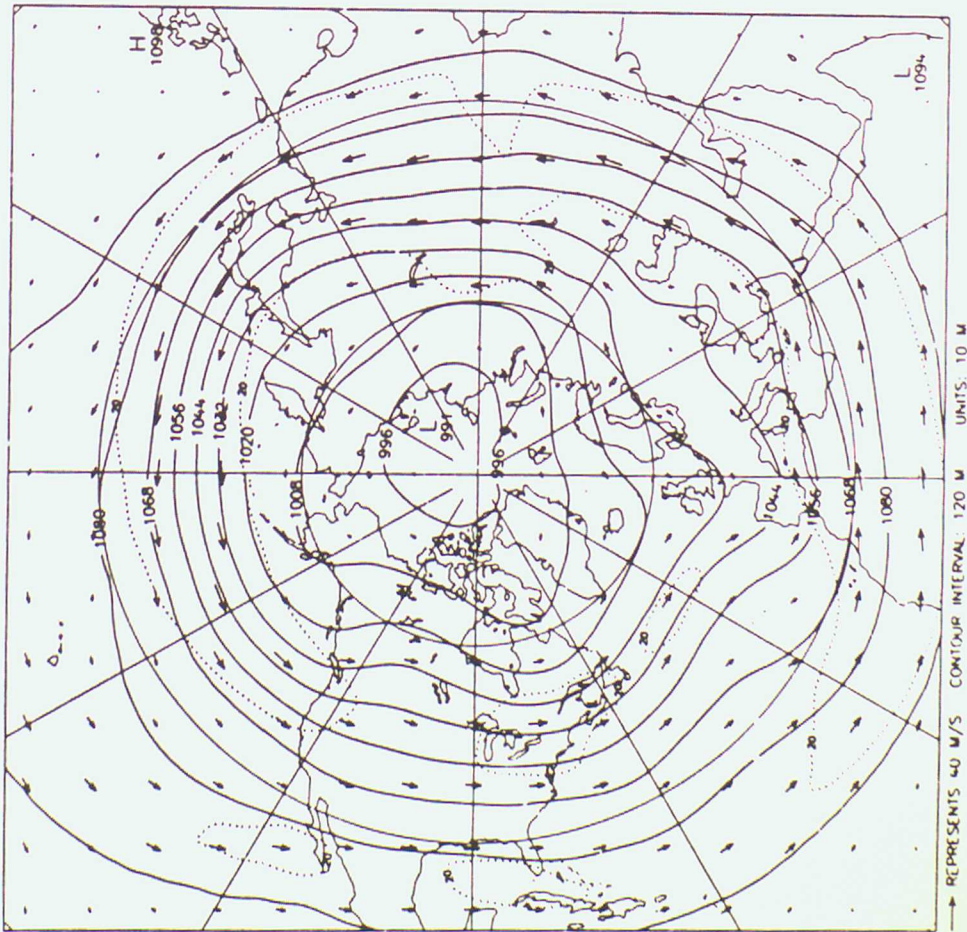
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 500 MB



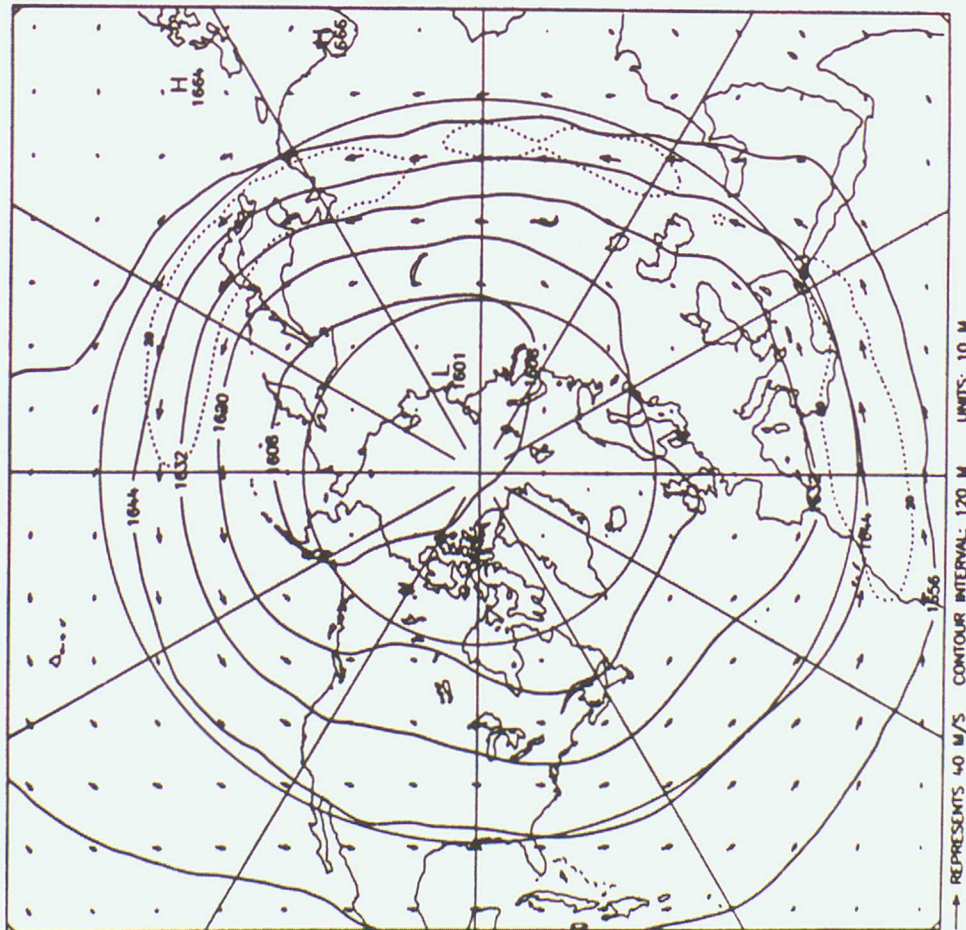
OPERATIONAL ARCHIVE MEANS, MAY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 250 MB

OPERATIONAL ARCHIVE MEANS, MAY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 250 MB

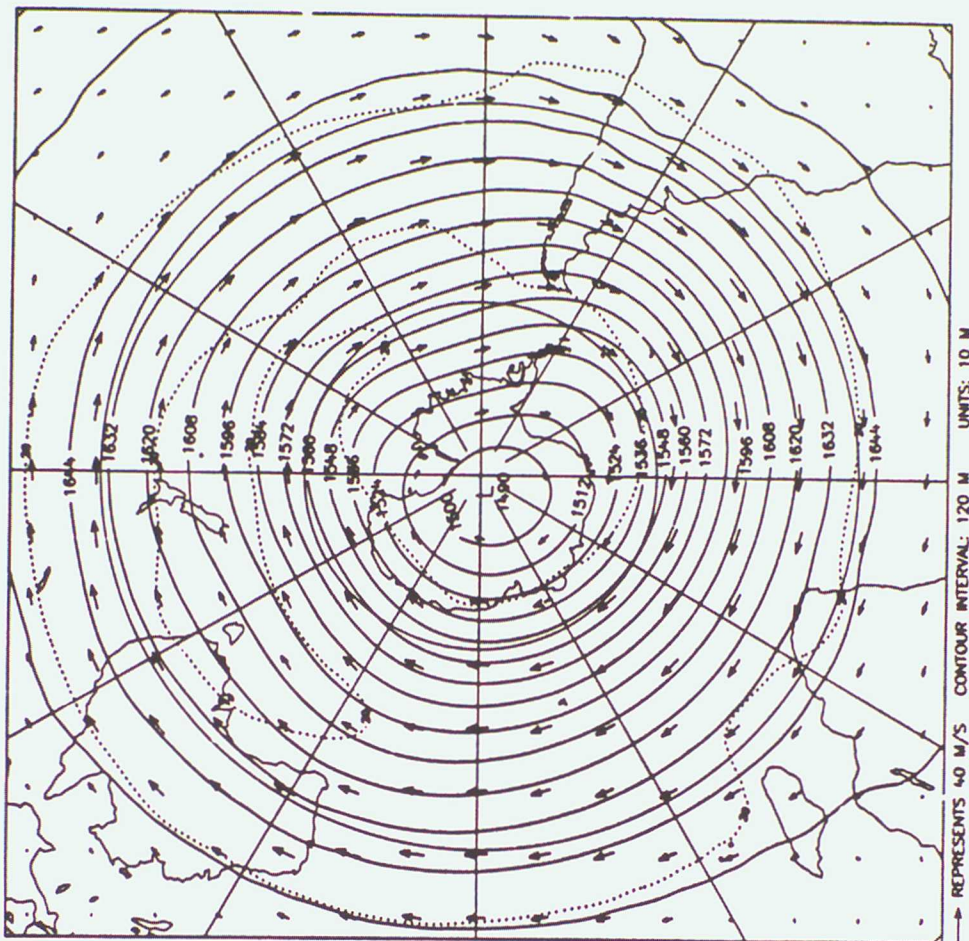
CLIMATOLOGY



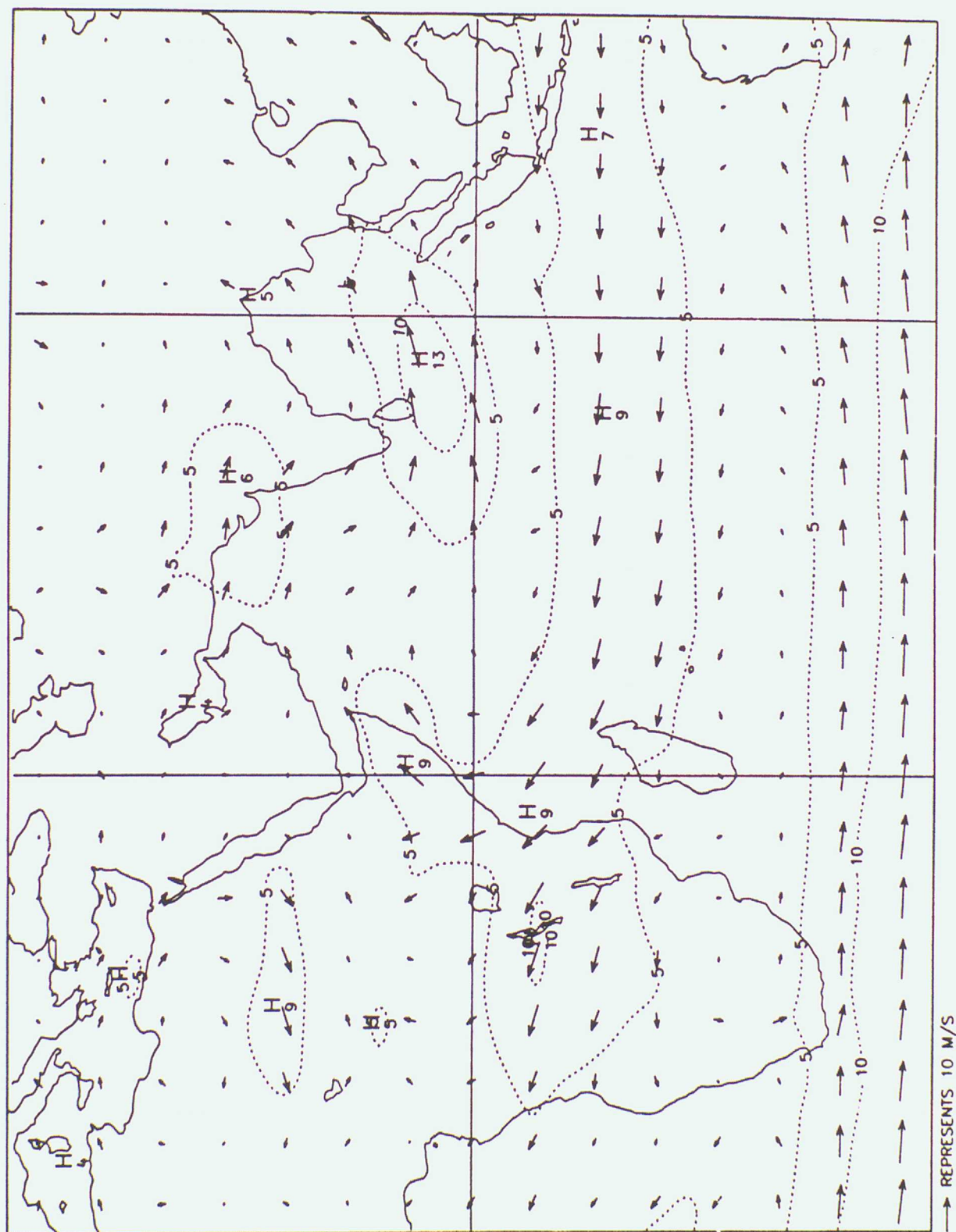
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 100 MB



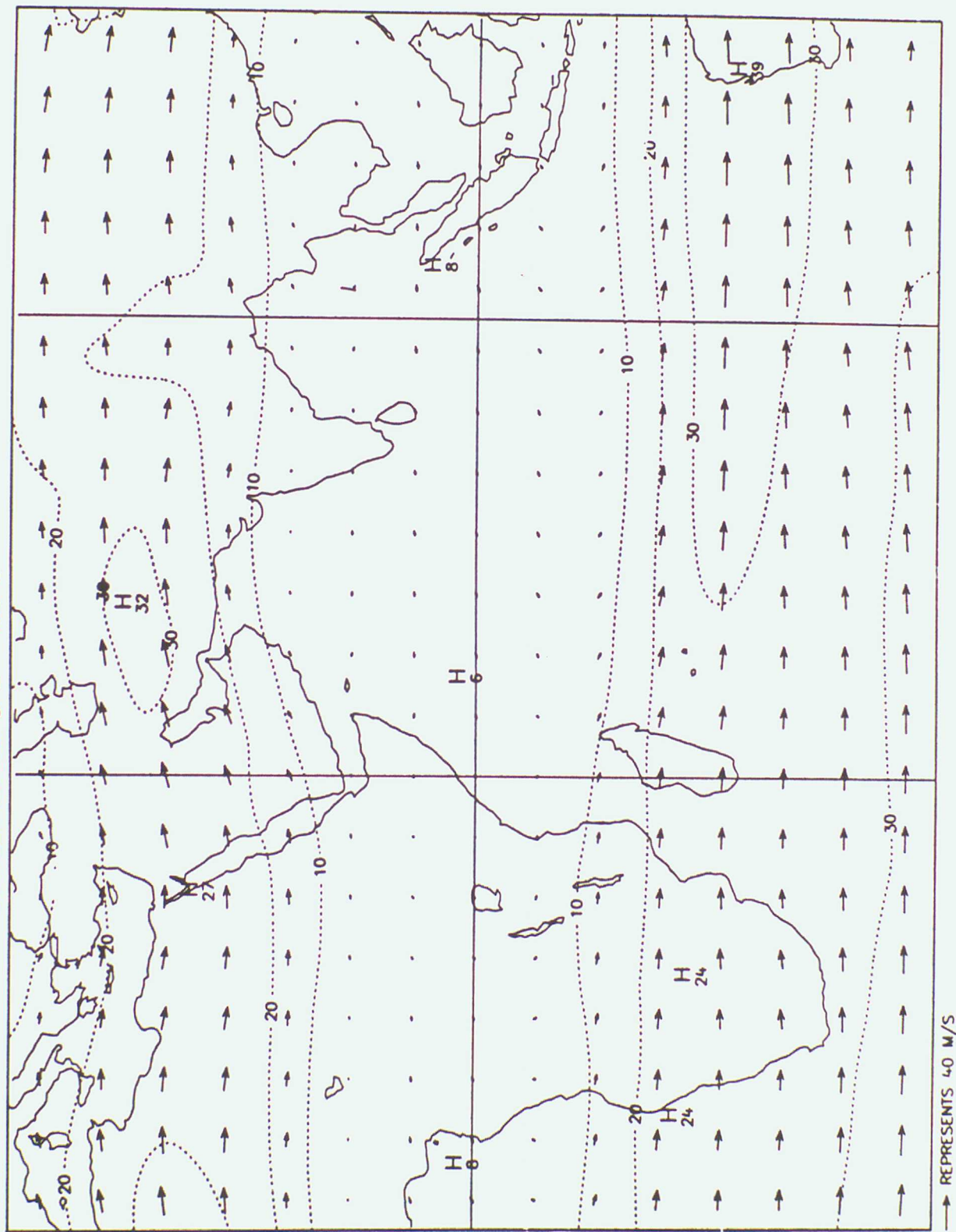
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 100 MB



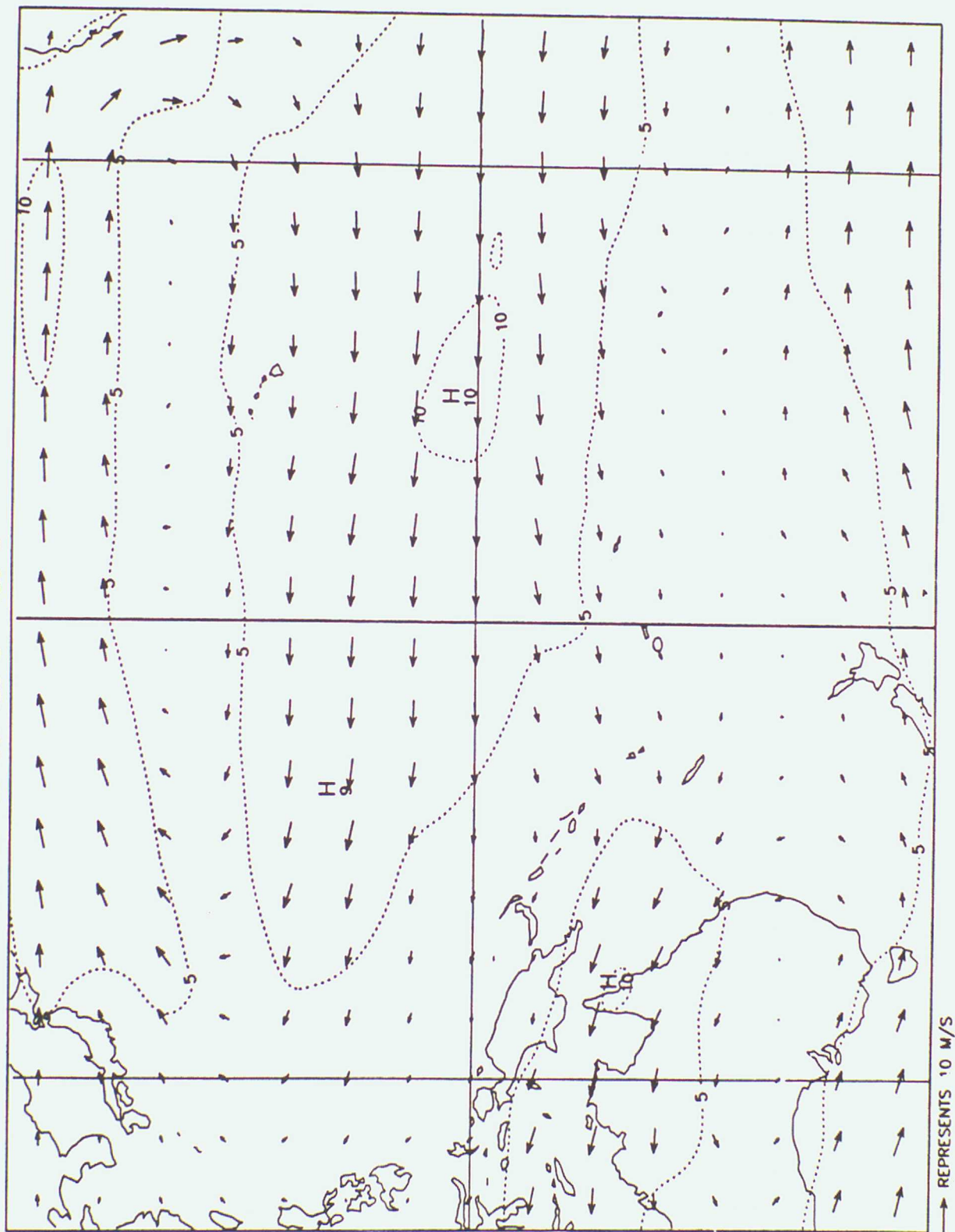
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 850 MBS. BETWEEN LONGS. 0 E - 120 E



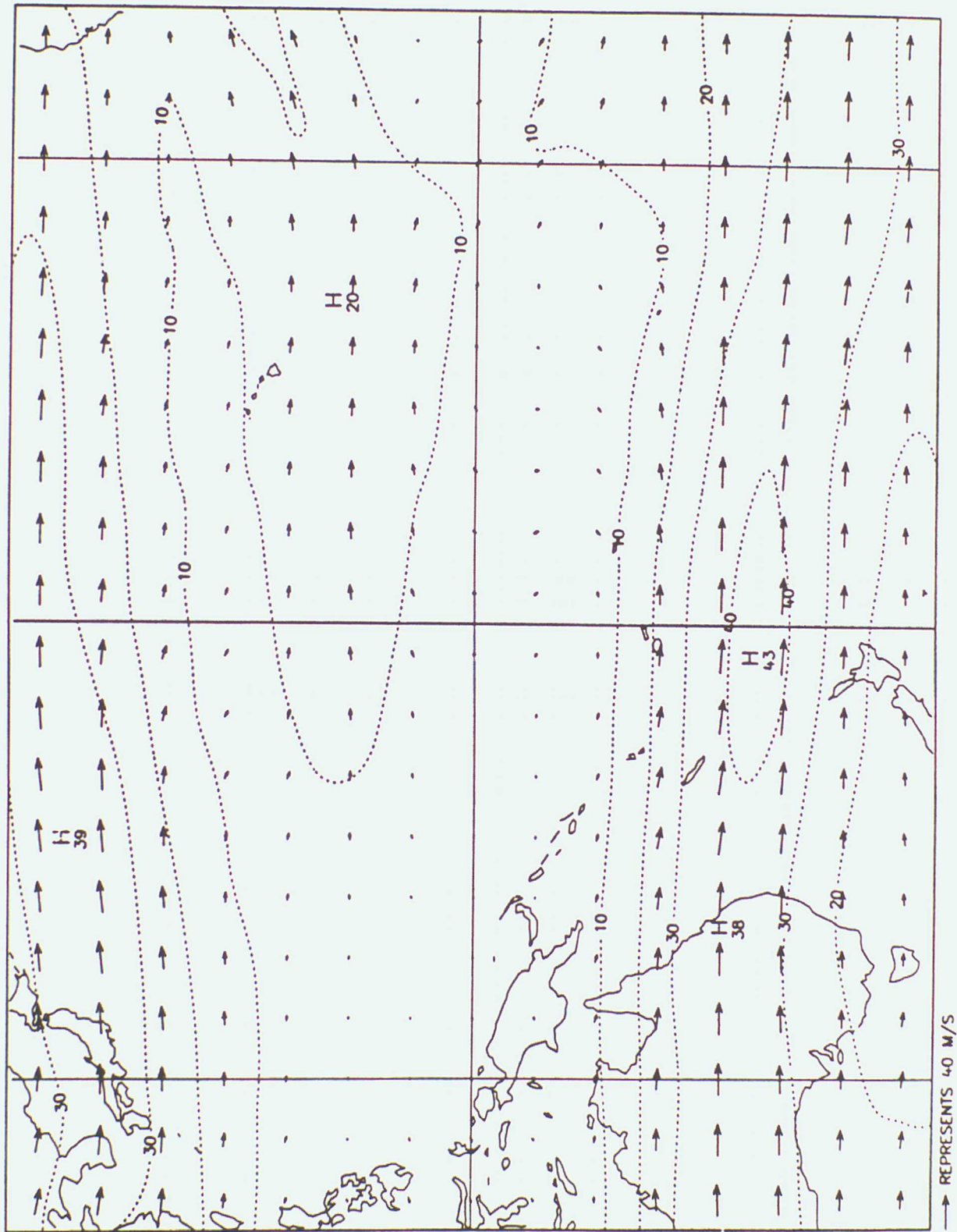
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
250 MBS. BETWEEN LONGS. 0 E - 120 E



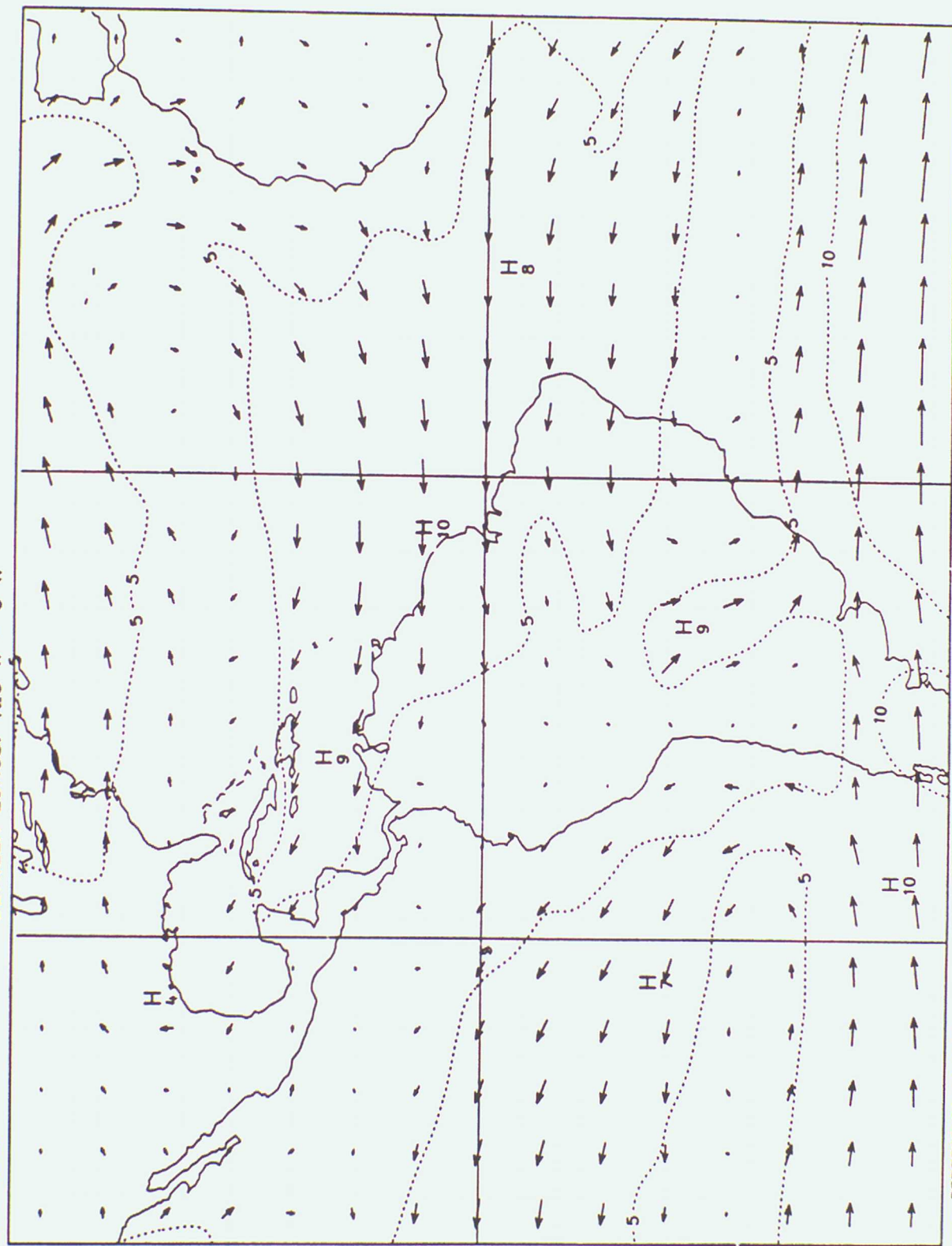
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATs. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 250 MBS.
 BETWEEN LONGS. 120 E - 120 W

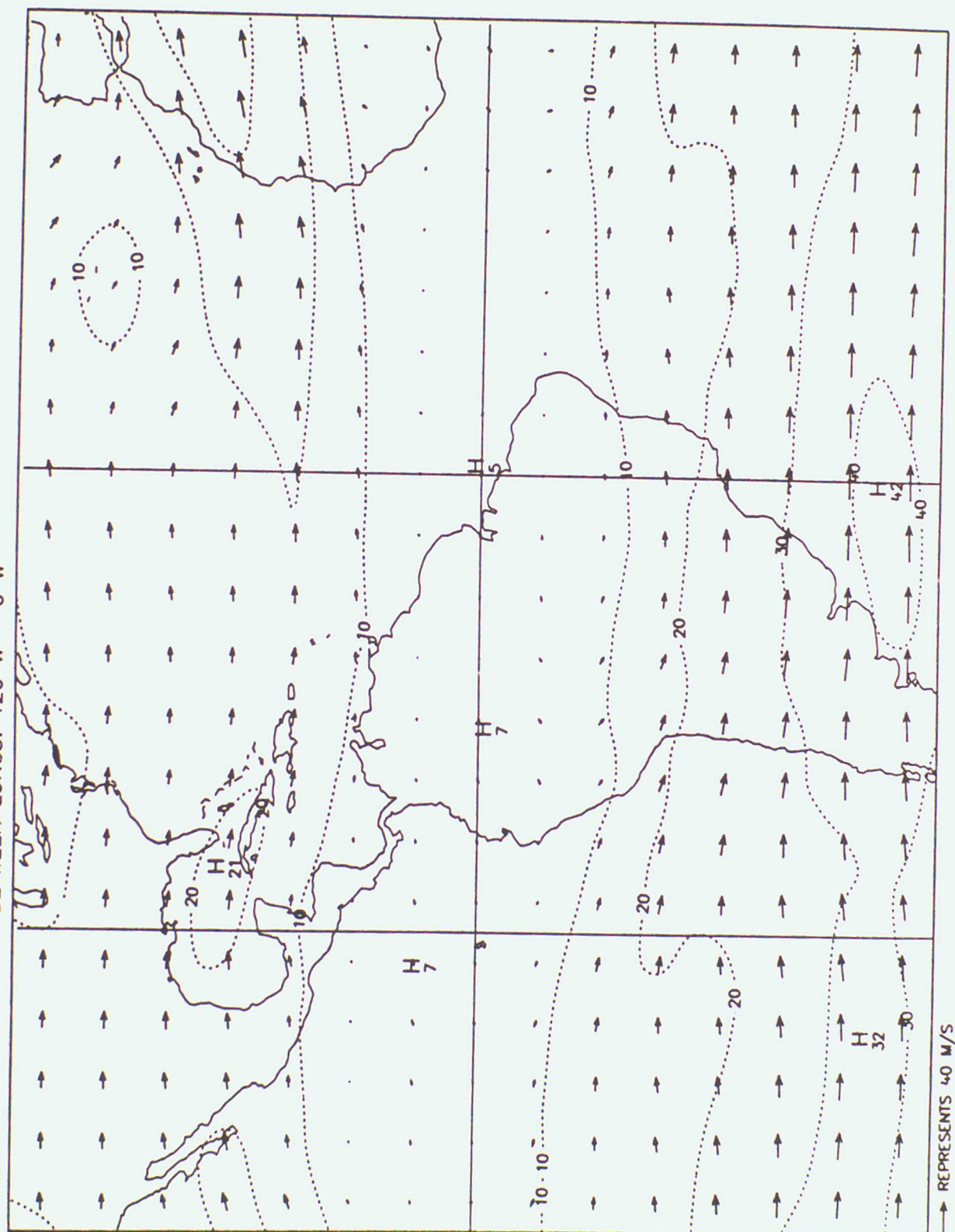


OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 BETWEEN LONGS. 120 W - 0 W
 850 MBS.



→ REPRESENTS 10 M/S

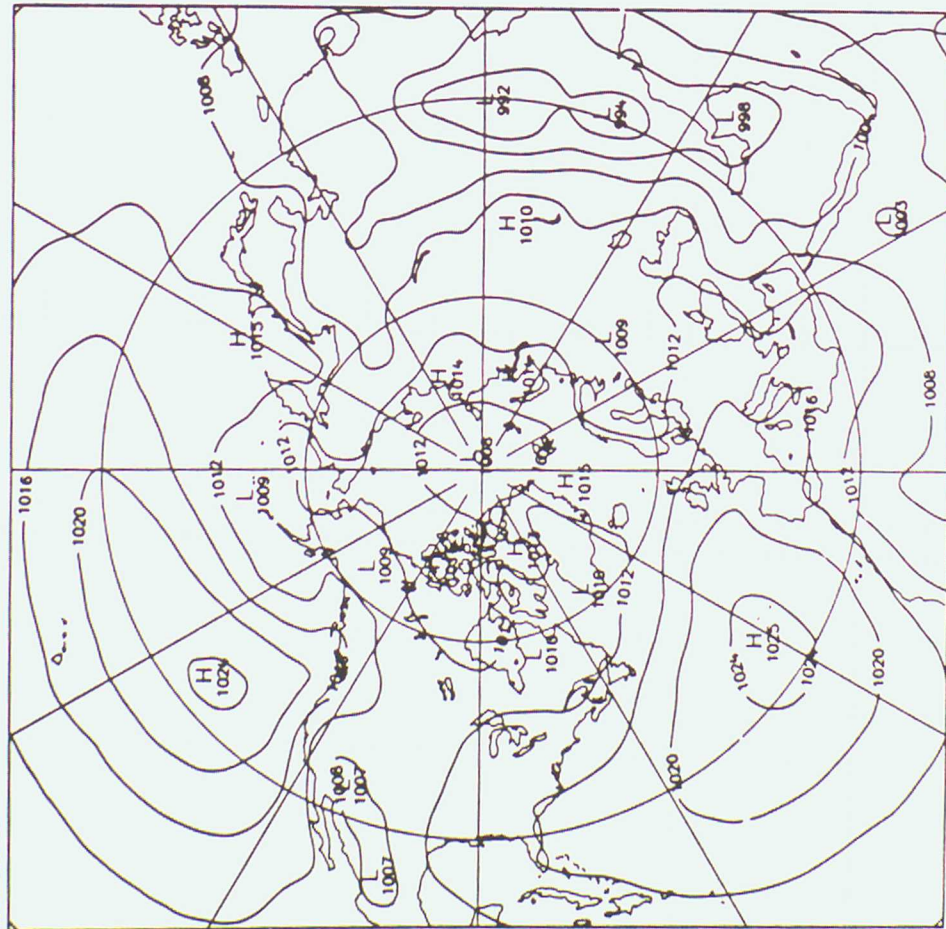
OPERATIONAL ARCHIVE MEANS. MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/5/1984 DAY 122 TO 12Z ON 31/5/1986 DAY 151
 250 MBS. BETWEEN LONGS. 120 W - 0 W



JUNE

OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
PMSL

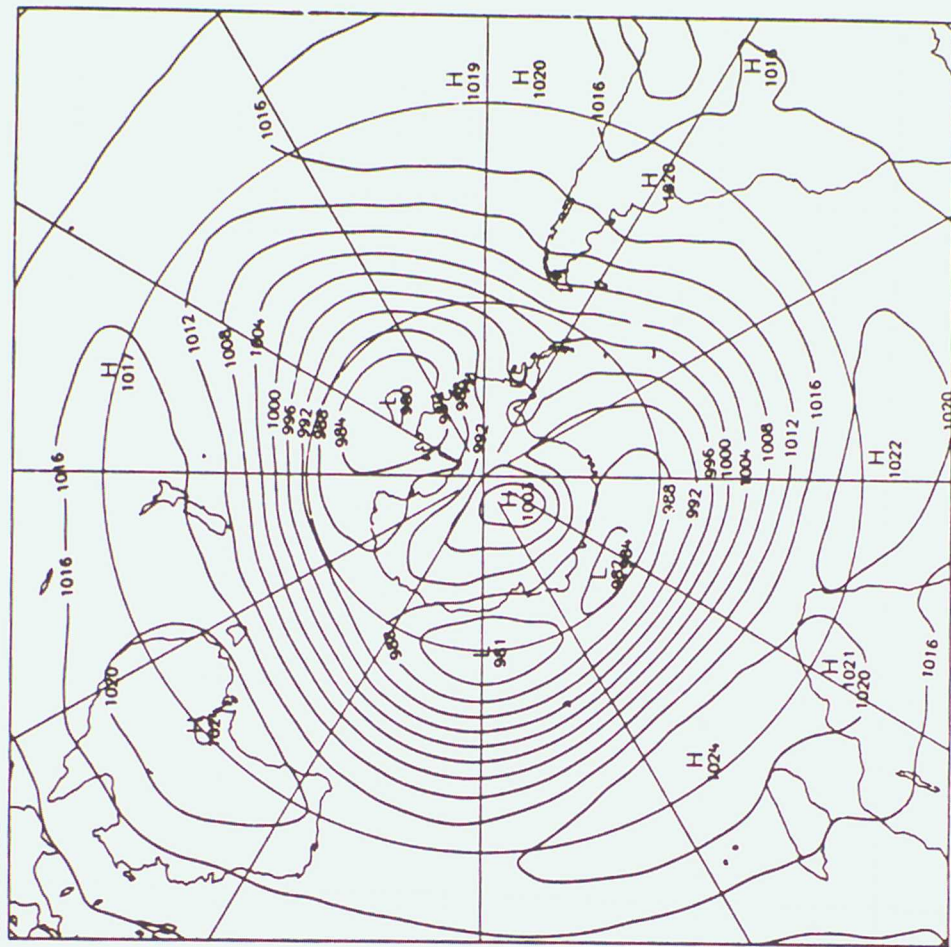
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
SEA LEVEL



CONTOUR INTERVAL: 4 MB UNITS: MB

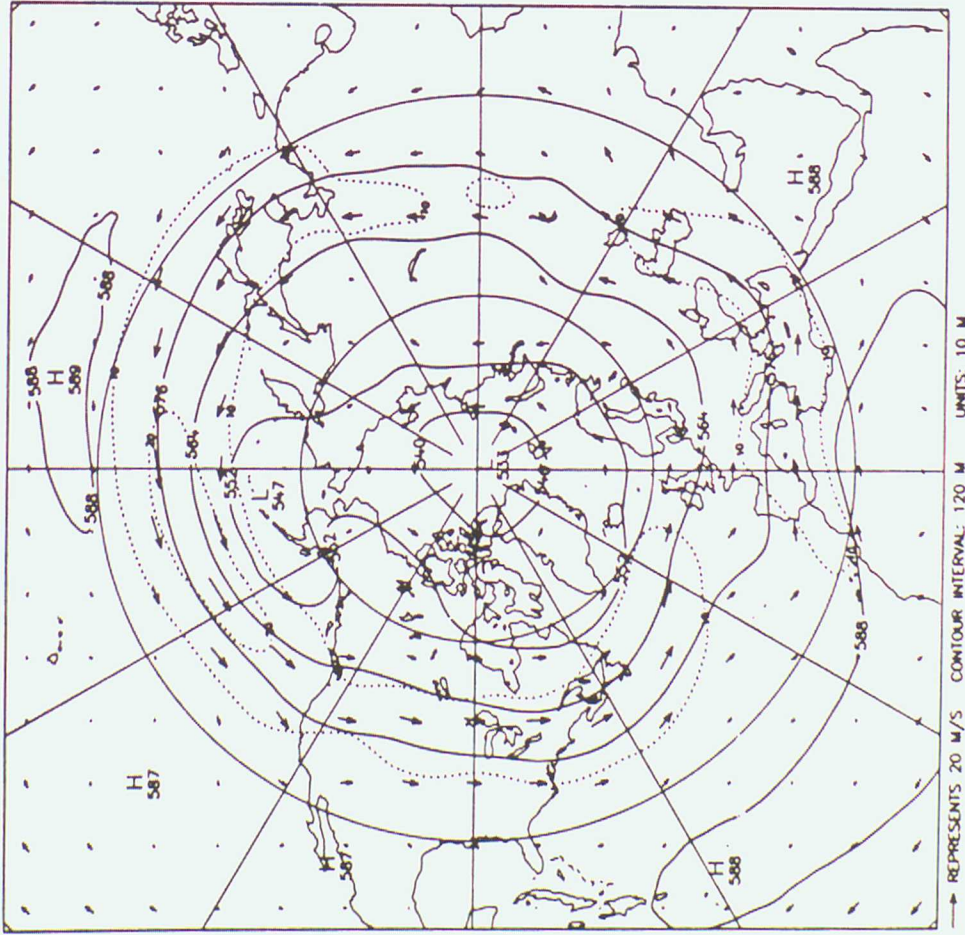
OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
PMSL

AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
SEA LEVEL

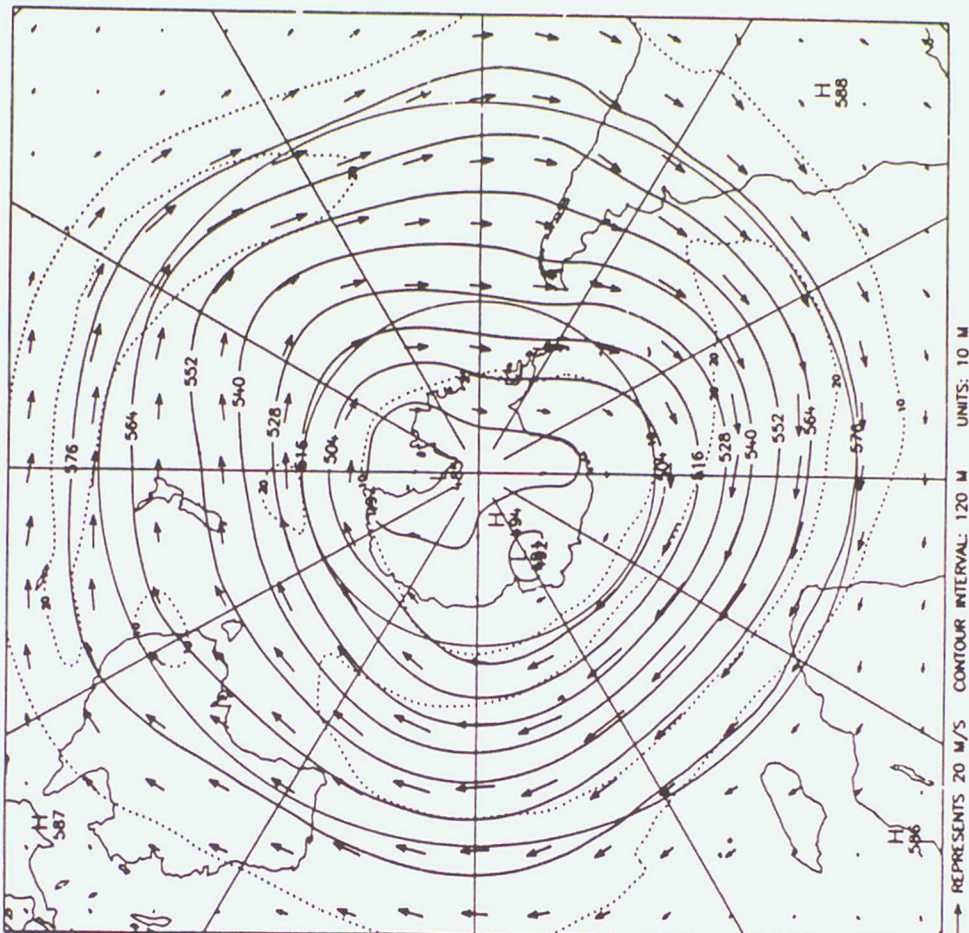


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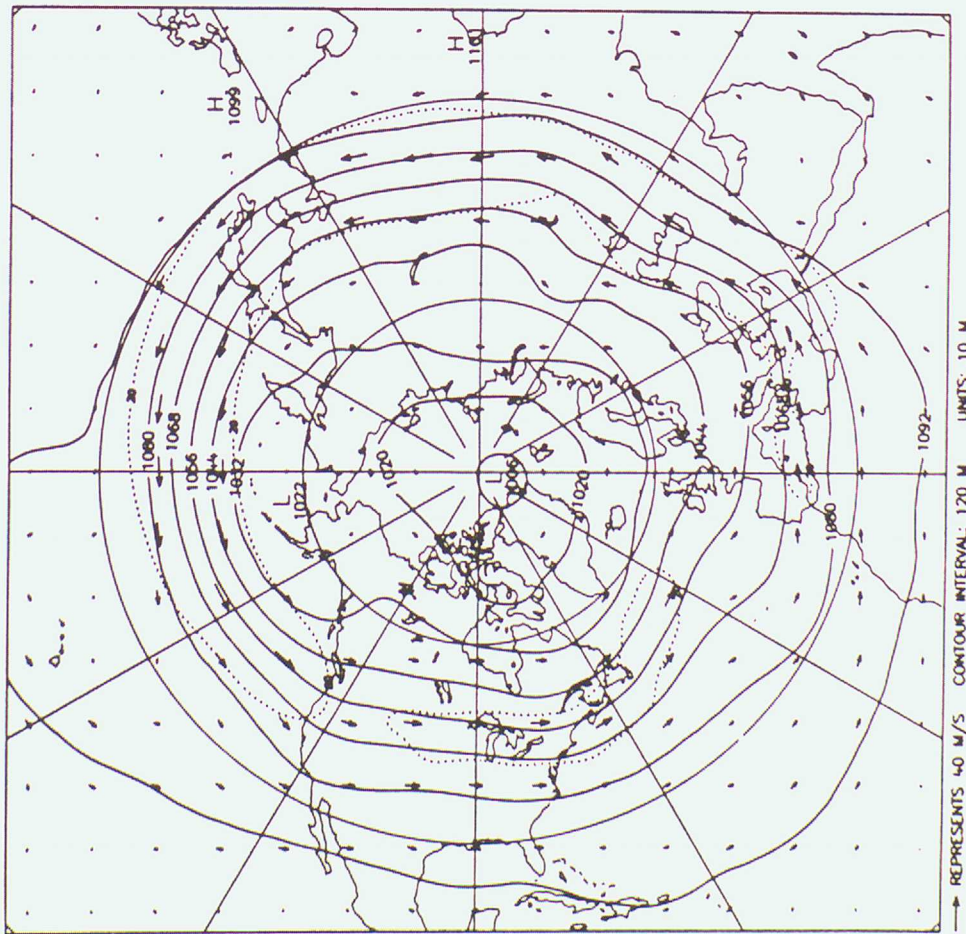
OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
 LEVEL: 500 MB



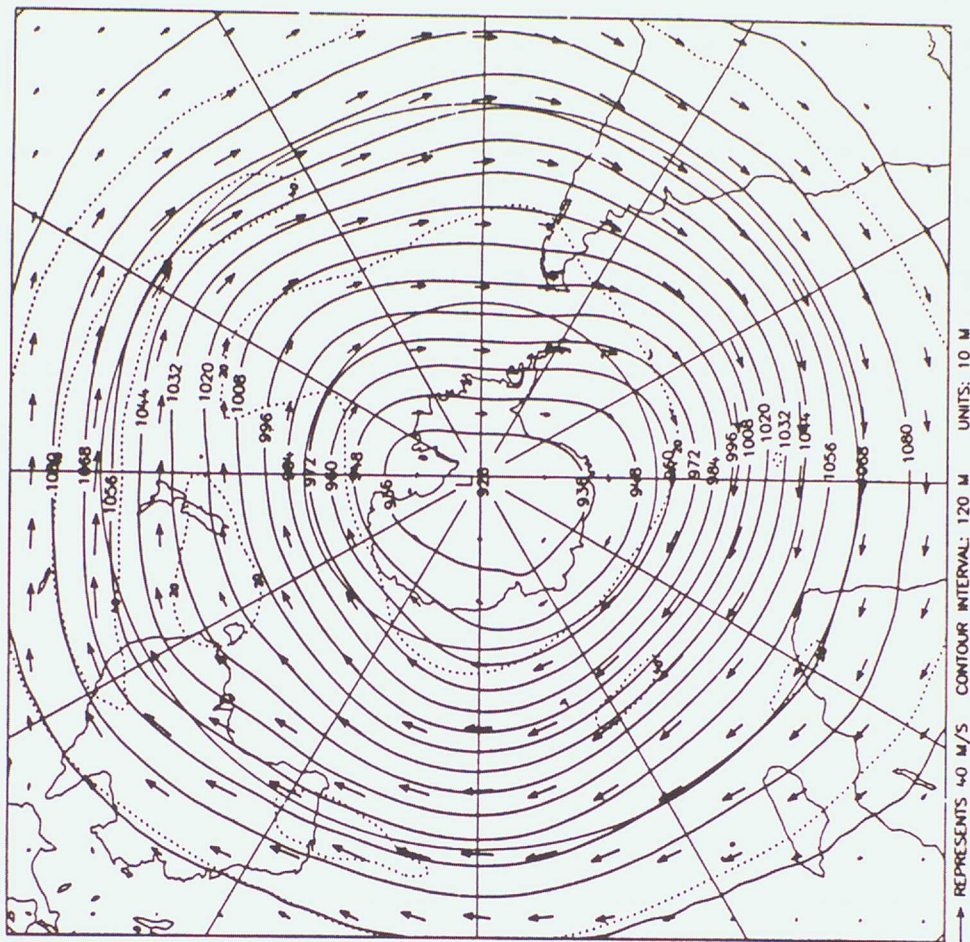
OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
 LEVEL: 500 MB



OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
 LEVEL: 250 MB

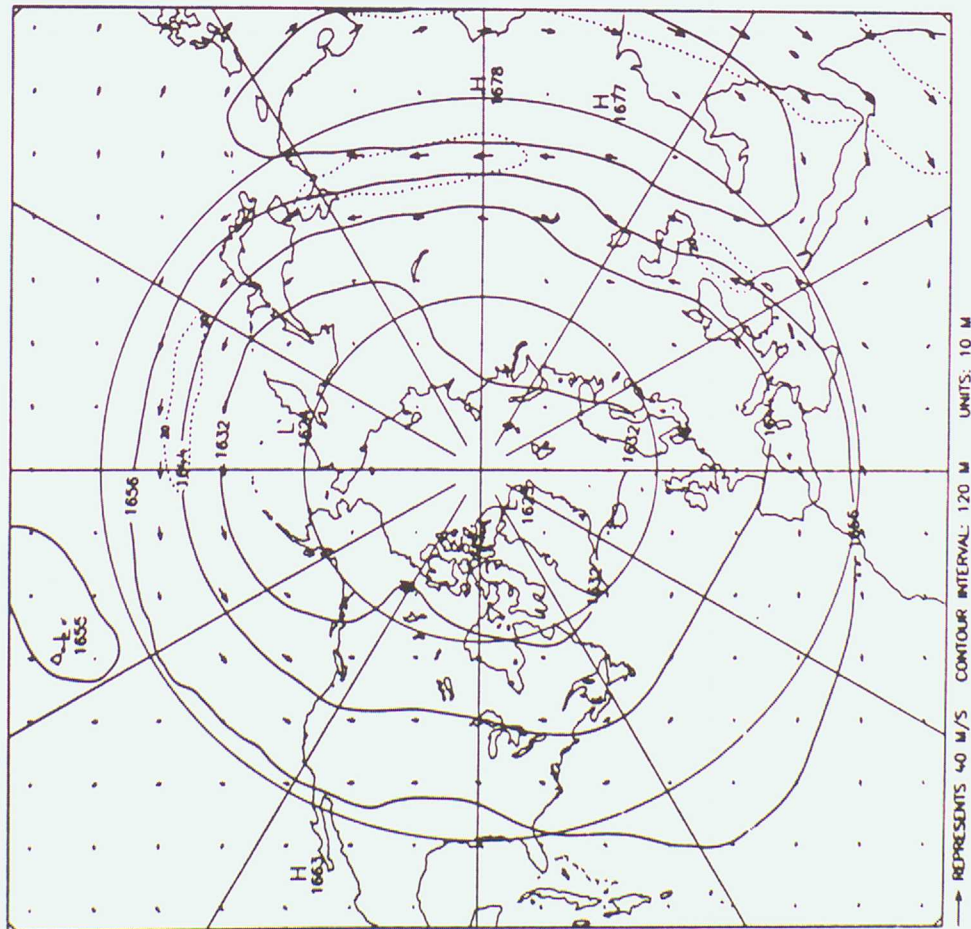


OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
 LEVEL: 250 MB



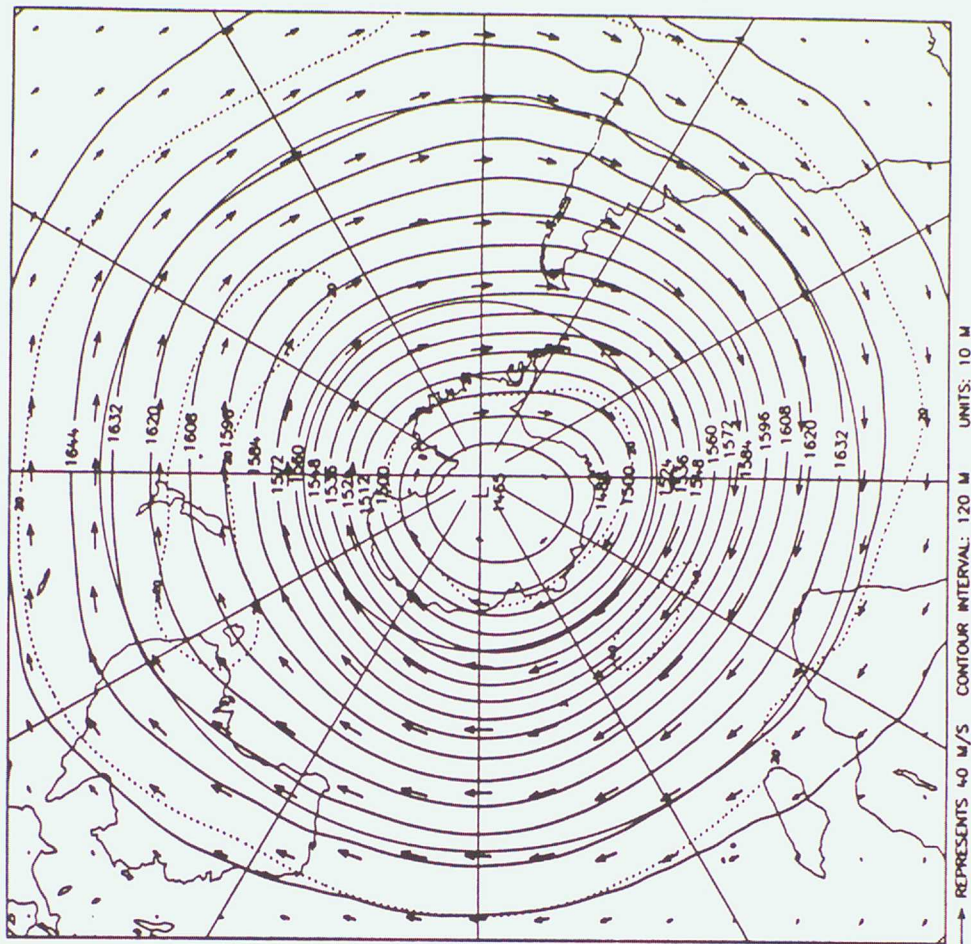
OPERATIONAL ARCHIVE MEANS. JUNE
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
LEVEL: 100 MB

CLIMATOLOGY

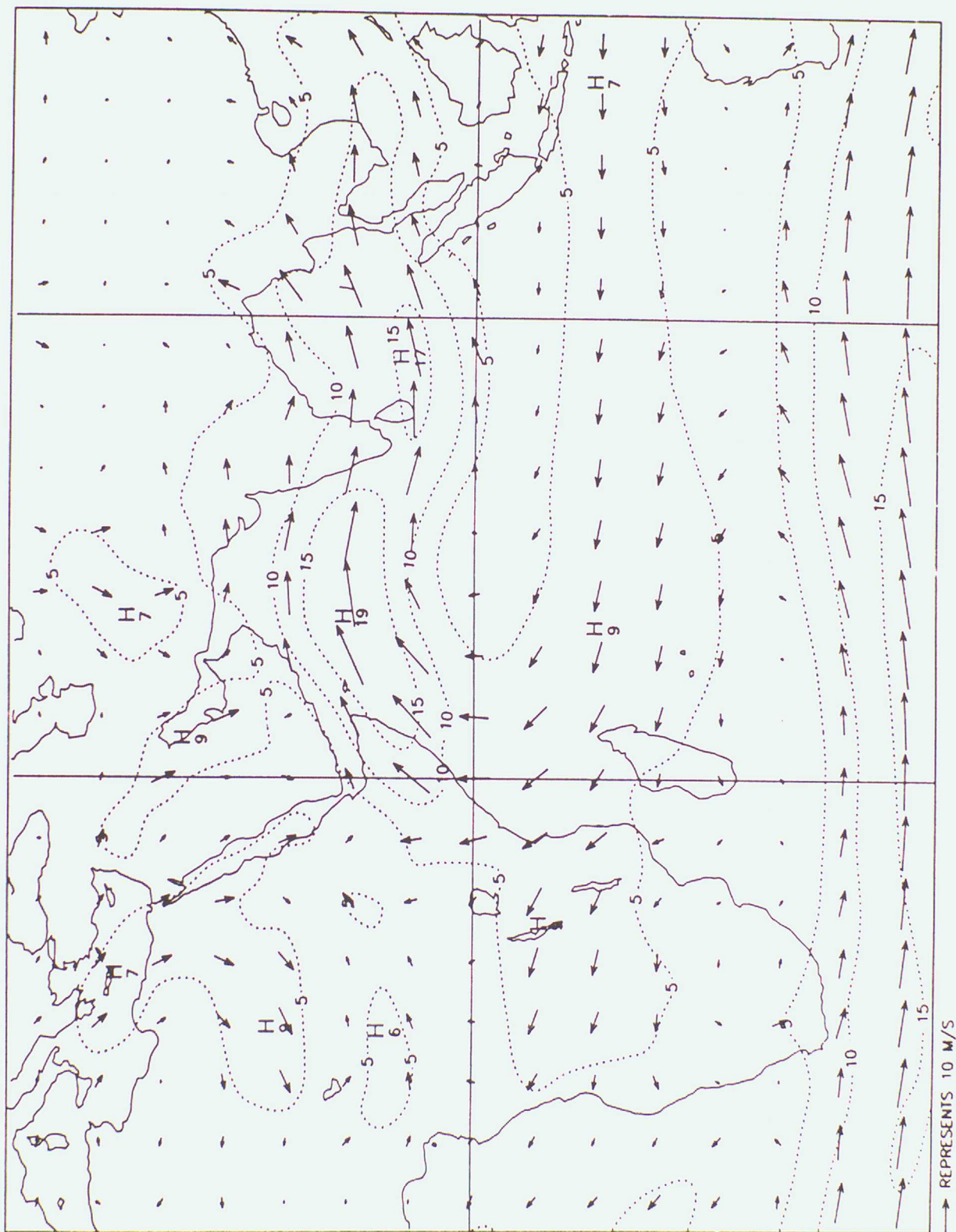


OPERATIONAL ARCHIVE MEANS. JUNE
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
LEVEL: 100 MB

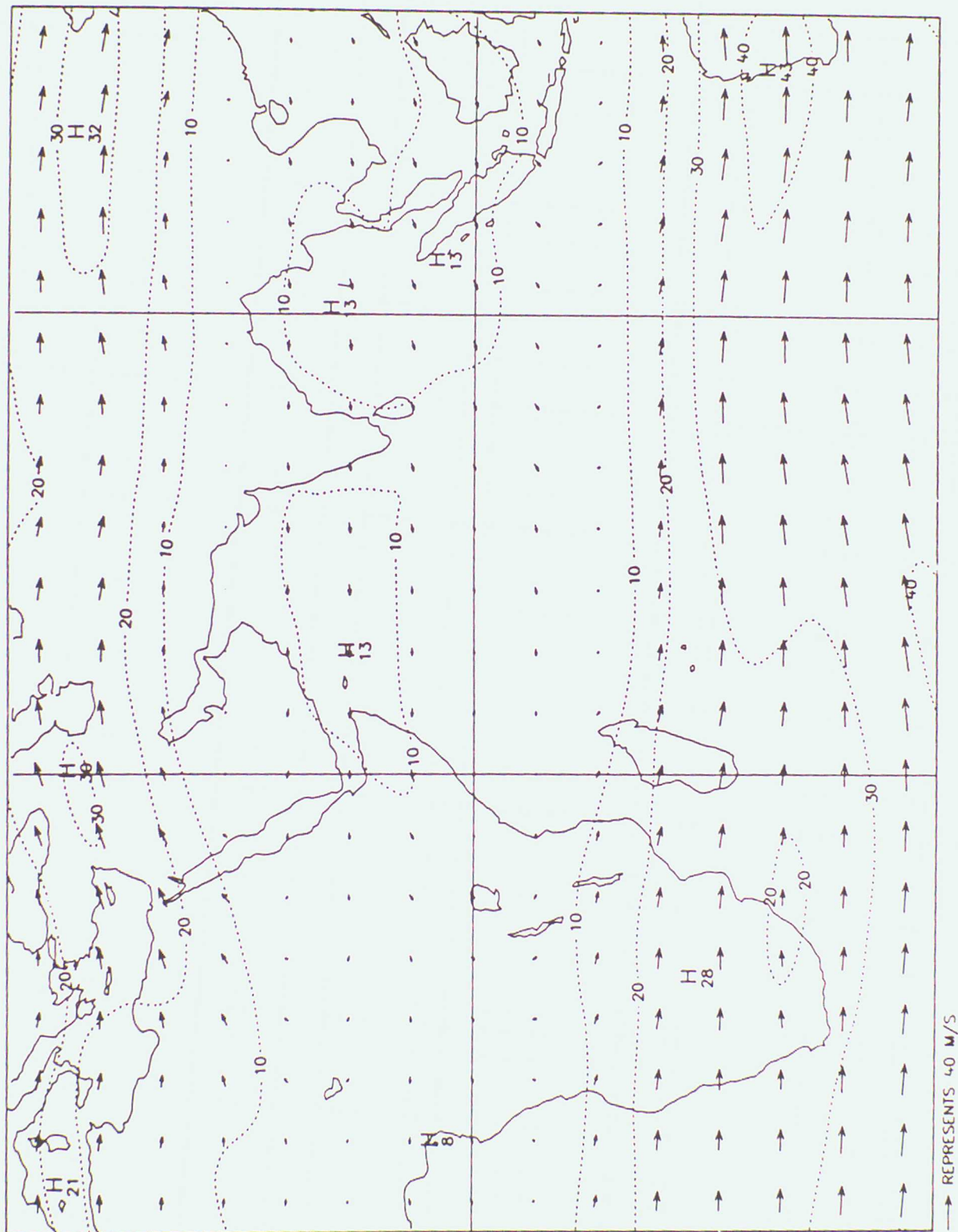
CLIMATOLOGY



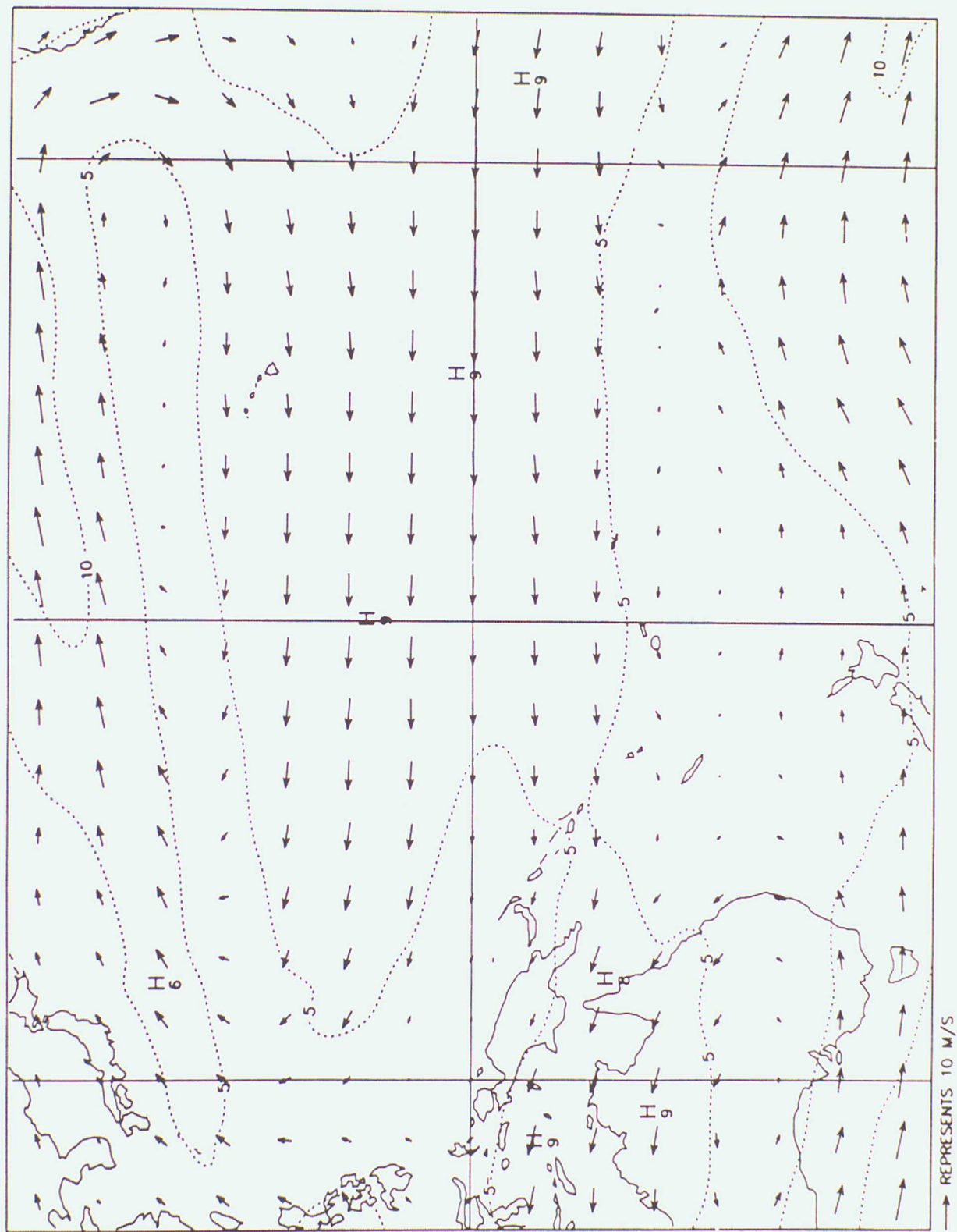
OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
850 MBS.
BETWEEN LONGS. 0 E - 120 E



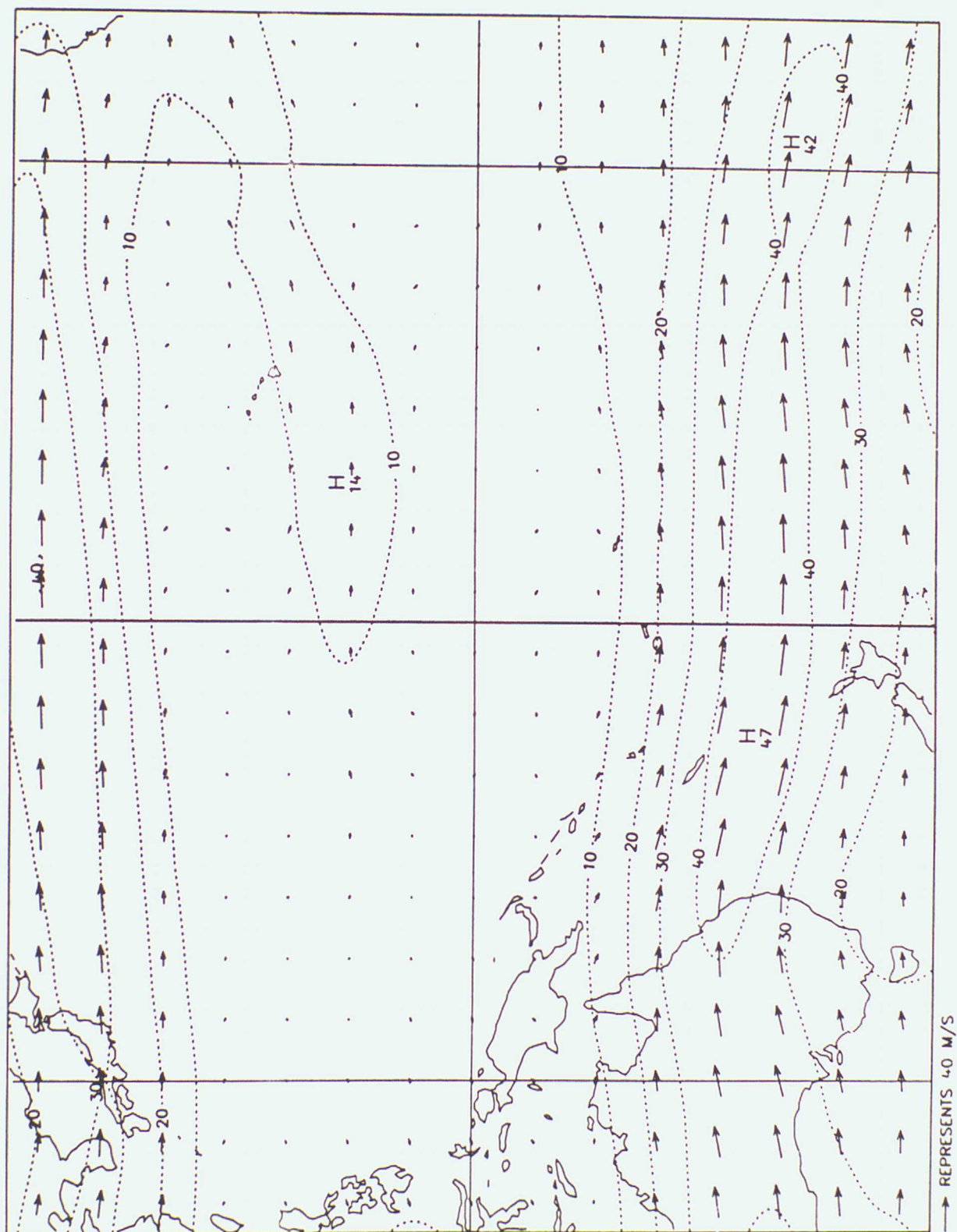
OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
 250 MBS. BETWEEN LONGS. 0 E - 120 E



OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
 BETWEEN LONGS. 120 E - 120 W
 850 MBS.

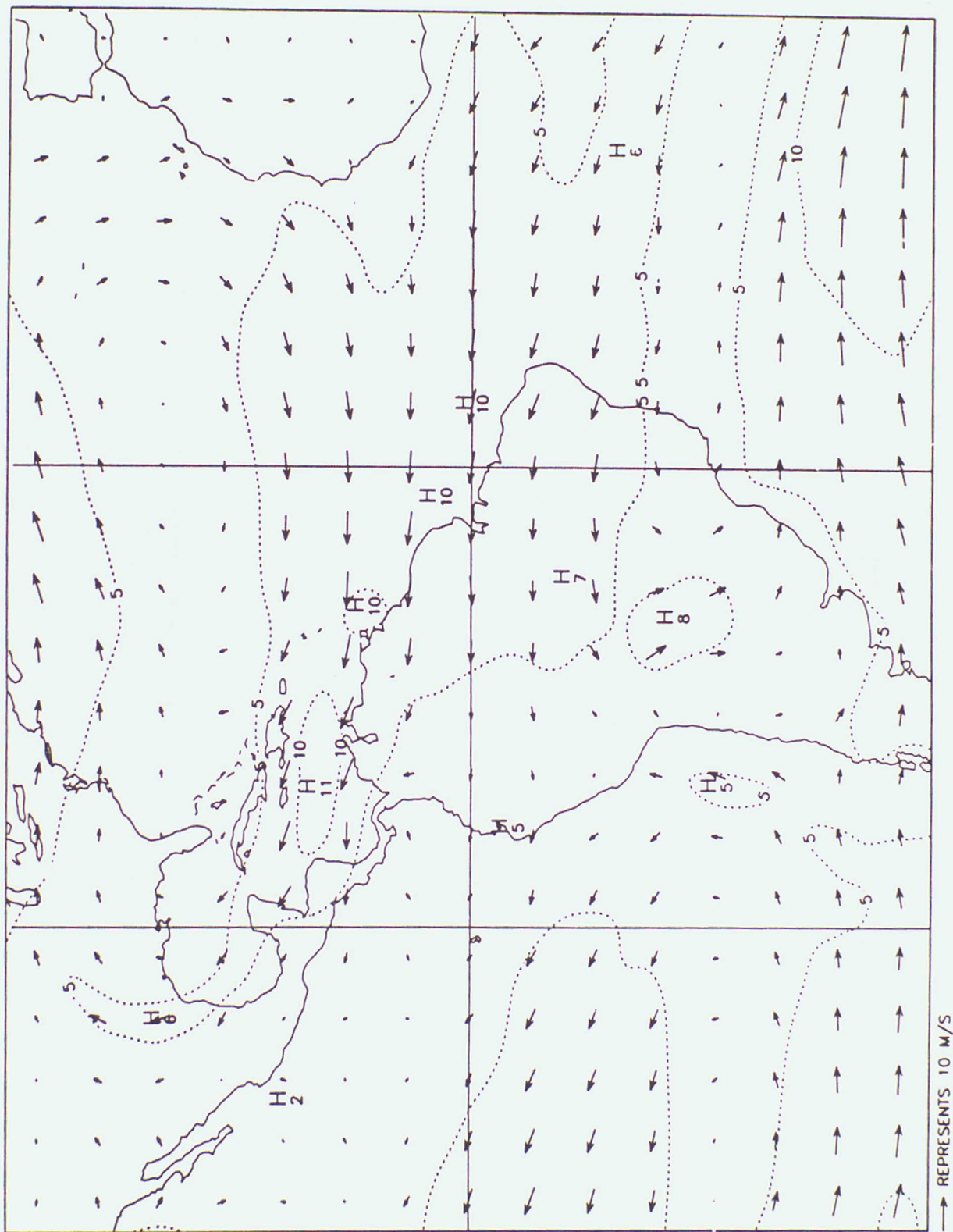


OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
250 MBS.
BETWEEN LONGS. 120 E - 120 W

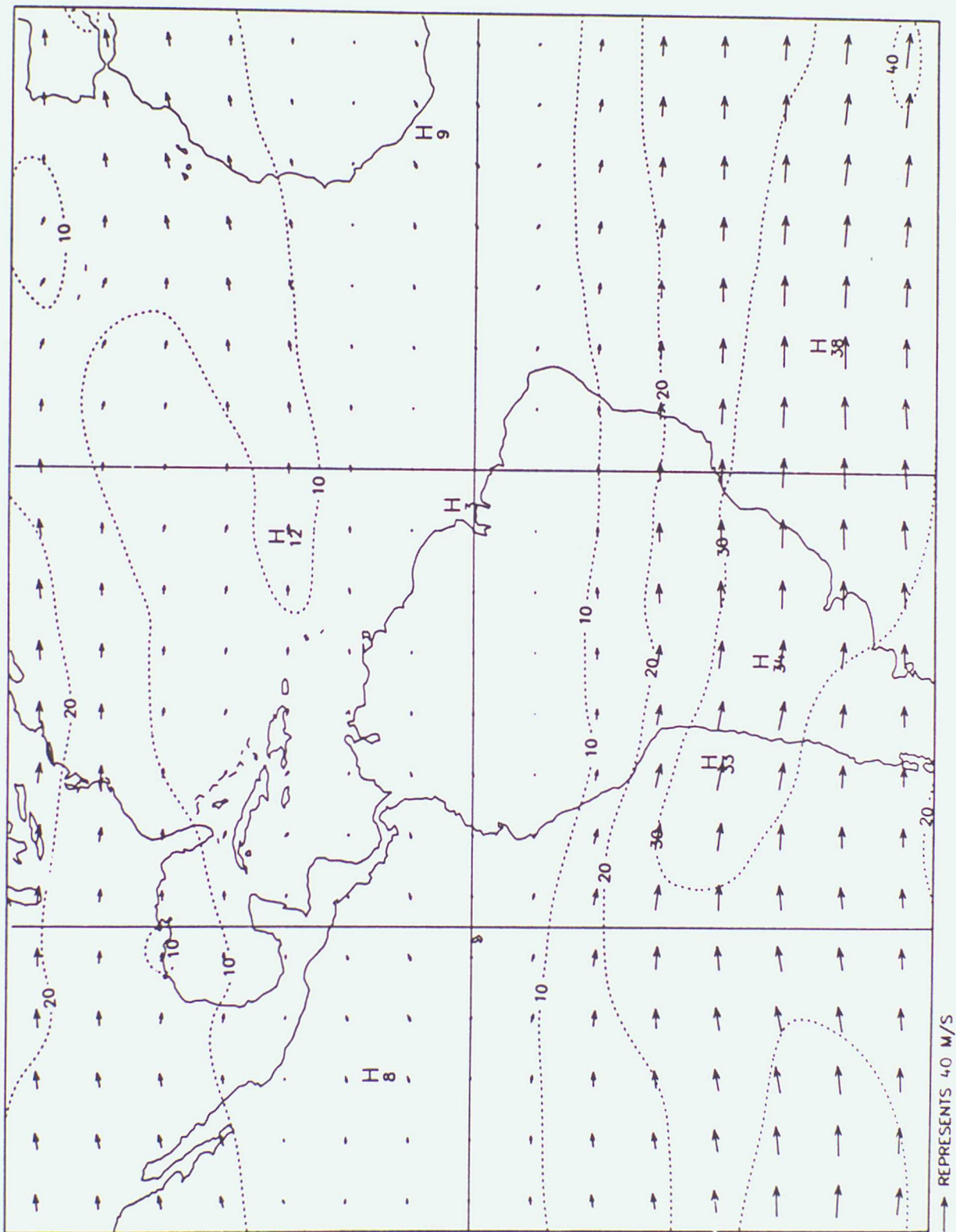


→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
850 MBS.
BETWEEN LONGS. 120 W - 0 W

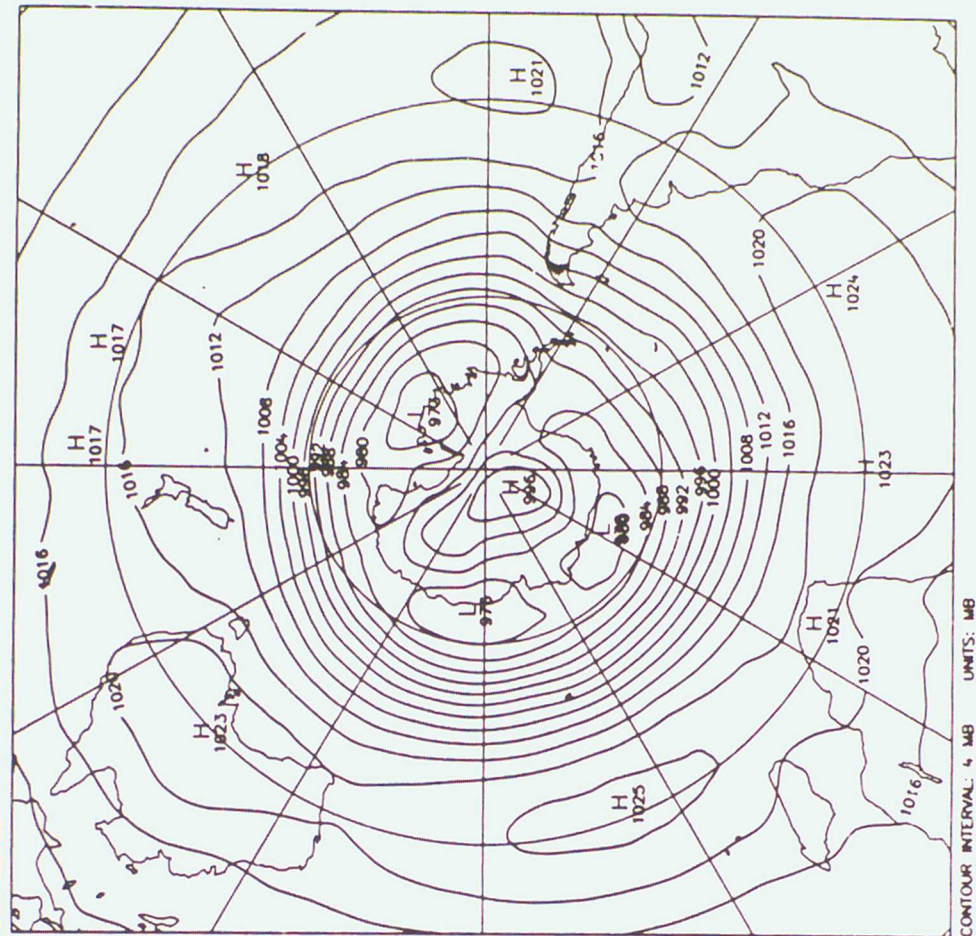
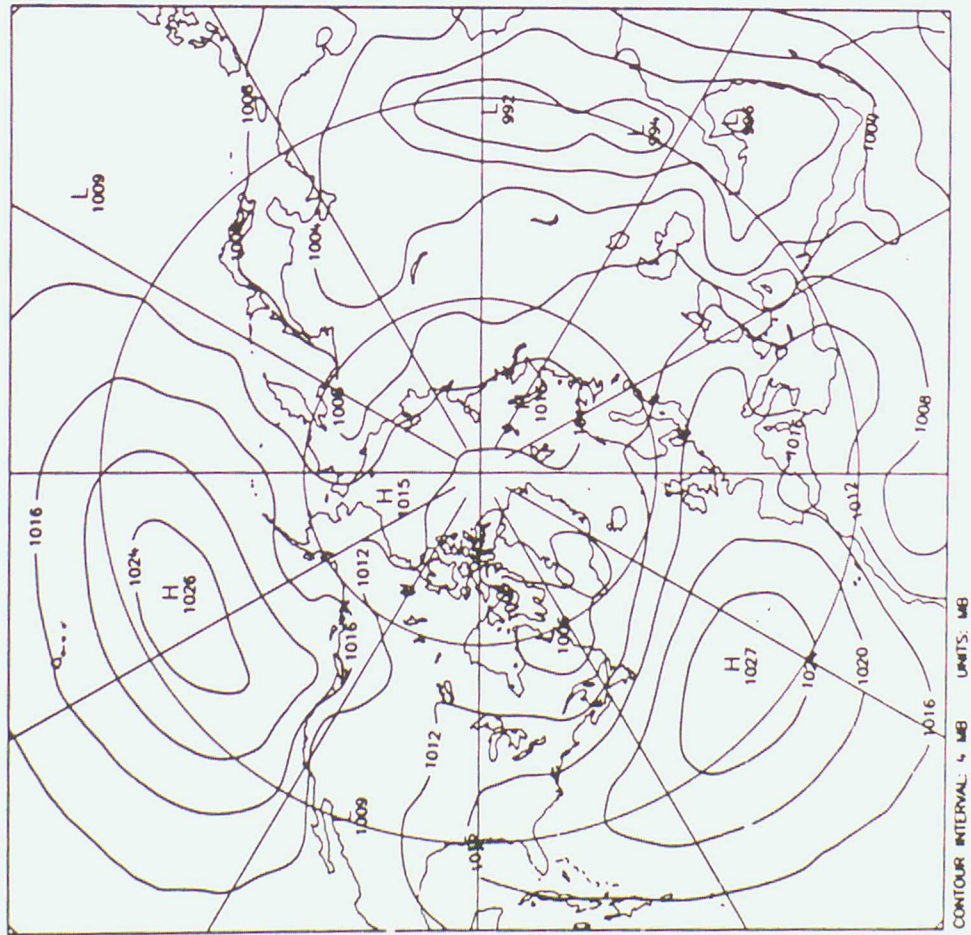


OPERATIONAL ARCHIVE MEANS. JUNE CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 30/6/1985 DAY 181
 250 MBS.
 BETWEEN LONGS. 120 W - 0 W

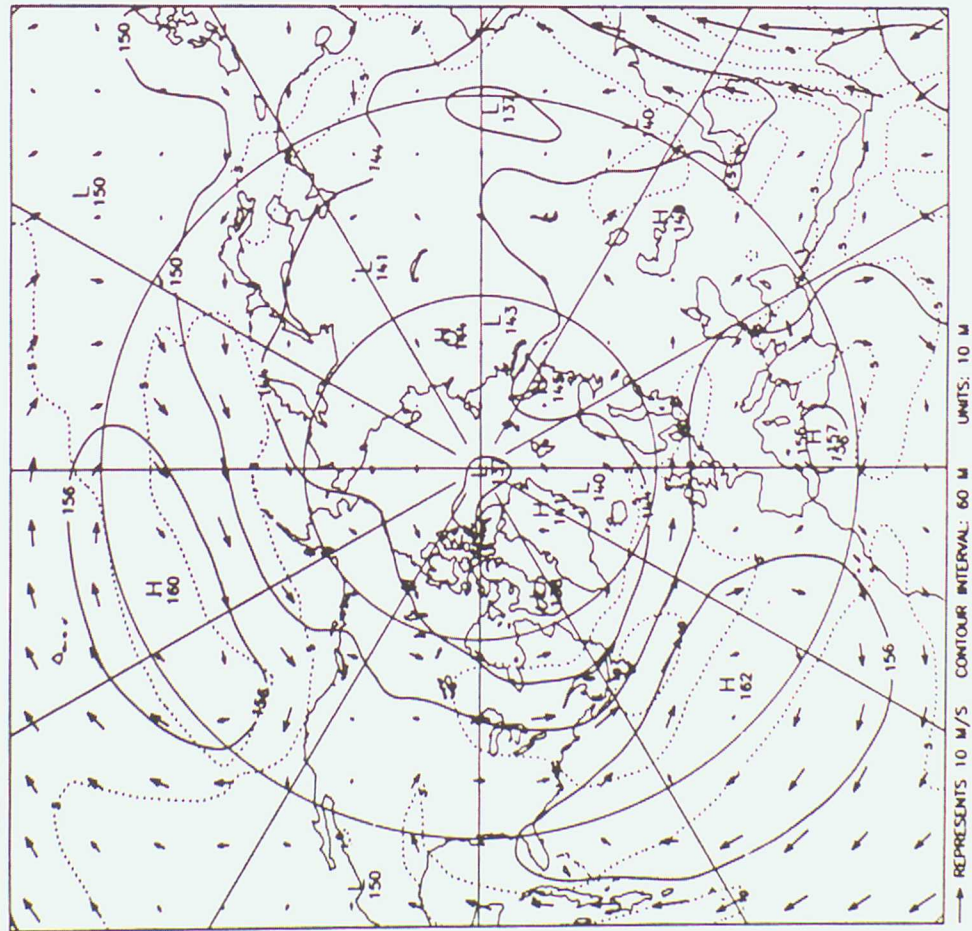


JULY

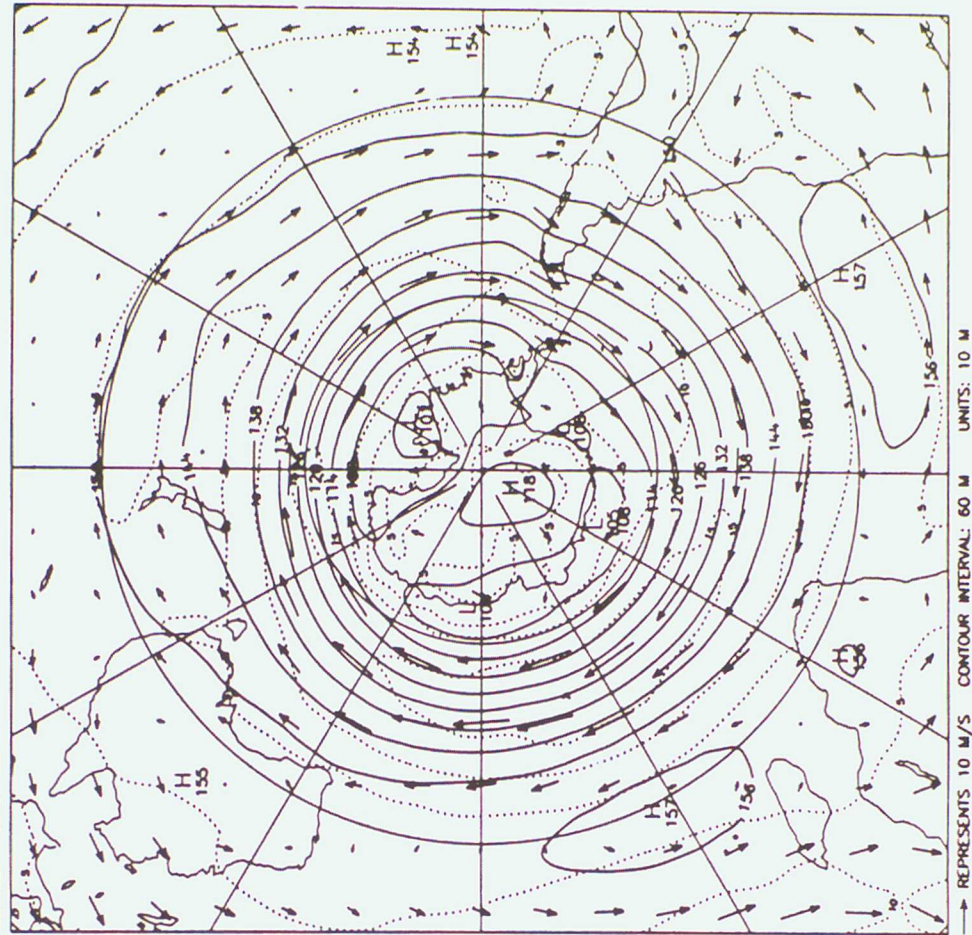
OPERATIONAL ARCHIVE MEANS: JULY CLIMATOLOGY
PWSL
AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
SEA LEVEL



OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 LEVEL: 850 MB

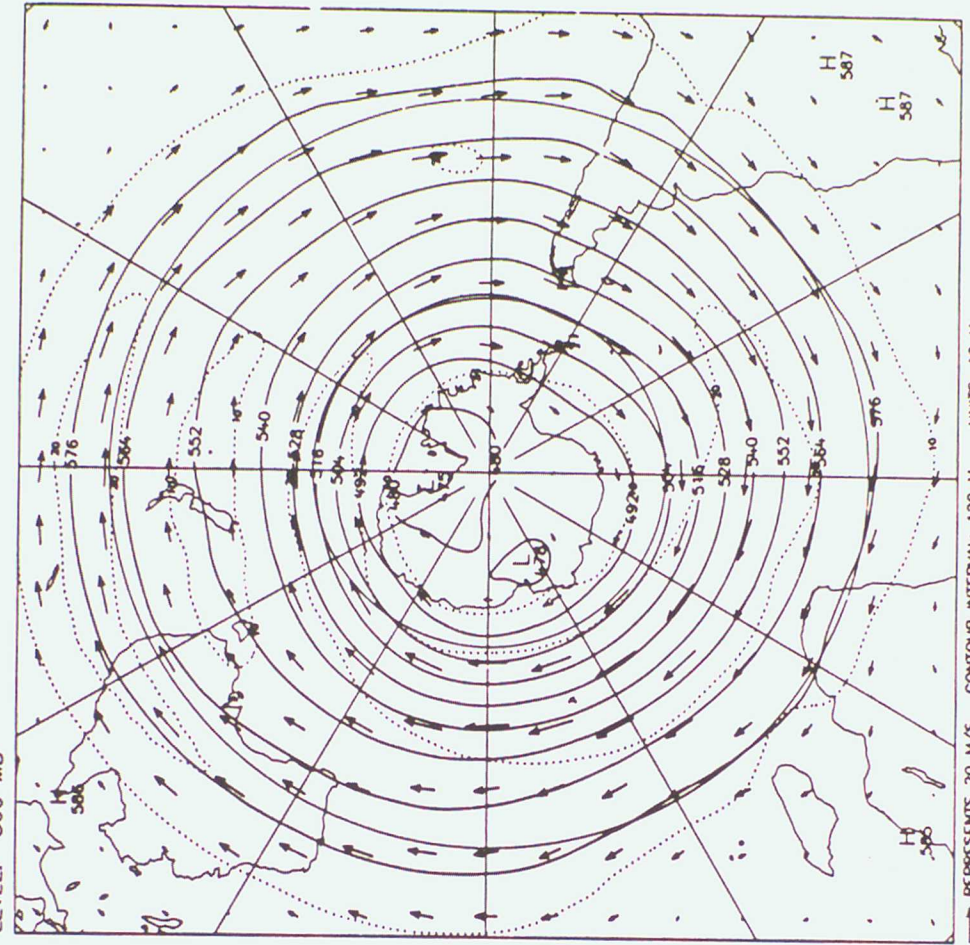
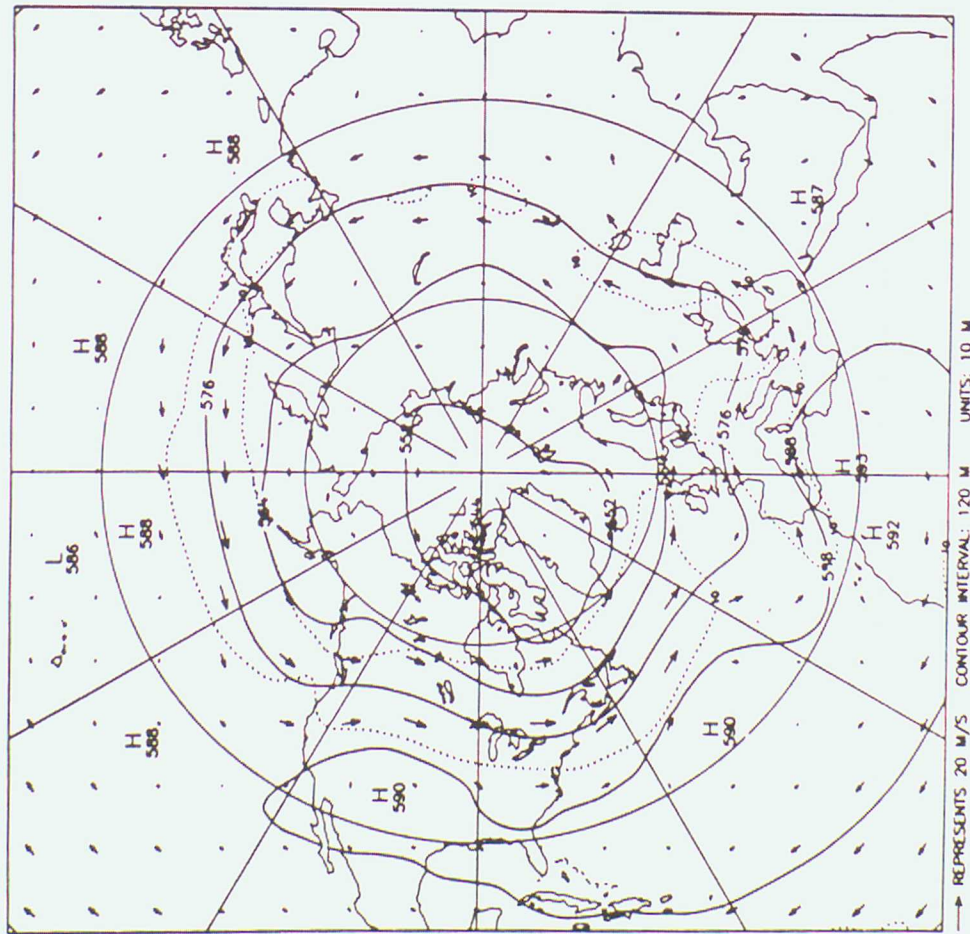


OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 LEVEL: 850 MB



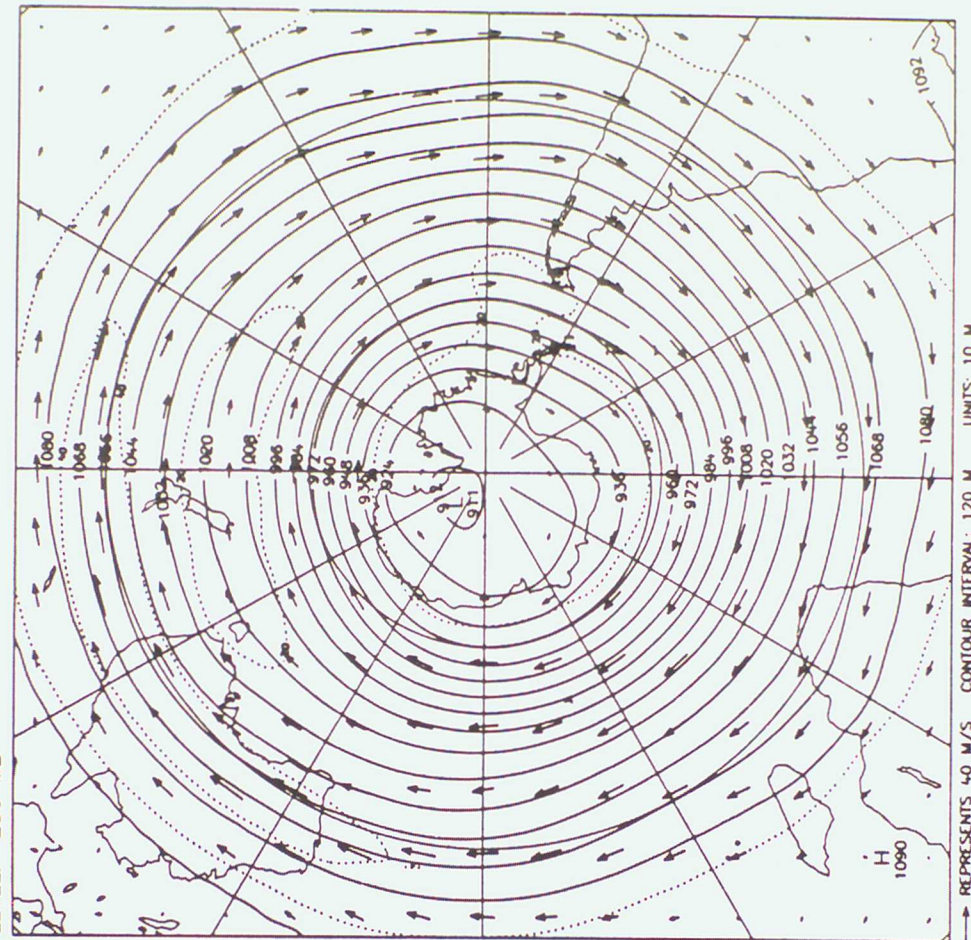
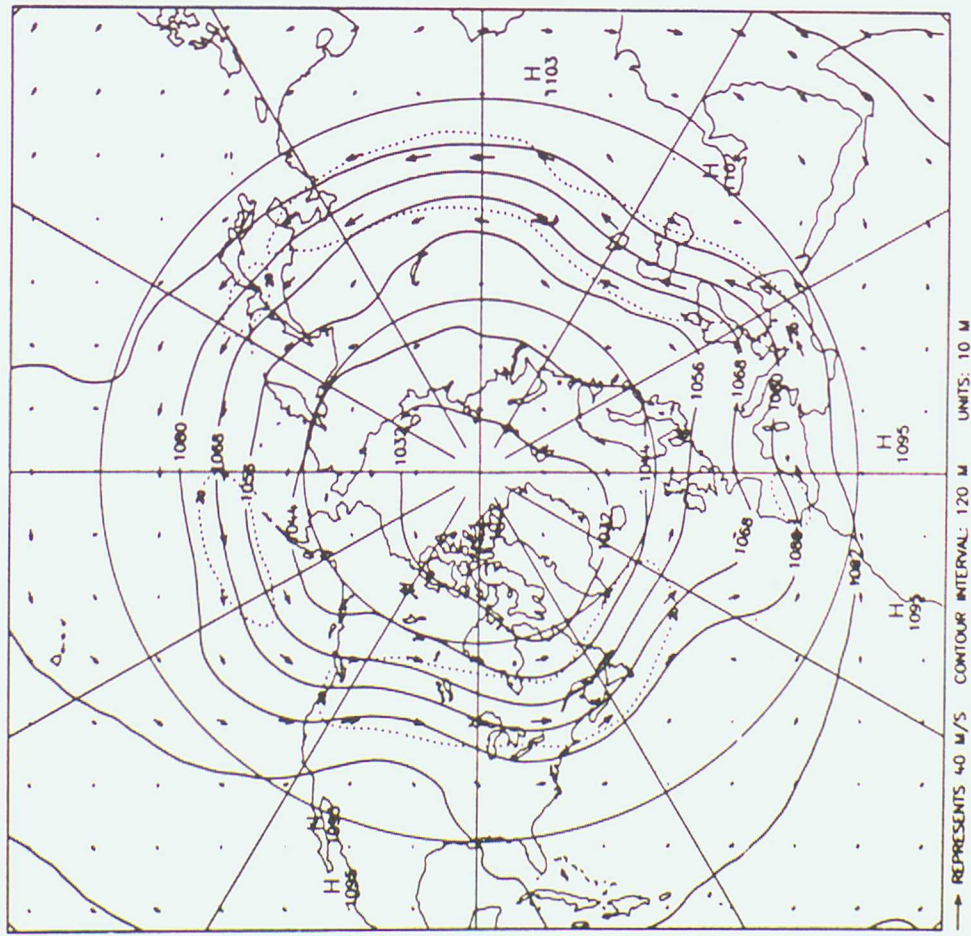
OPERATIONAL ARCHIVE MEANS. JULY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 LEVEL: 500 MB

OPERATIONAL ARCHIVE MEANS. JULY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 LEVEL: 500 MB

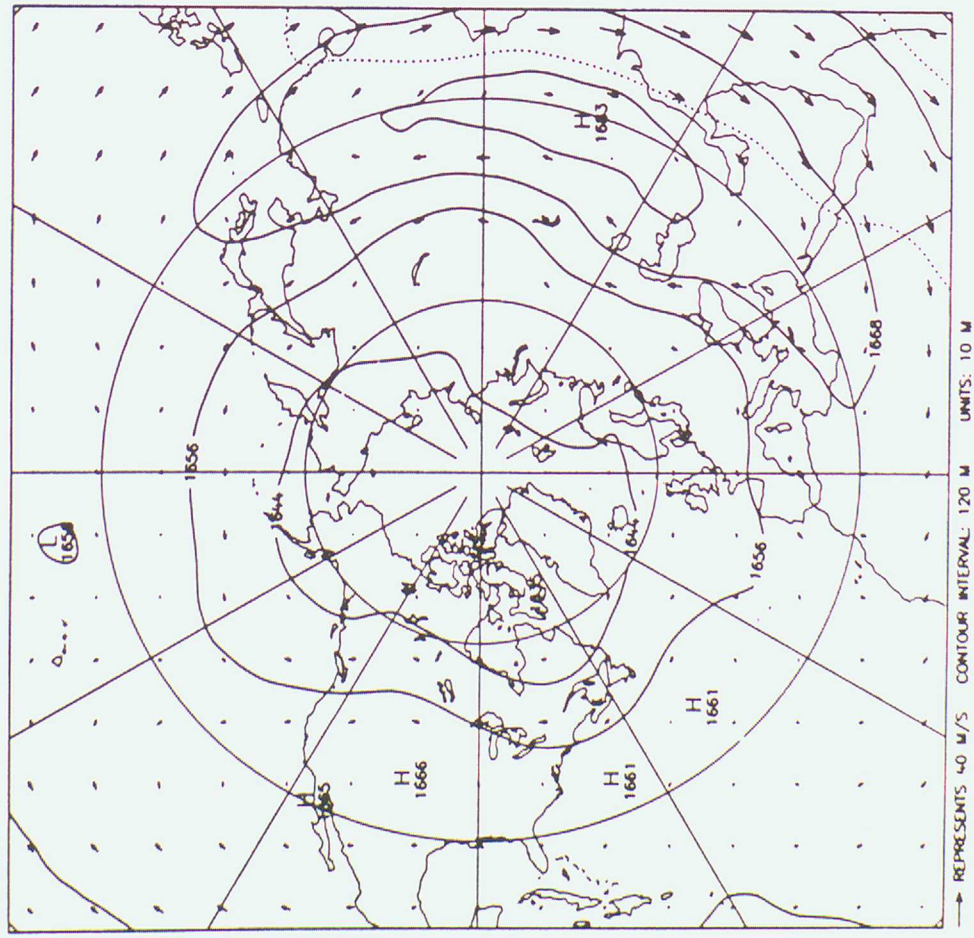


OPERATIONAL ARCHIVE MEANS. JULY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 LEVEL: 250 MB

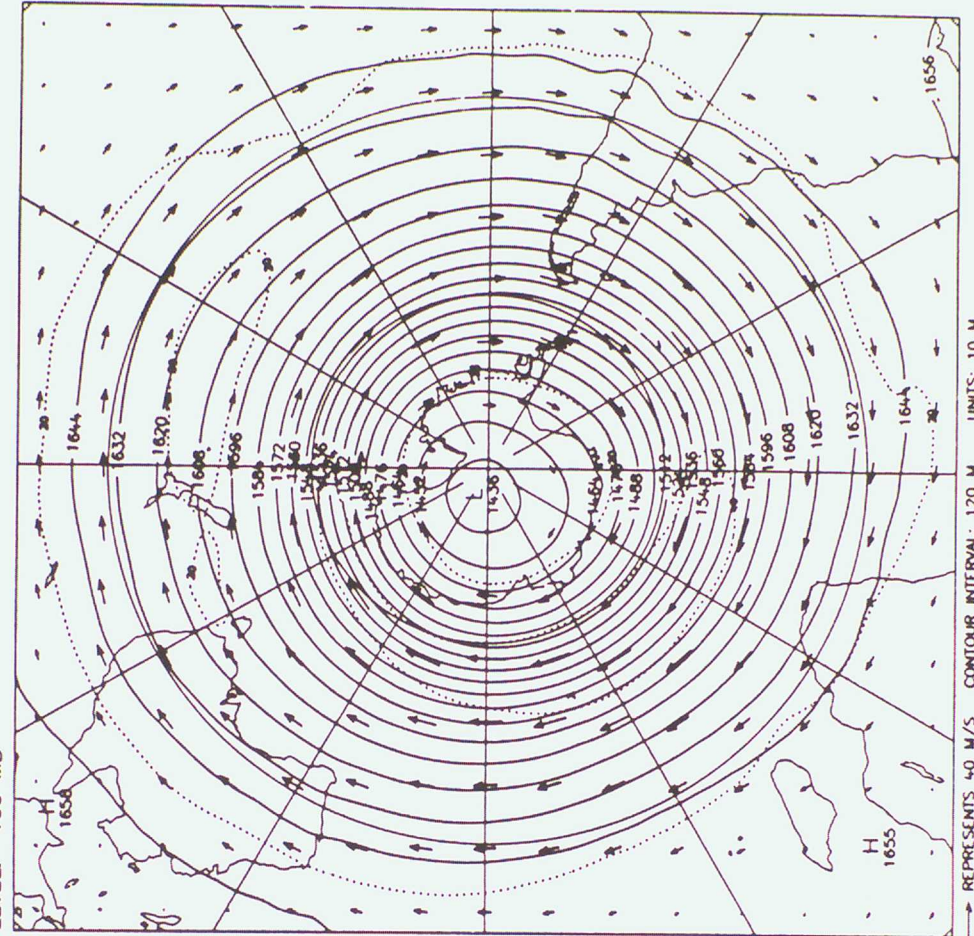
OPERATIONAL ARCHIVE MEANS. JULY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 LEVEL: 250 MB



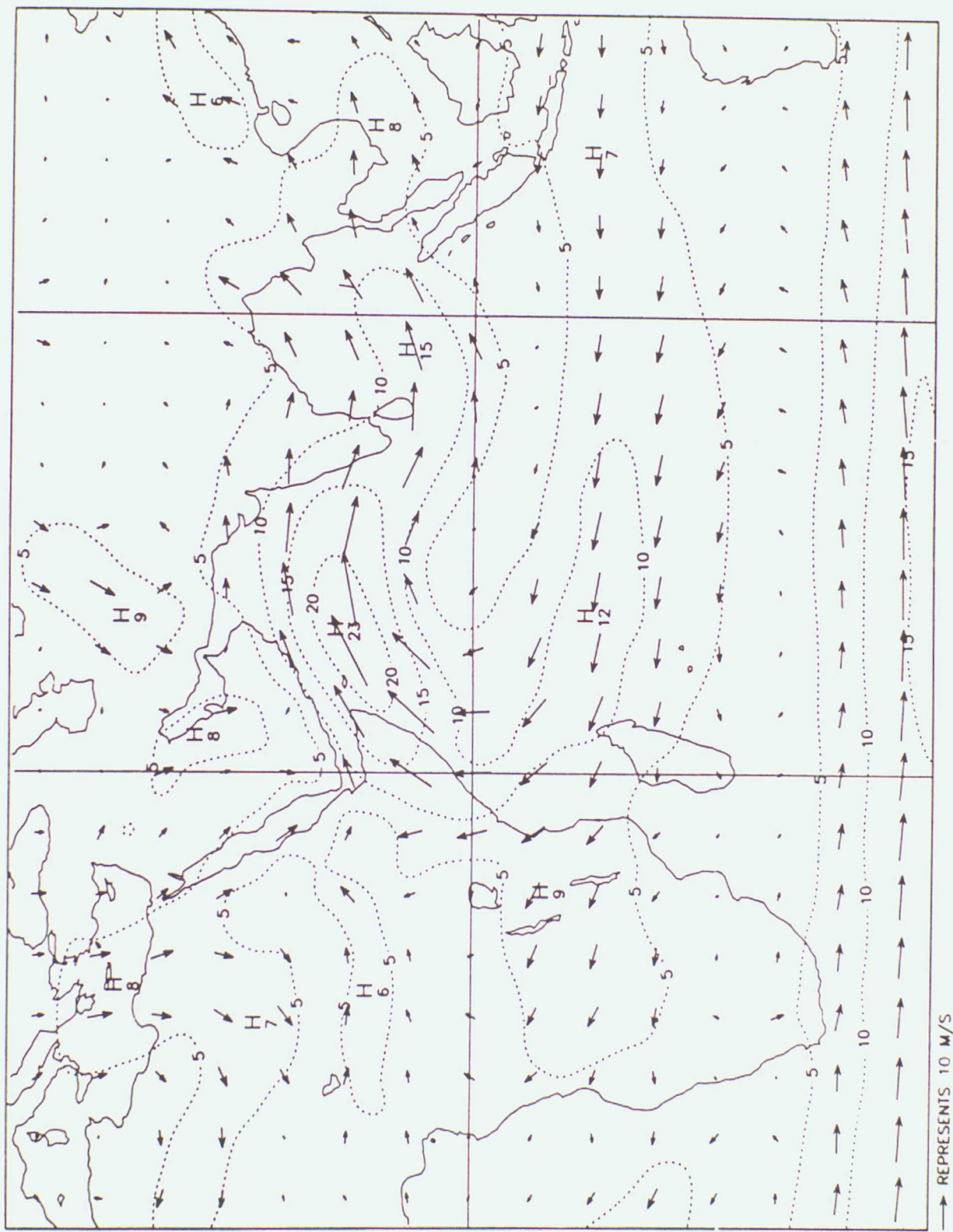
OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 LEVEL: 100 MB



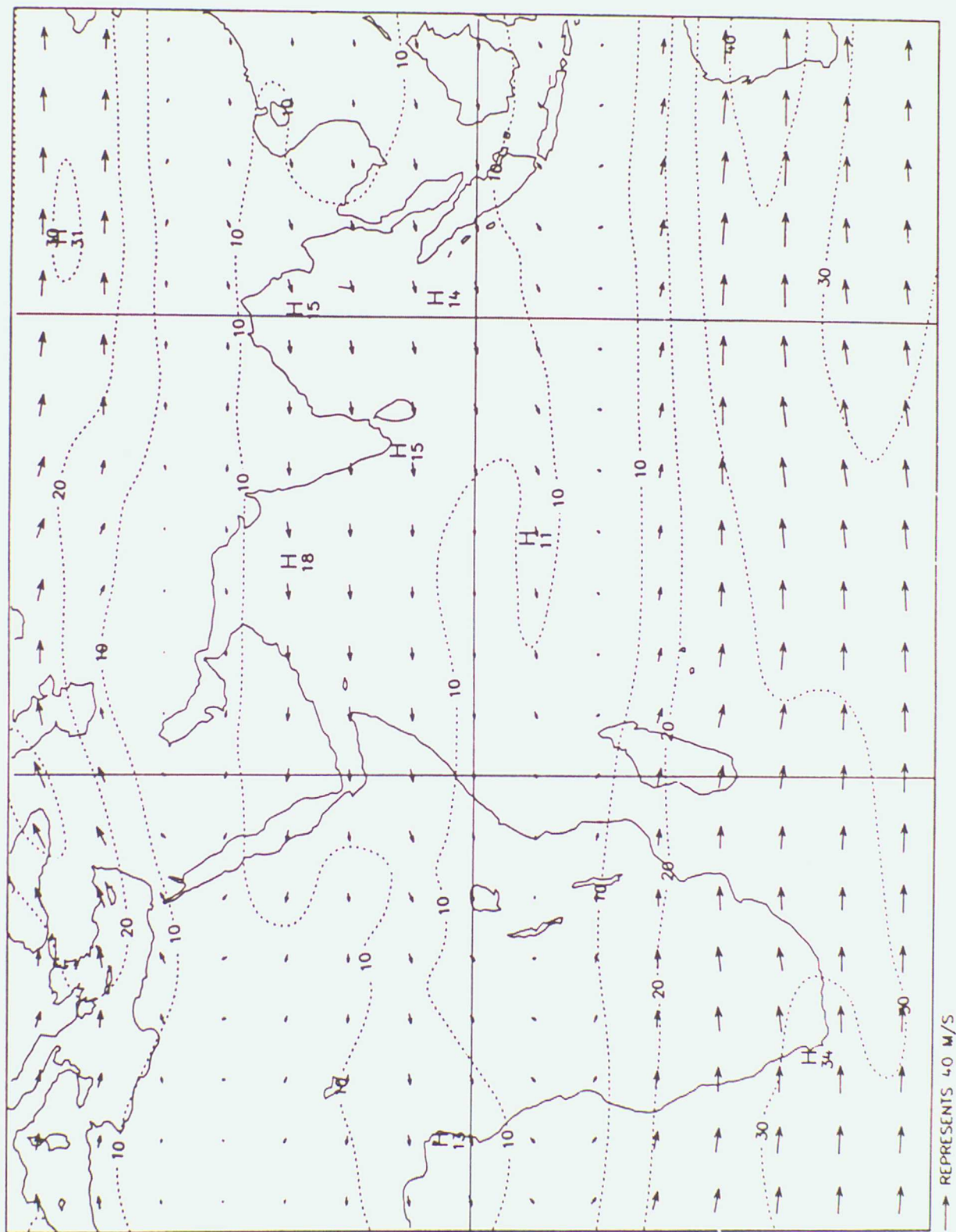
OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 LEVEL: 100 MB



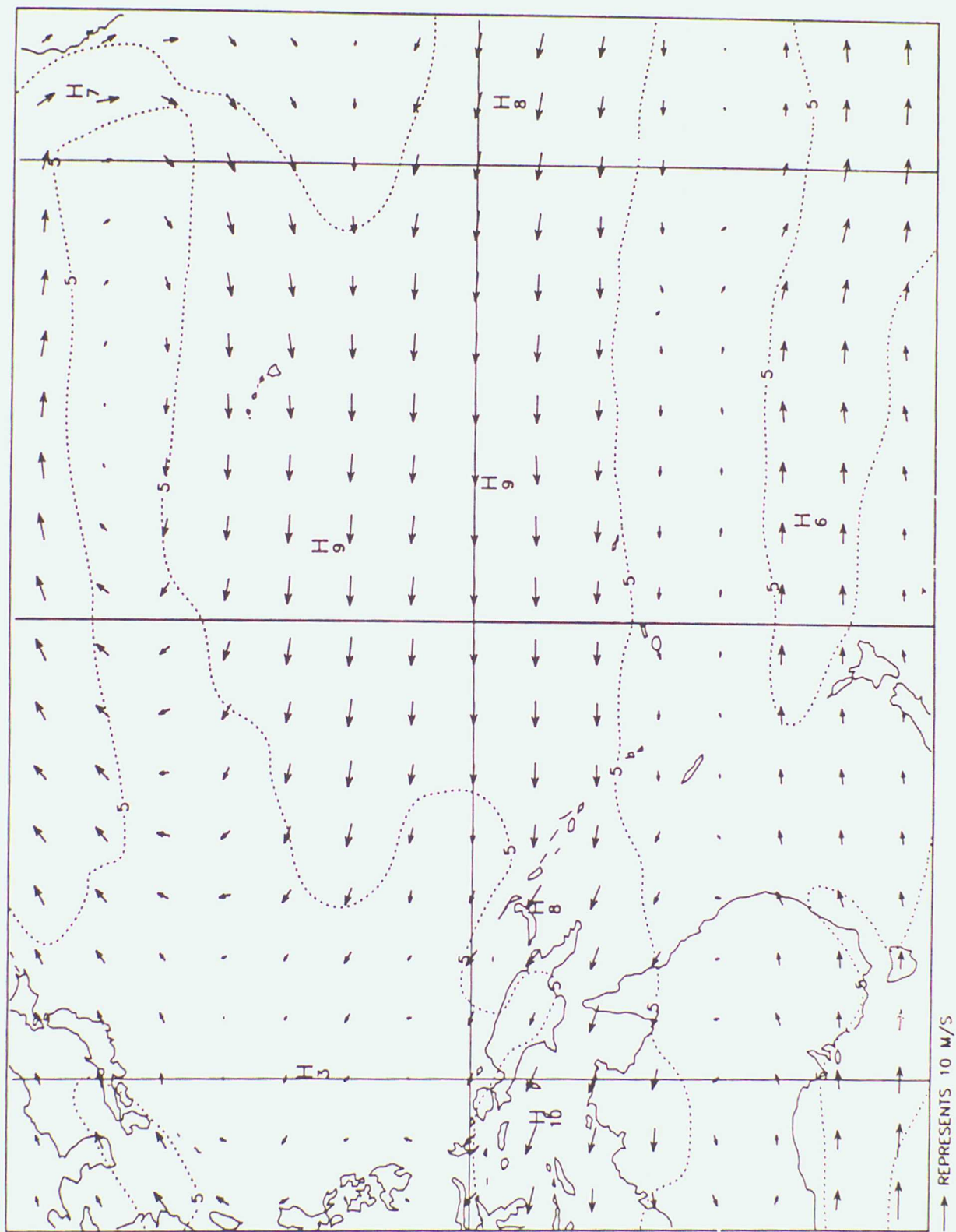
OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
850 MBS.
BETWEEN LONGS. 0 E - 120 E



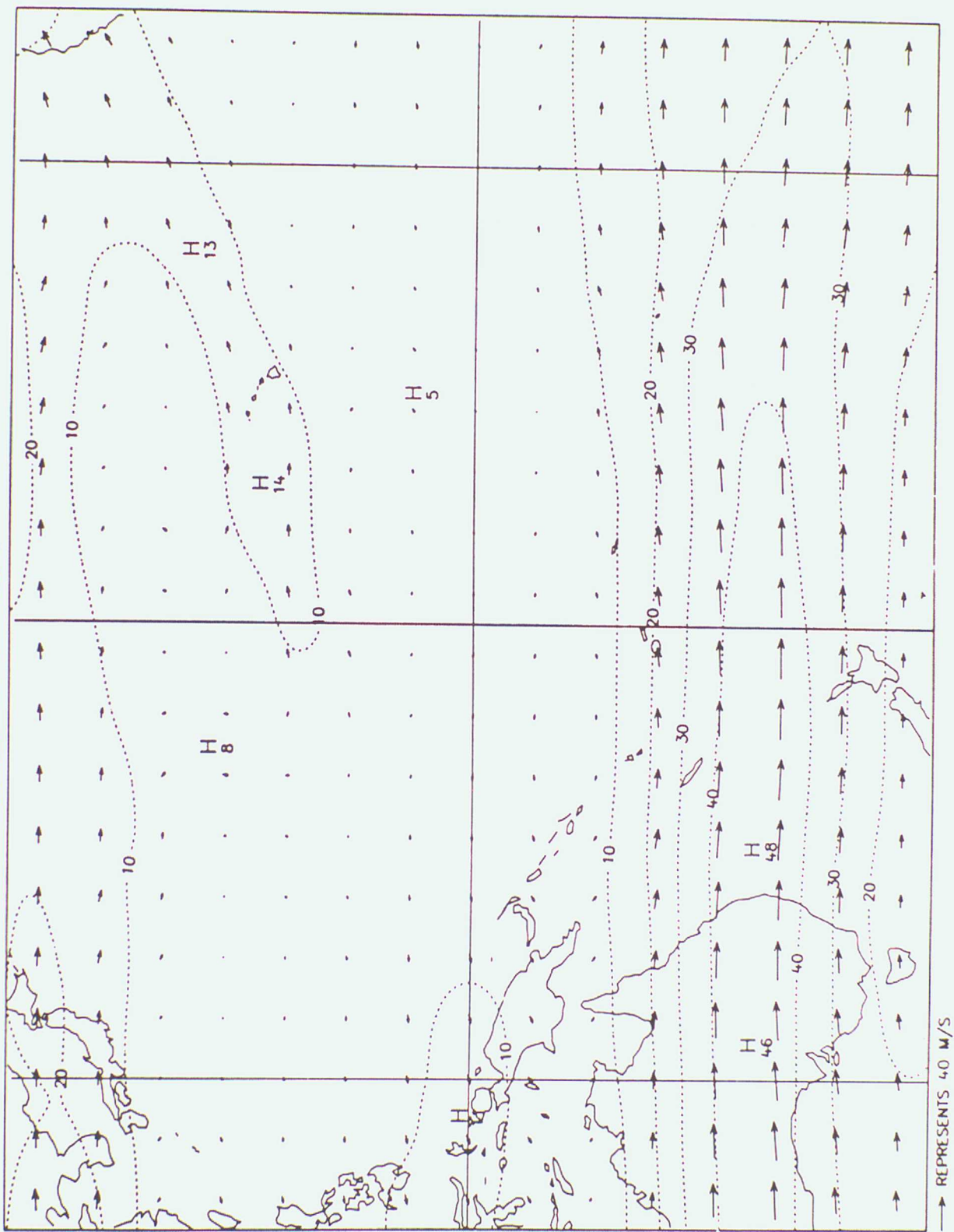
OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
250 MBS. BETWEEN LONGS. 0 E - 120 E



CLIMATOLOGY

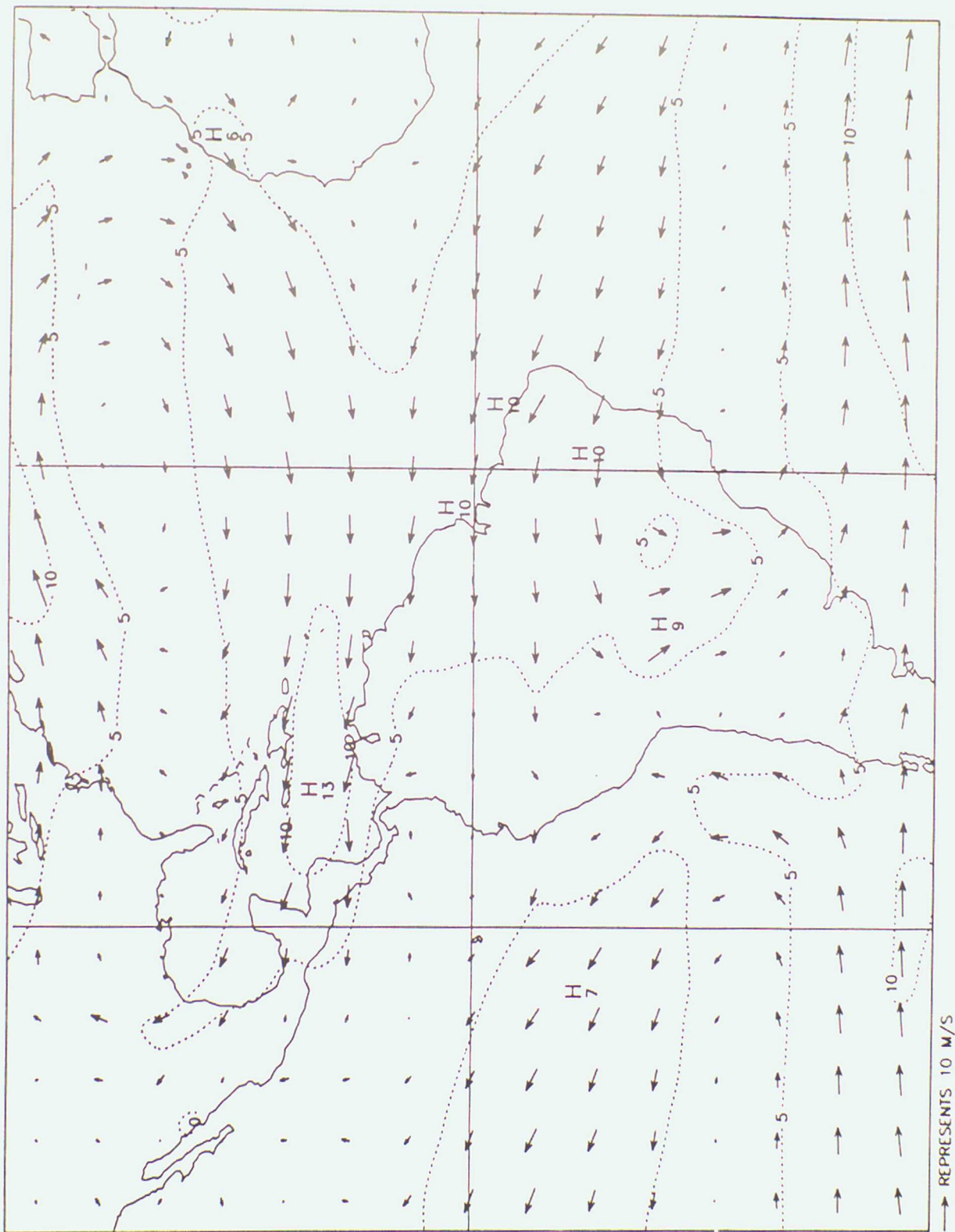


OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
250 MBS.
BETWEEN LONGS. 120 E - 120 W

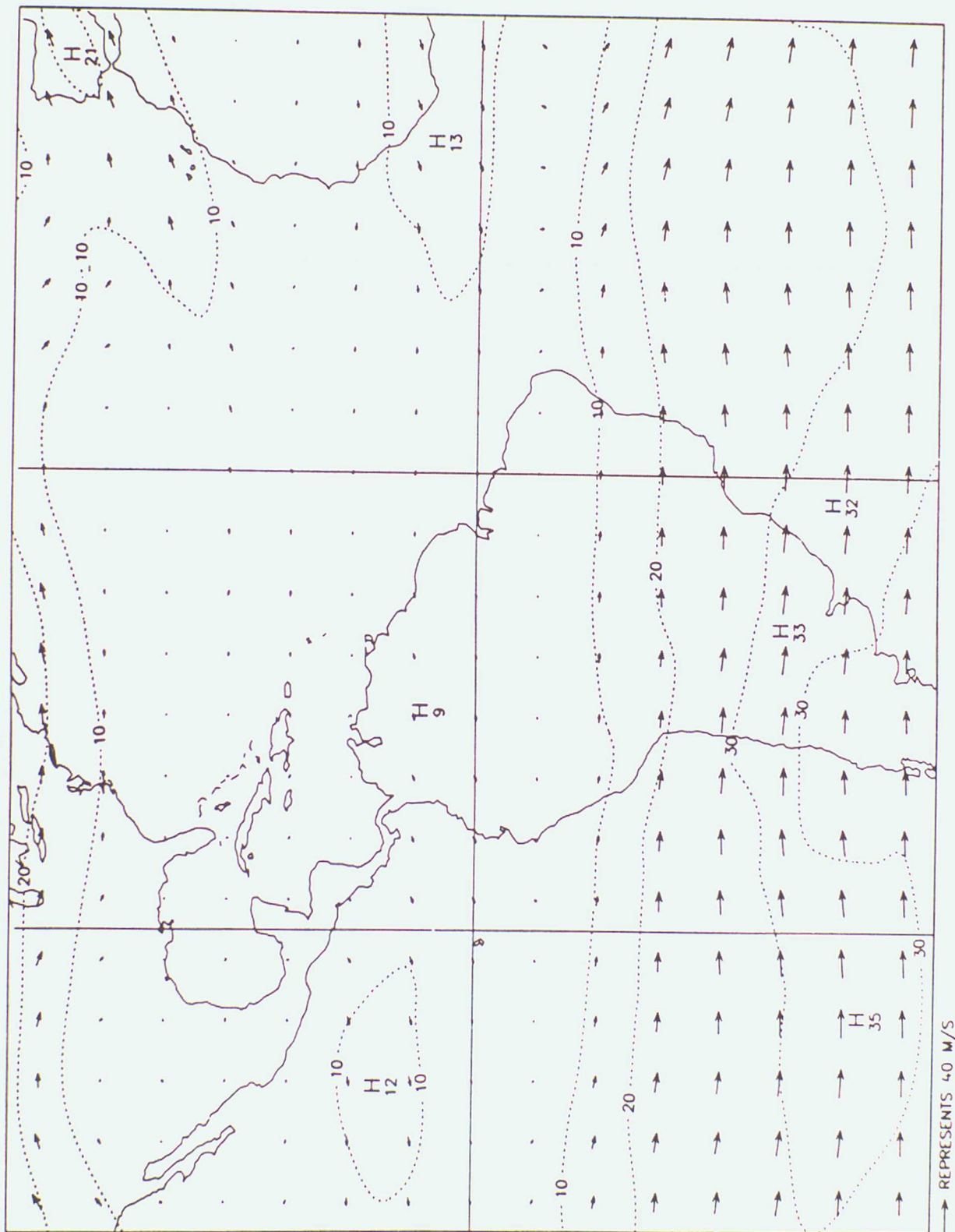


→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W

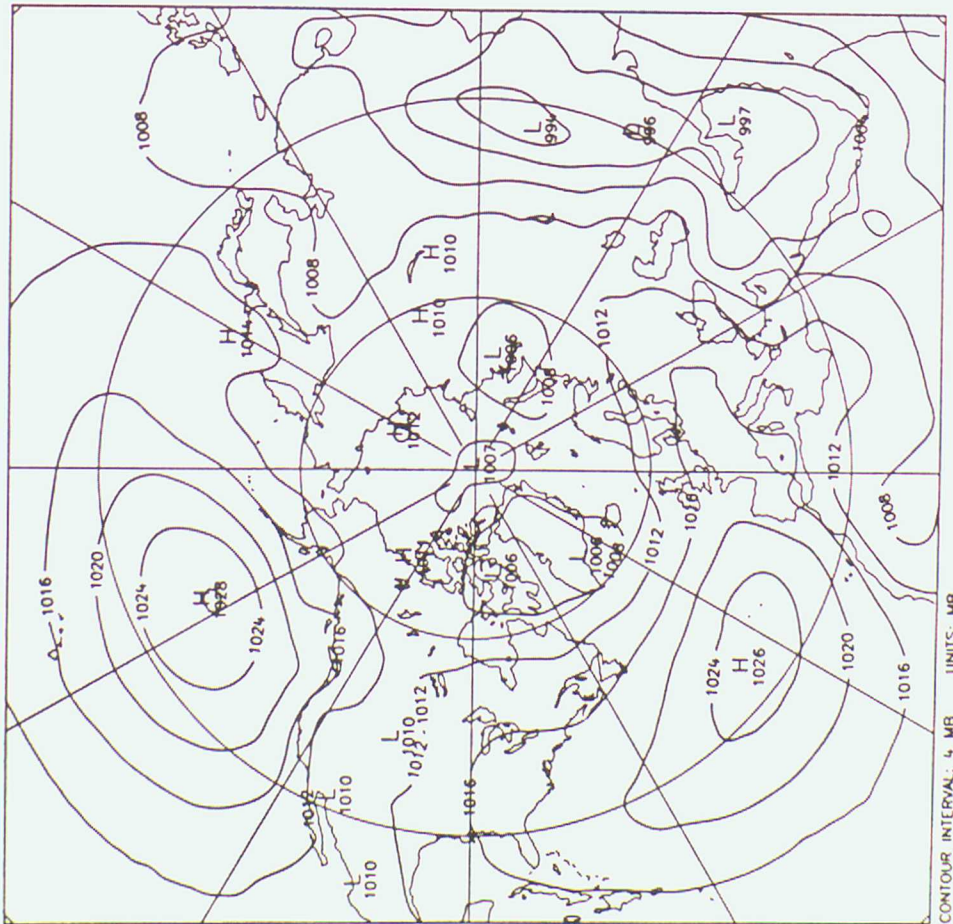


OPERATIONAL ARCHIVE MEANS. JULY CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/7/1983 DAY 182 TO 12Z ON 31/7/1985 DAY 212
250 MBS. BETWEEN LONGS. 120 W - 0 W

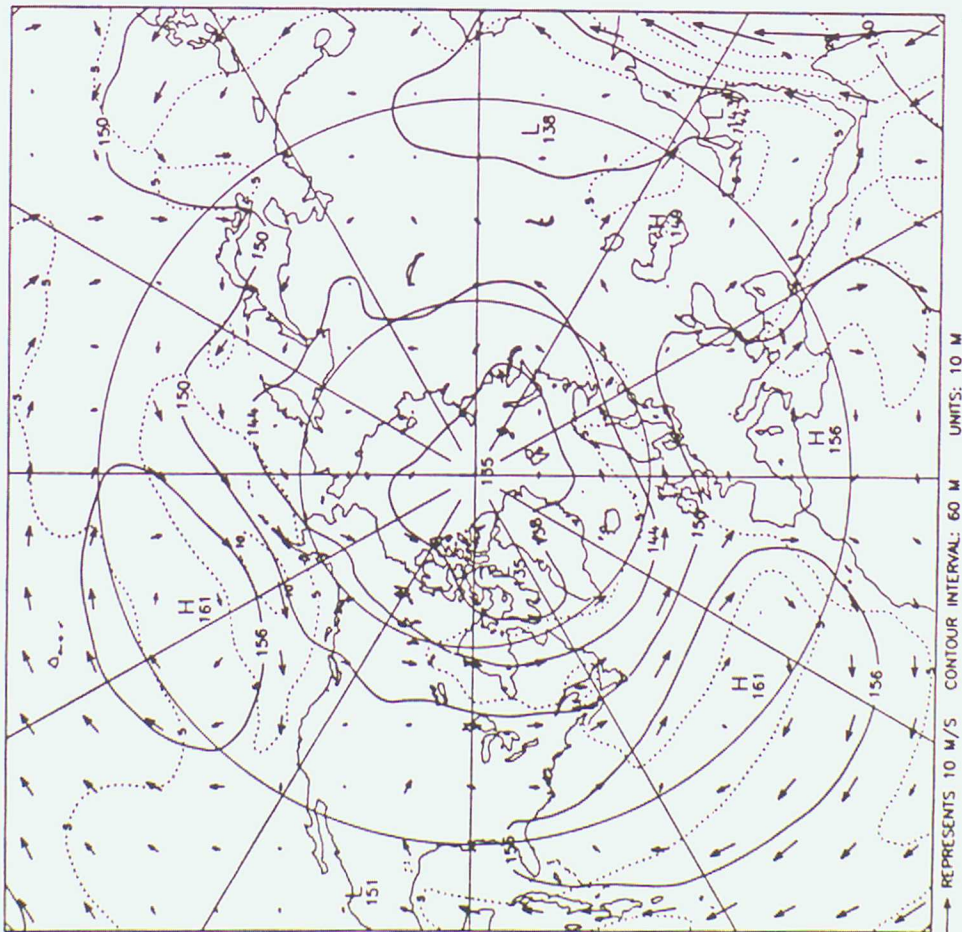


AUGUST

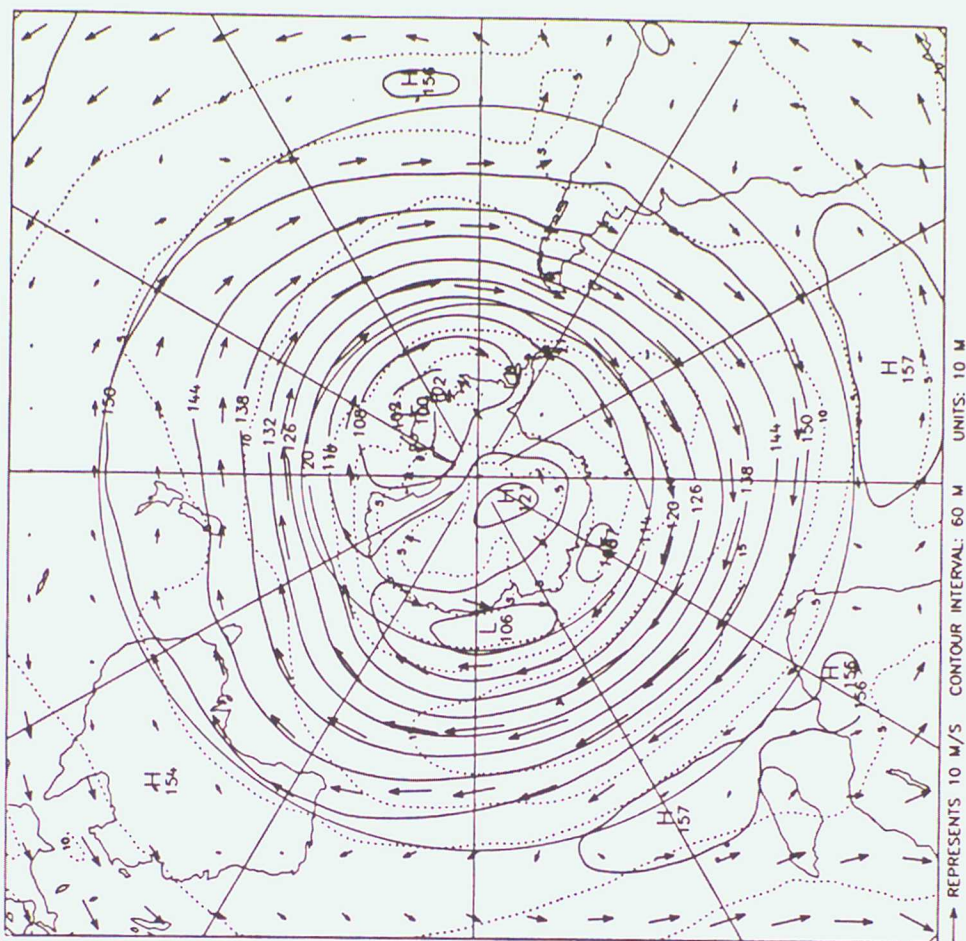
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
SEA LEVEL



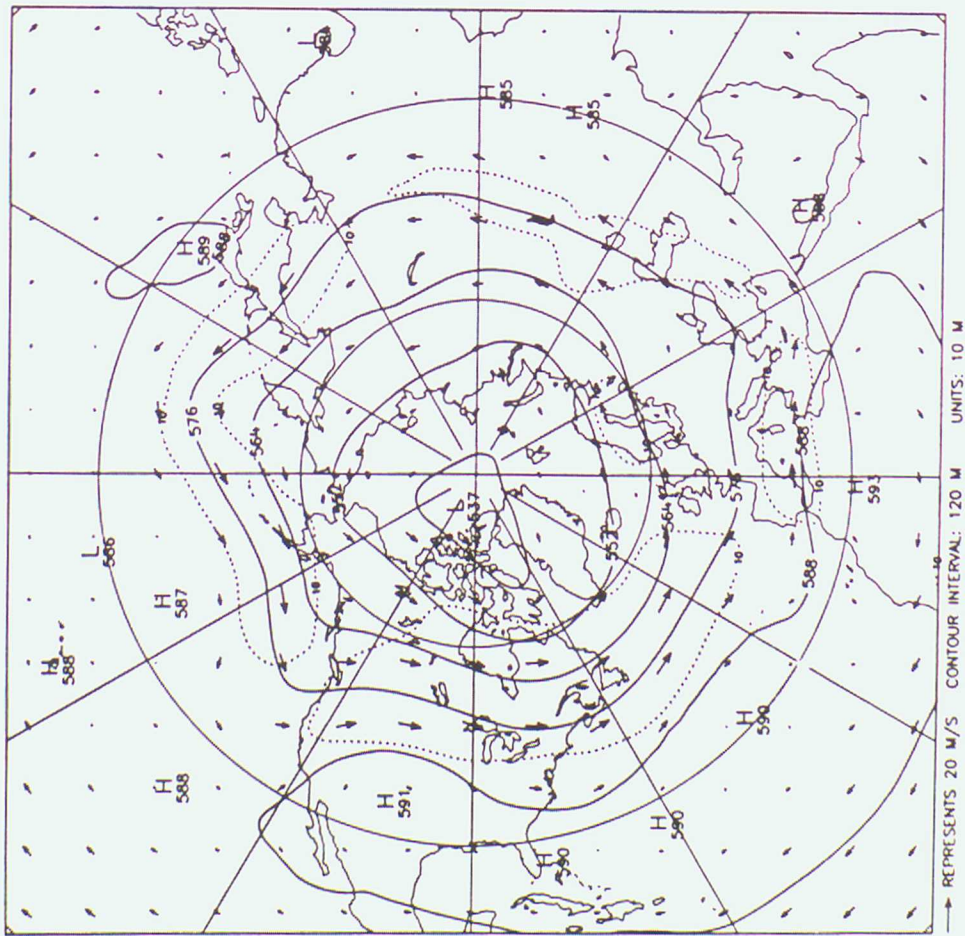
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 850 MB



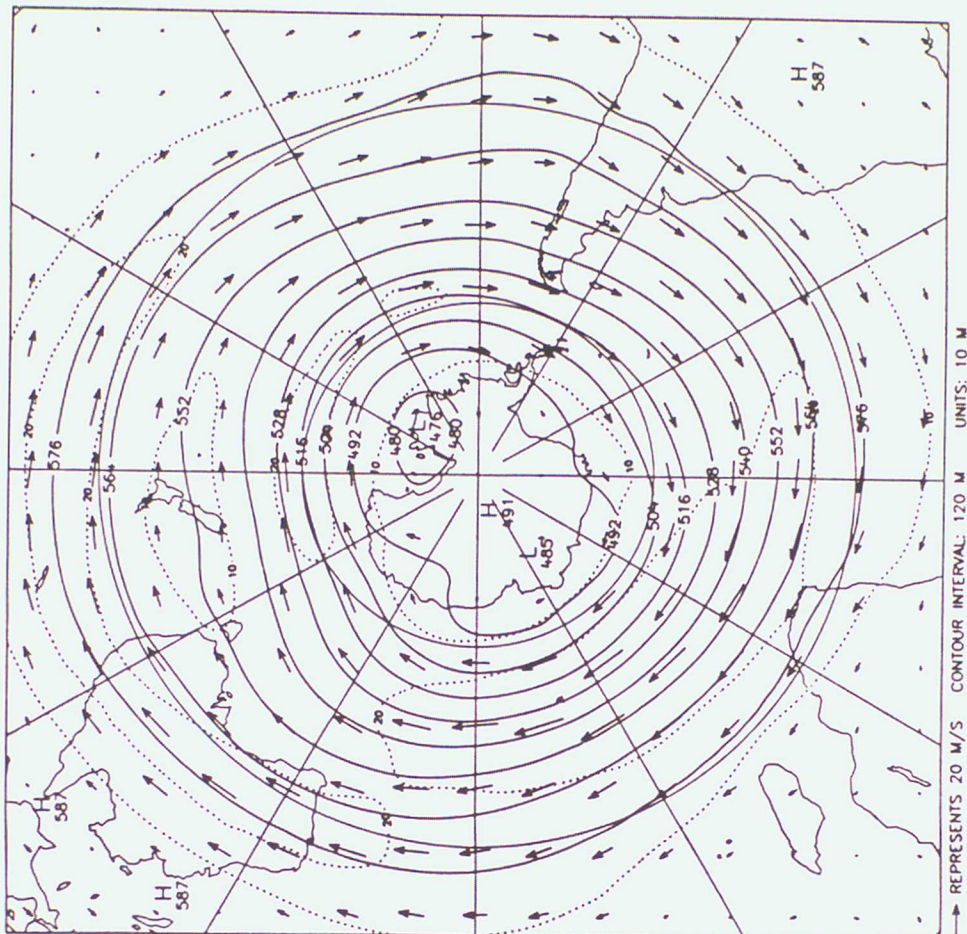
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 850 MB



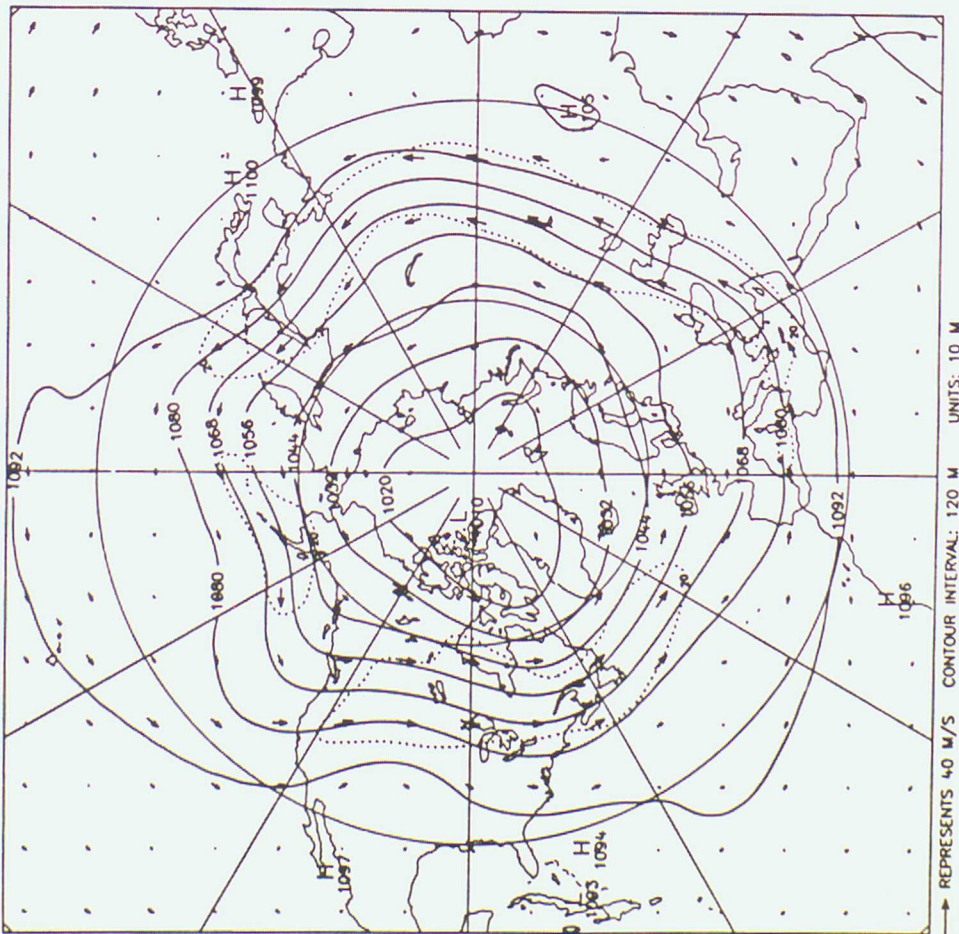
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 500 MB



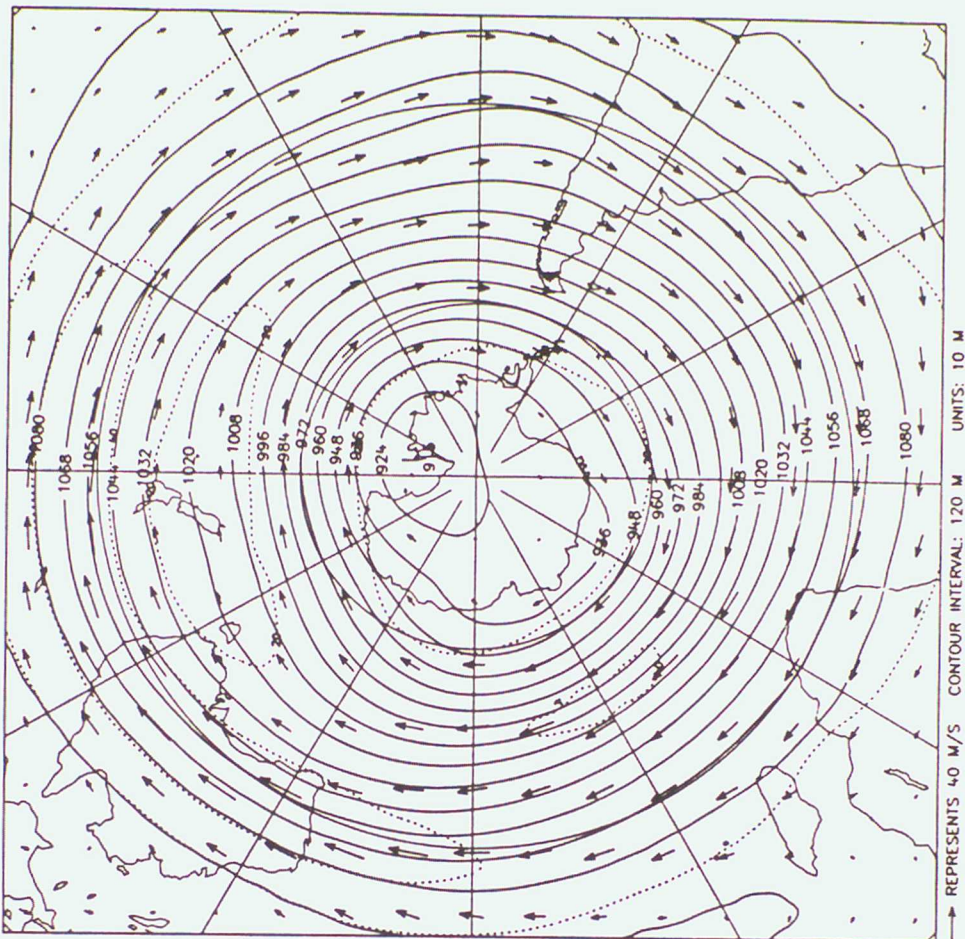
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 500 MB



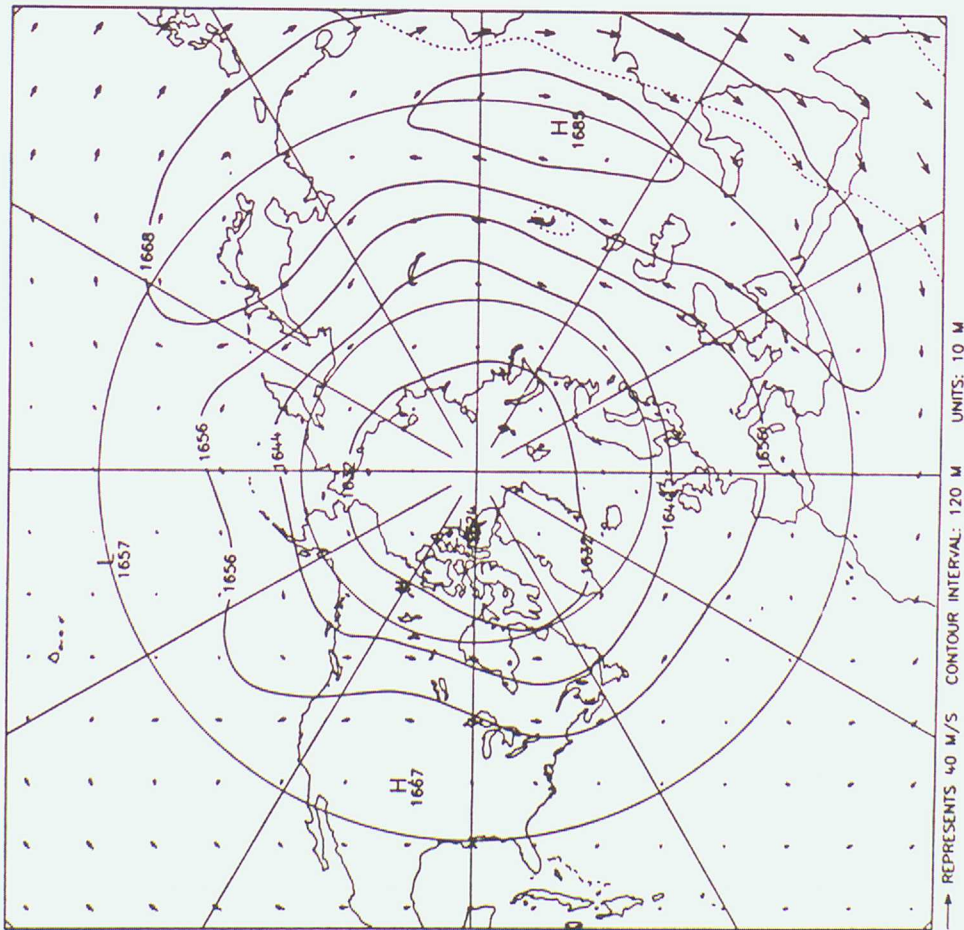
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 250 MB



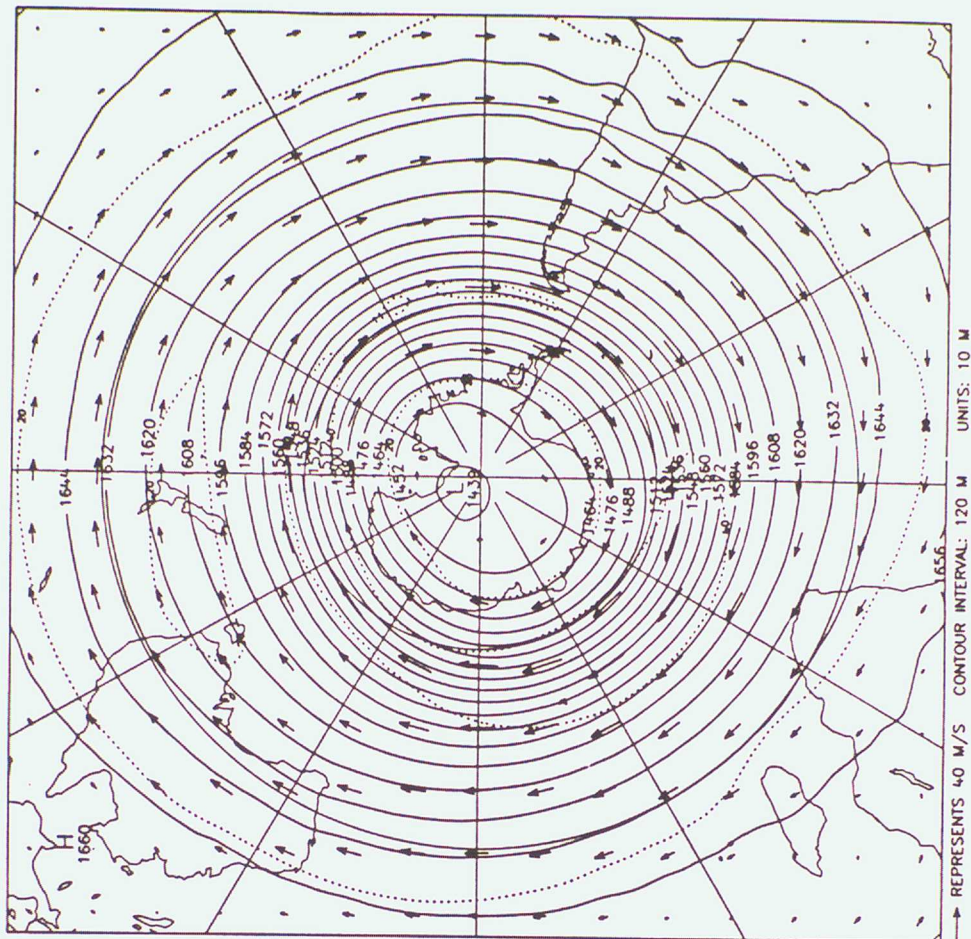
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 250 MB



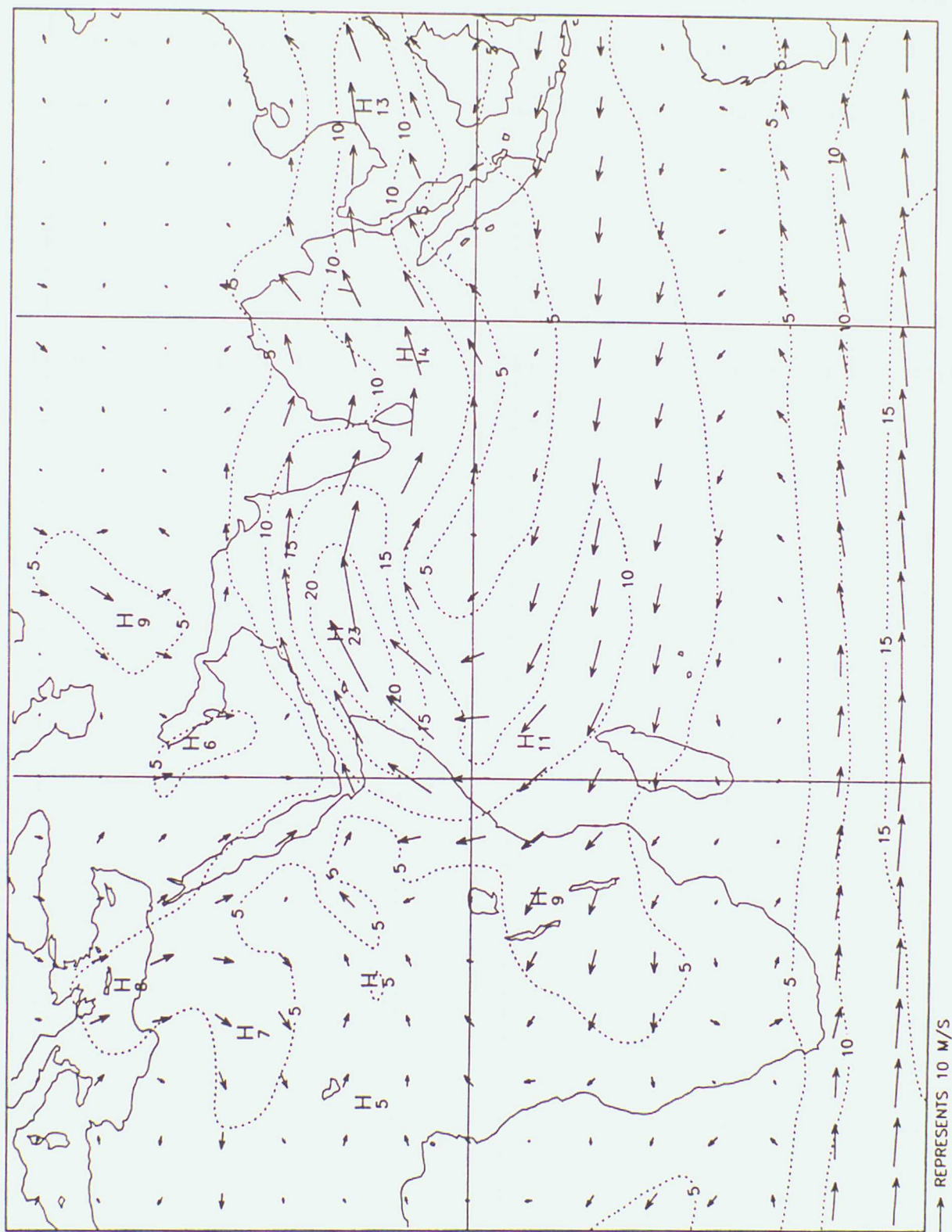
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 100 MB



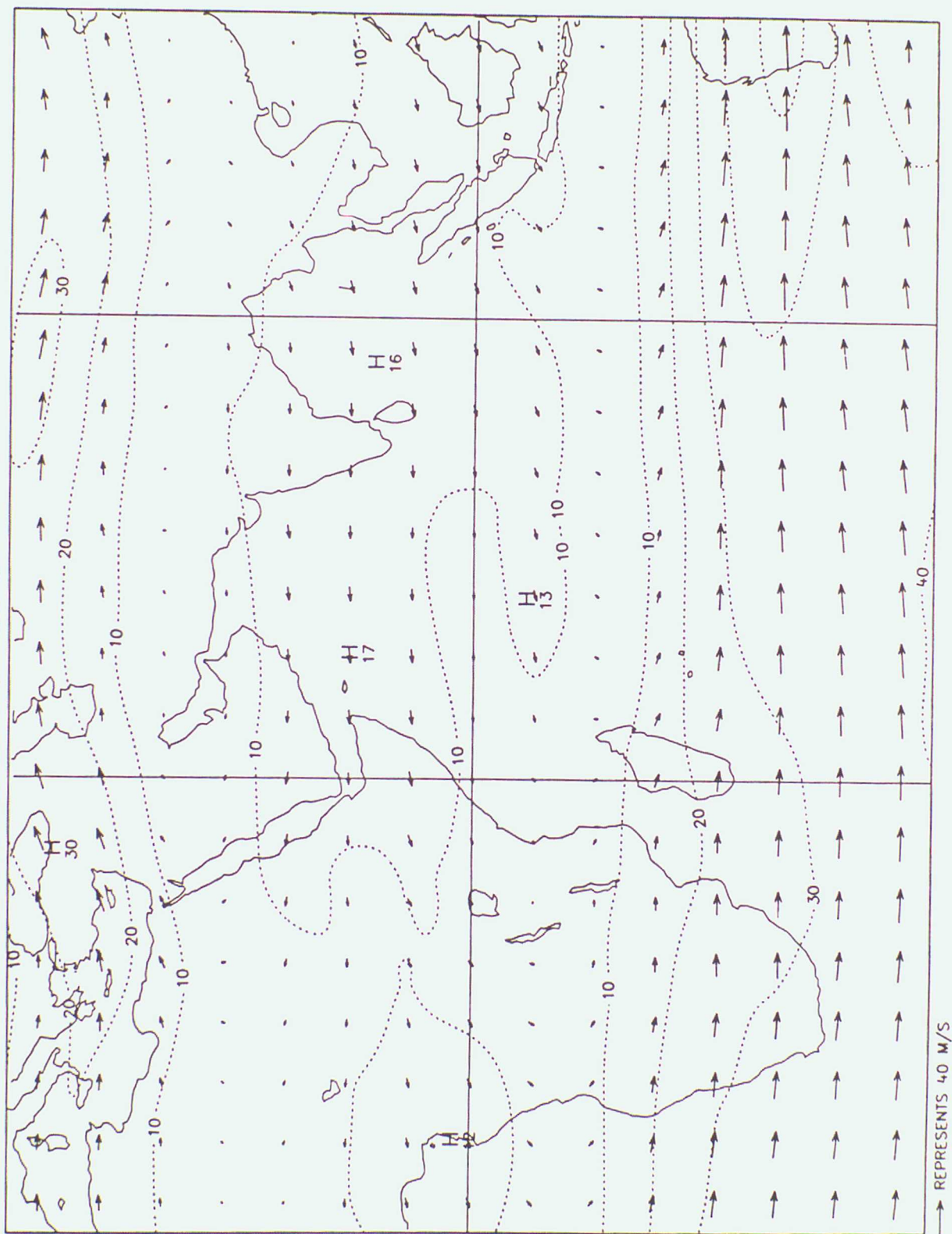
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 100 MB



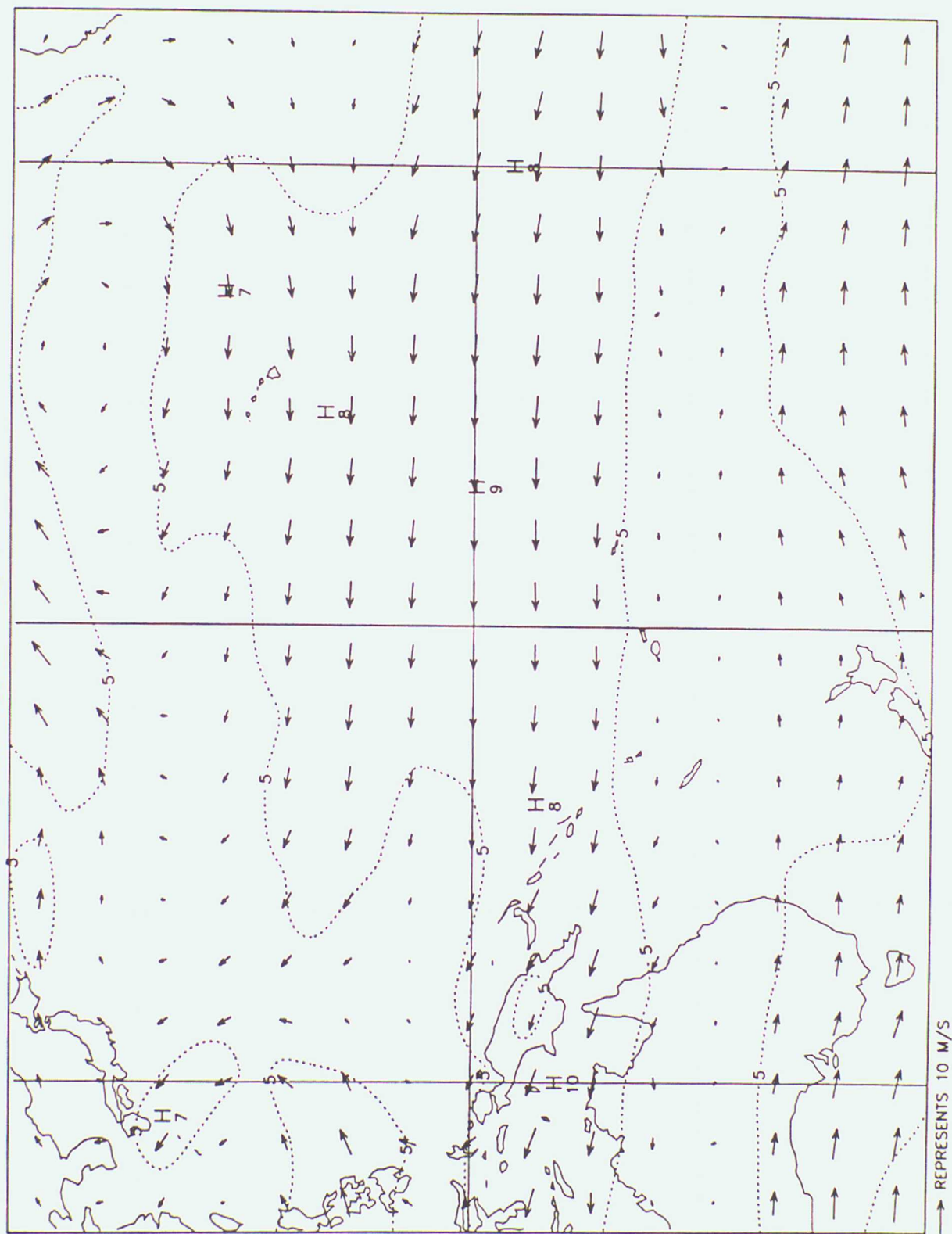
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 850 MBS.
 BETWEEN LONGS. 0 E - 120 E



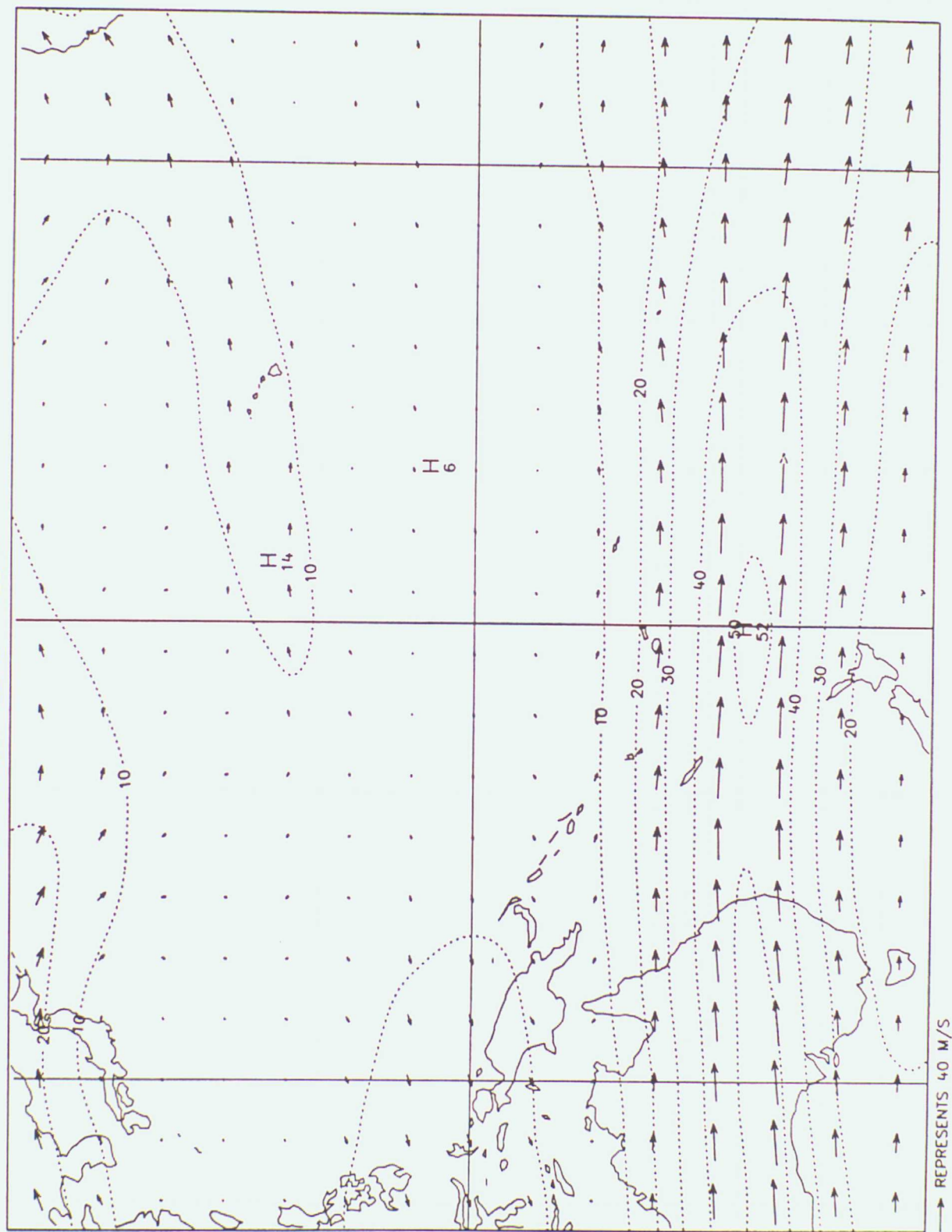
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 250 MBS. BETWEEN LONGS. 0 E - 120 E



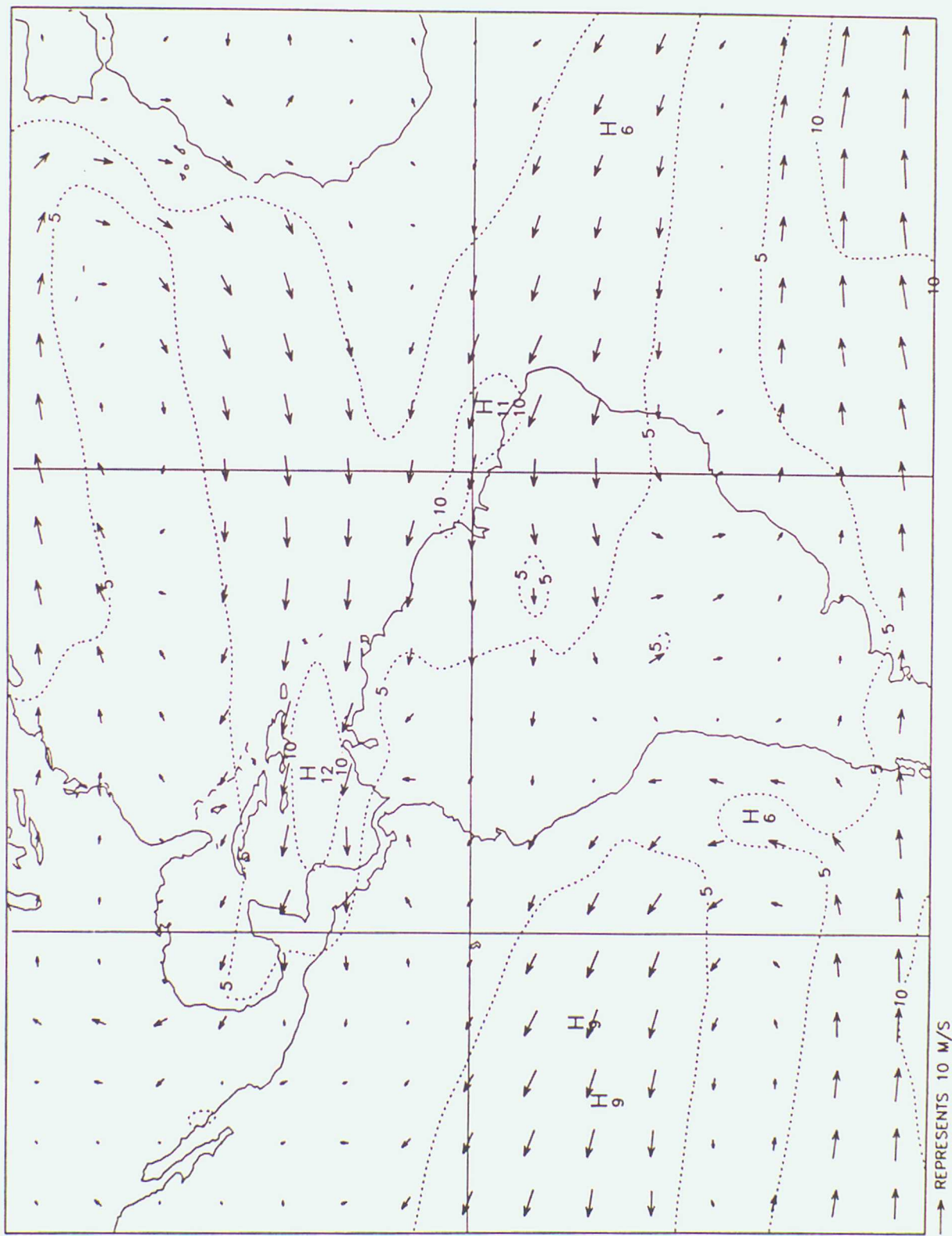
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



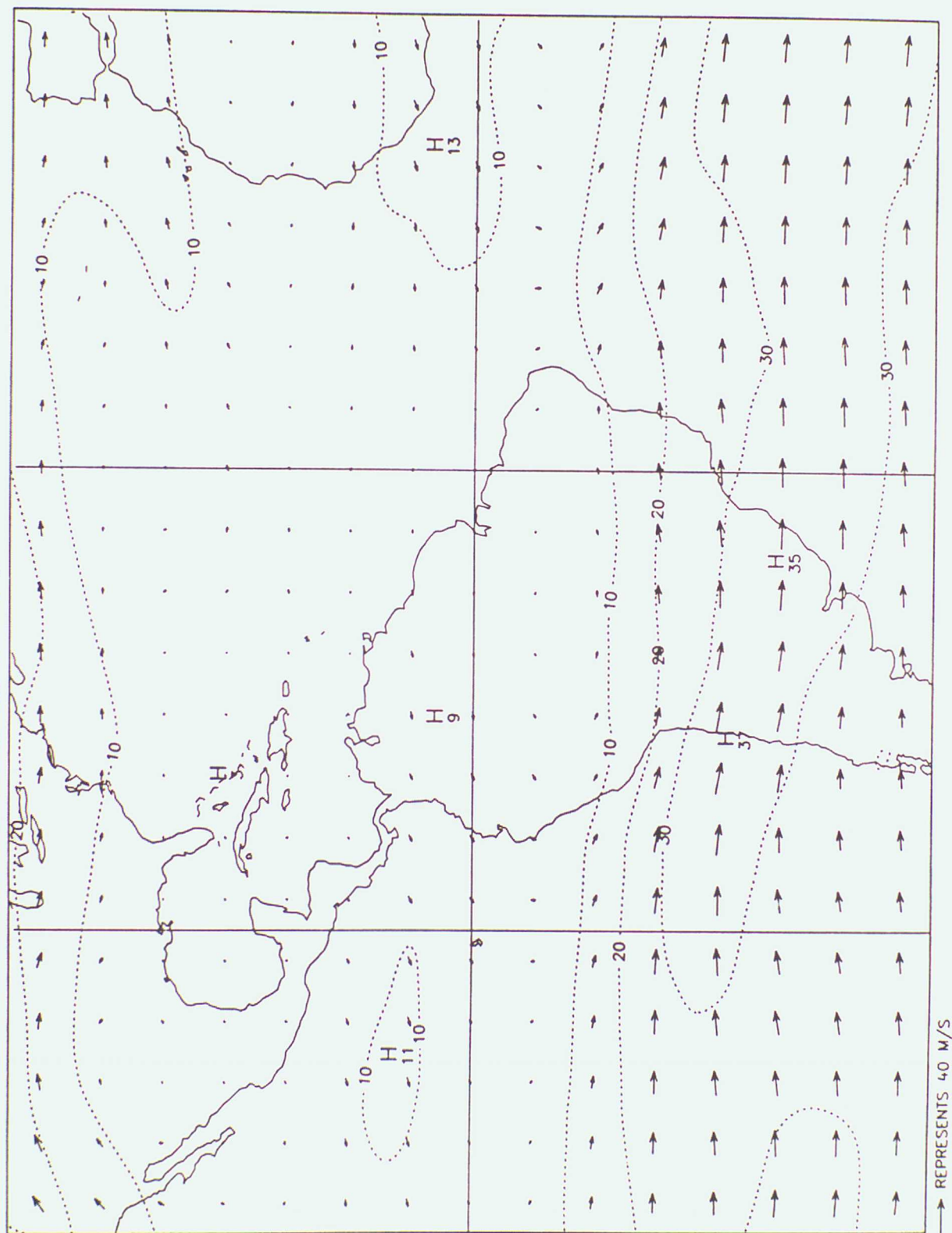
OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
250 MBS.
BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W

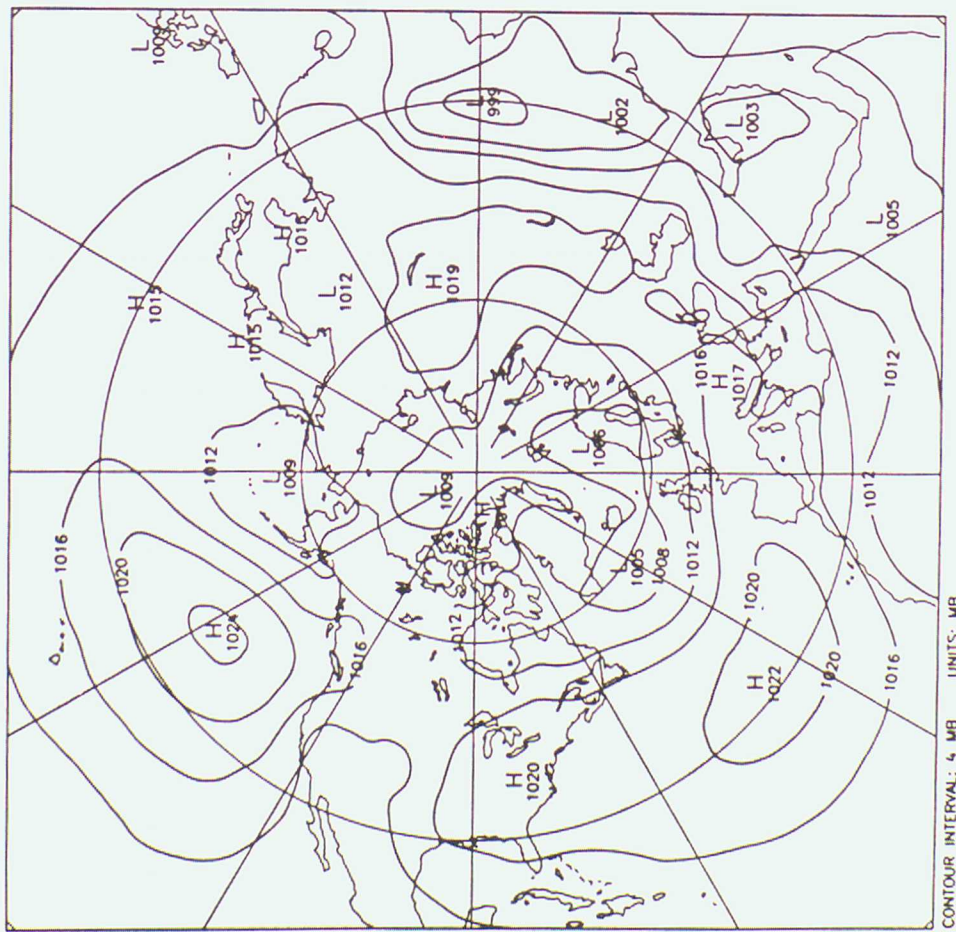


OPERATIONAL ARCHIVE MEANS. AUGUST CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATs. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/8/1983 DAY 213 TO 12Z ON 31/8/1985 DAY 243
250 MBS. BETWEEN LONGS. 120 W - 0 W

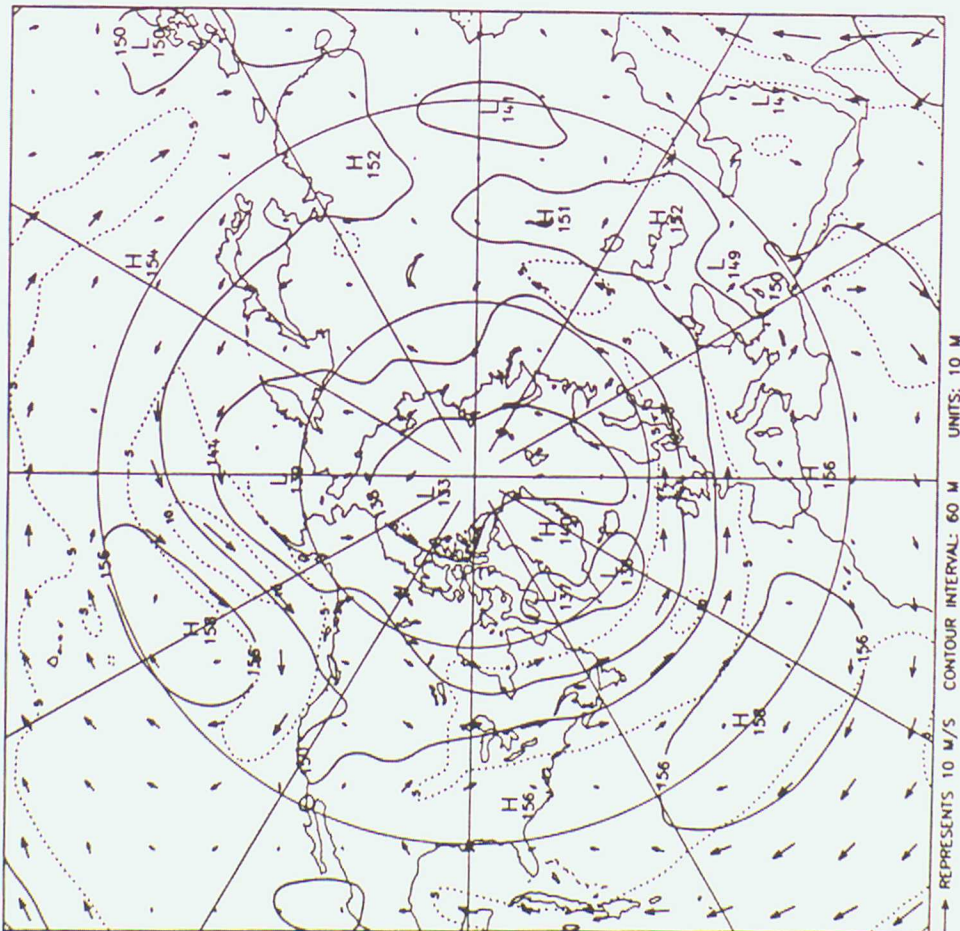


SEPTEMBER

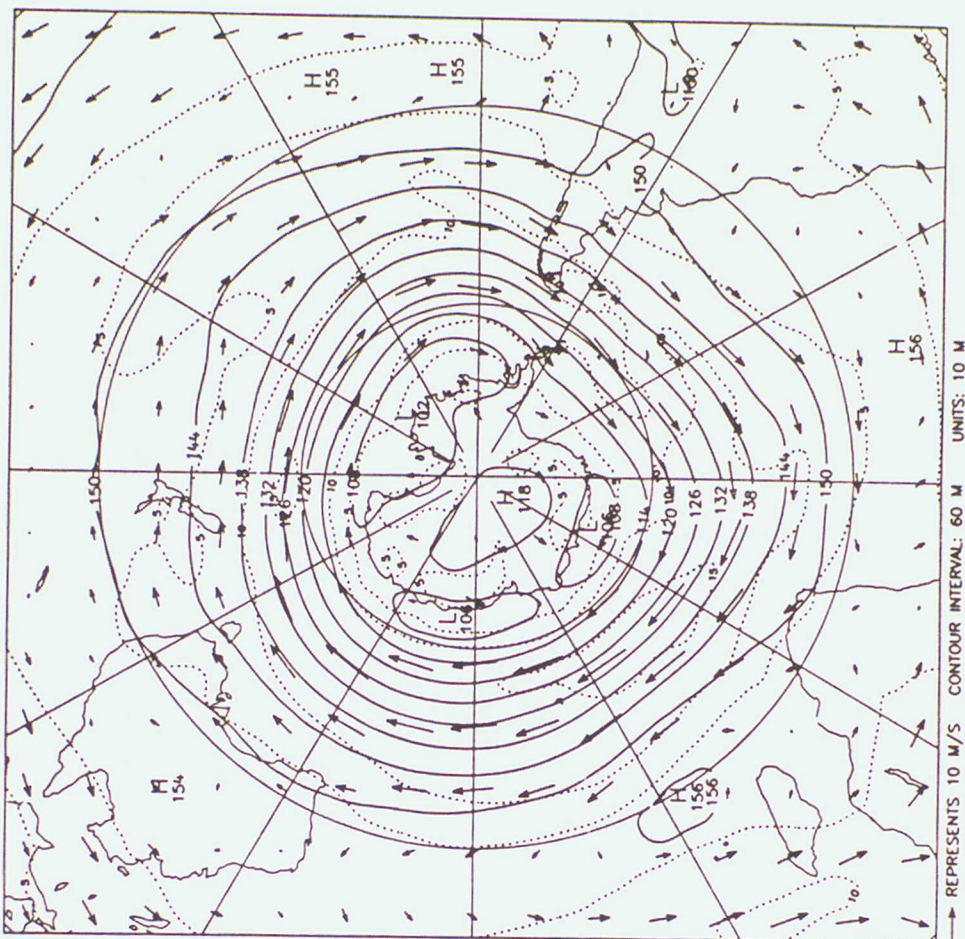
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
SEA LEVEL



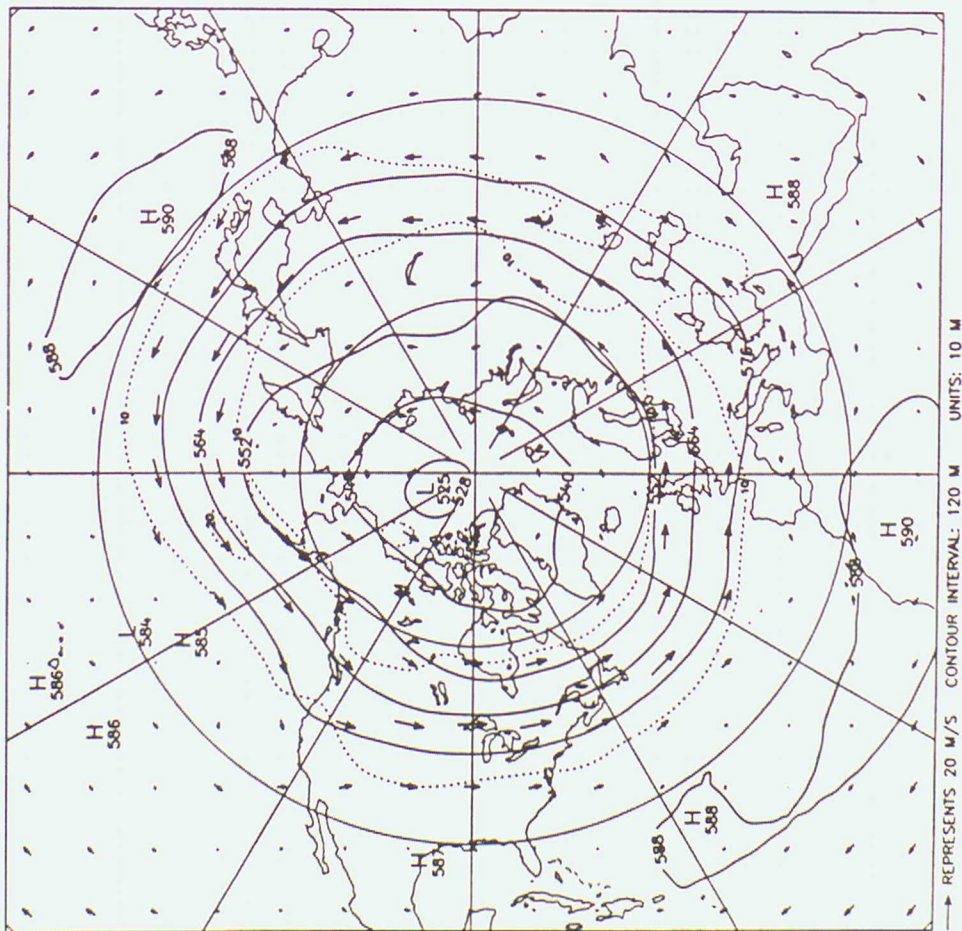
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 LEVEL: 850 MB



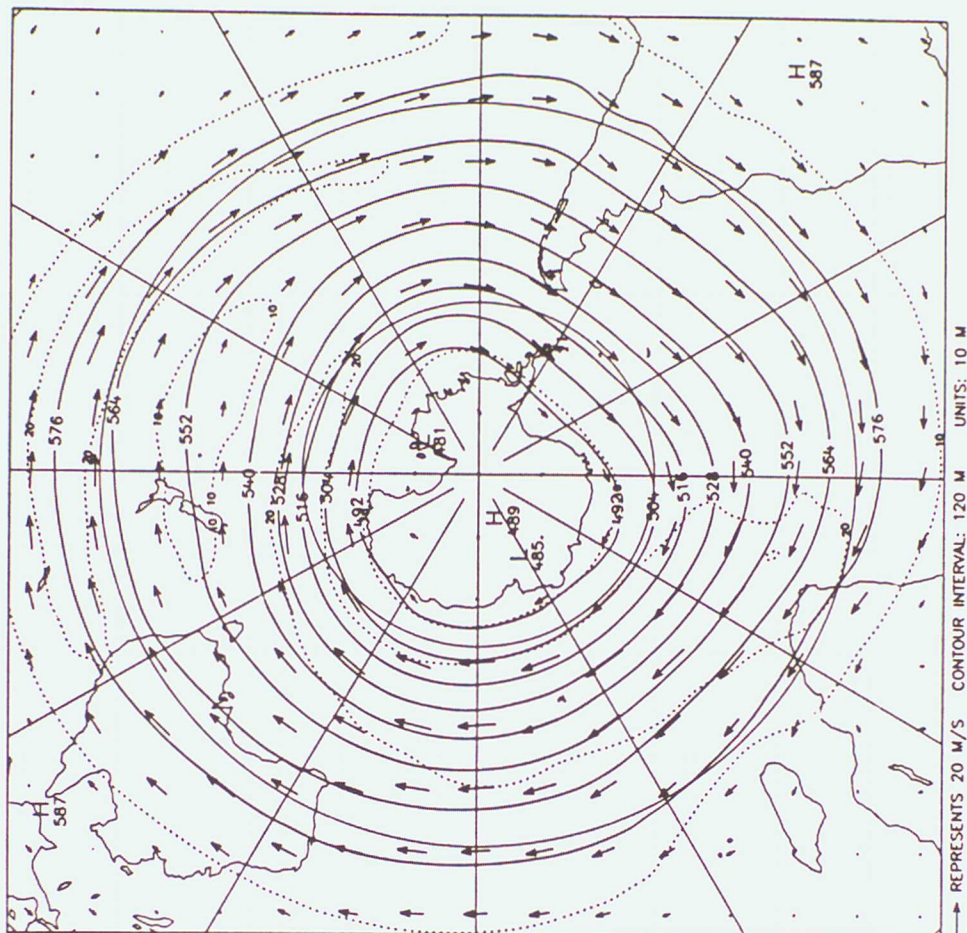
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 LEVEL: 850 MB



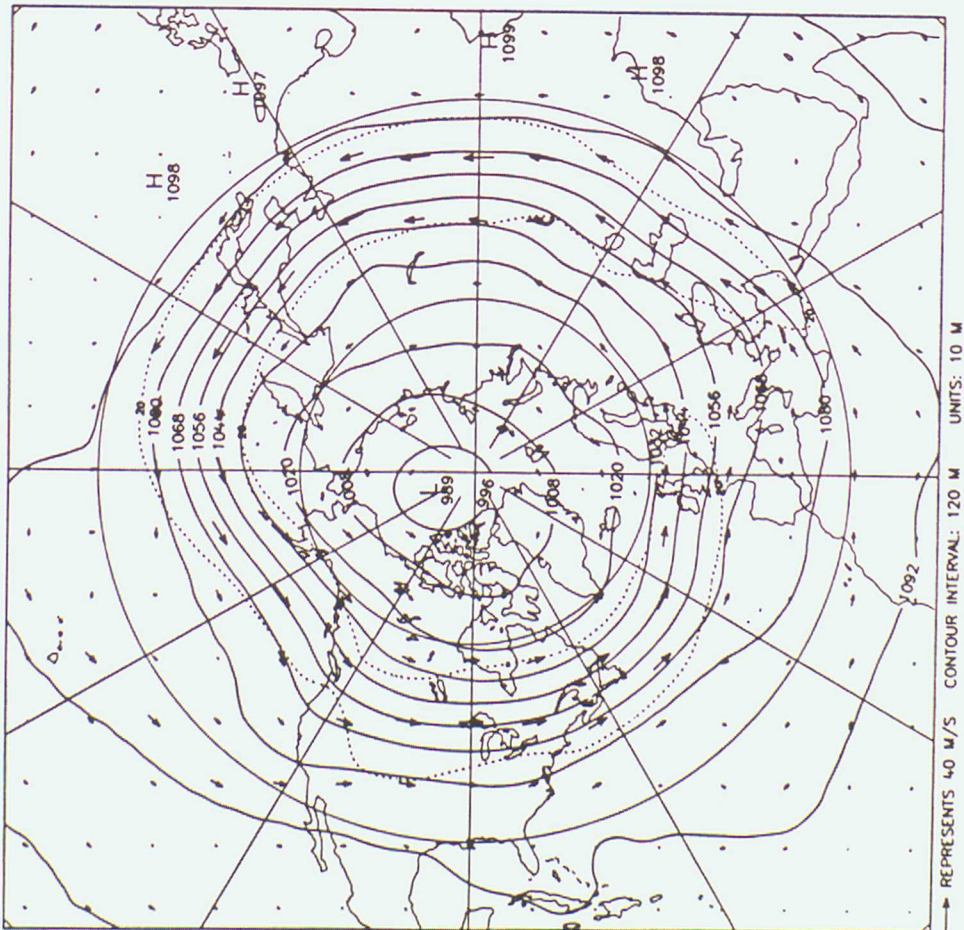
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 LEVEL: 500 MB



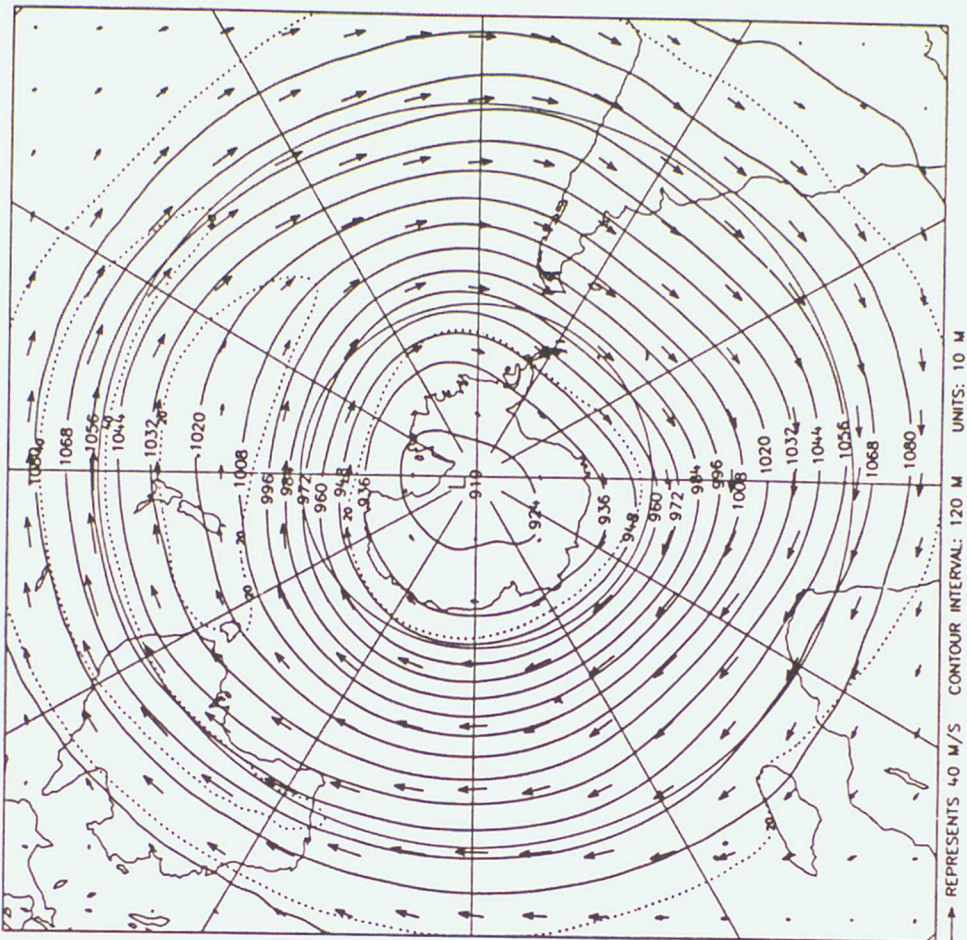
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 LEVEL: 500 MB



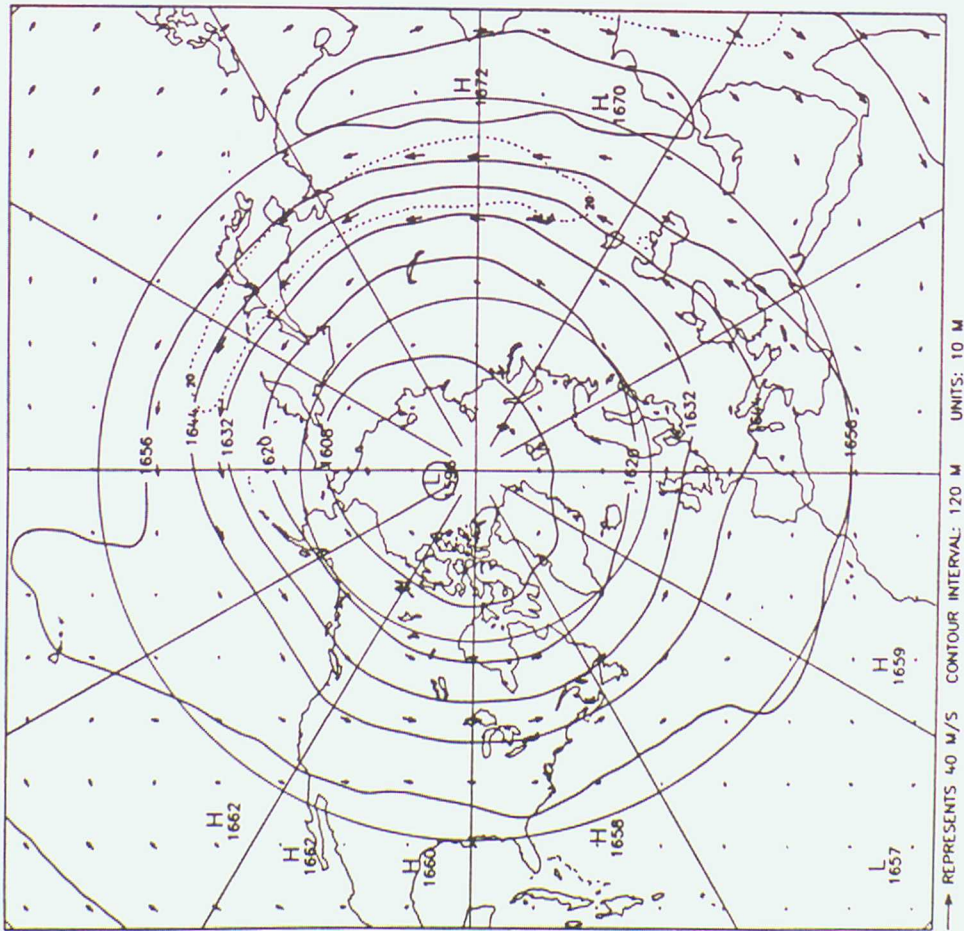
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 LEVEL: 250 MB



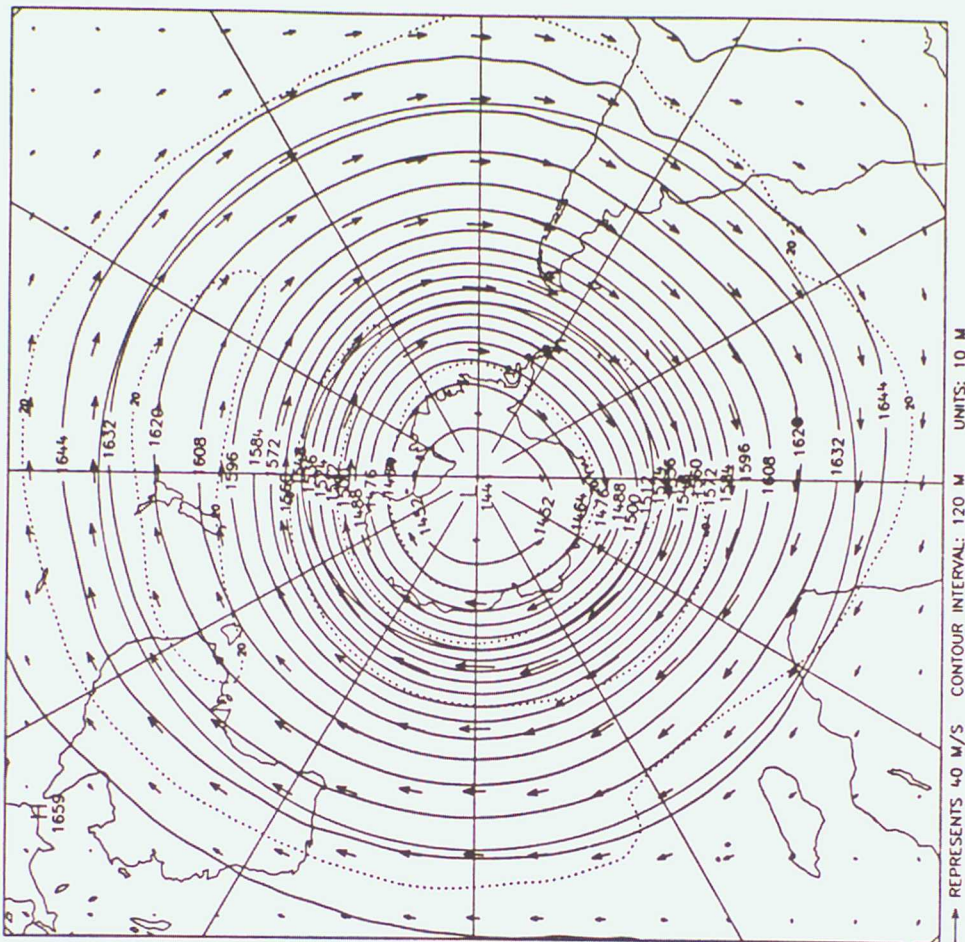
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 LEVEL: 250 MB



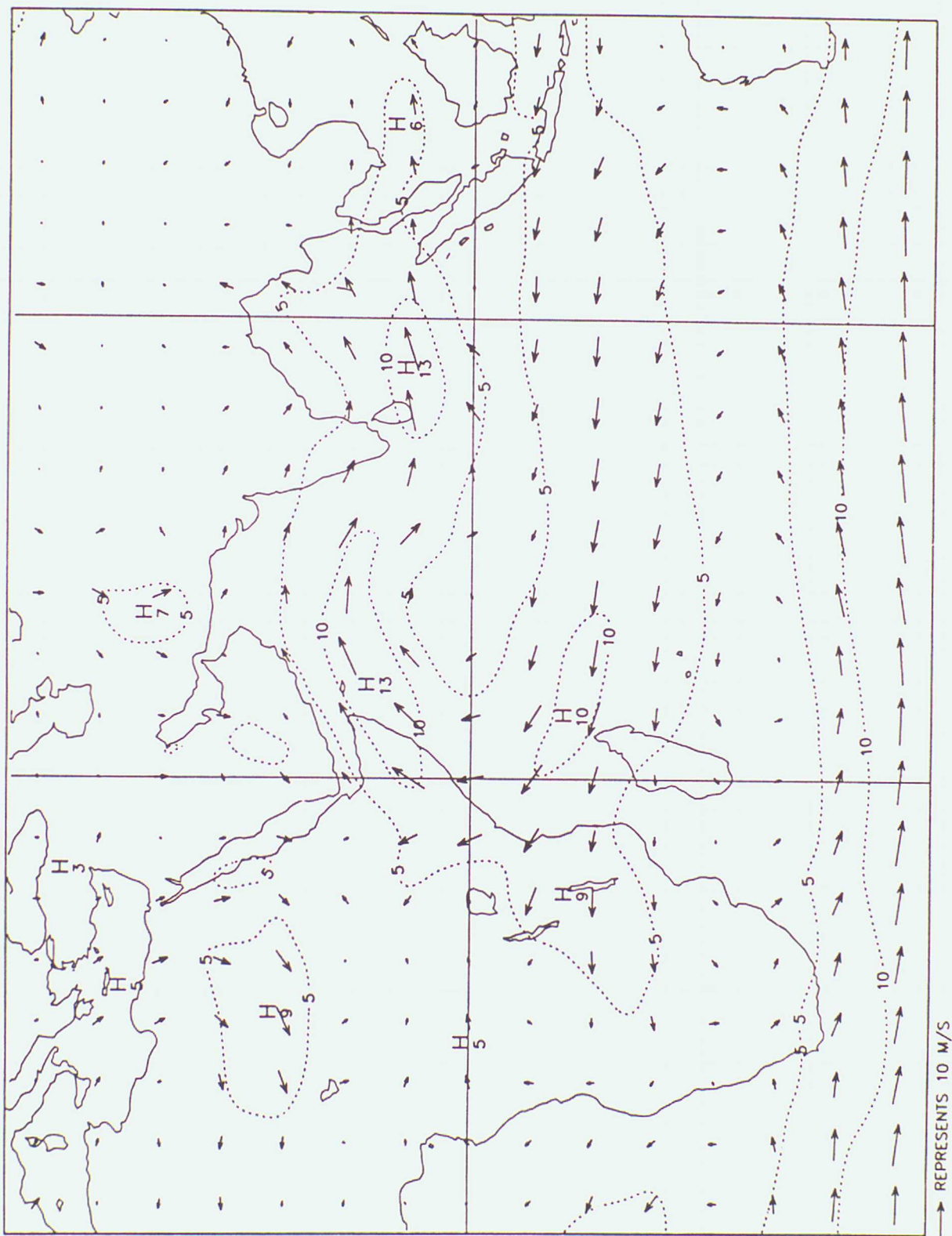
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 LEVEL: 100 MB



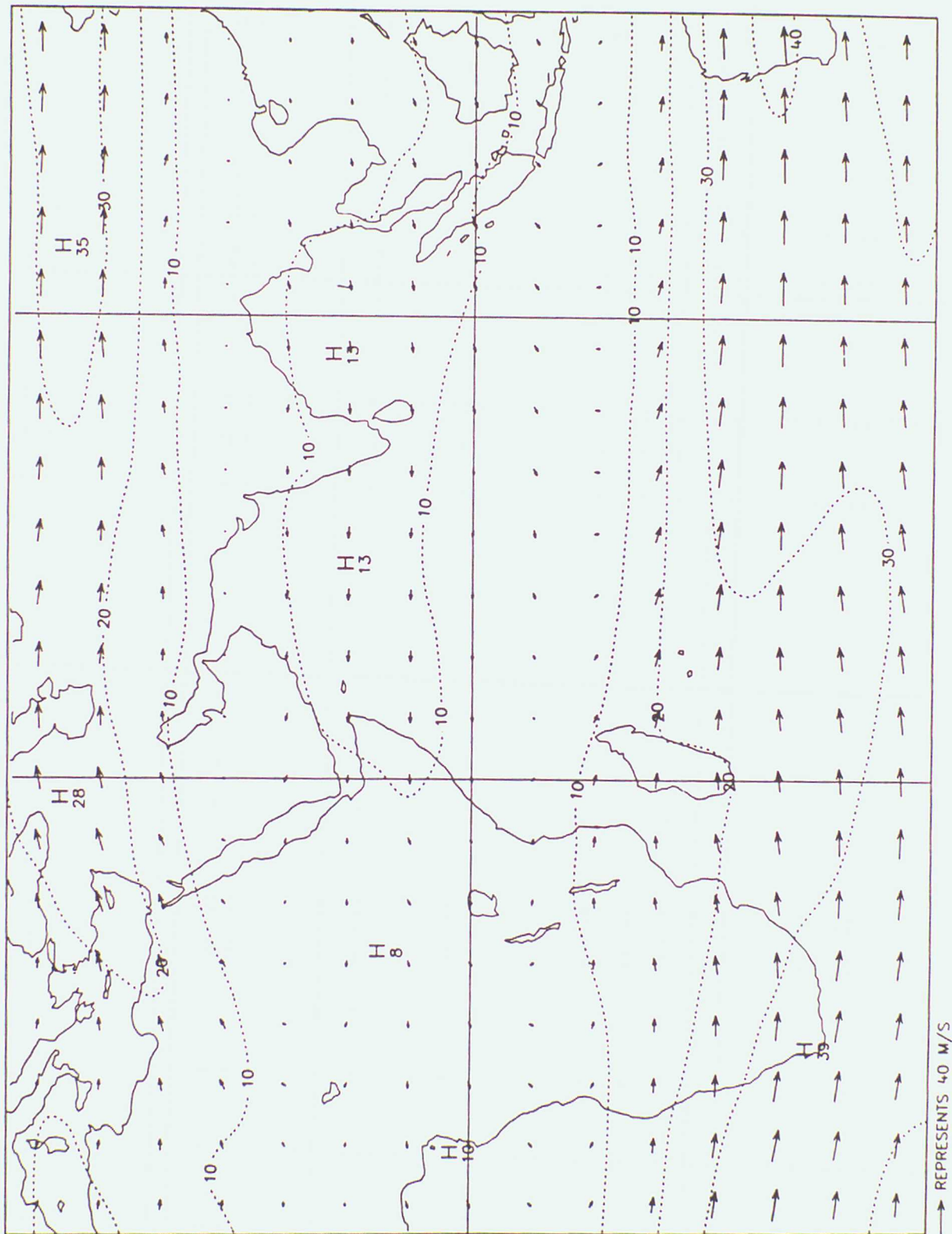
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 LEVEL: 100 MB



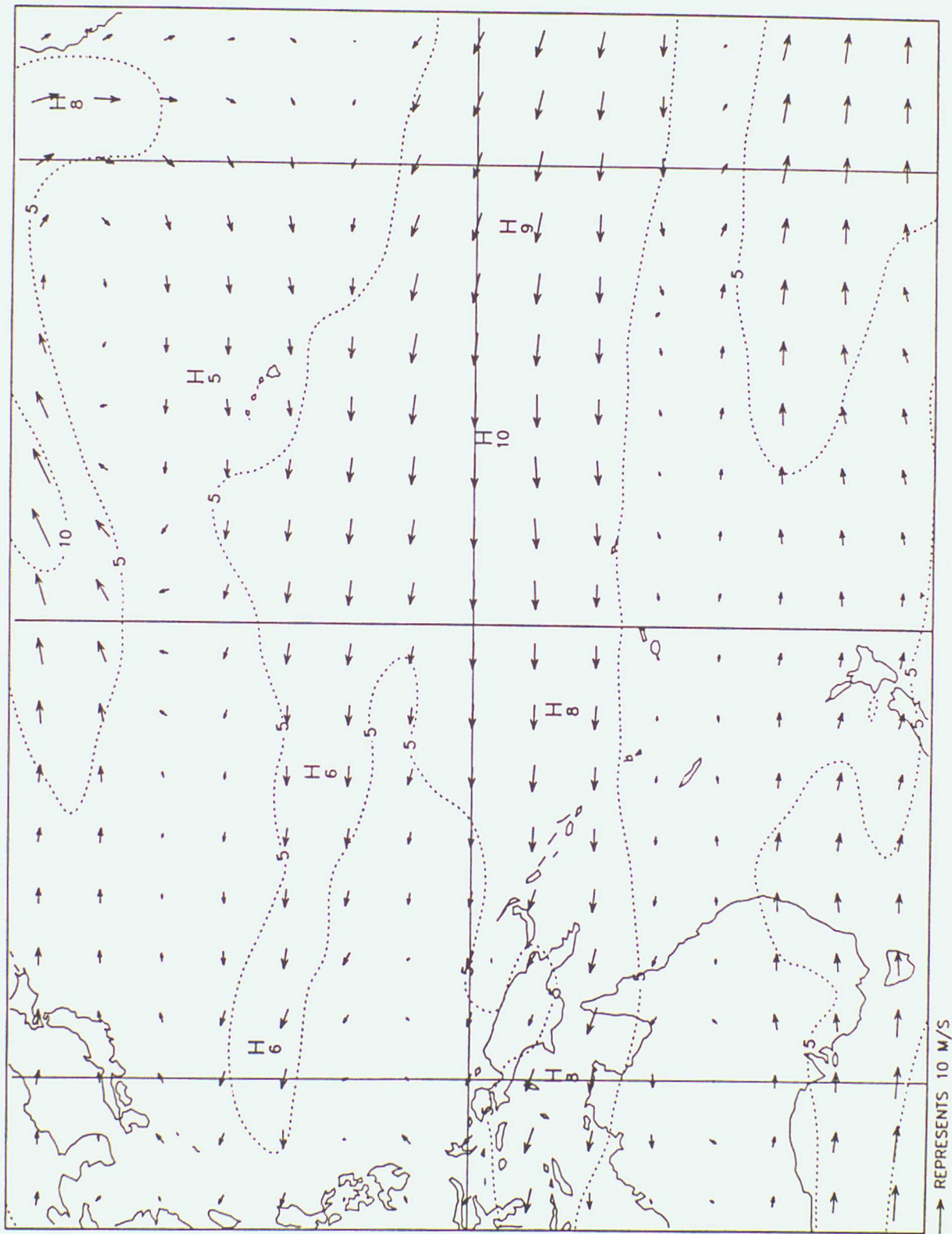
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 850 MBS. BETWEEN LONGS. 0 E - 120 E



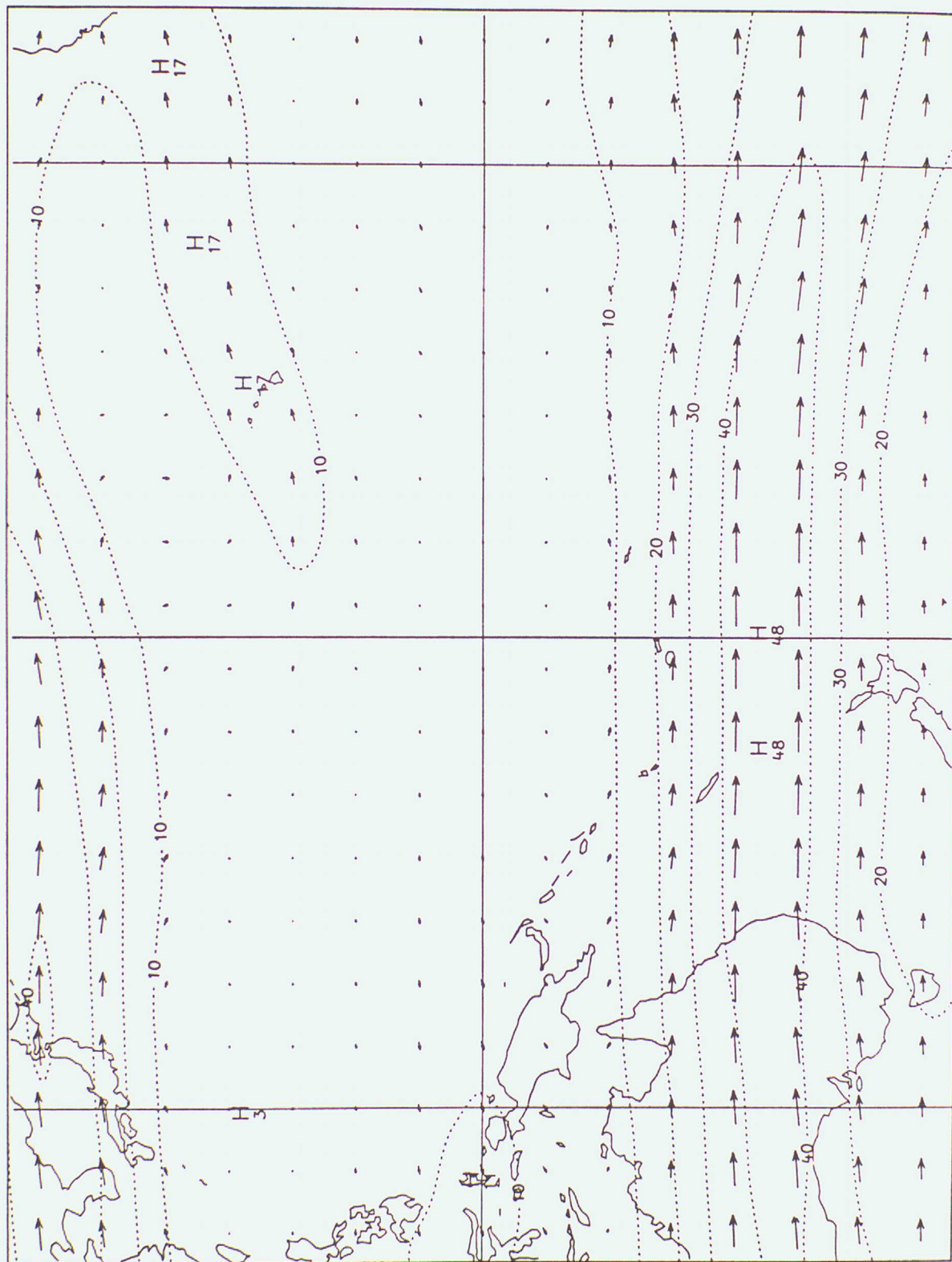
OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATs. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 250 MBS.
 BETWEEN LONGS. 0 E - 120 E



OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
850 MBS.
BETWEEN LONGS. 120 E - 120 W

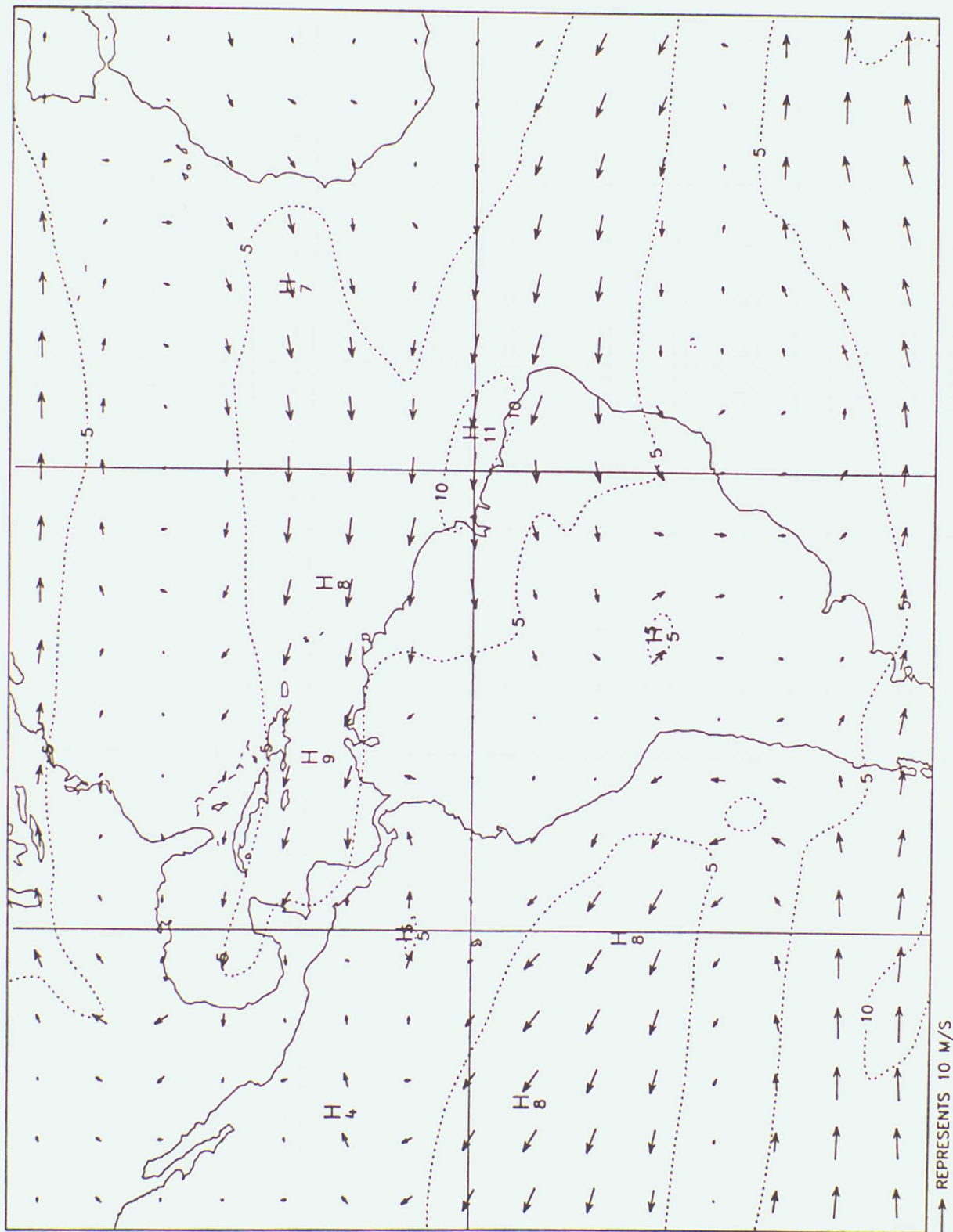


OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 250 MBS. BETWEEN LONGS. 120 E - 120 W

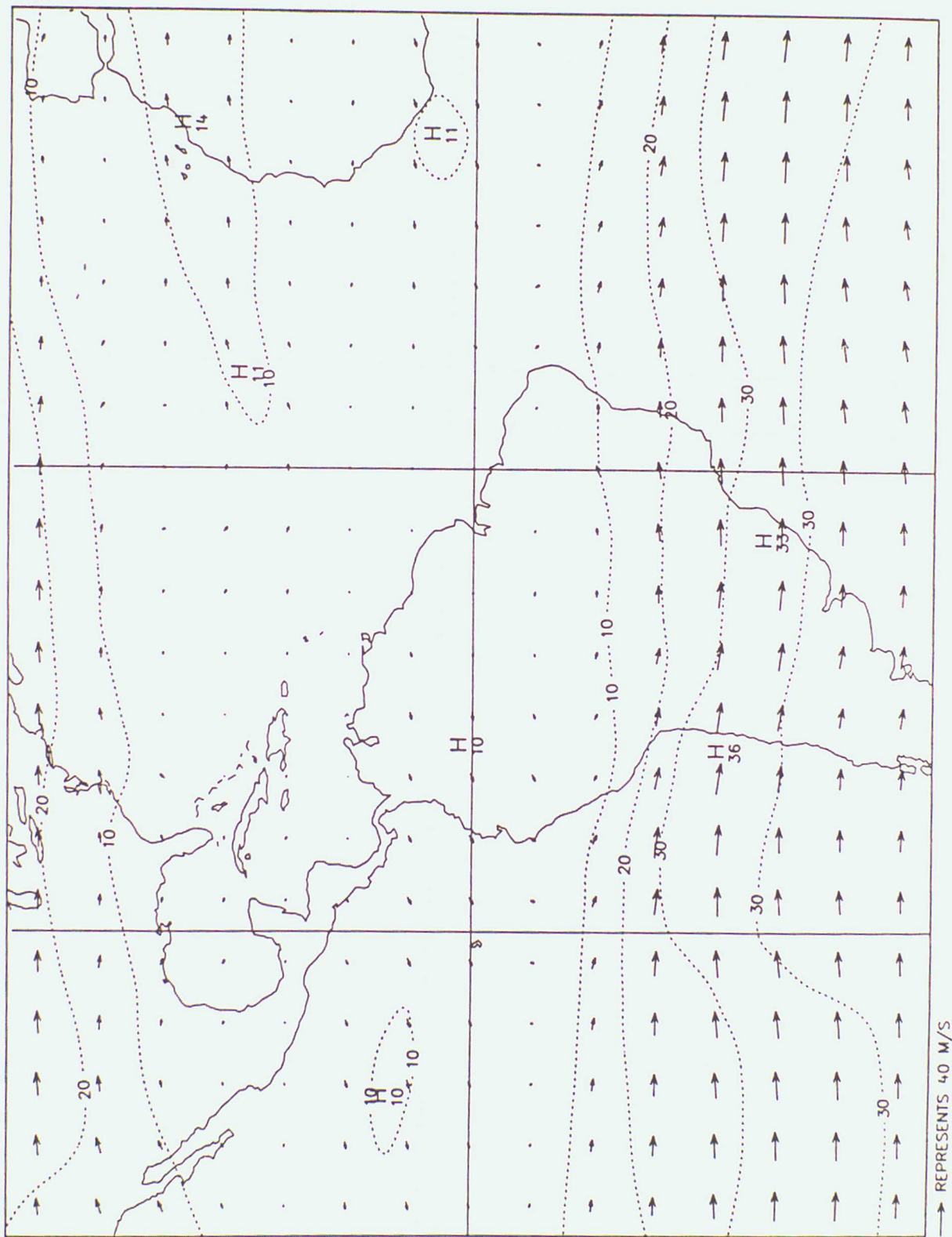


→ REPRESENTS 40 M/S

OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W



OPERATIONAL ARCHIVE MEANS. SEPTEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/9/1985 DAY 273
 250 MBS.
 BETWEEN LONGS. 120 W - 0 W

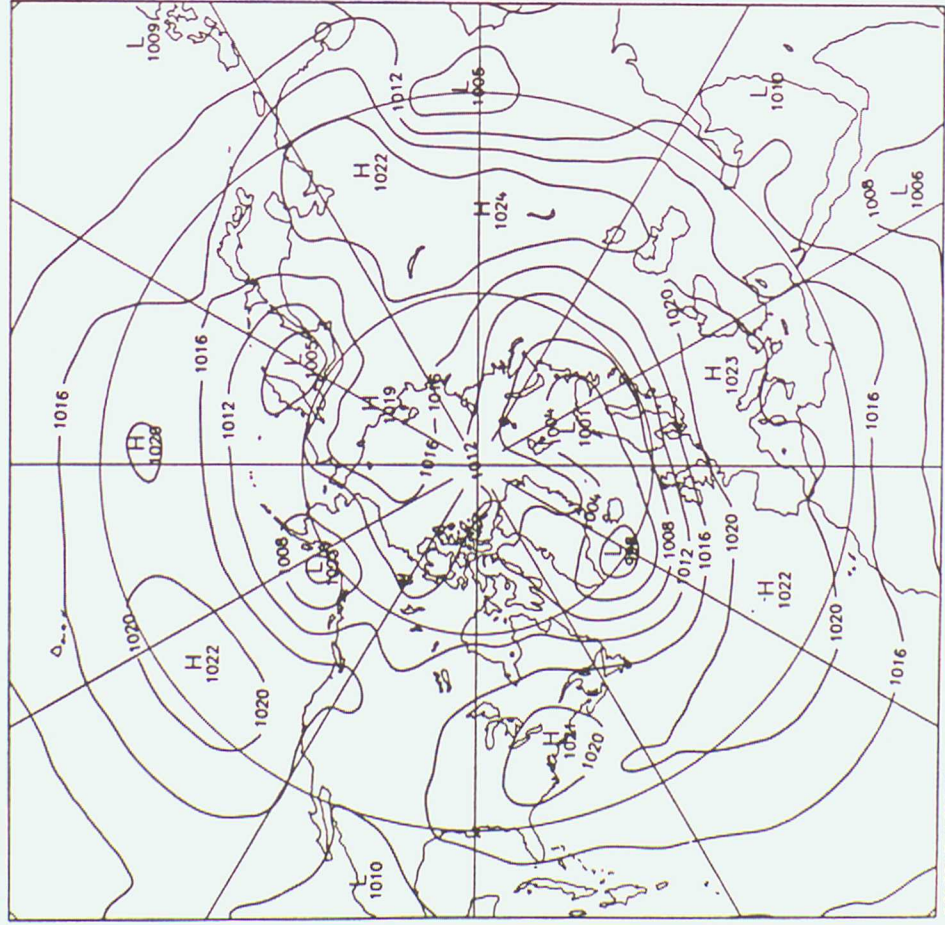


OCTOBER

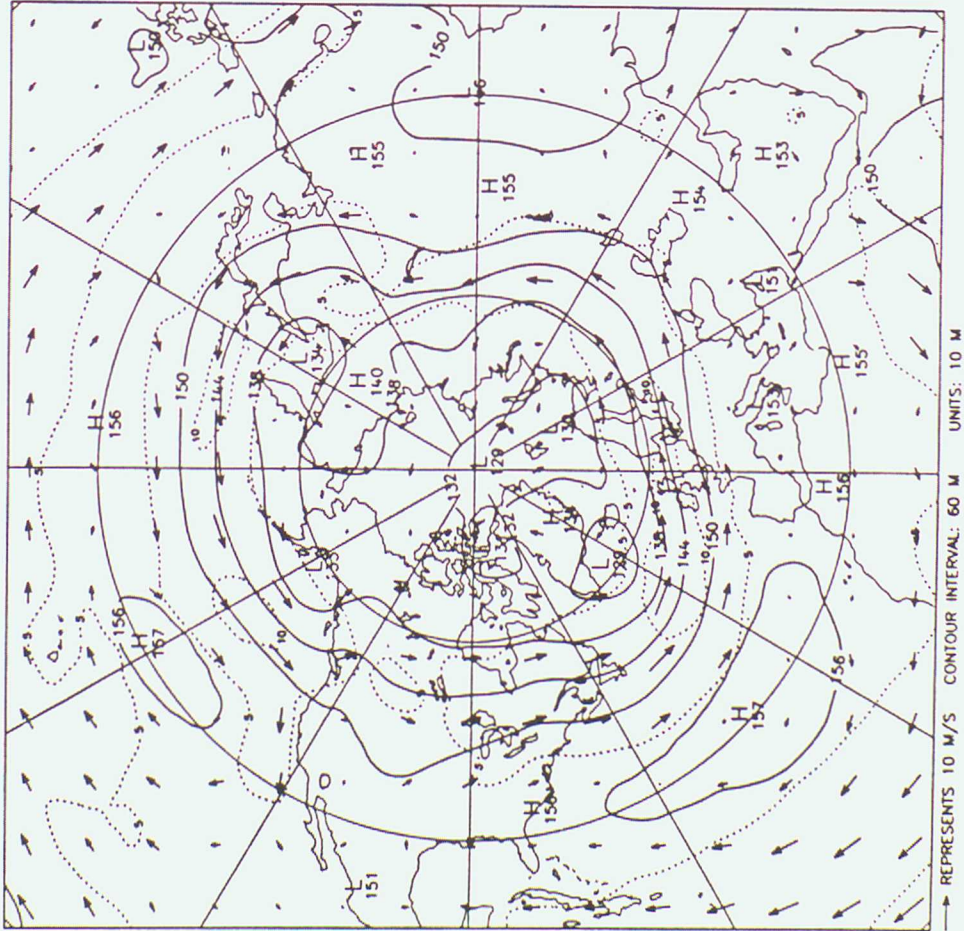
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY

PMSL

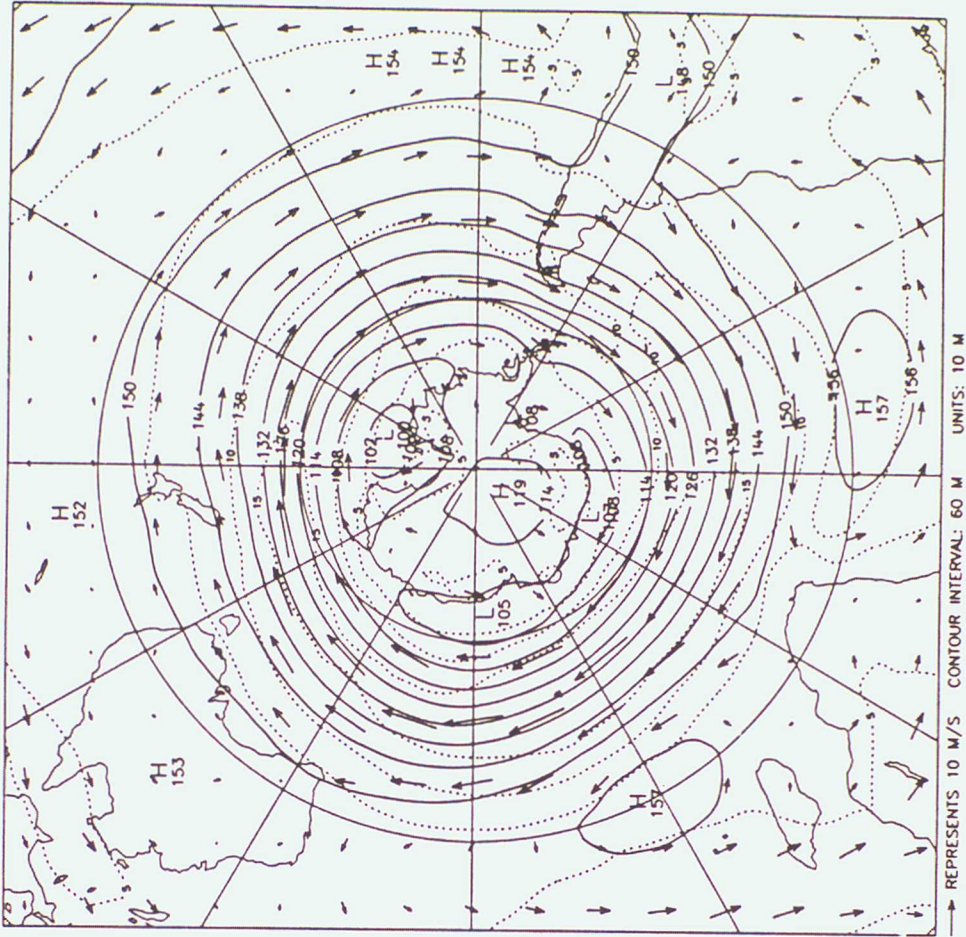
AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
SEA LEVEL



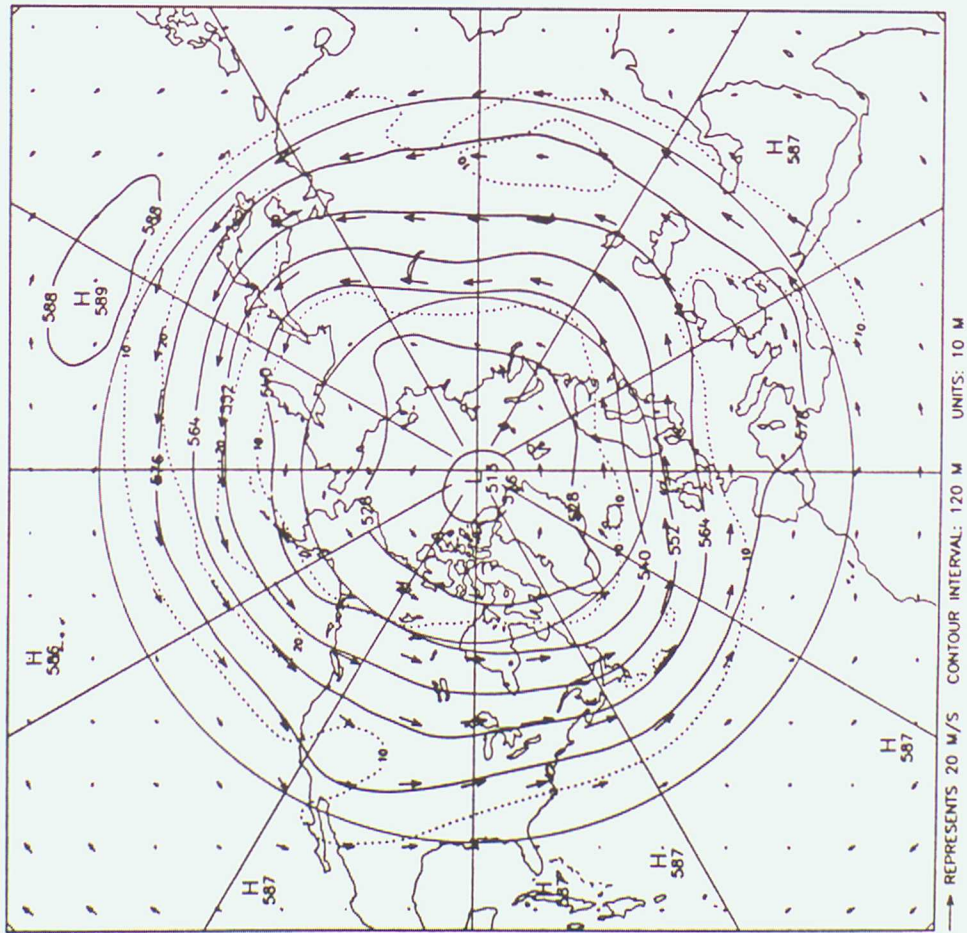
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 LEVEL: 850 MB



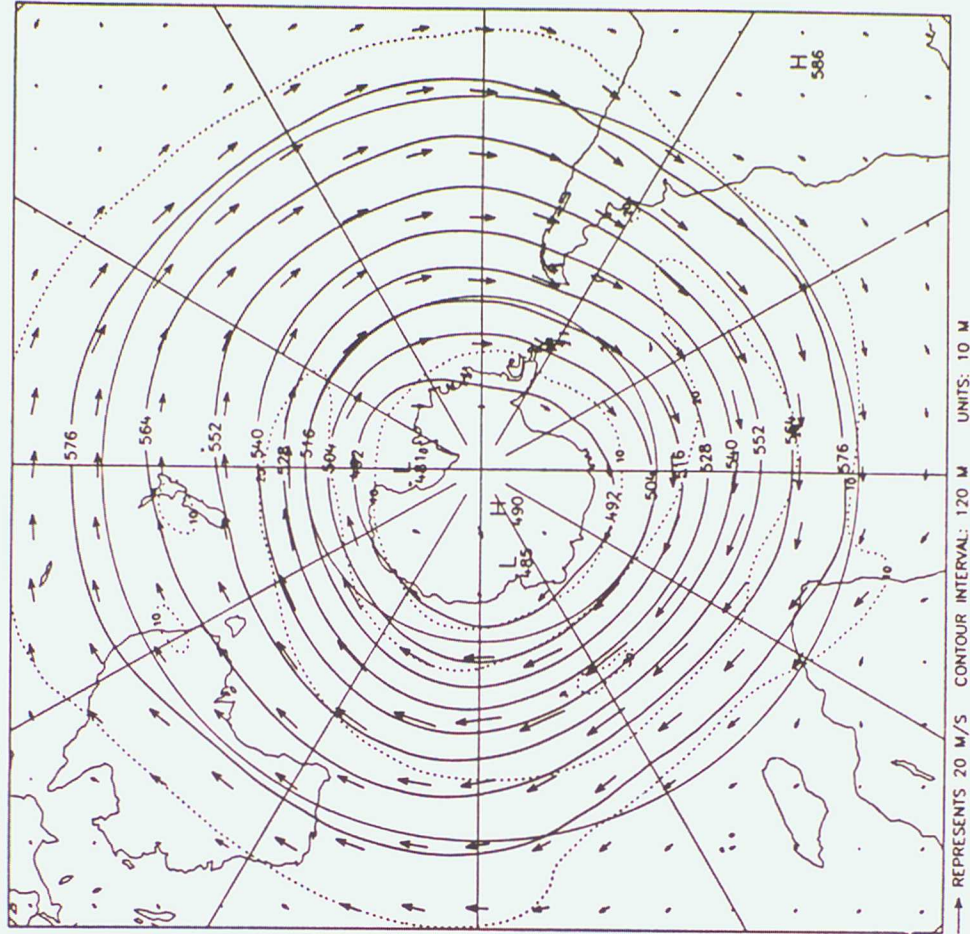
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 LEVEL: 850 MB



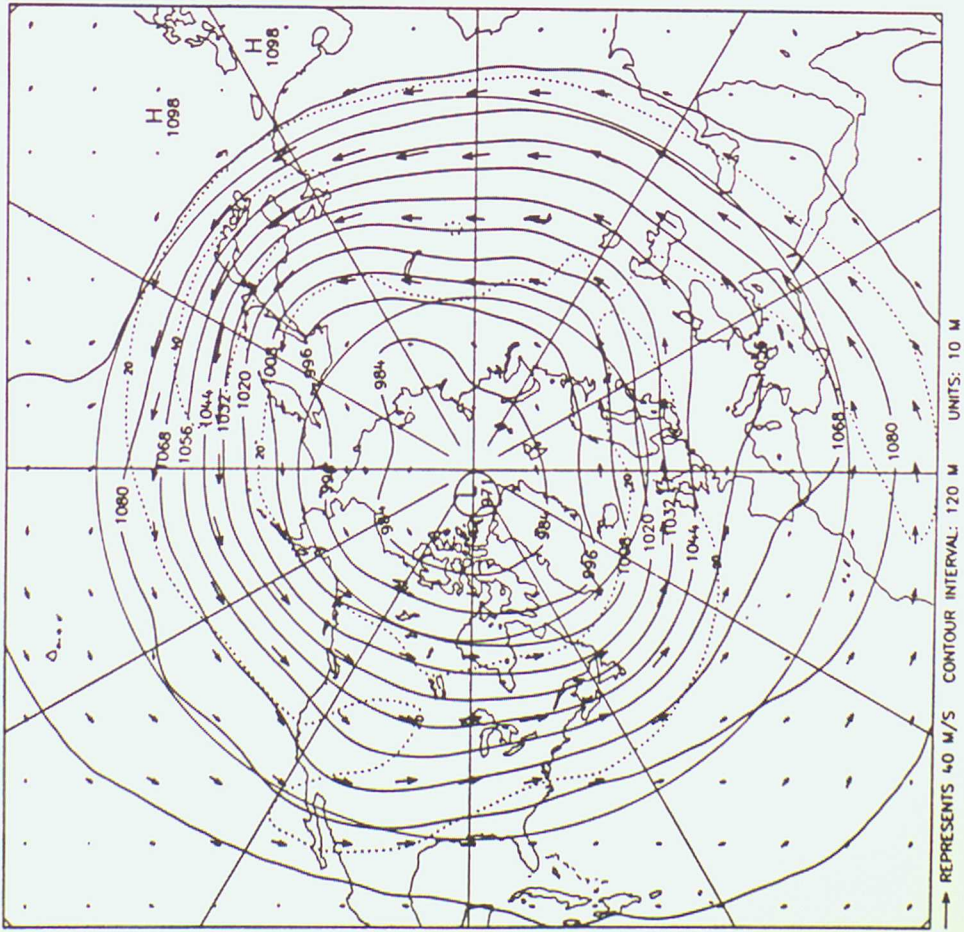
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 LEVEL: 500 MB



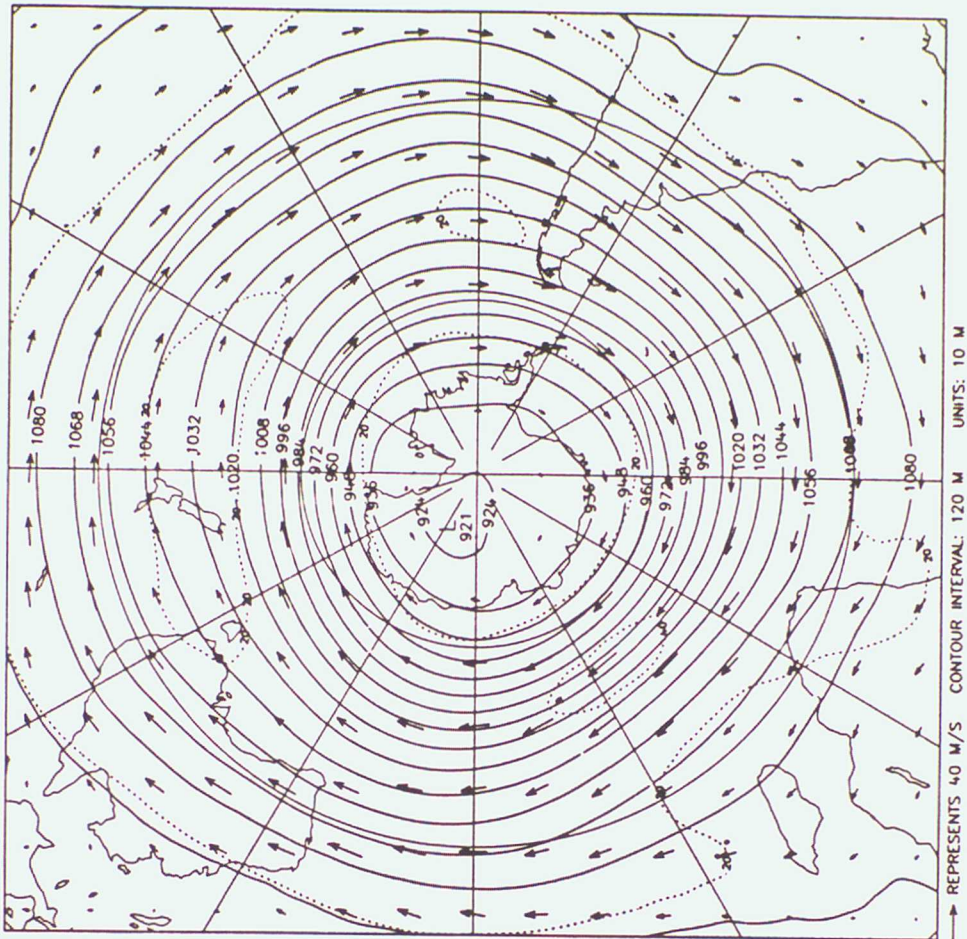
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 LEVEL: 500 MB



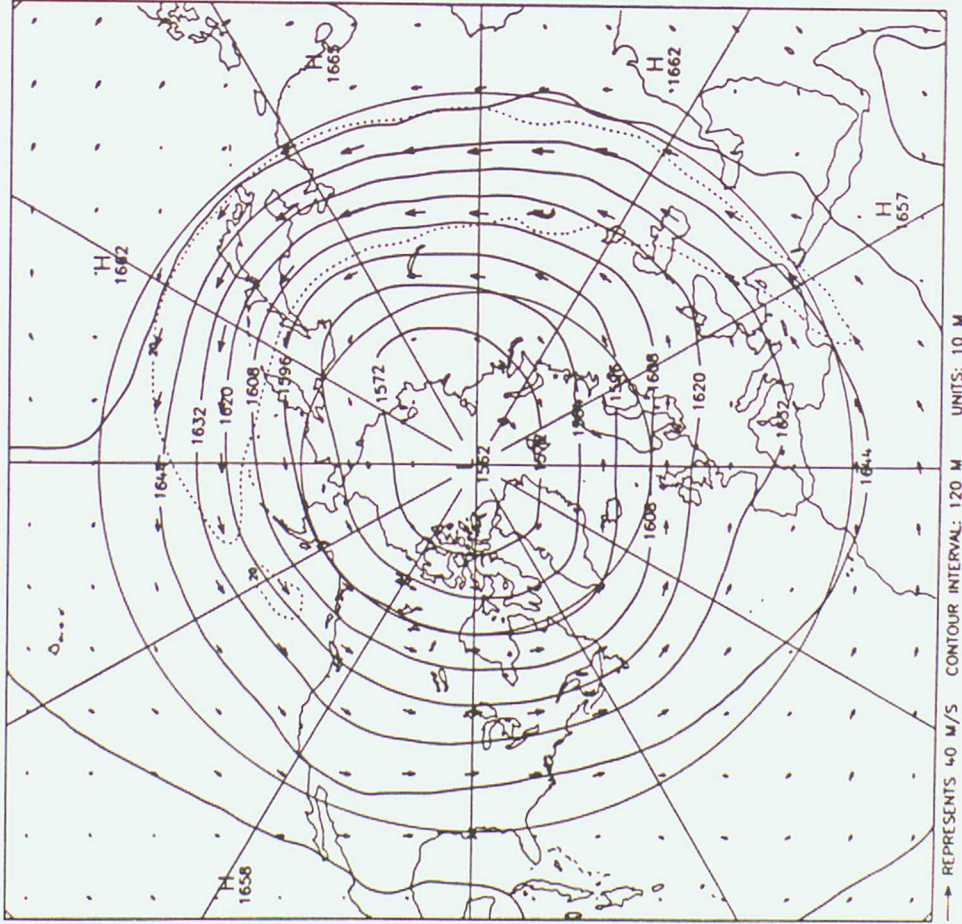
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 LEVEL: 250 MB



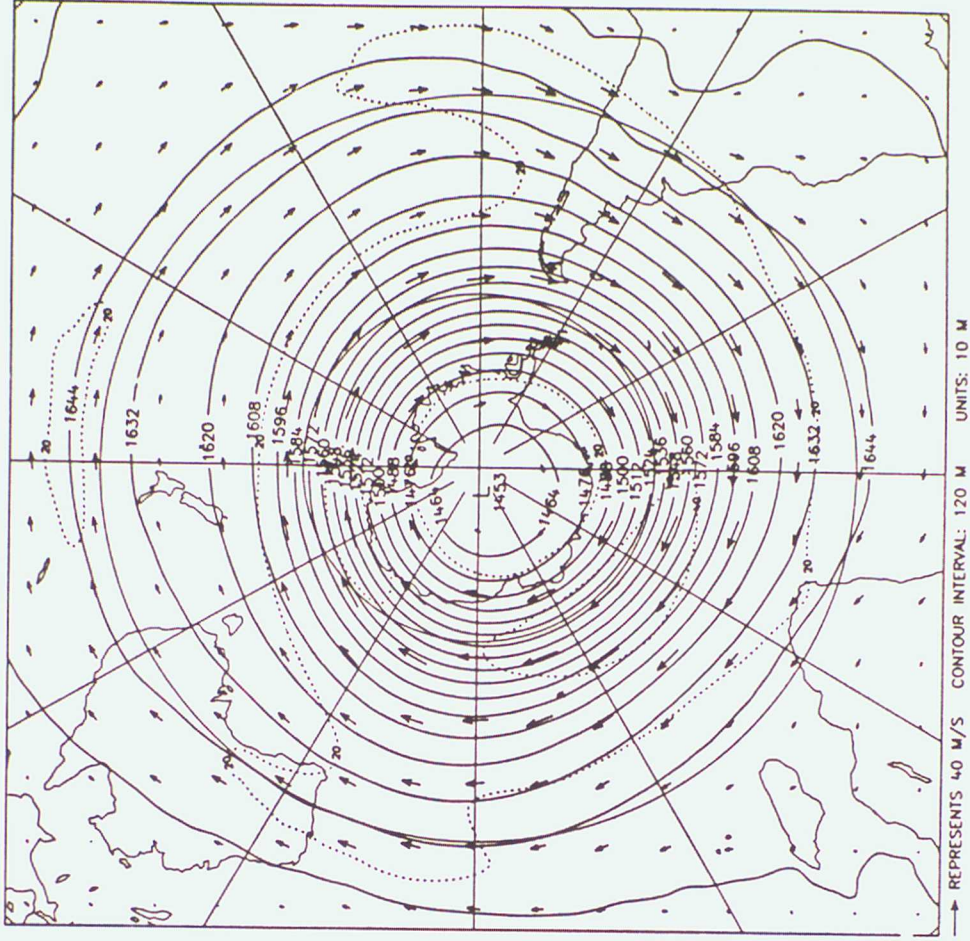
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 LEVEL: 250 MB



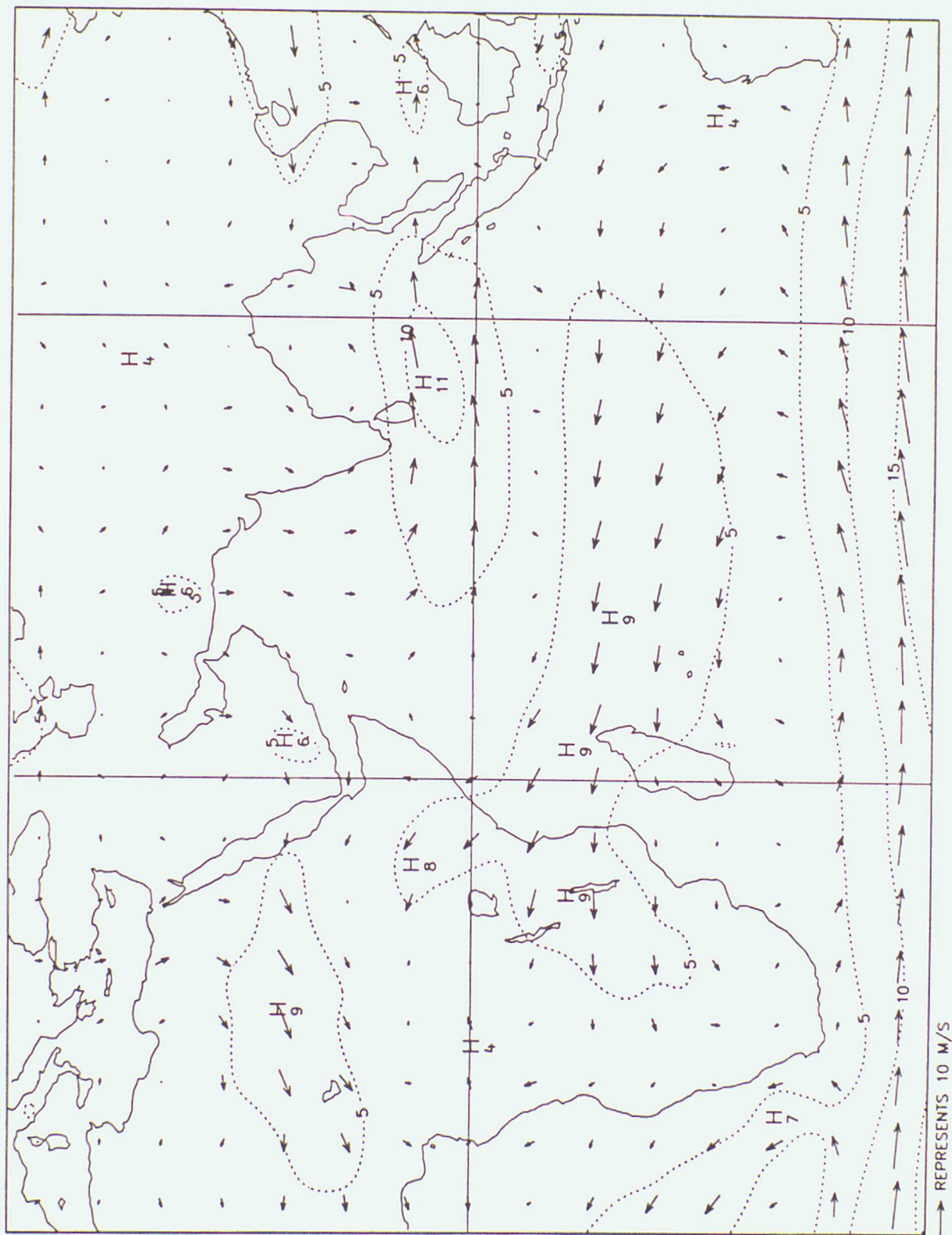
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 LEVEL: 100 MB



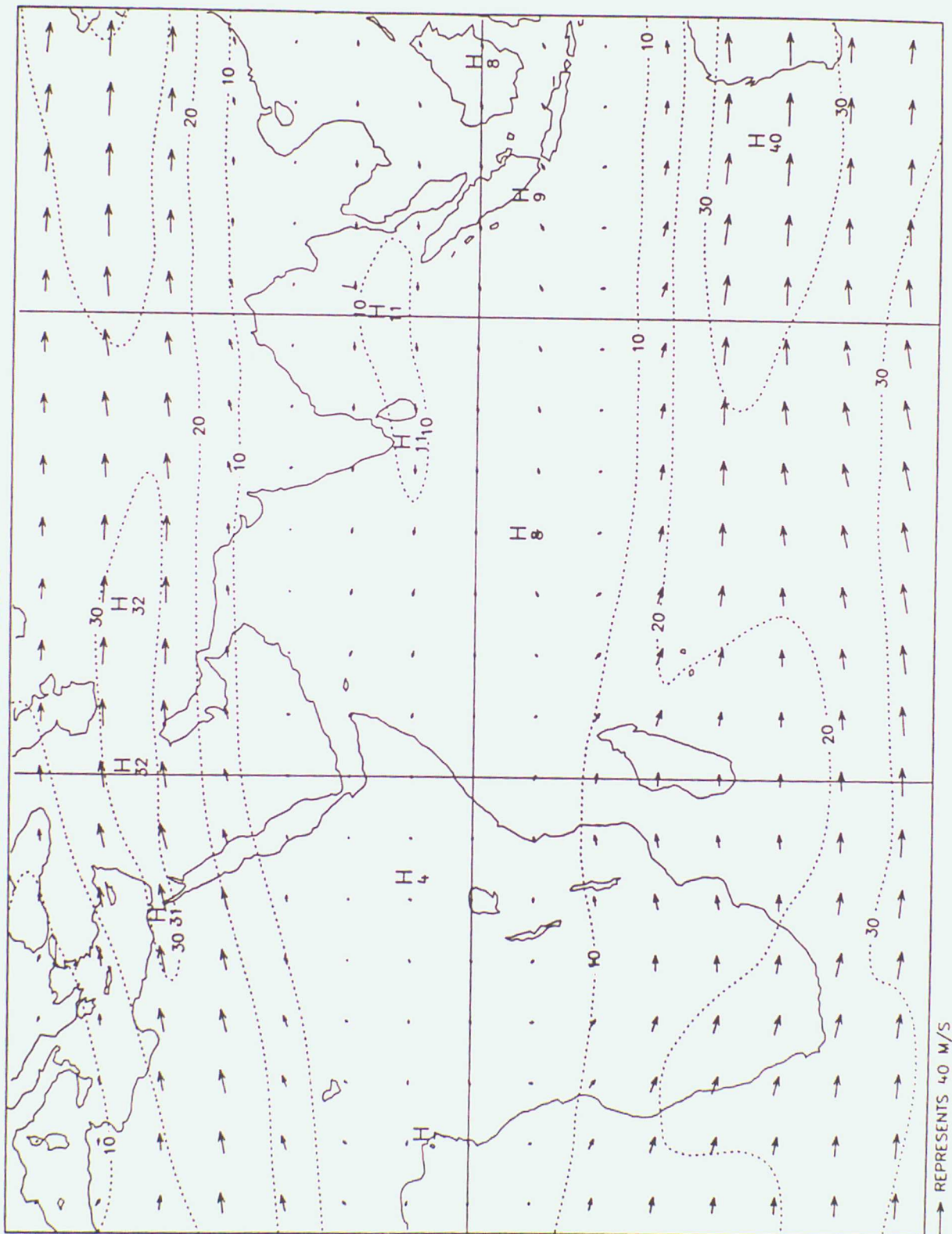
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 LEVEL: 100 MB



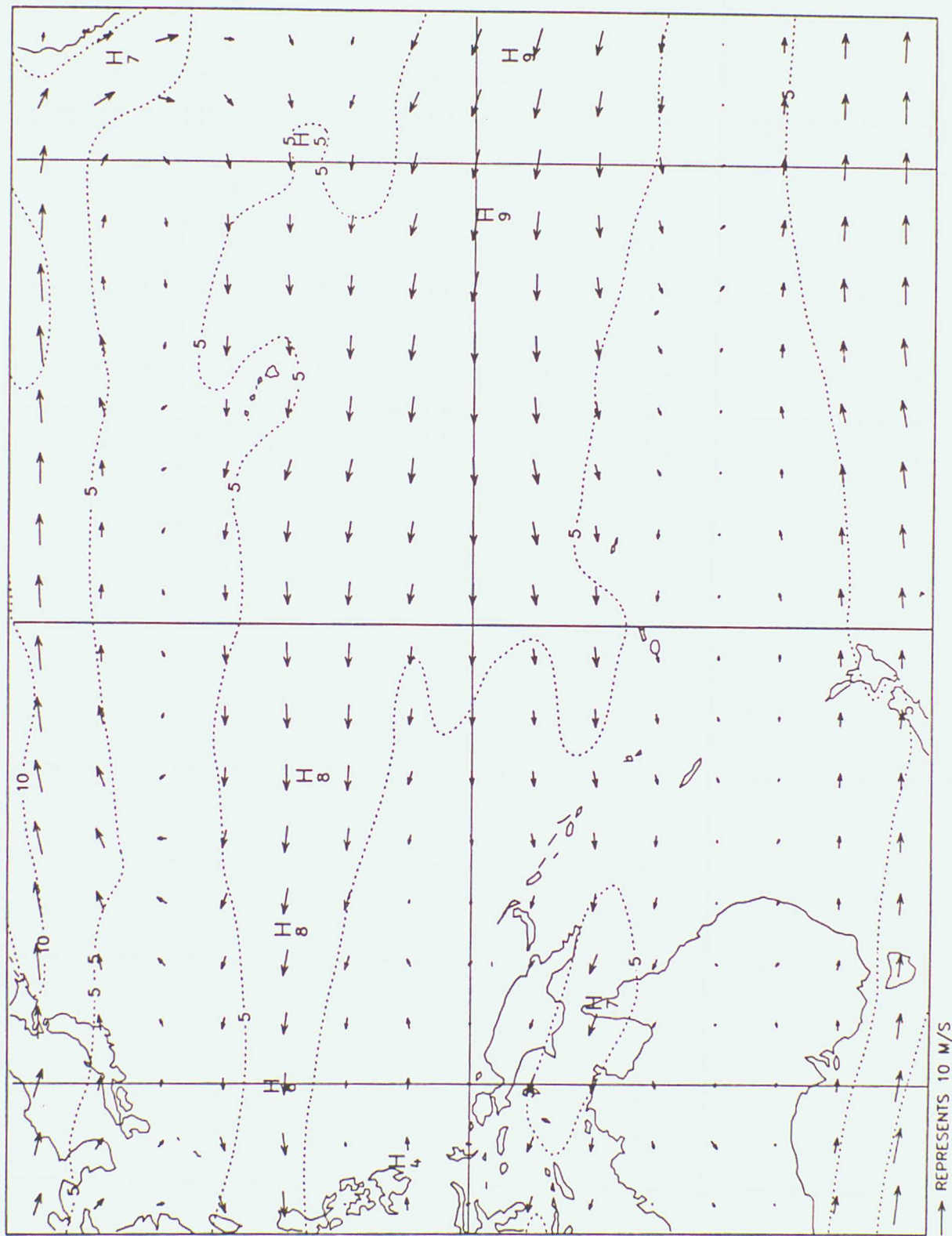
OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 850 MBS.
 BETWEEN LONGS. 0 E - 120 E



OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 250 MBS.
 BETWEEN LONGS. 0 E - 120 E

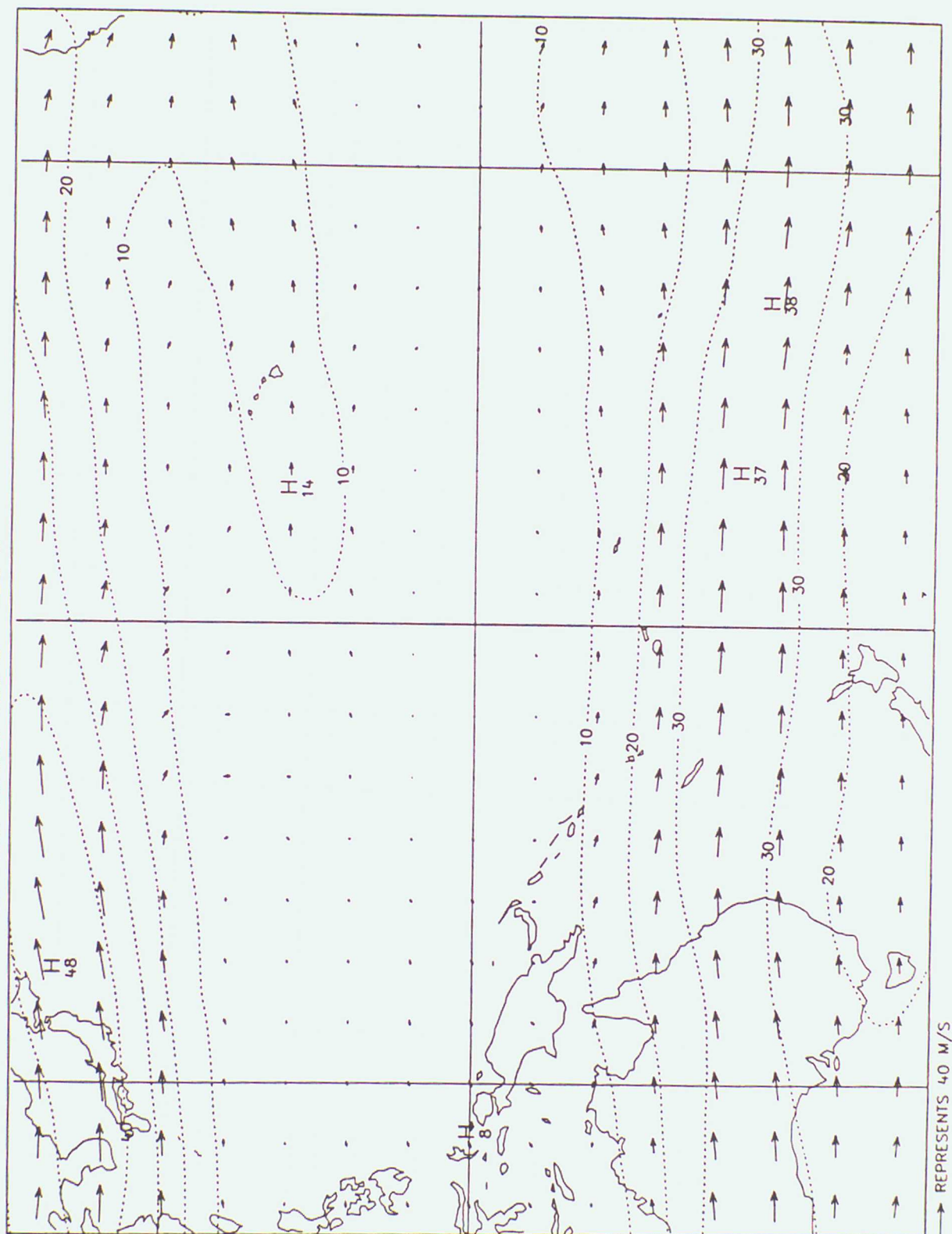


OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W

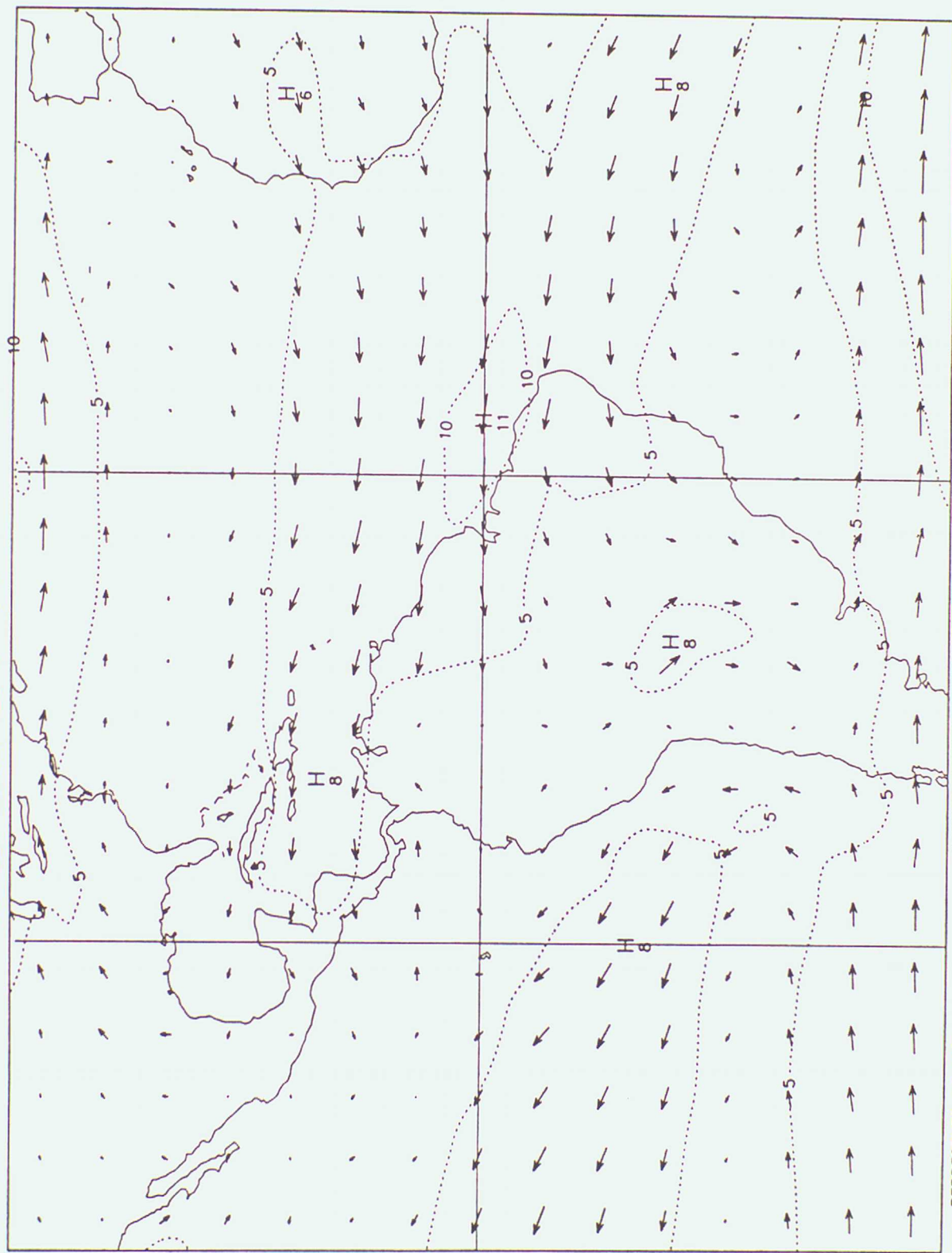


→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 250 MBS. BETWEEN LONGS. 120 E - 120 W

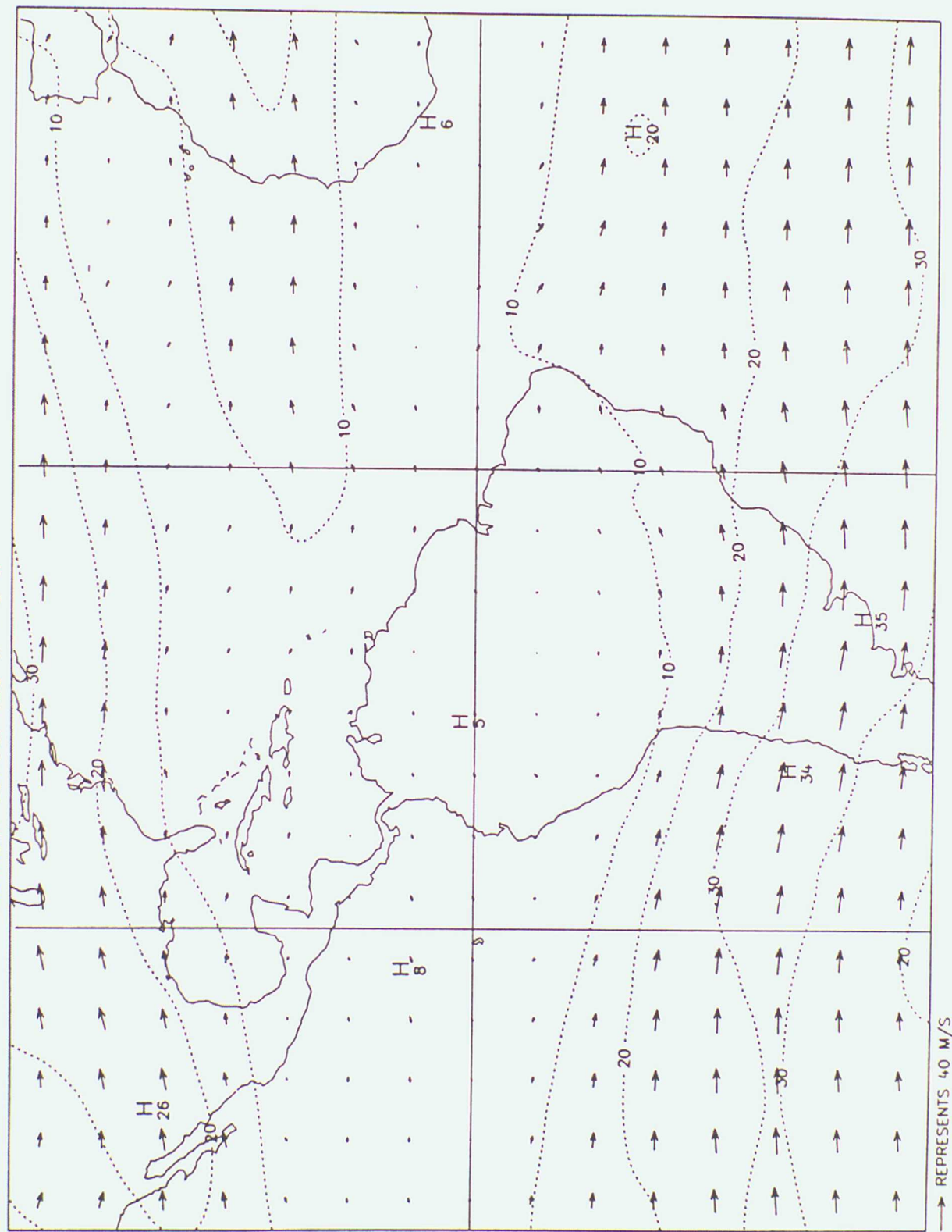


OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W



→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. OCTOBER CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/10/1983 DAY 274 TO 12Z ON 31/10/1985 DAY 304
250 MBS. BETWEEN LONGS. 120 W - 0 W

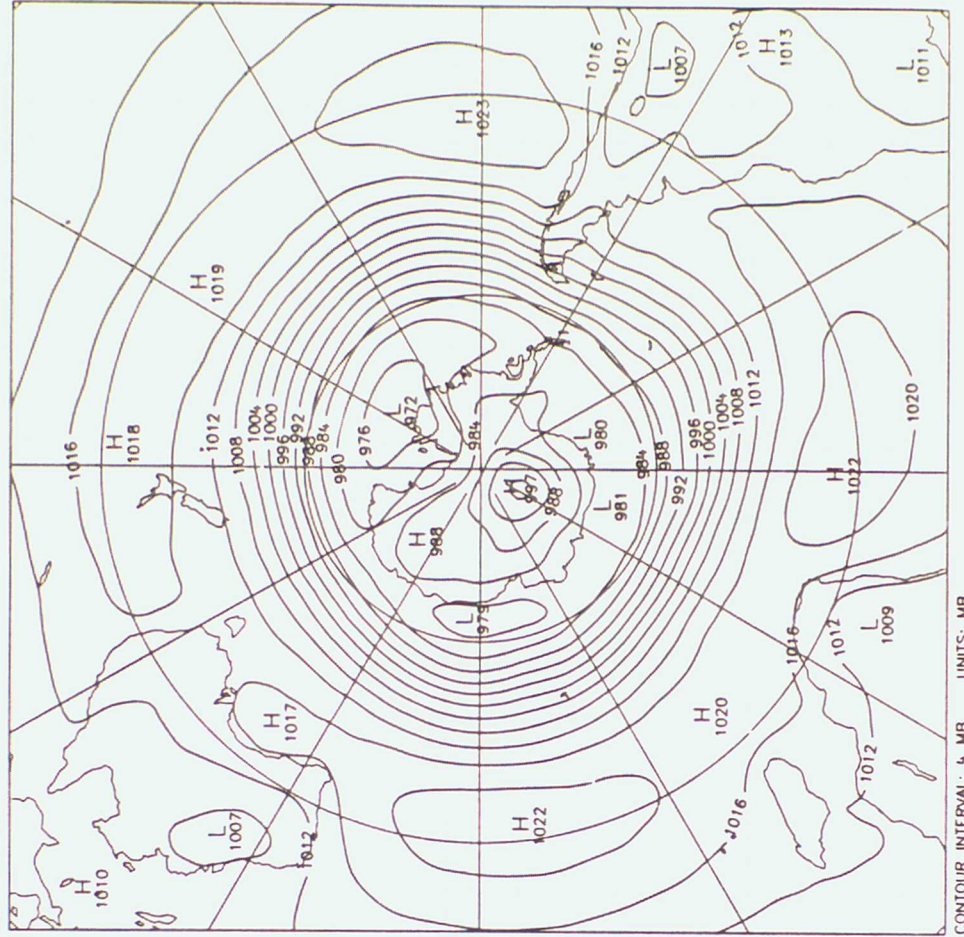


NOVEMBER

OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY

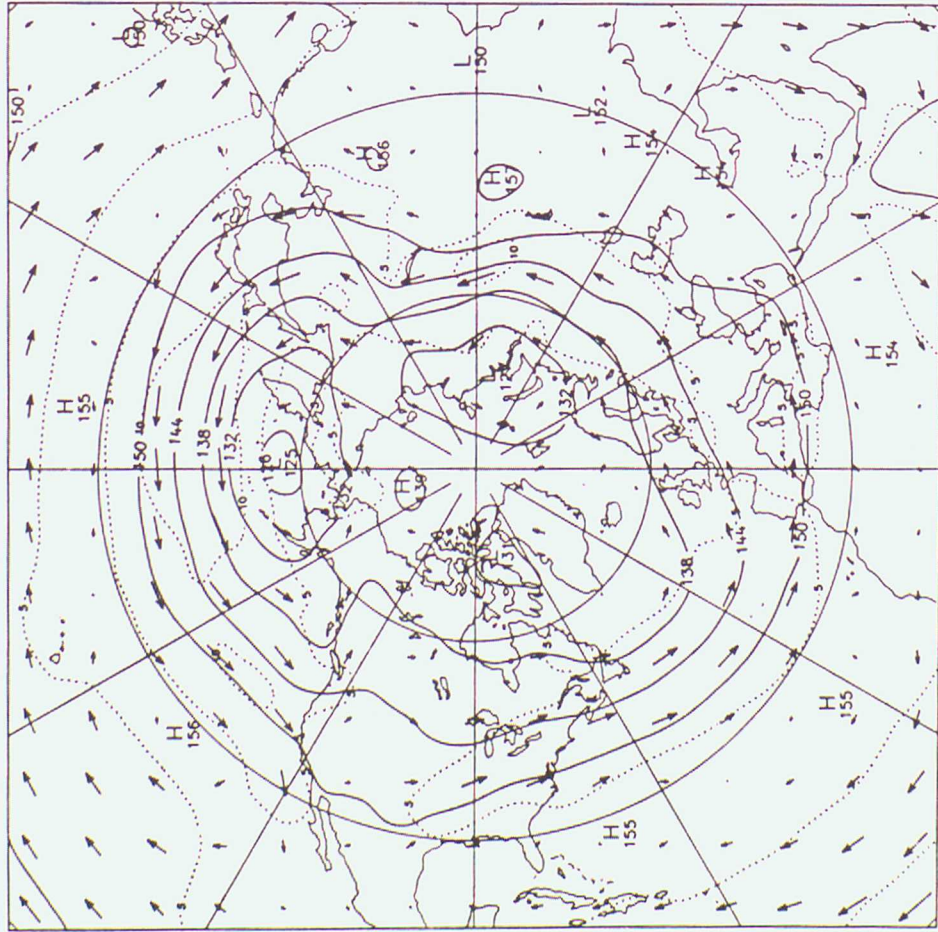
PMSL

AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
SEA LEVEL



OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334

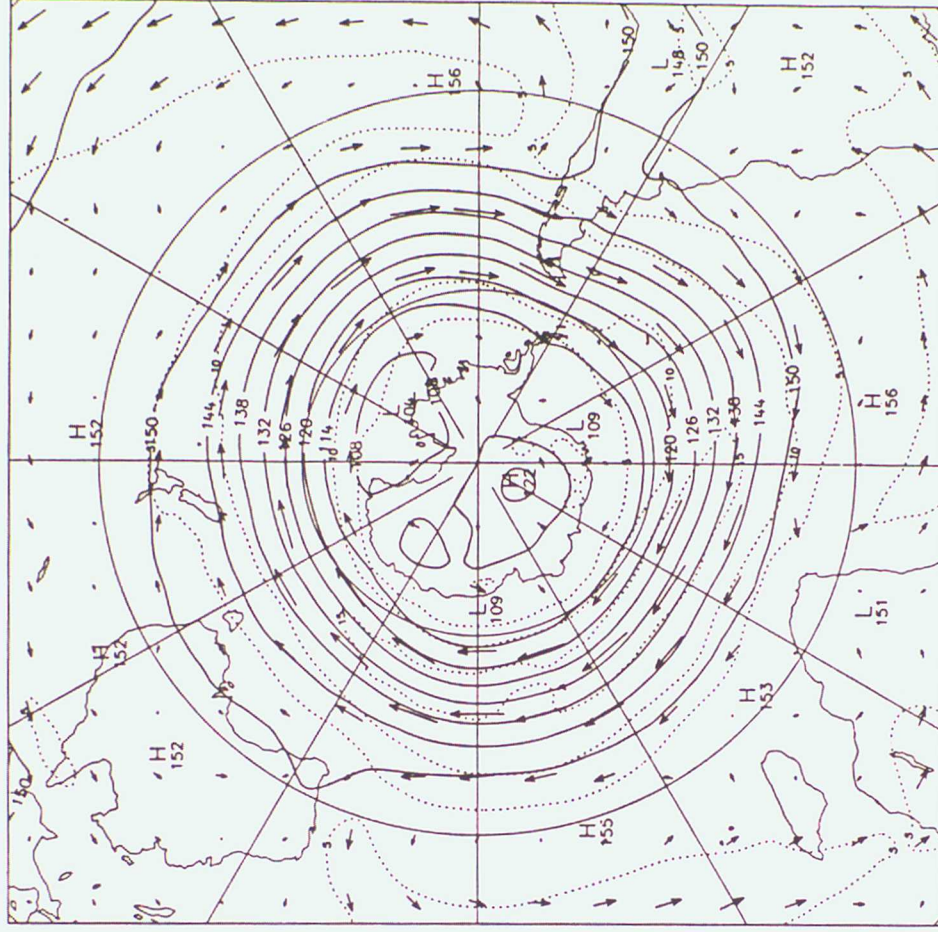
LEVEL: 850 MB



→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

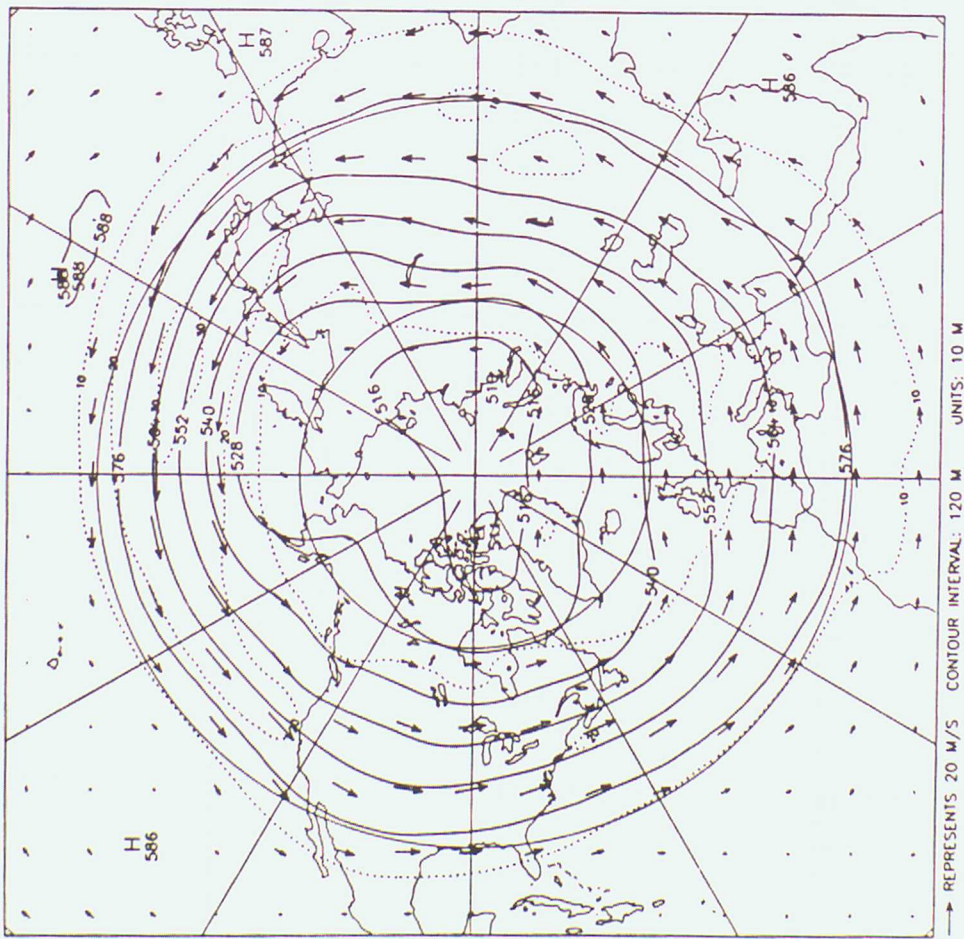
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334

LEVEL: 850 MB

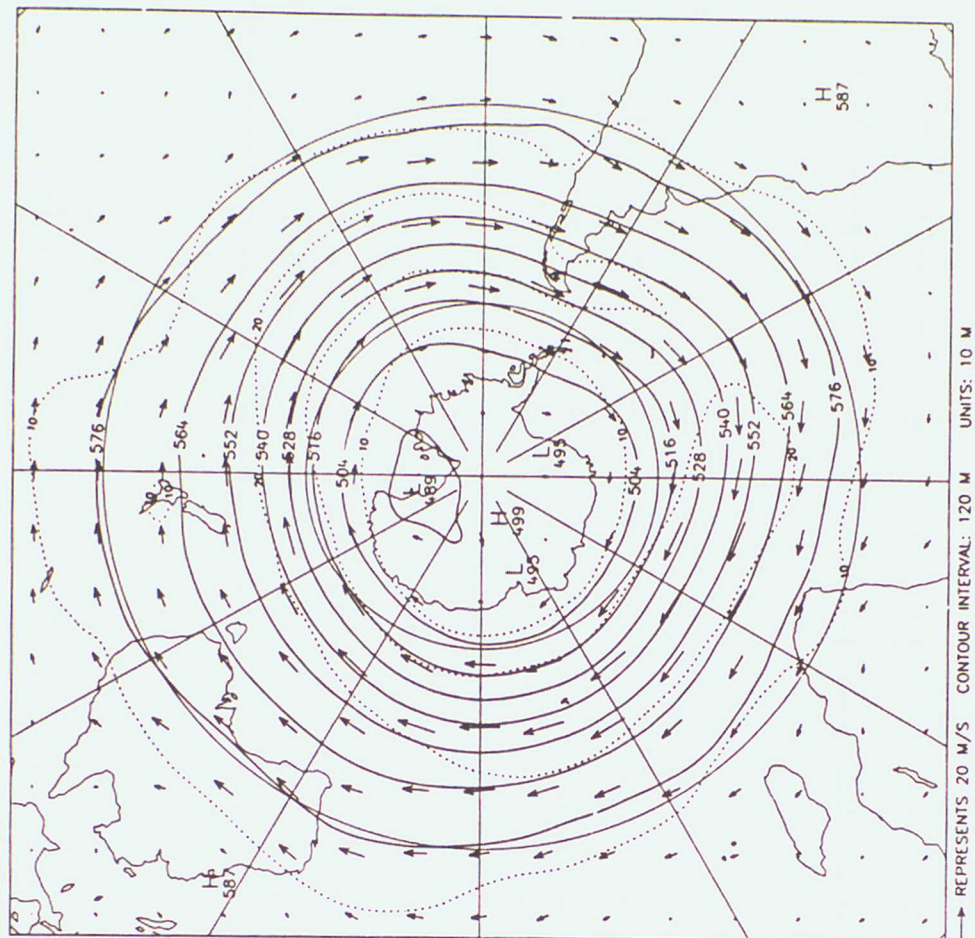


→ REPRESENTS 10 M/S CONTOUR INTERVAL: 60 M UNITS: 10 M

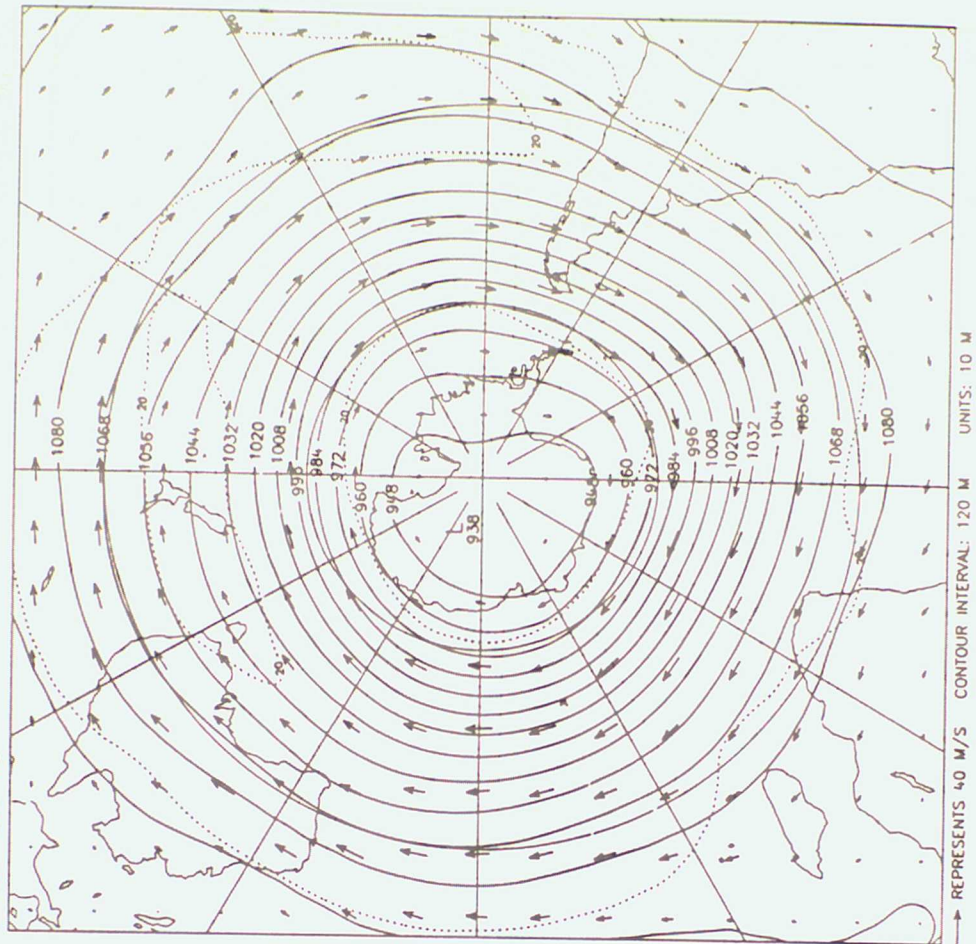
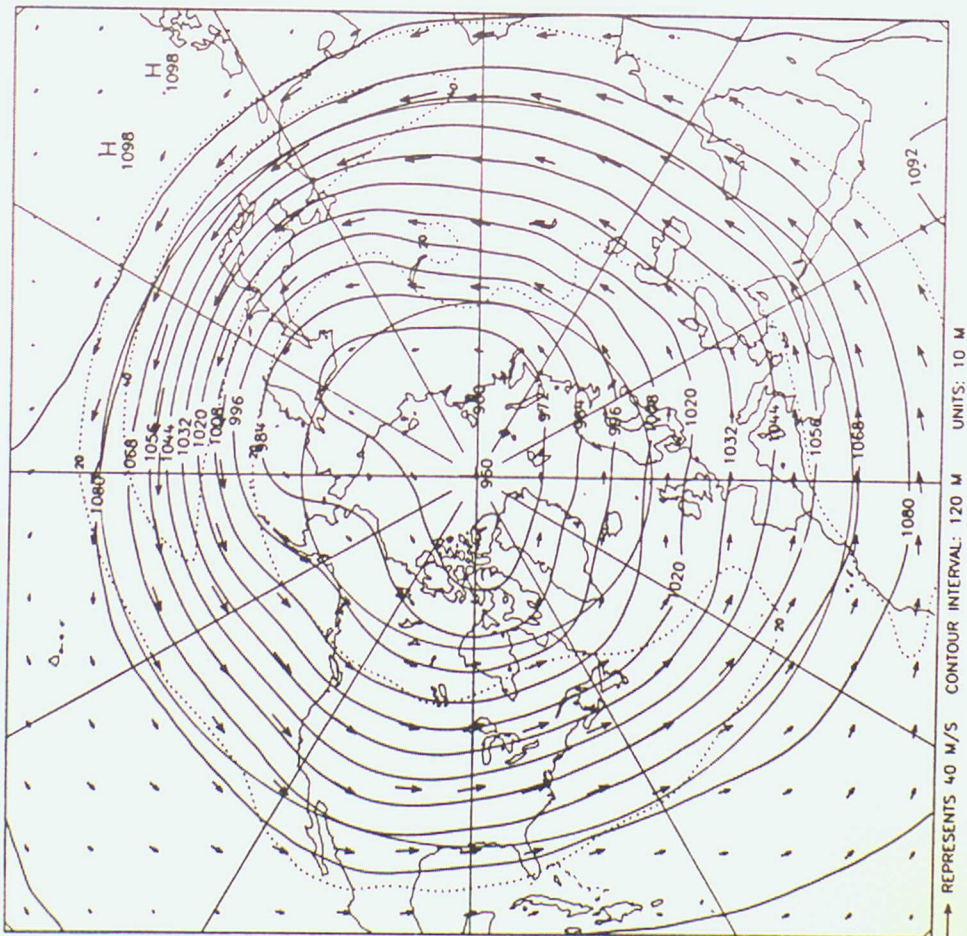
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 500 MB



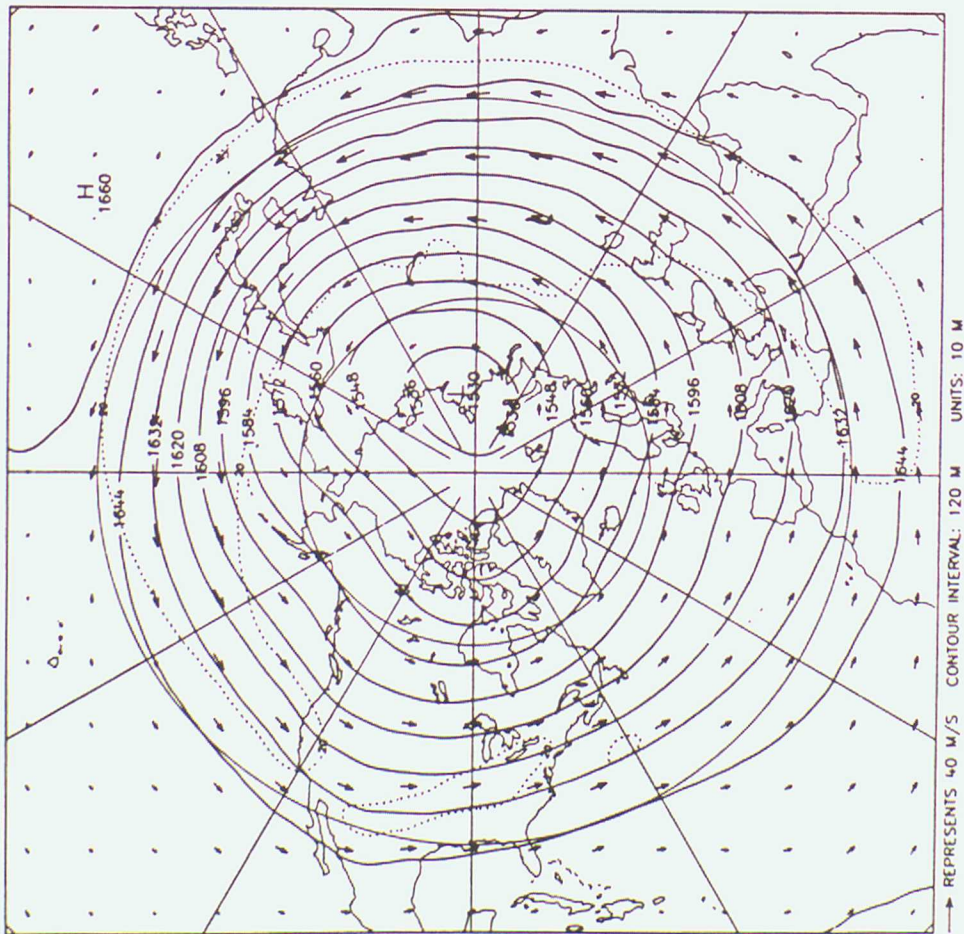
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 500 MB



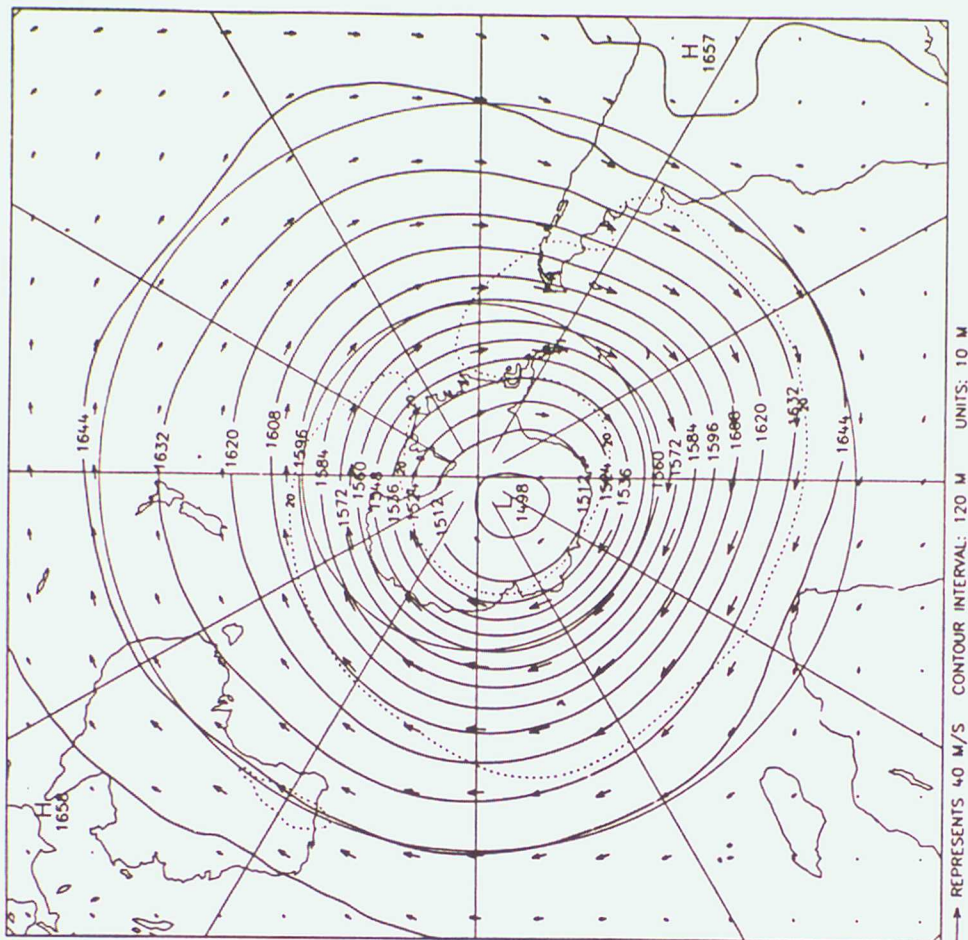
OPERATIONAL ARCHIVE MEANS, NOVEMBER CLIMATOLOGY
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
LEVEL: 250 MB



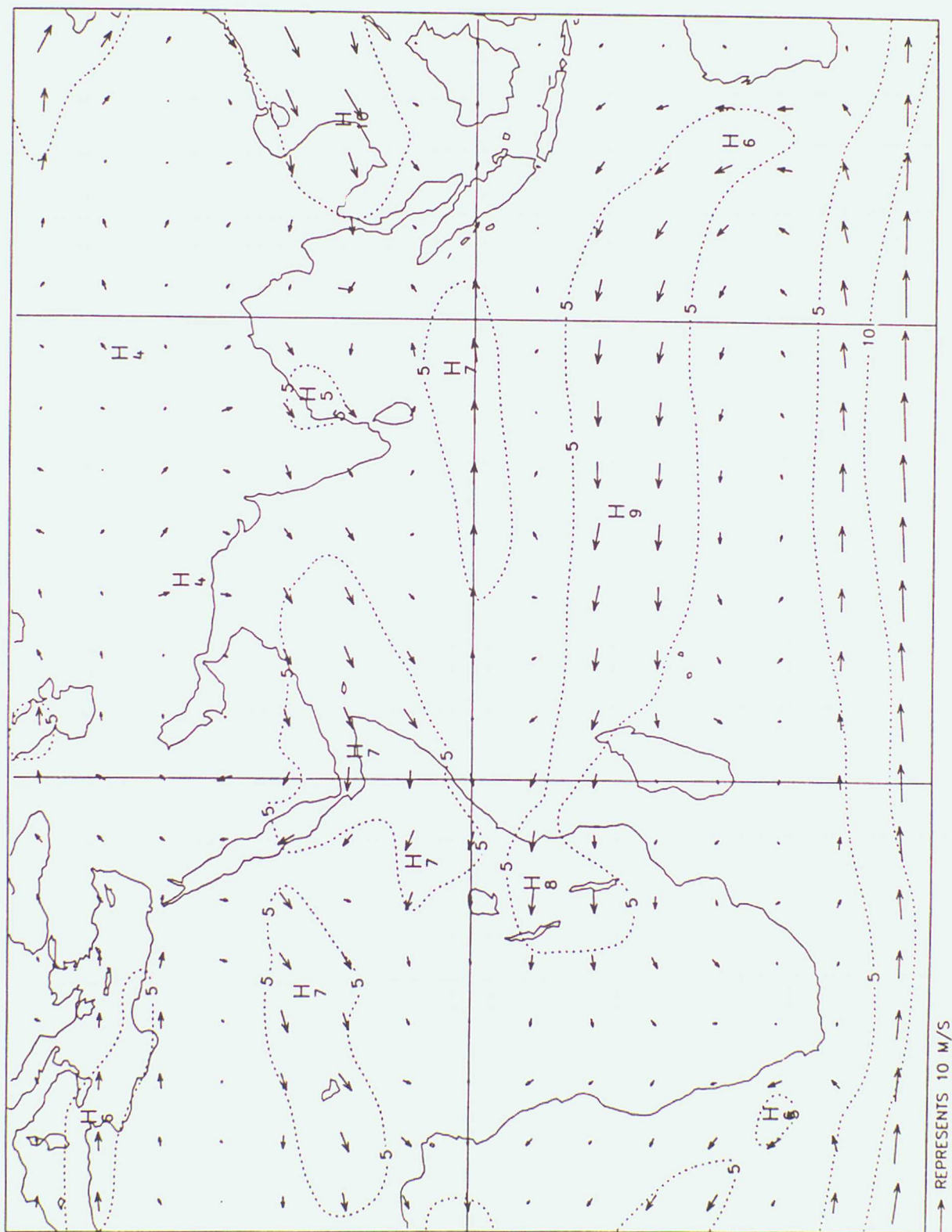
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 100 MB



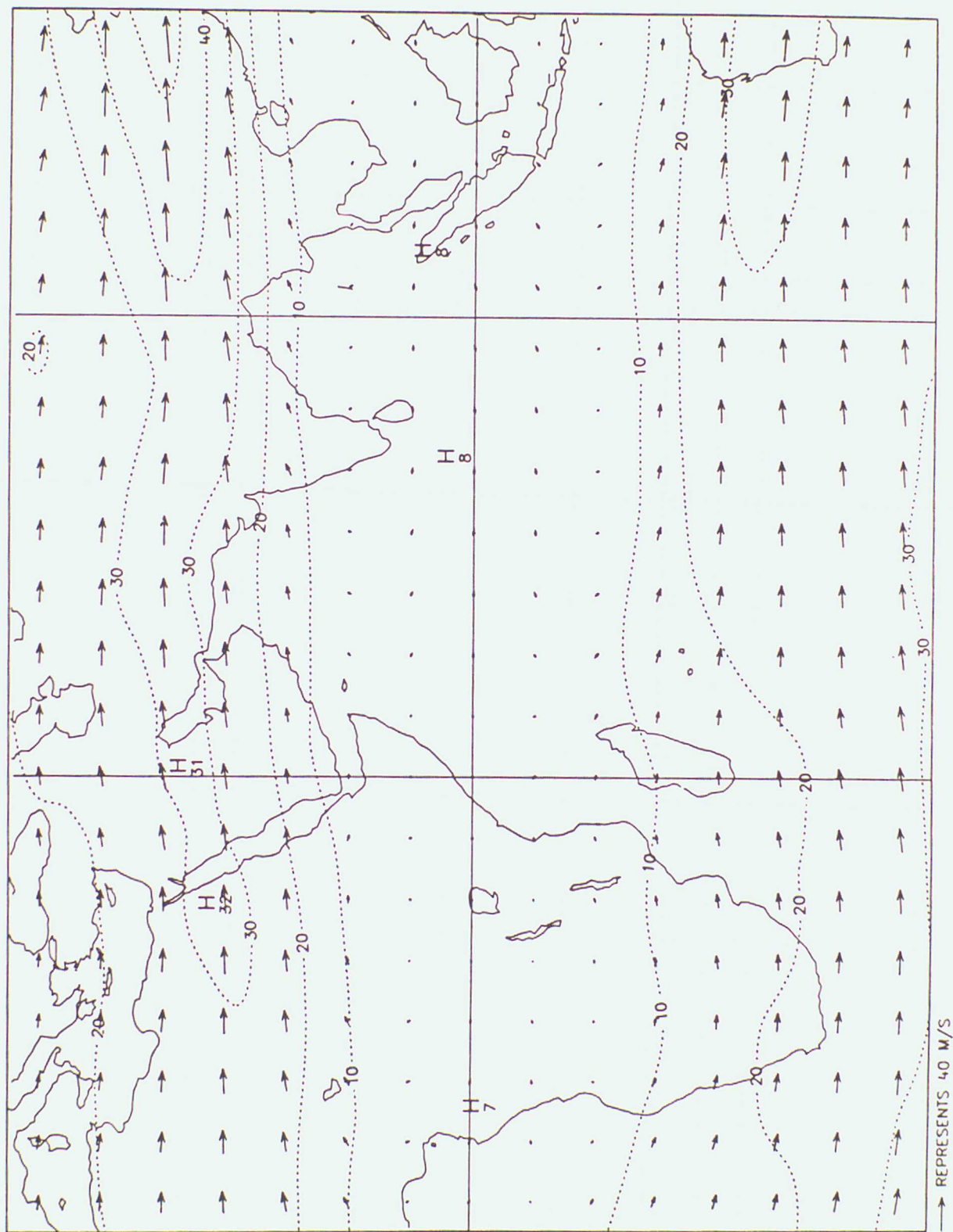
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 100 MB



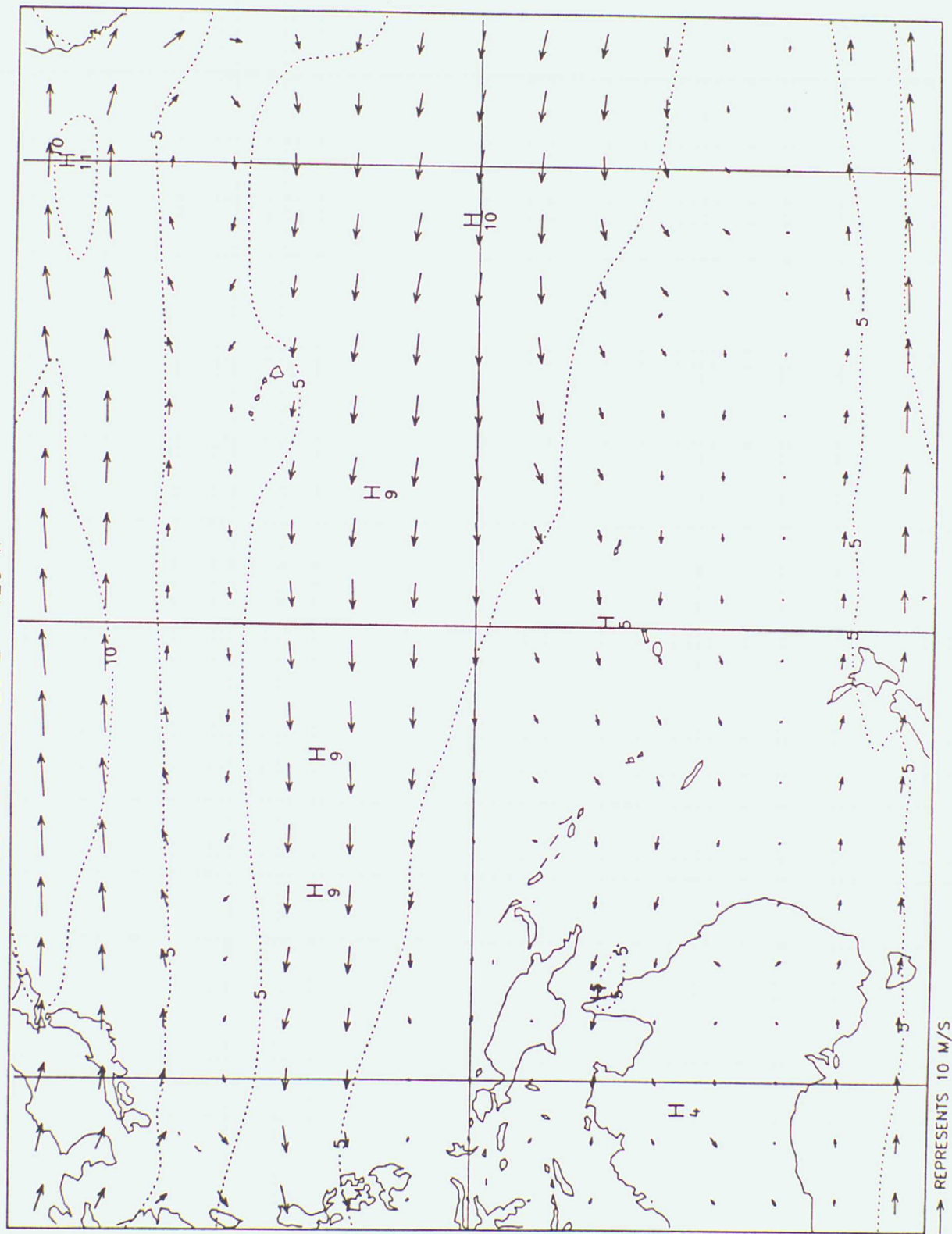
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 850 MBS.
 BETWEEN LONGS. 0 E - 120 E



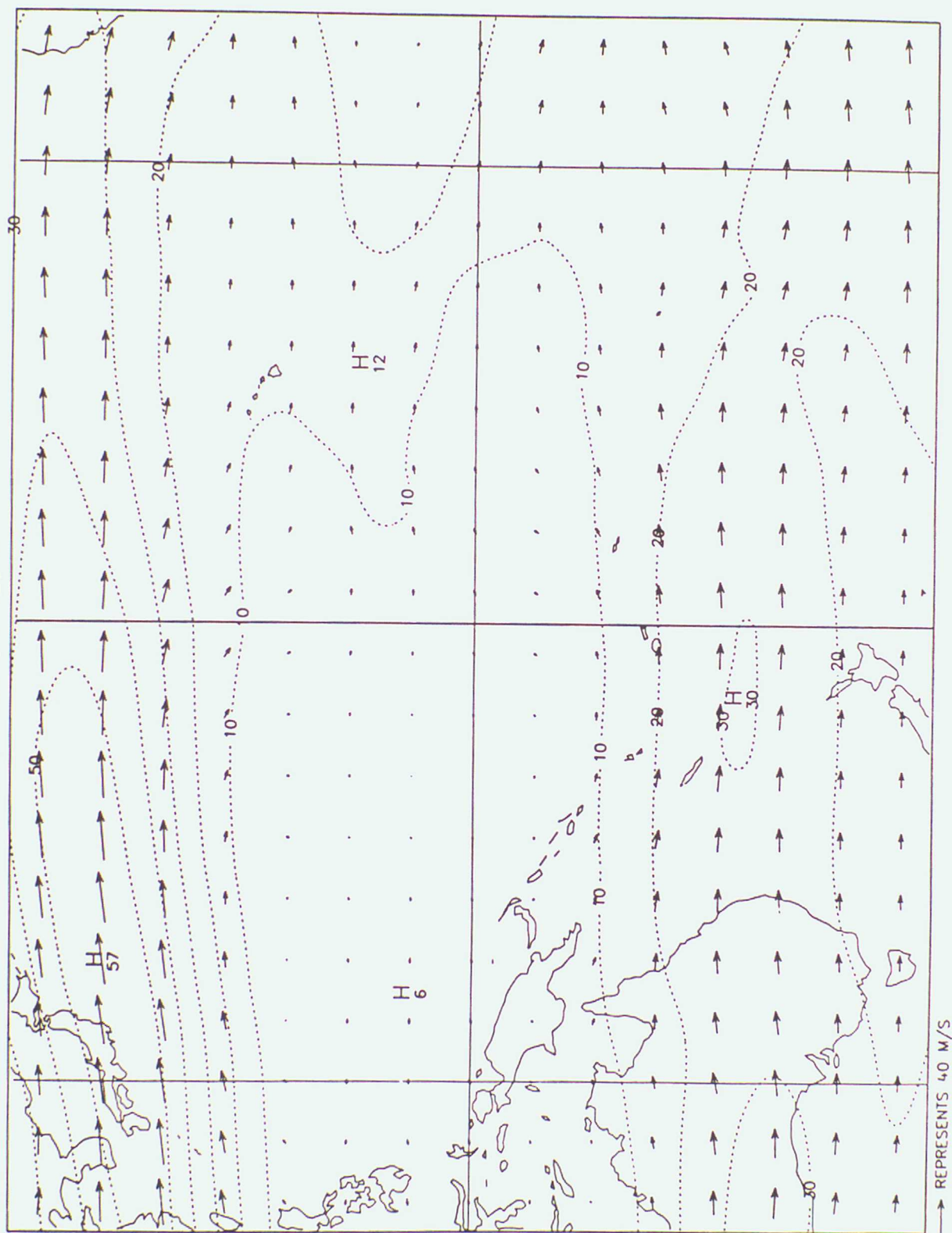
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
250 MBS. BETWEEN LONGS. 0 E - 120 E



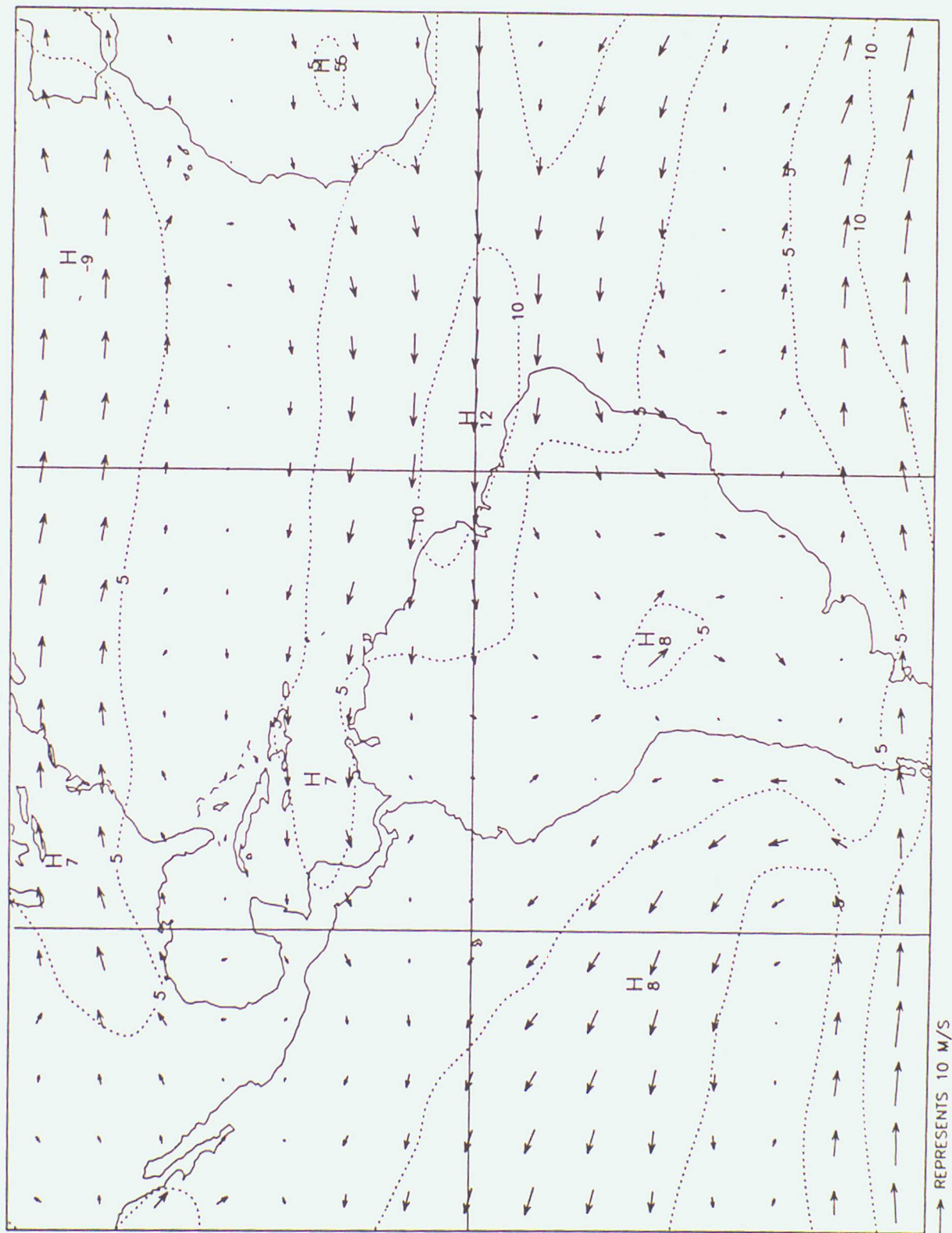
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



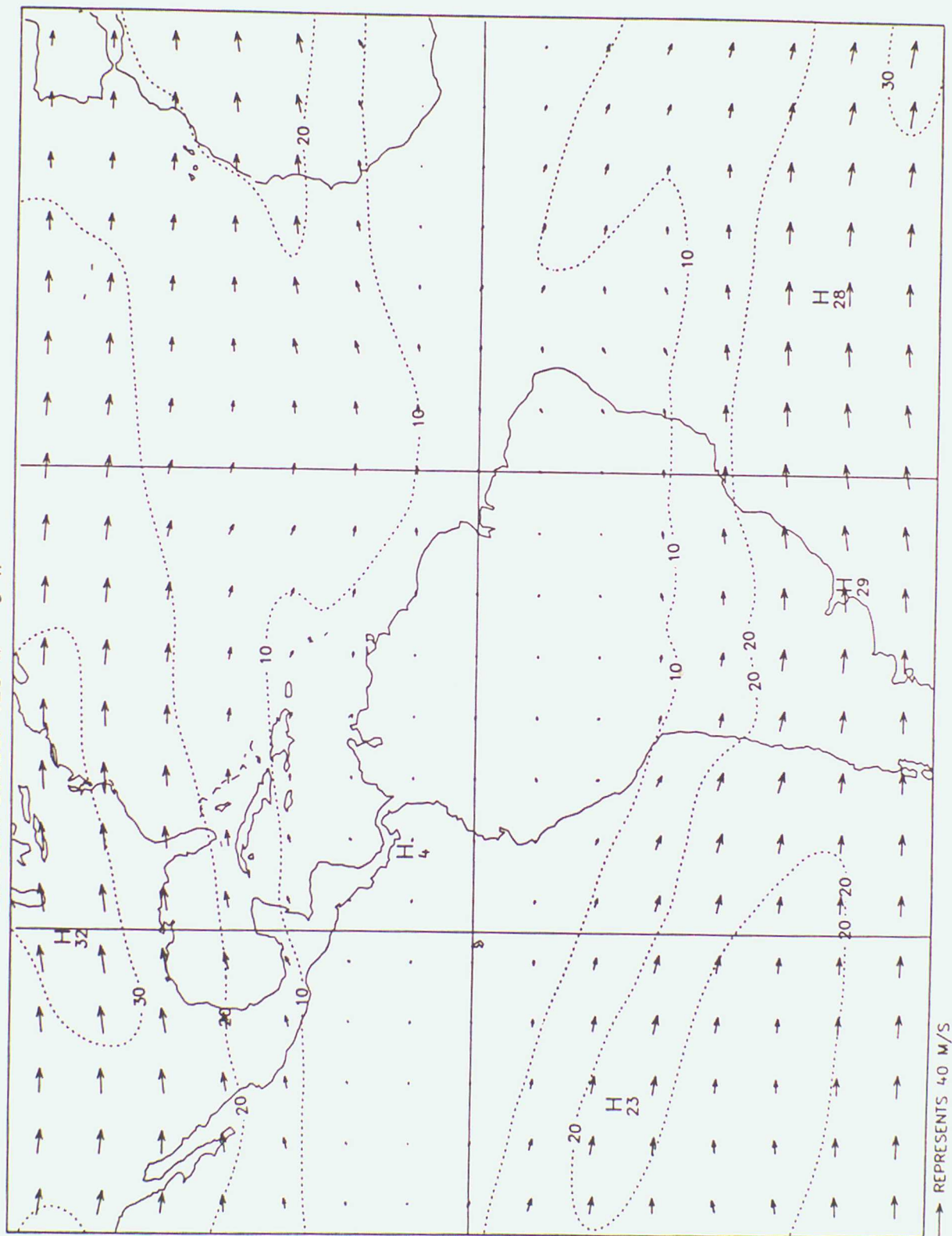
OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 250 MBS.
 BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATs. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W

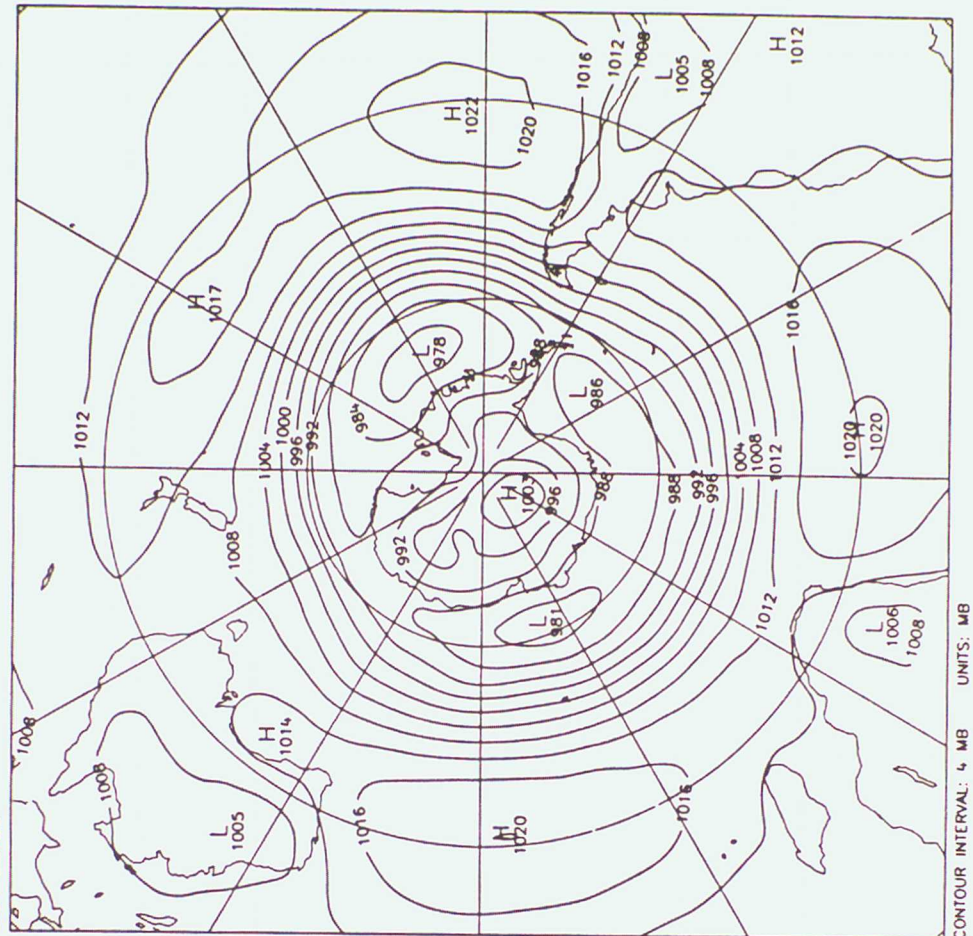


OPERATIONAL ARCHIVE MEANS. NOVEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/11/1983 DAY 305 TO 12Z ON 30/11/1985 DAY 334
 250 MBS.
 BETWEEN LONGS. 120 W - 0 W

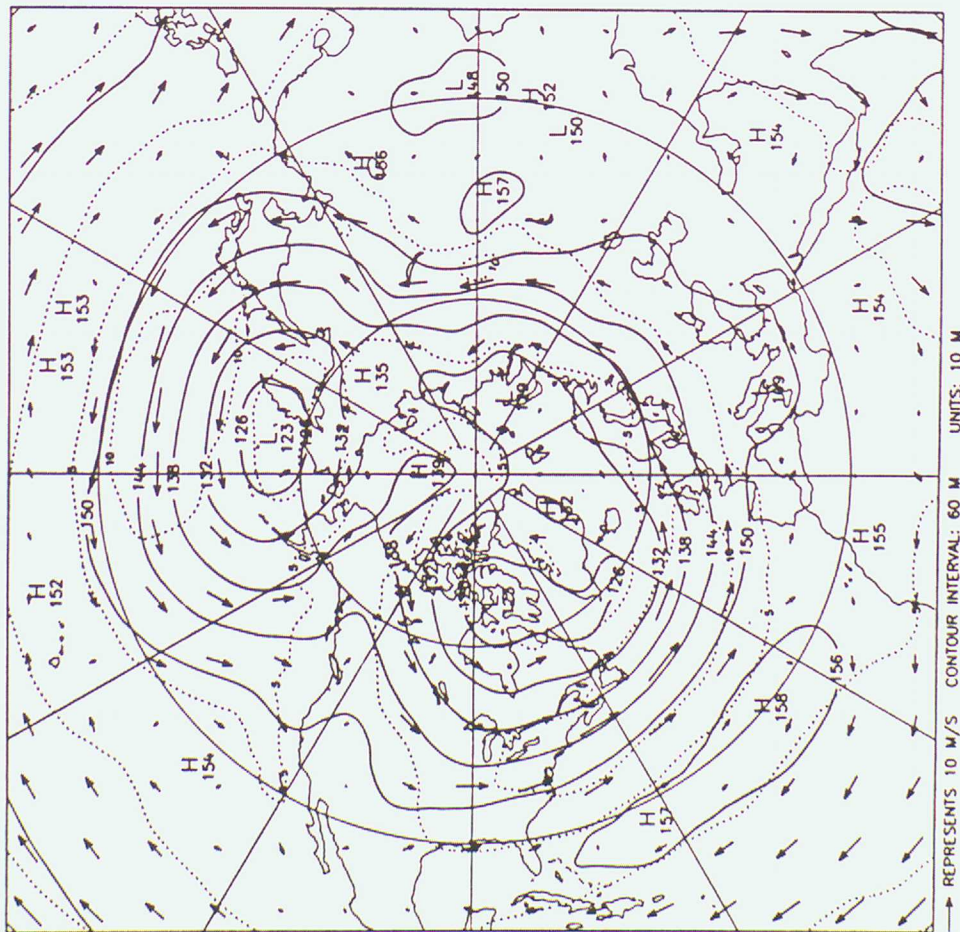


DECEMBER

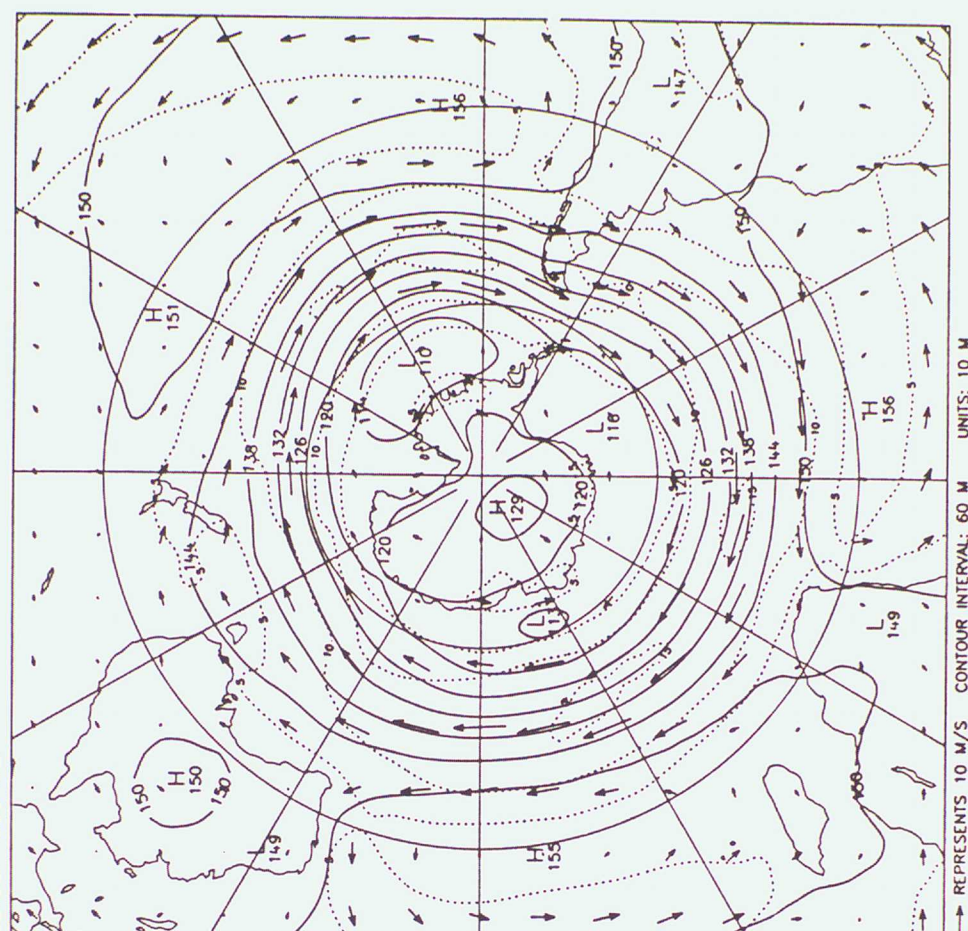
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
SEA LEVEL



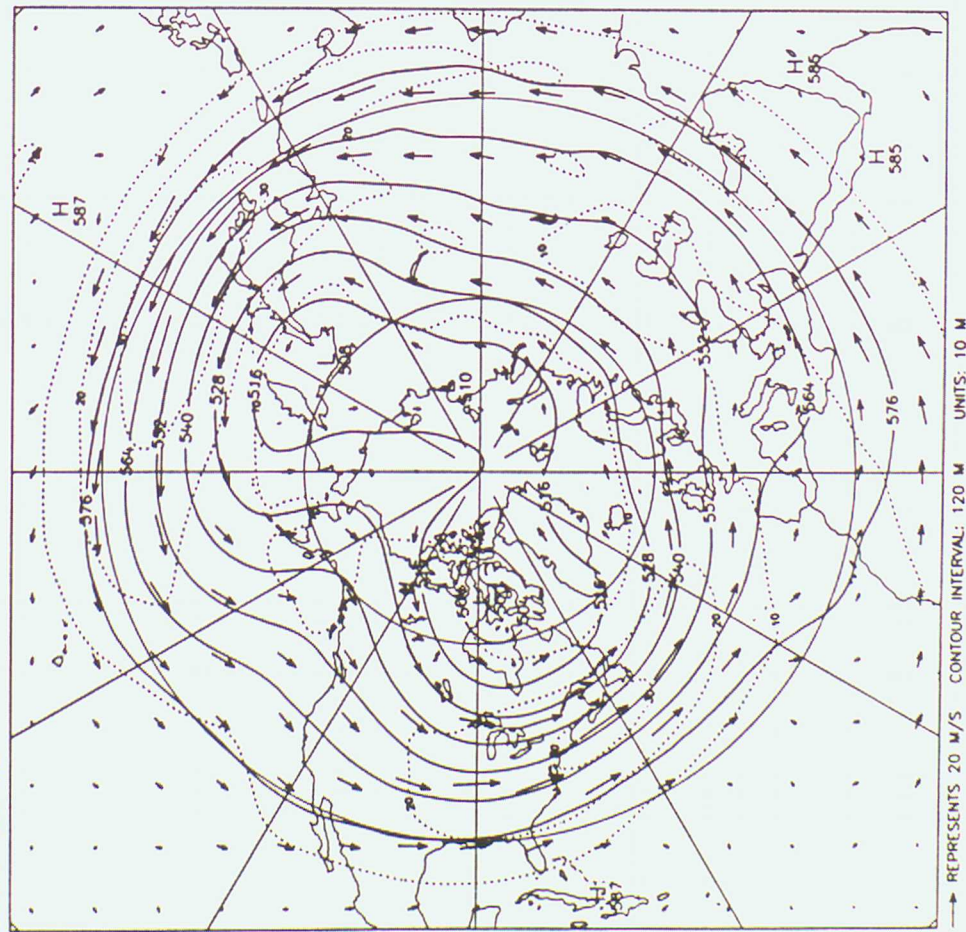
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 LEVEL: 850 MB



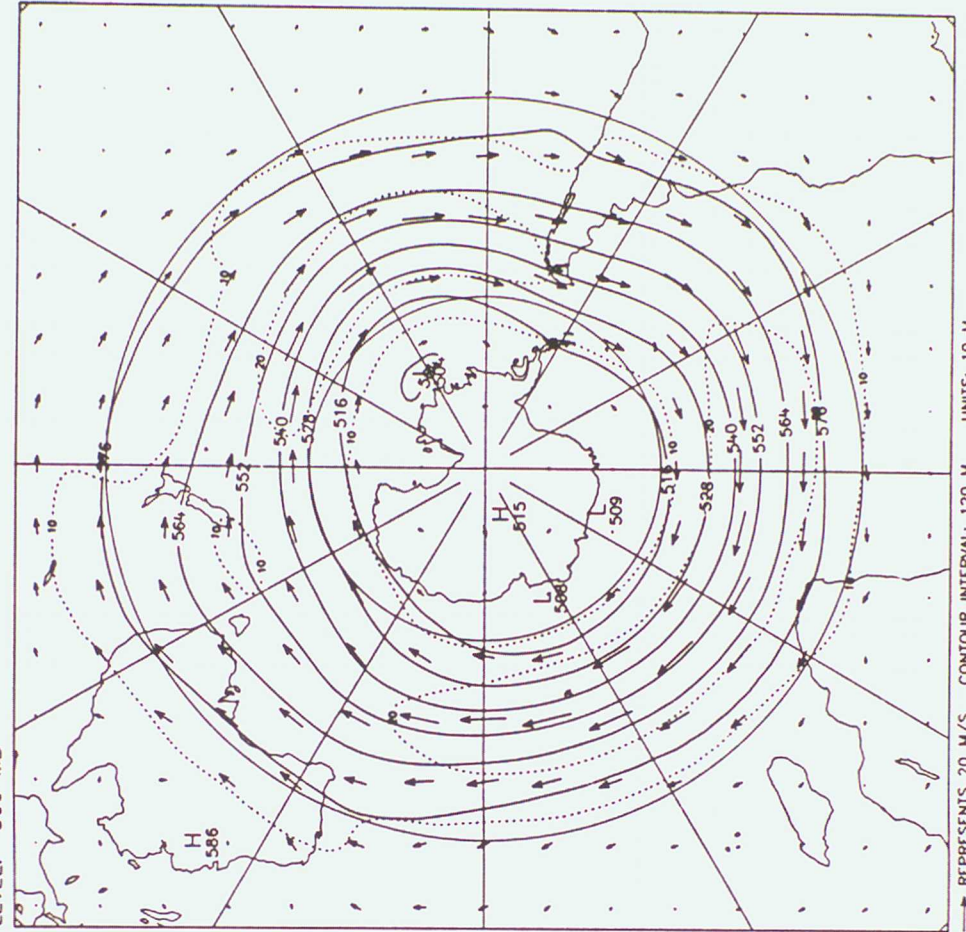
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 LEVEL: 850 MB



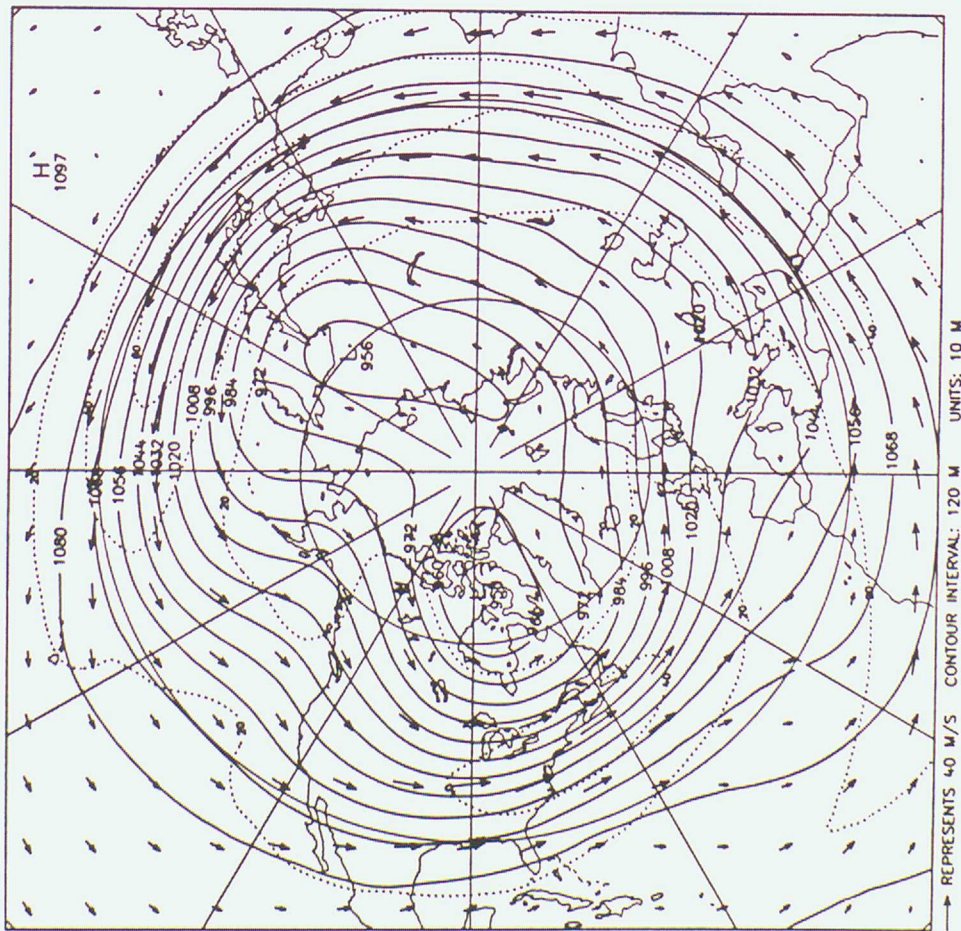
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 LEVEL: 500 MB



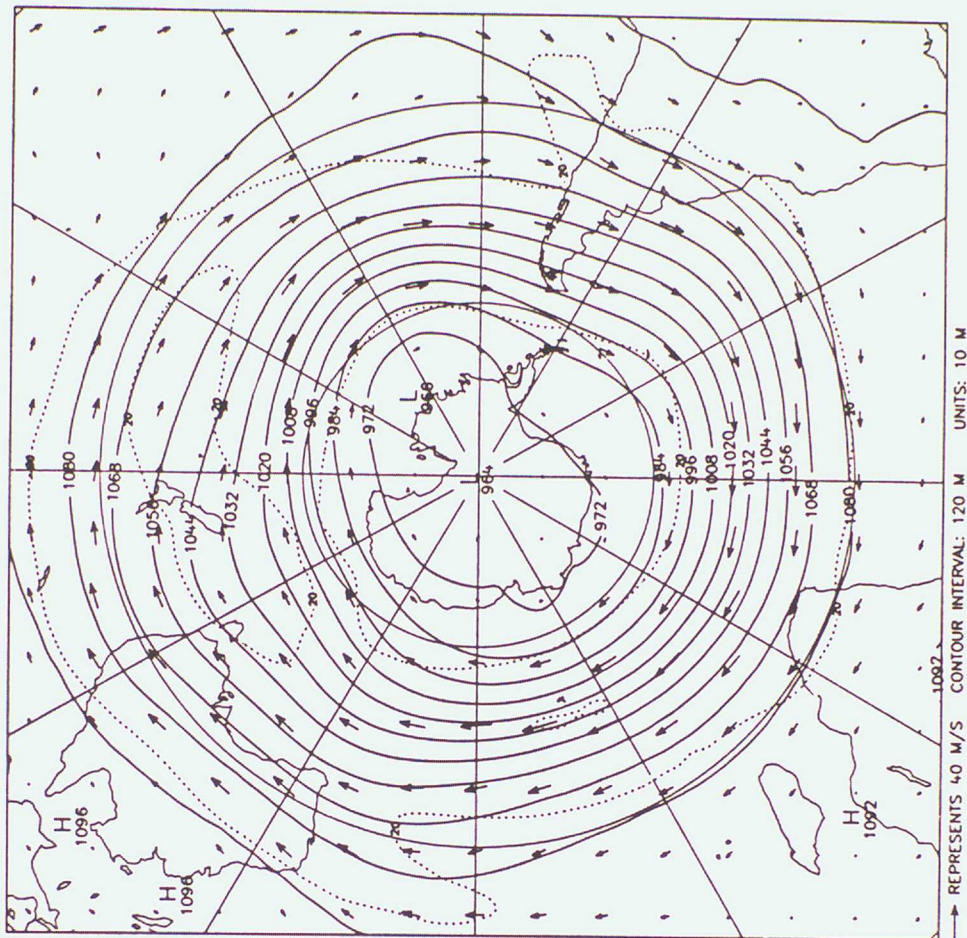
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 LEVEL: 500 MB



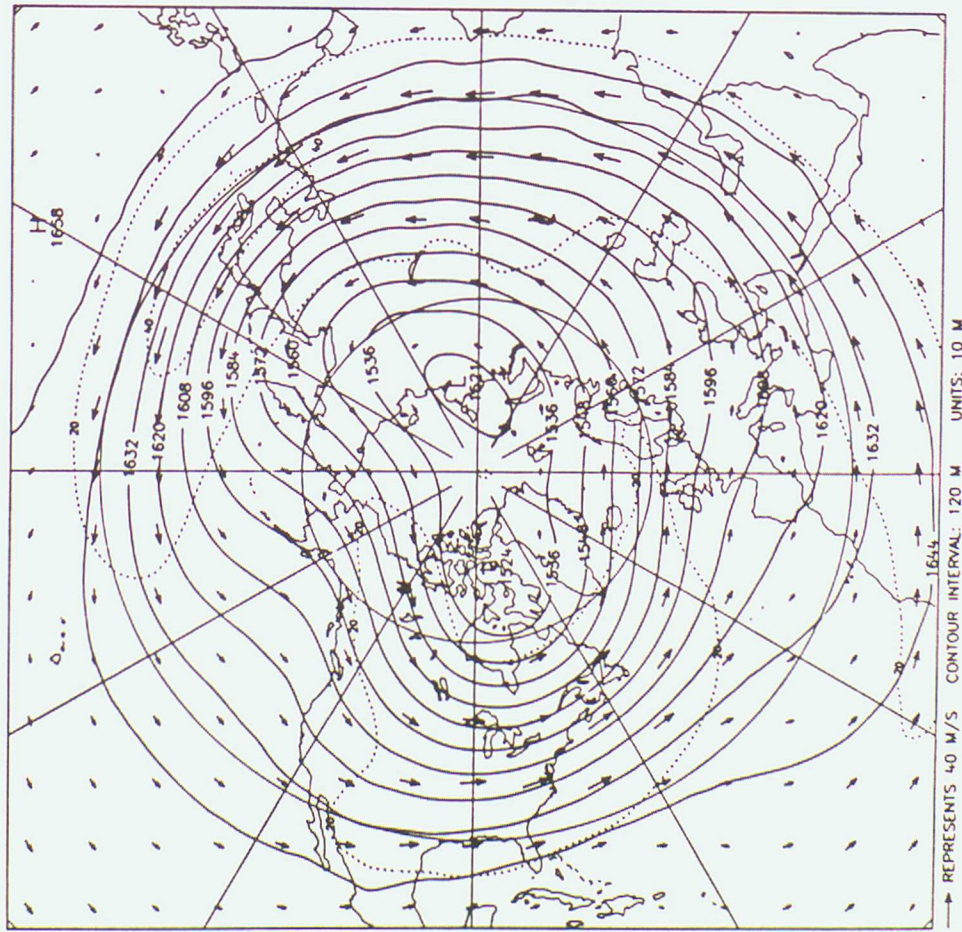
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 LEVEL: 250 MB



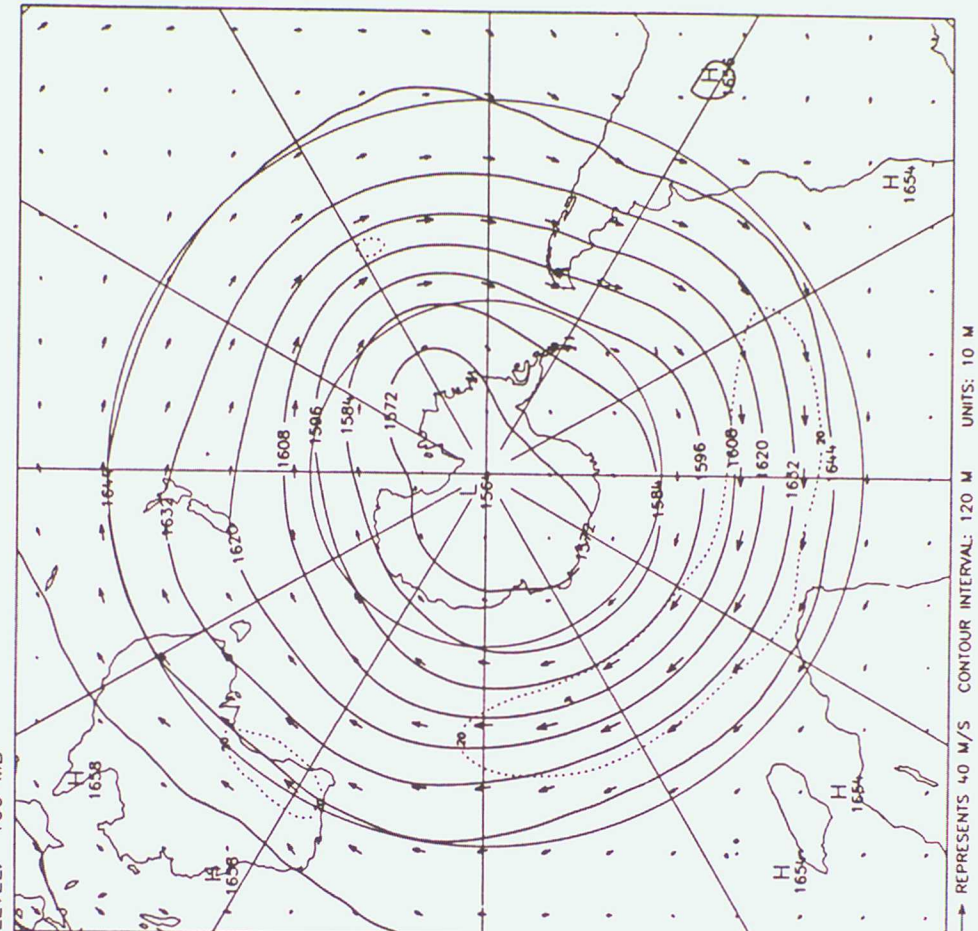
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 LEVEL: 250 MB



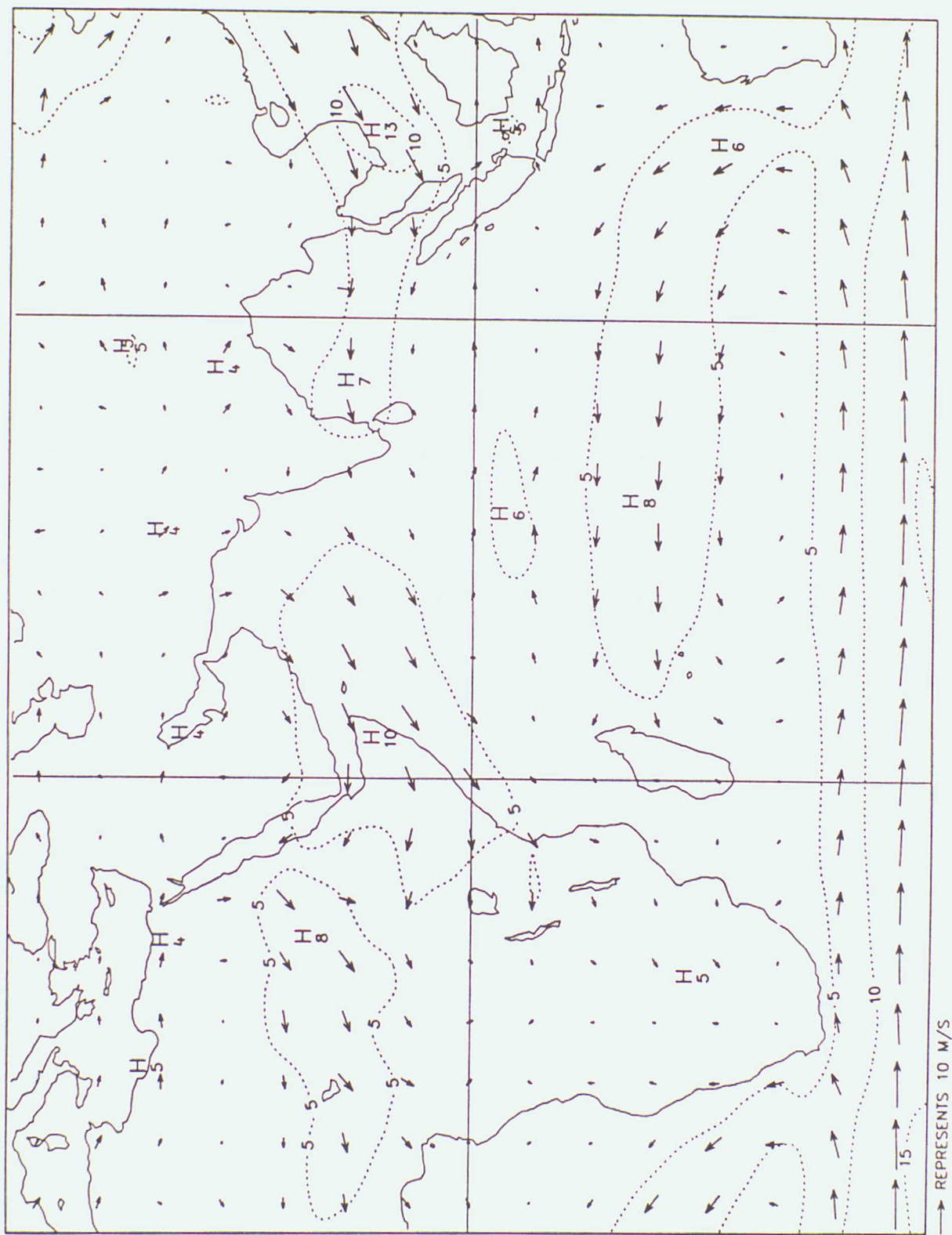
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 LEVEL: 100 MB



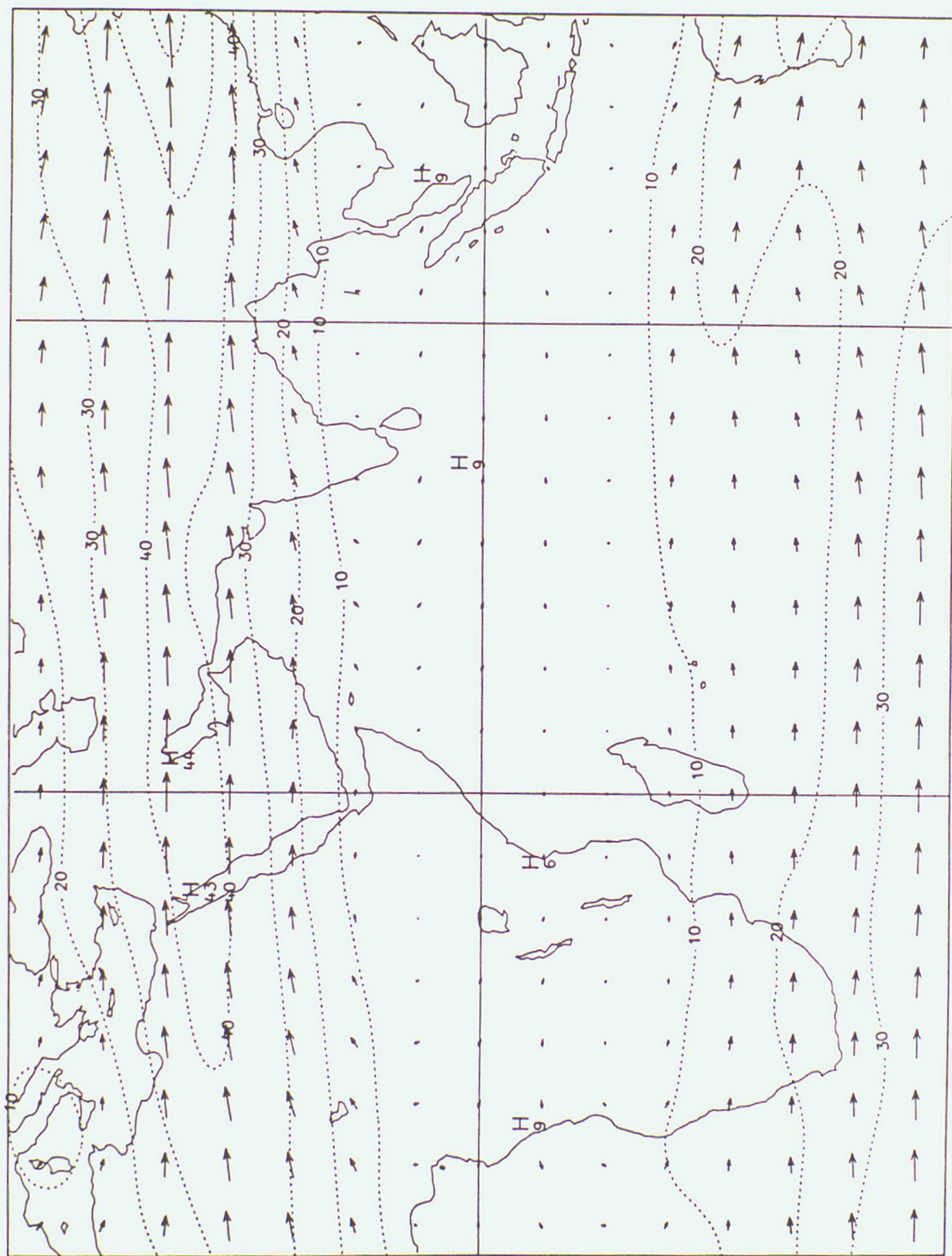
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 LEVEL: 100 MB



OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 850 MBS.
 BETWEEN LONGS. 0 E - 120 E

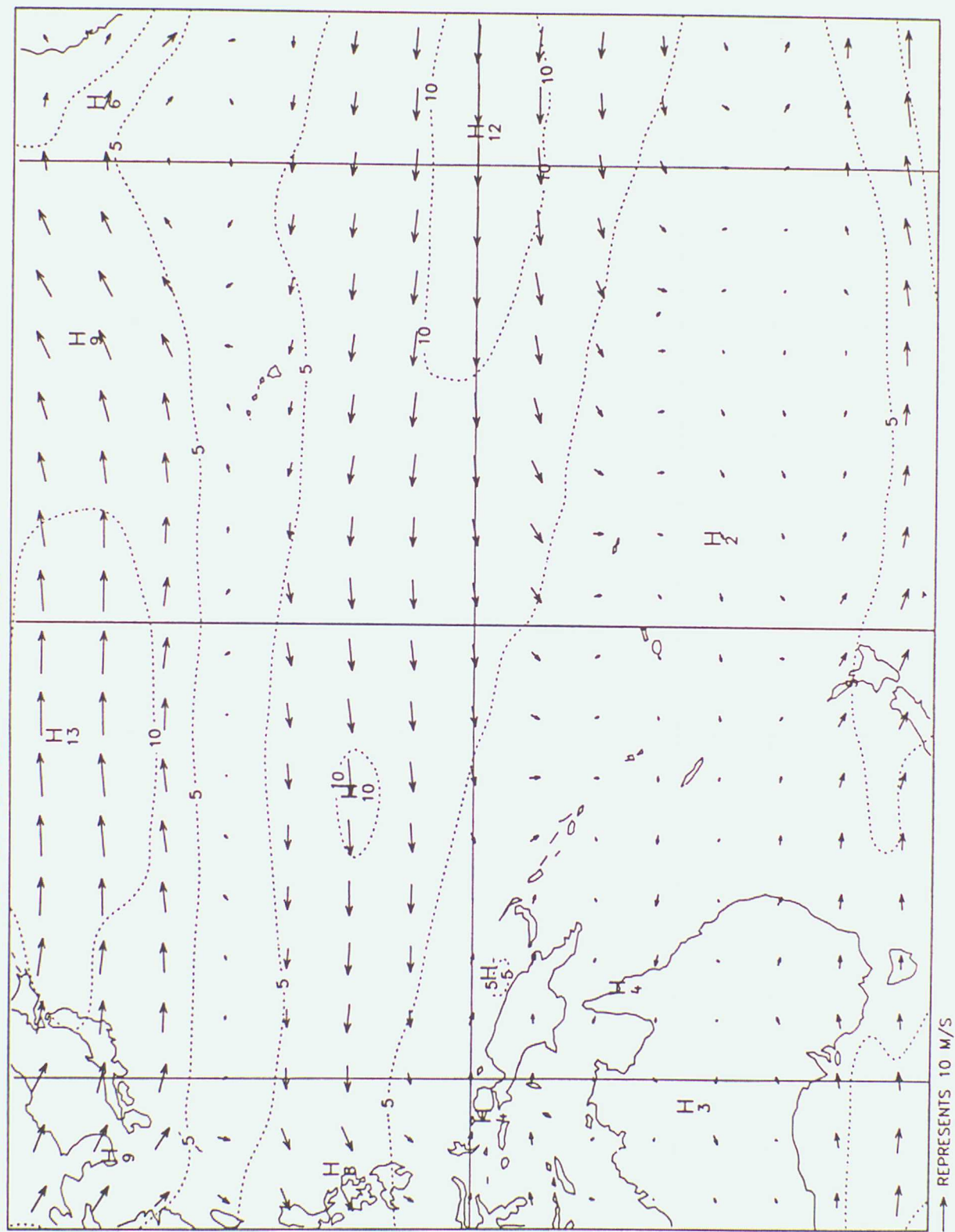


OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 BETWEEN LONGS. 0 E - 120 E
 250 MBS.

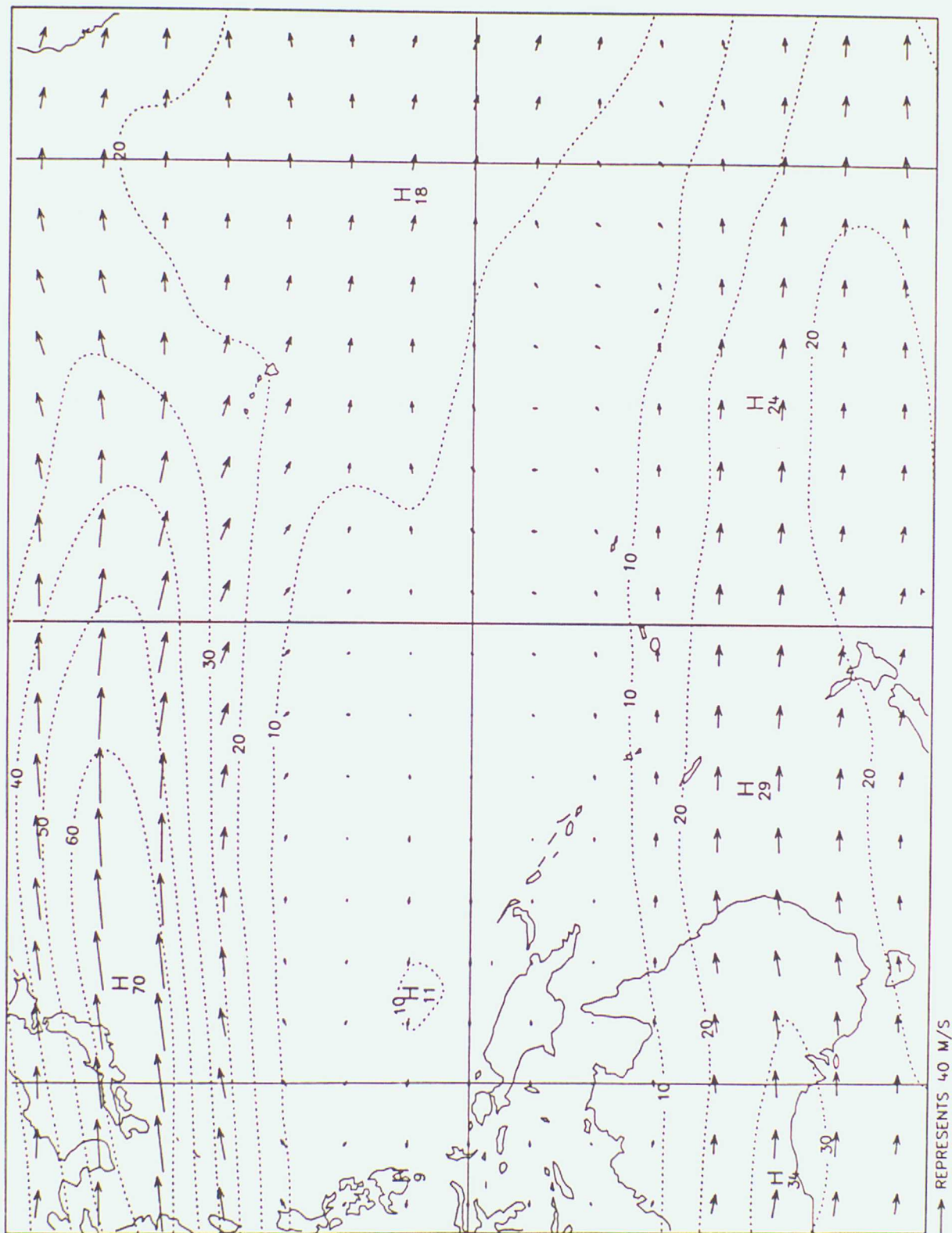


→ REPRESENTS 40 M/S

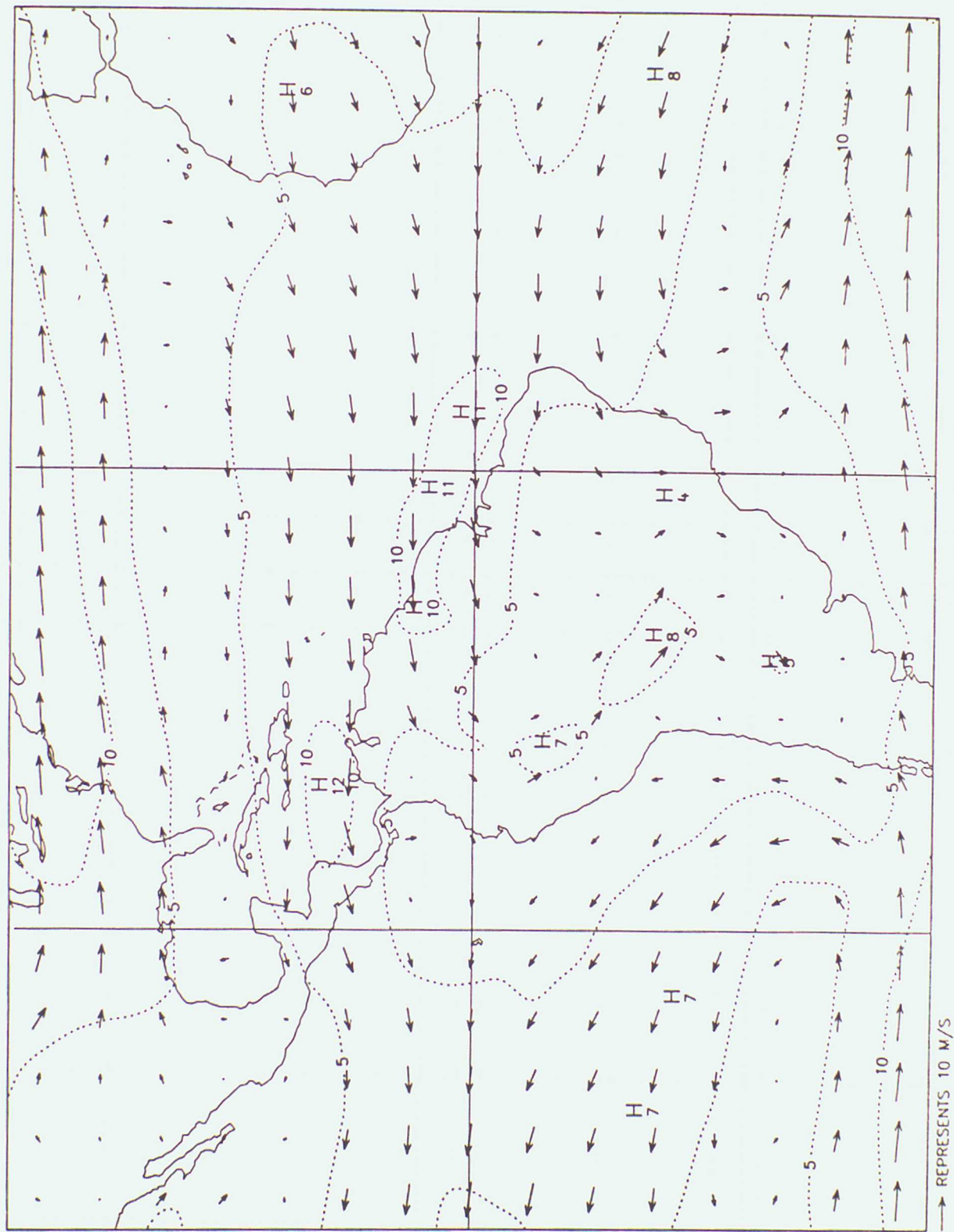
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



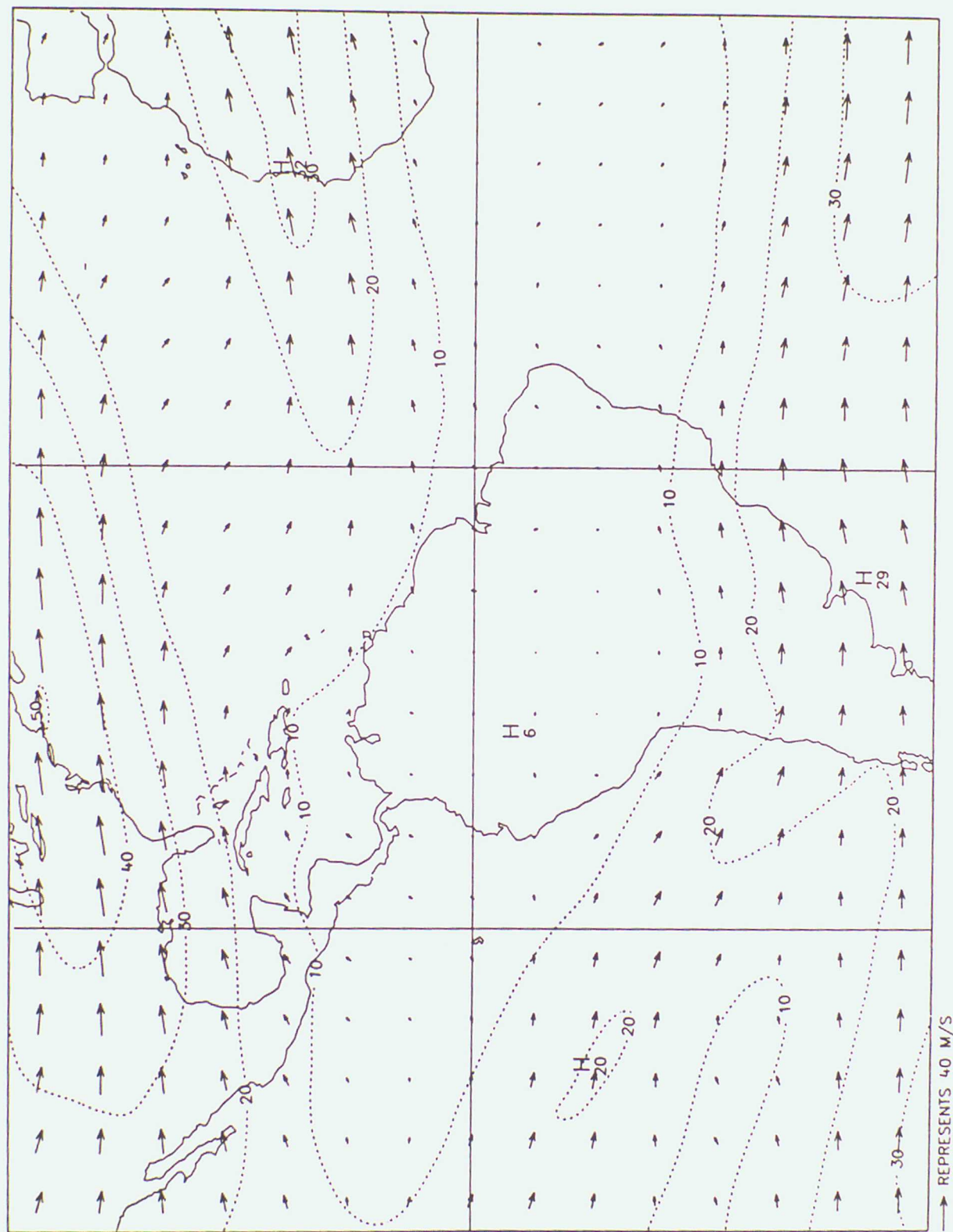
OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 250 MBS.
 BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
850 MBS.
BETWEEN LONGS. 120 W - 0 W

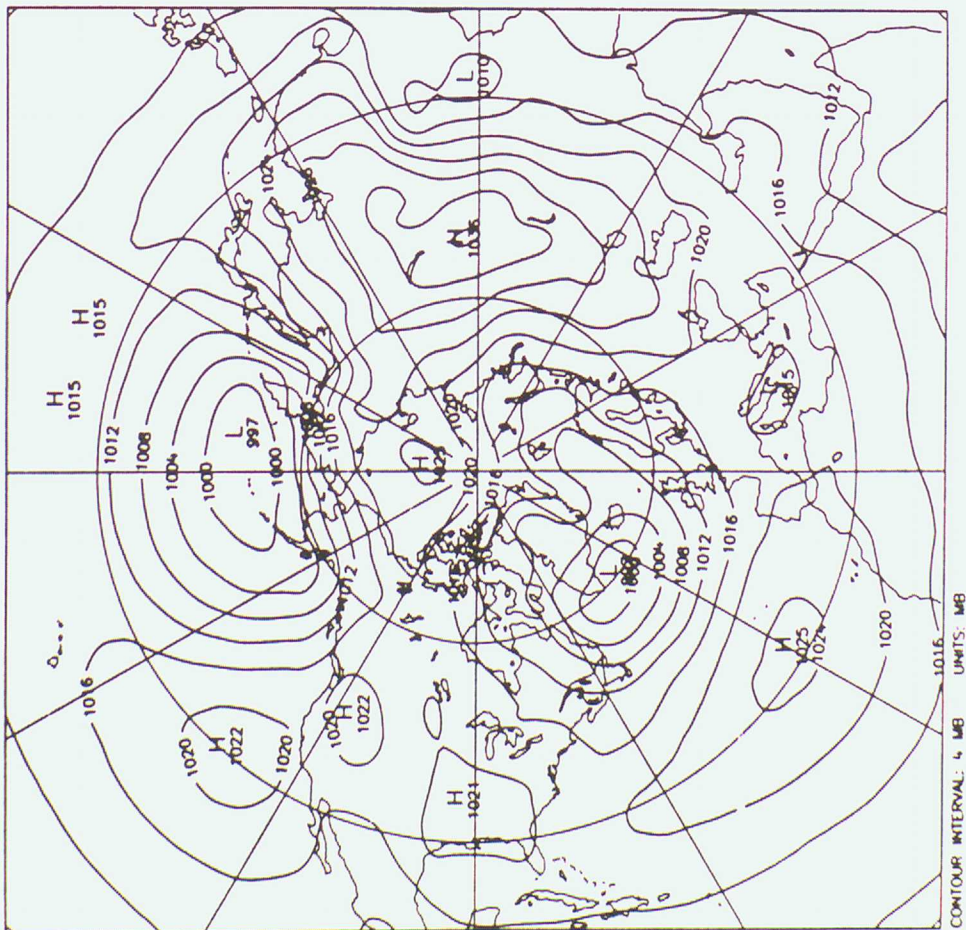


OPERATIONAL ARCHIVE MEANS. DECEMBER CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 31/12/1985 DAY 365
 BETWEEN LONGS. 120 W - 0 W
 250 MBS.

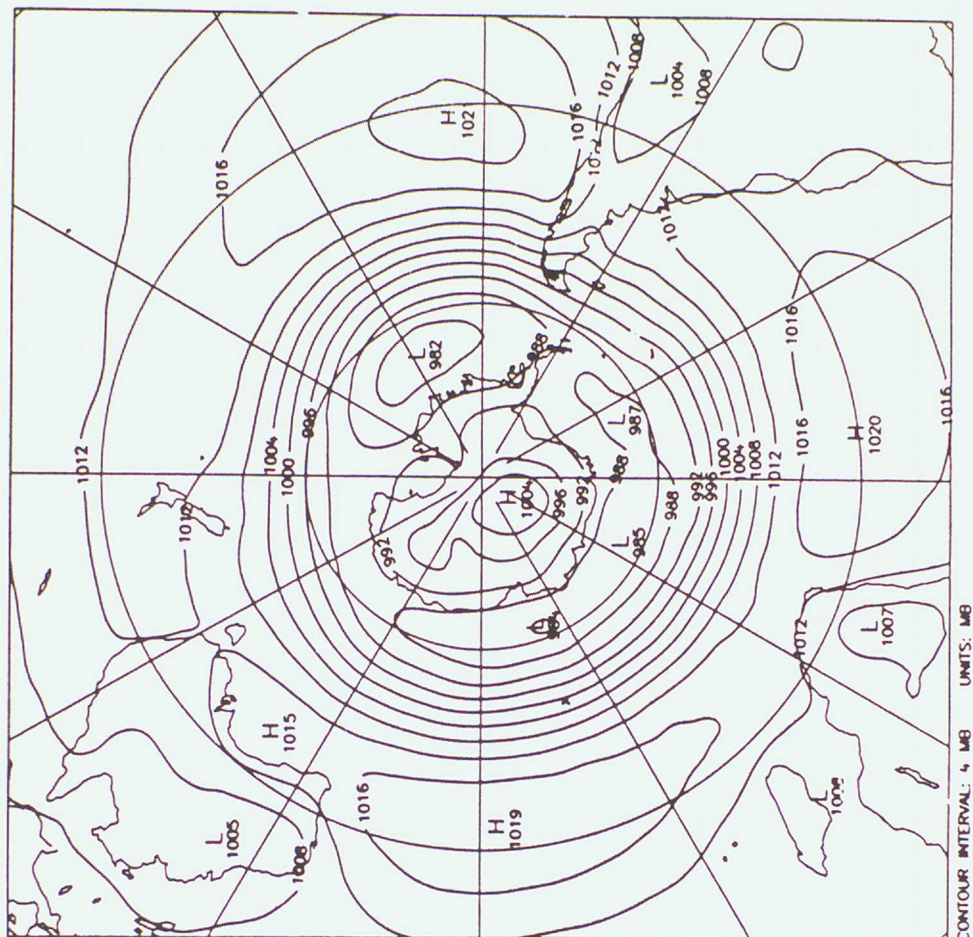


DECEMBER/JANUARY/FEBRUARY

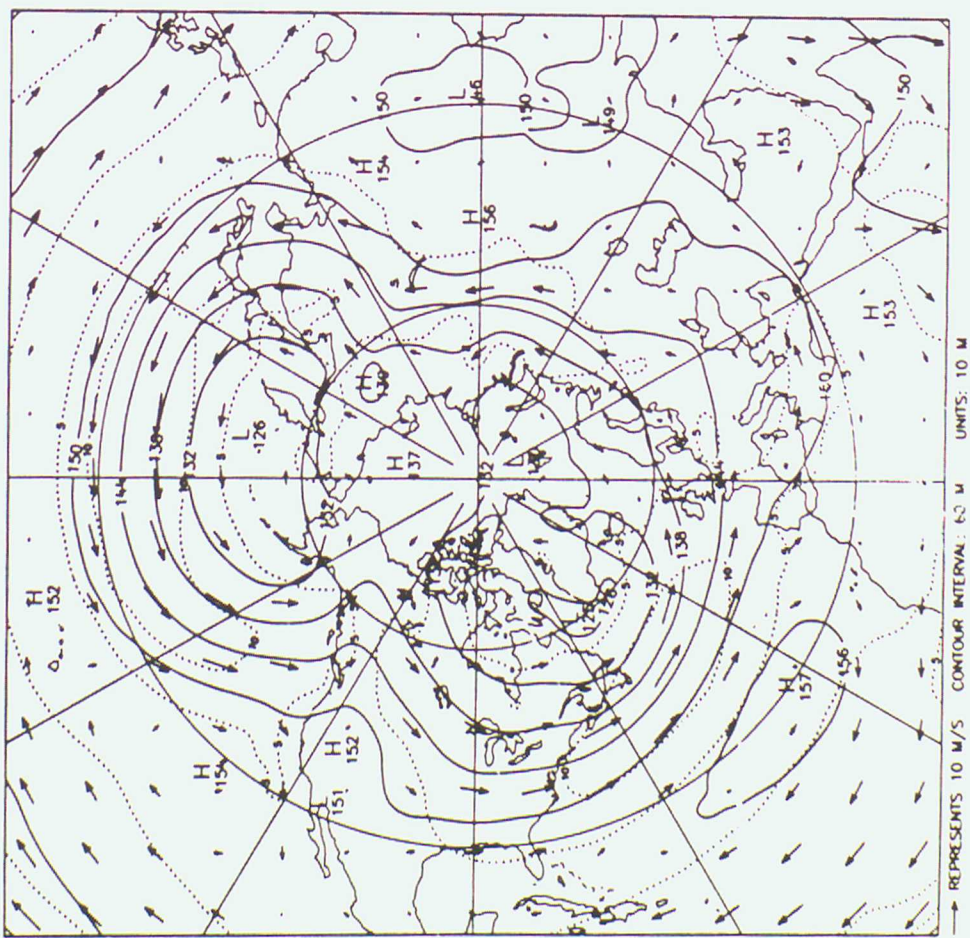
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
SEA LEVEL



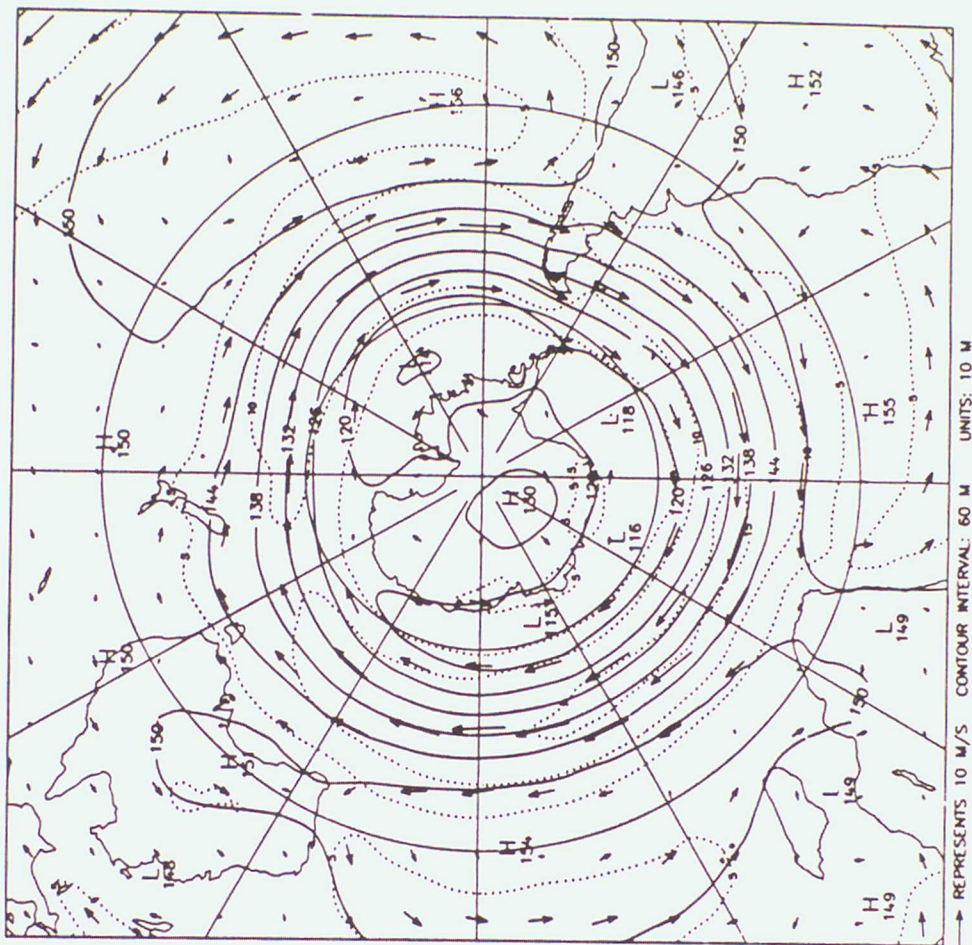
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
SEA LEVEL



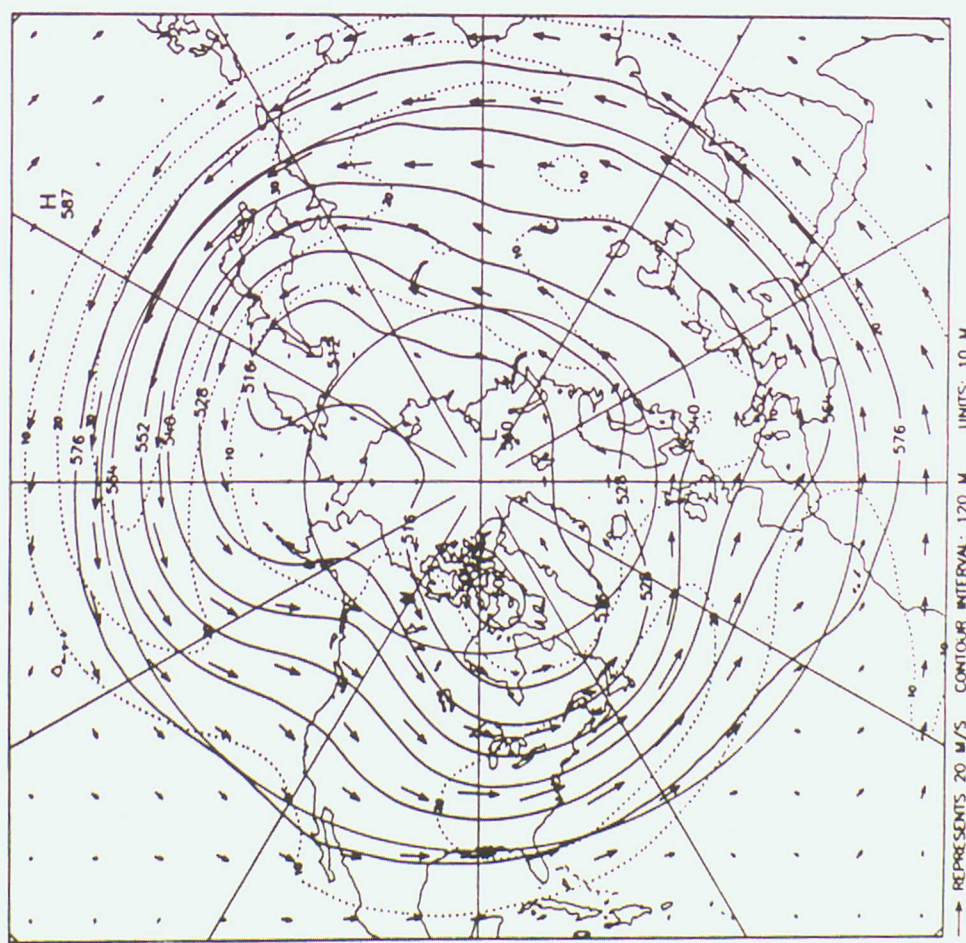
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 LEVEL: 850 MB



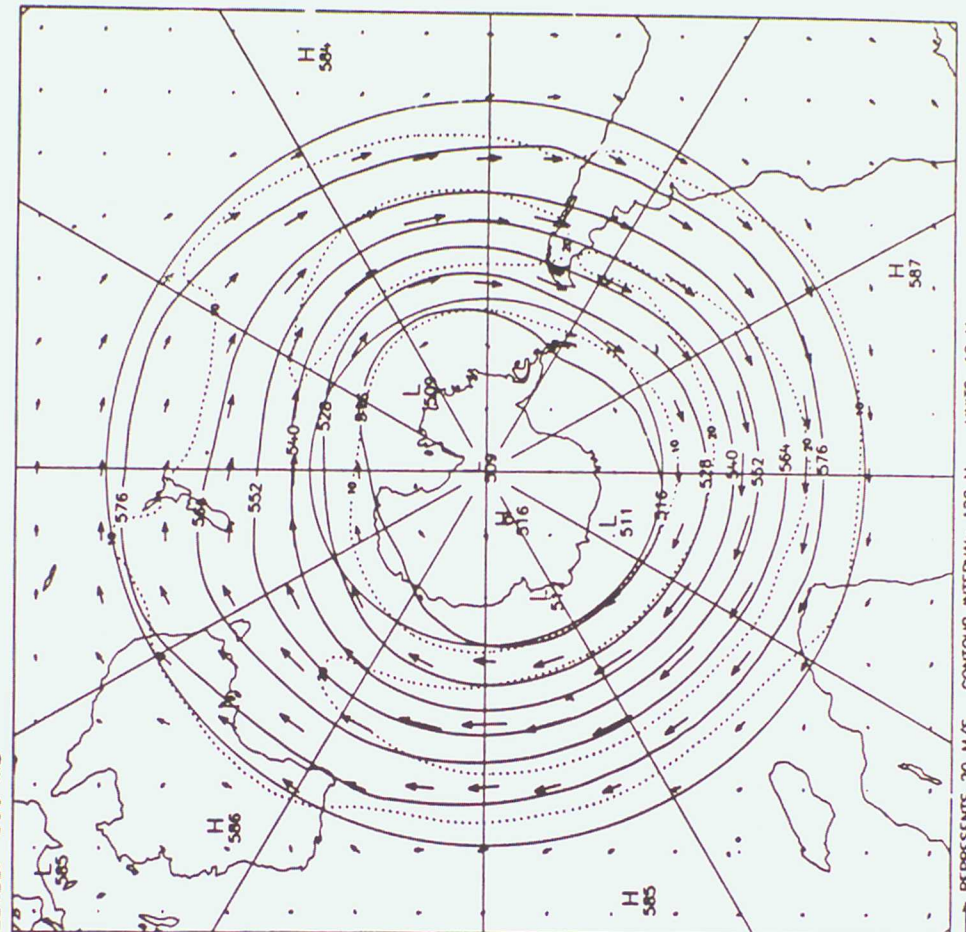
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 LEVEL: 850 MB



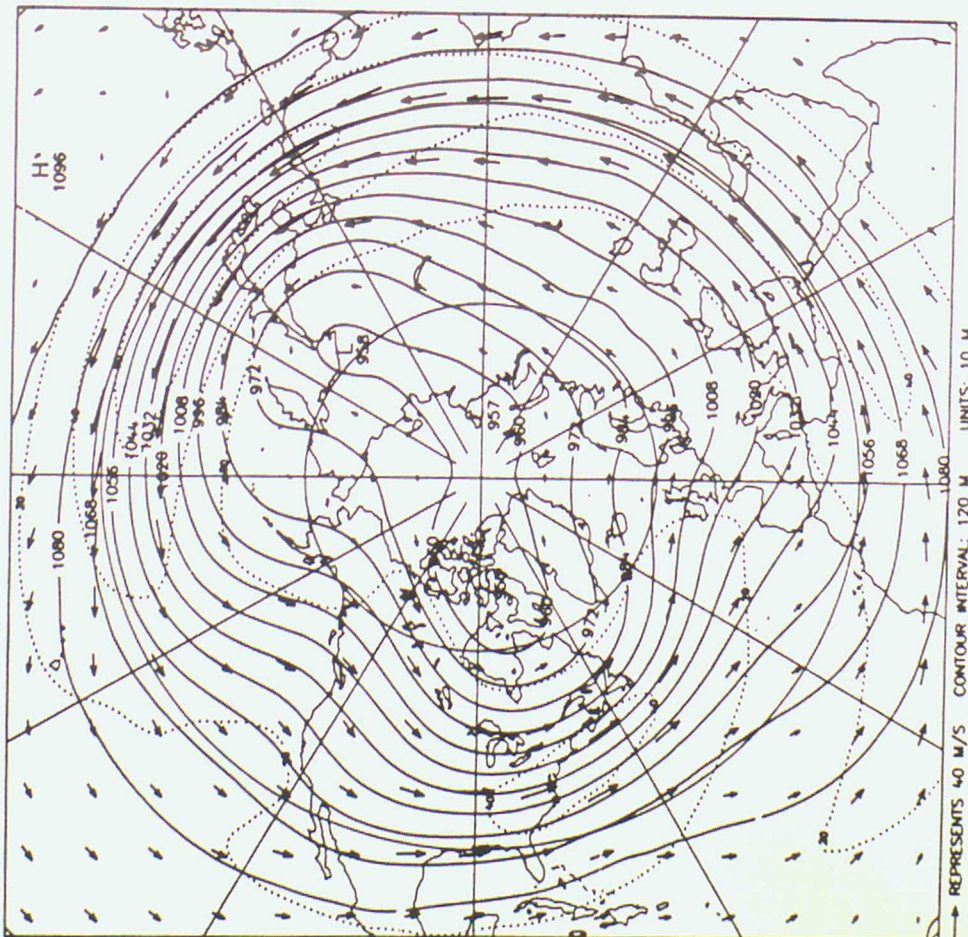
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 LEVEL: 500 MB



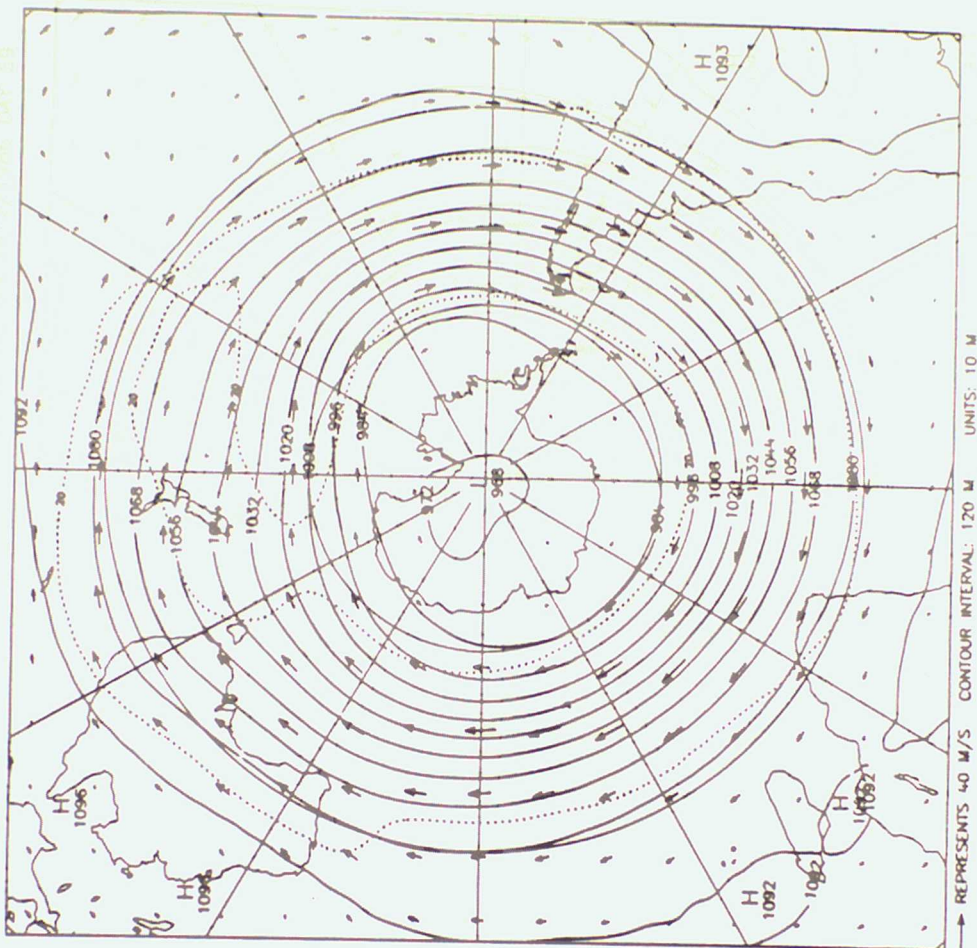
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 LEVEL: 500 MB



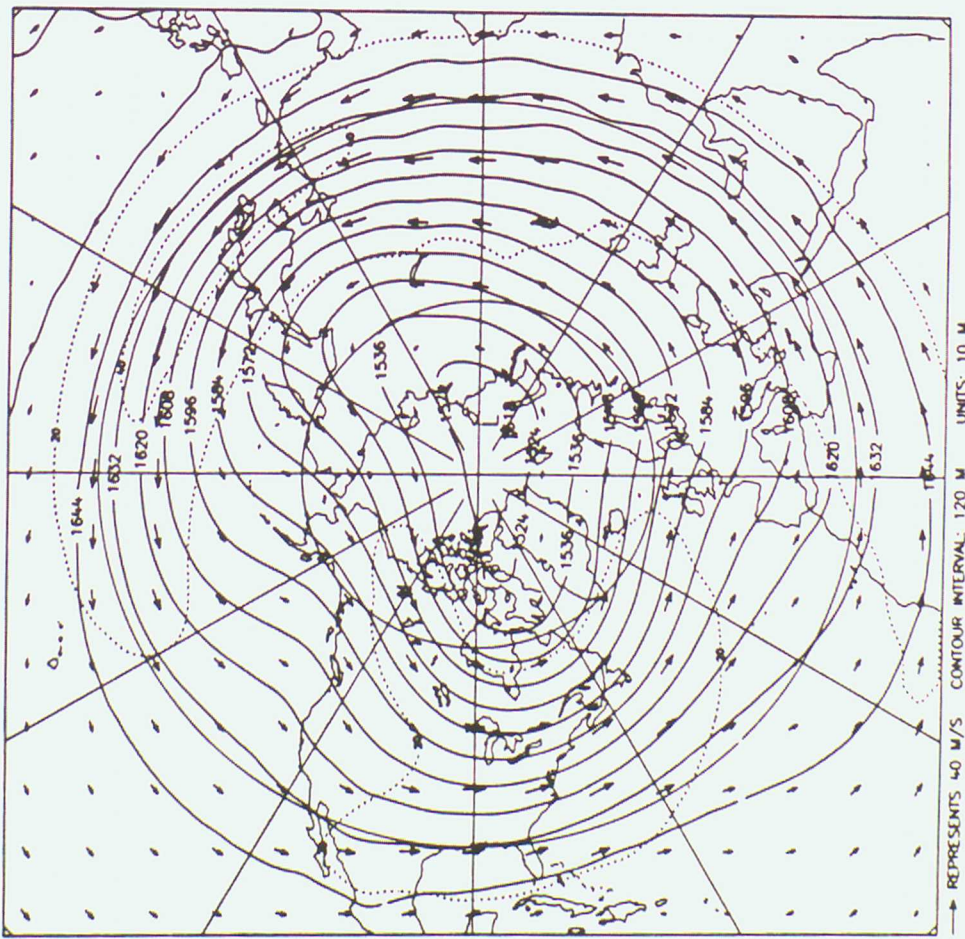
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 LEVEL: 250 MB



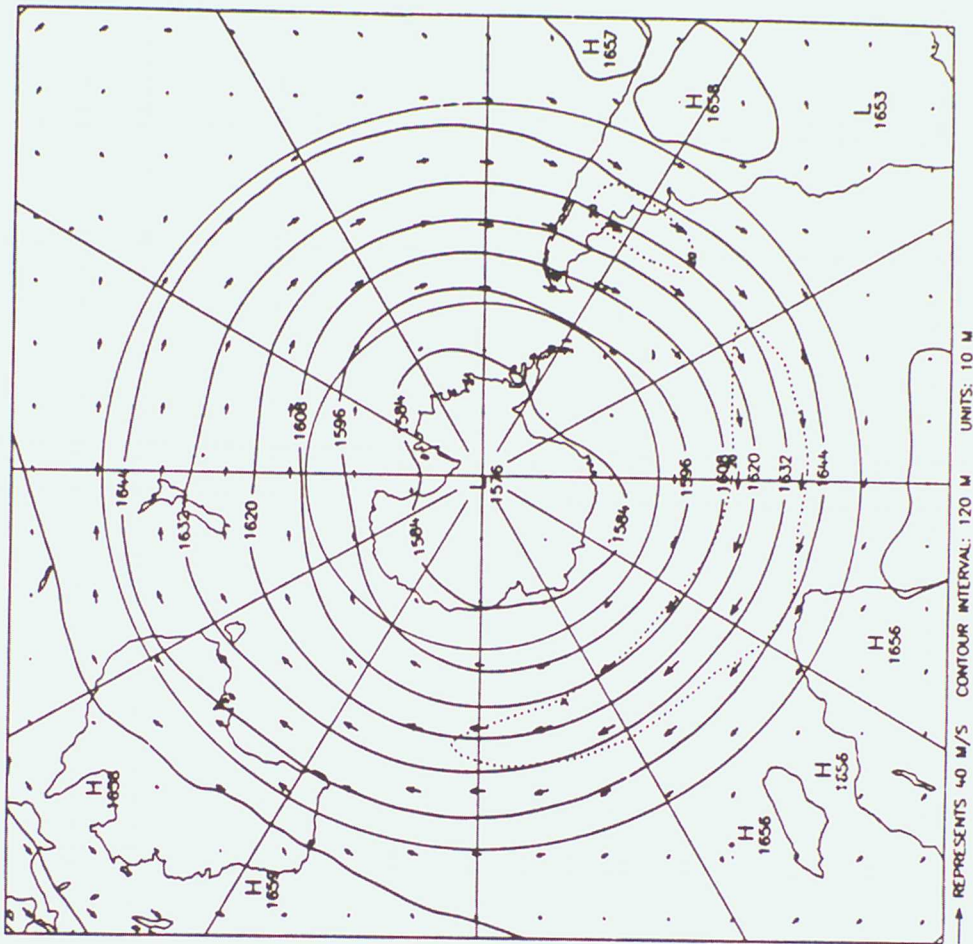
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 LEVEL: 250 MB



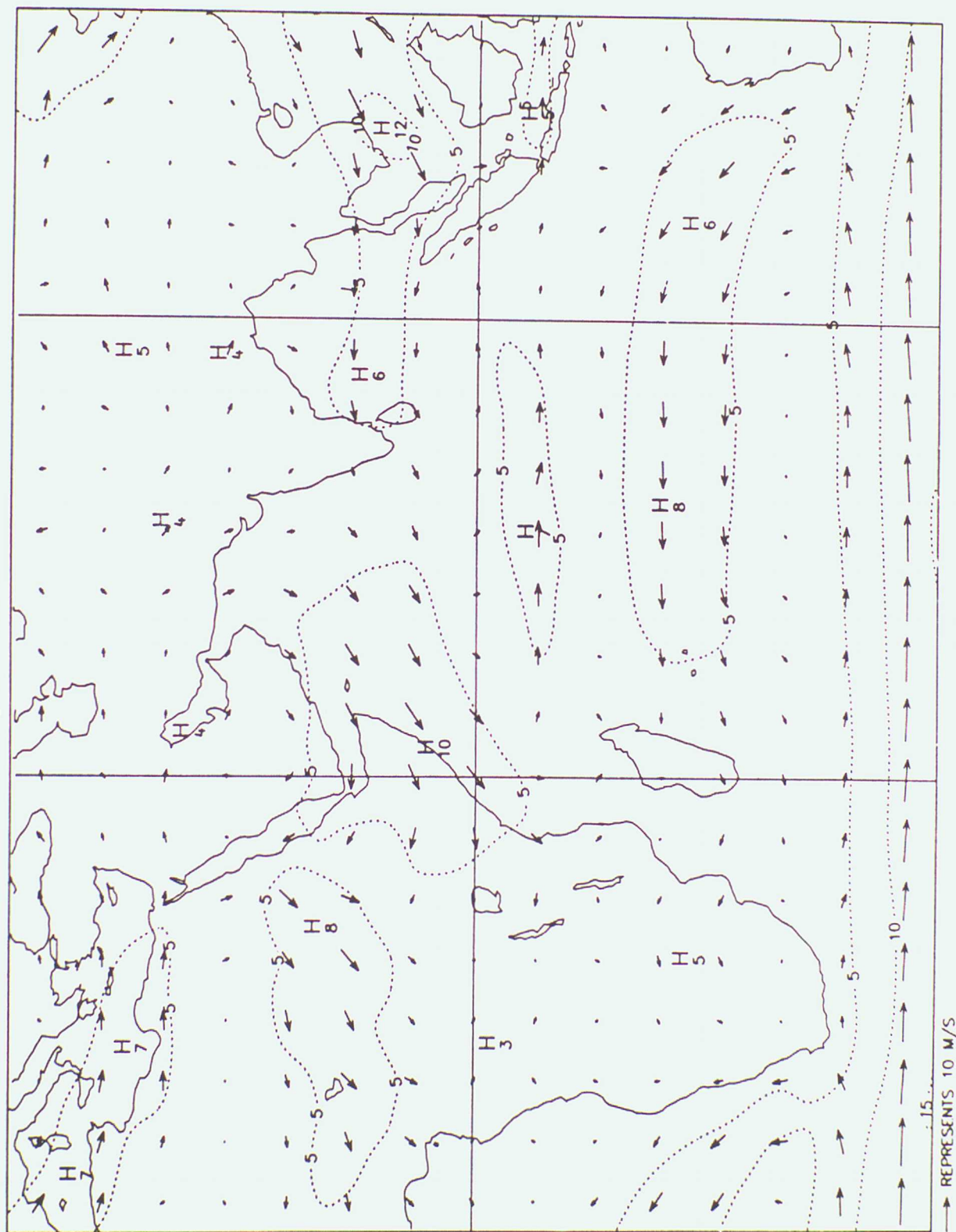
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 LEVEL: 100 MB



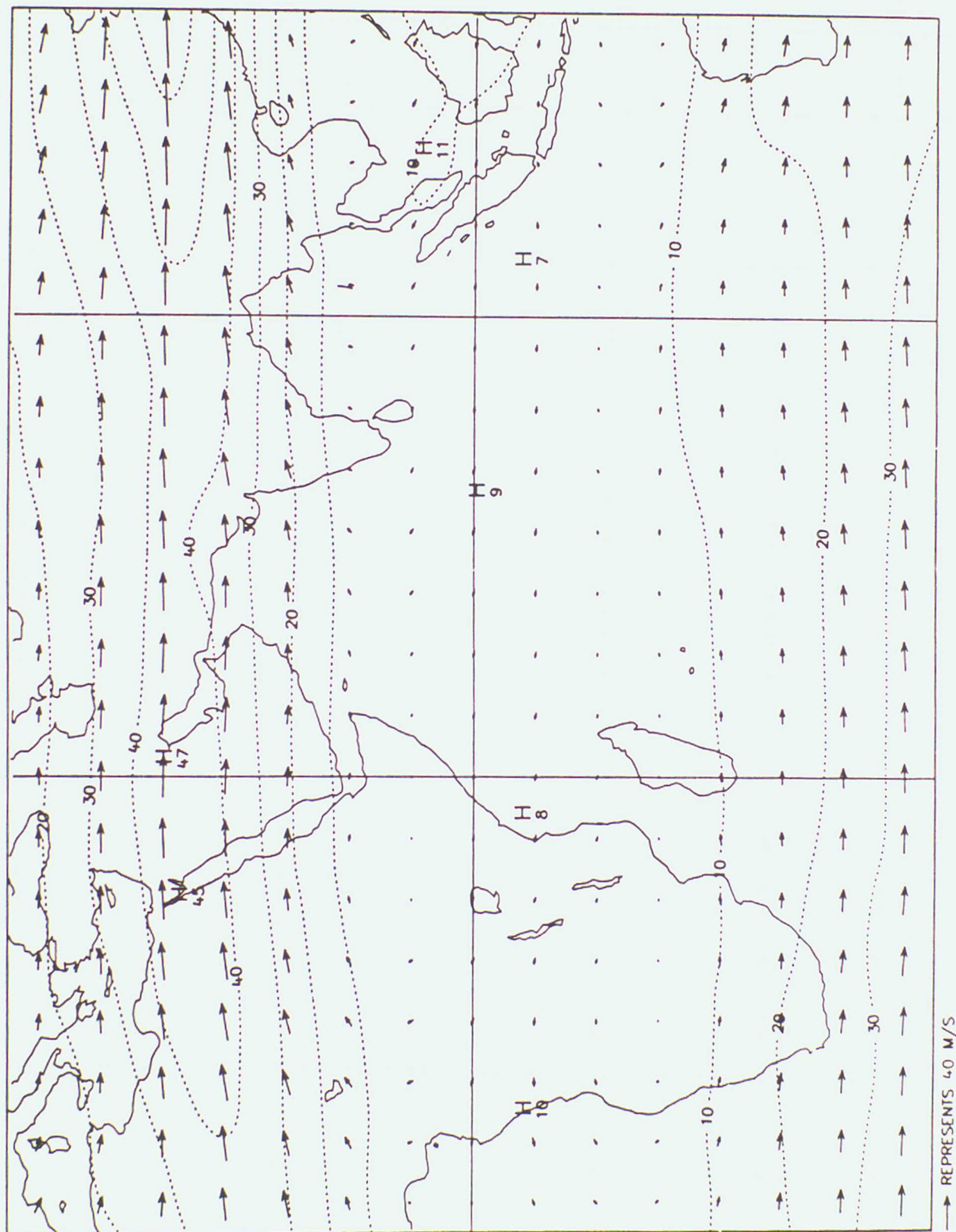
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 LEVEL: 100 MB



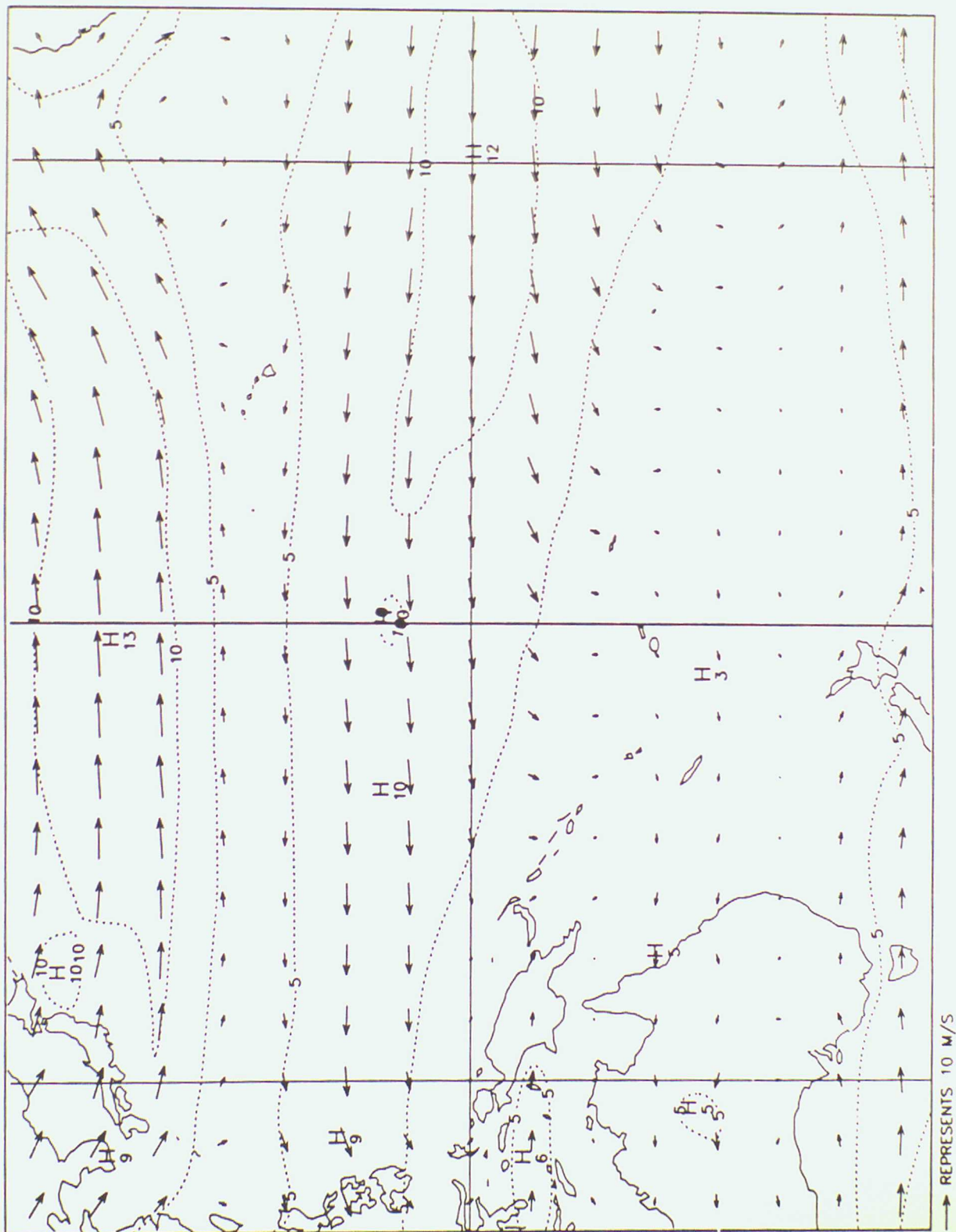
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45°N - 45°S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 850 MBS. BETWEEN LONGS. 0°E - 120°E



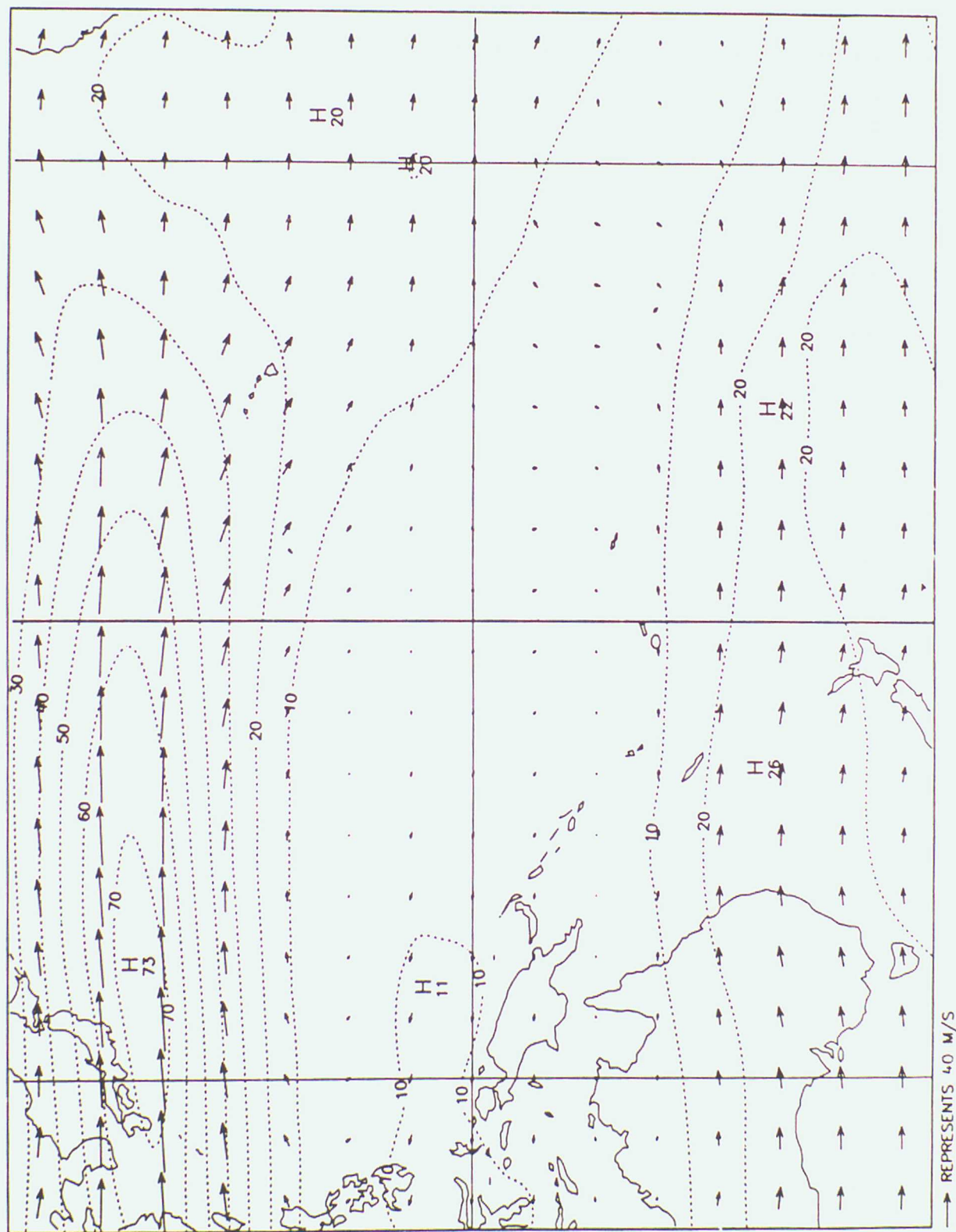
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 250 MBS. BETWEEN LONGS. 0 E - 120 E



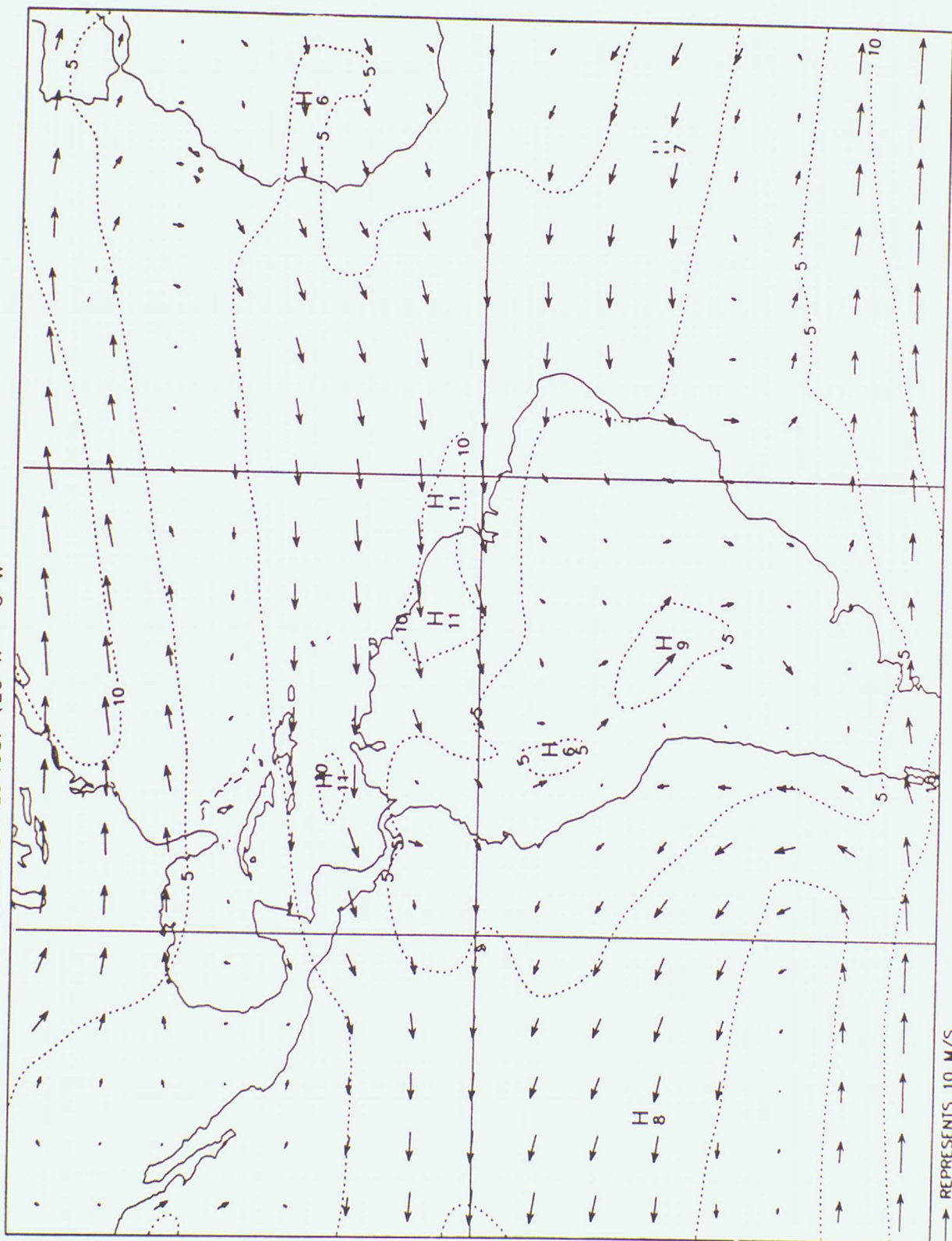
OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 250 MBS.
 BETWEEN LONGS. 120 E - 120 W

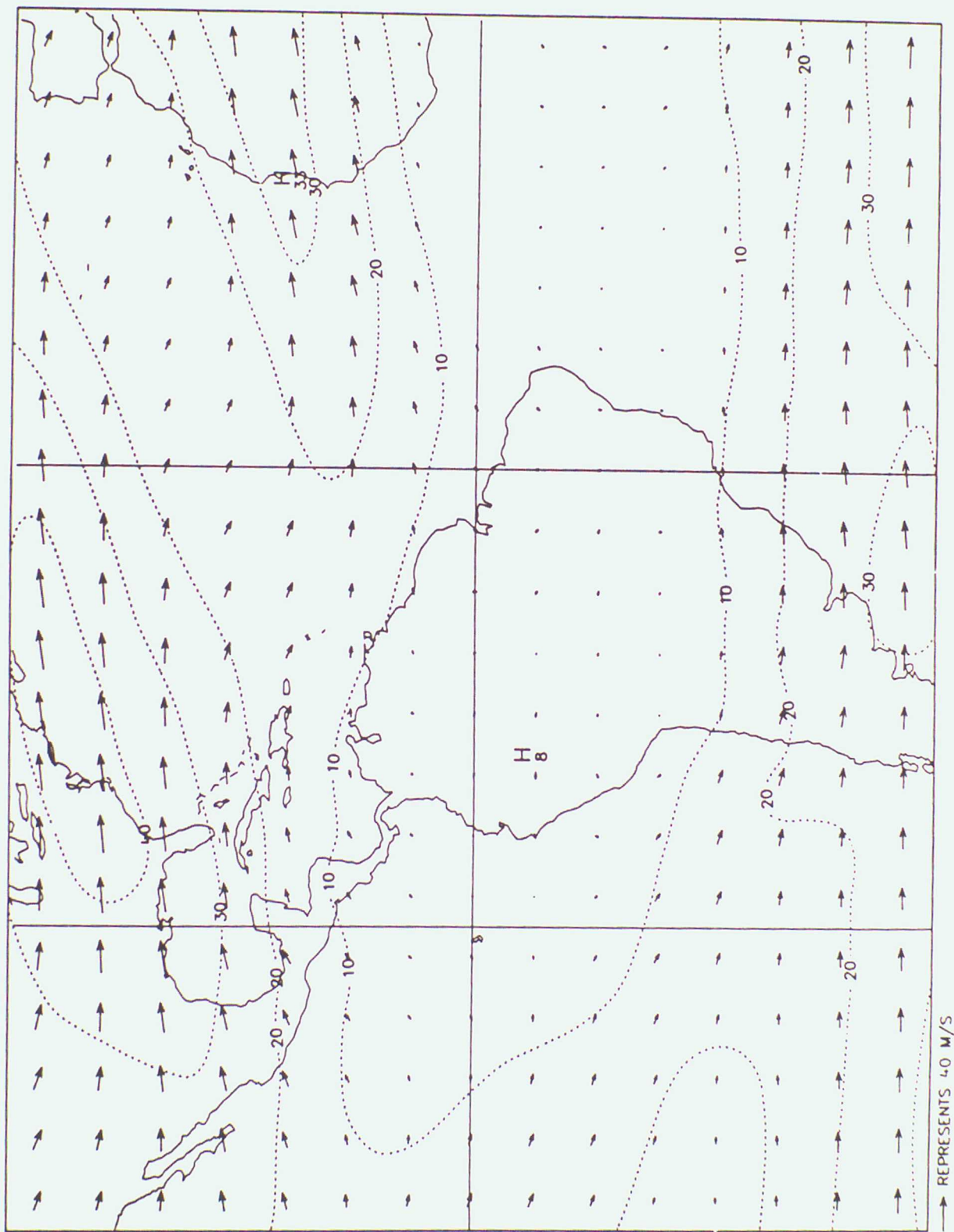


OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W



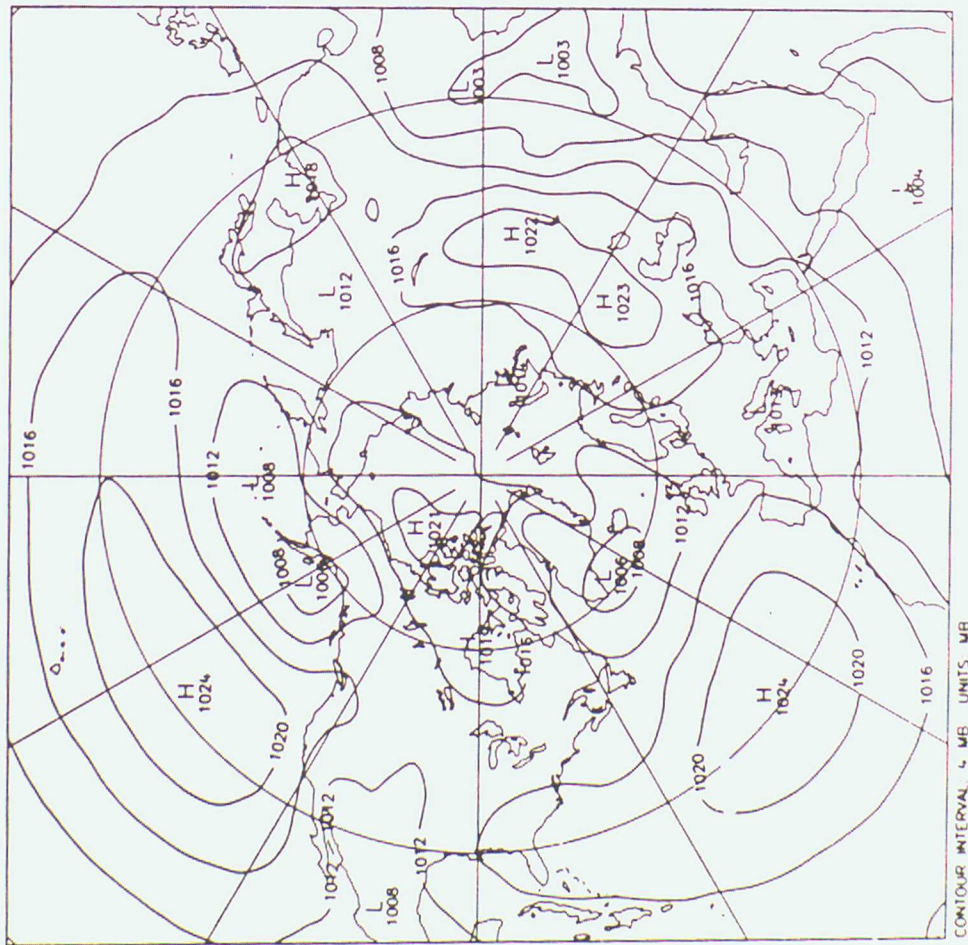
→ REPRESENTS 10 M/S

OPERATIONAL ARCHIVE MEANS. DEC/JAN/FEB CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/12/1983 DAY 335 TO 12Z ON 28/2/1986 DAY 59
 250 MBS.
 BETWEEN LONGS. 120 W - 0 W



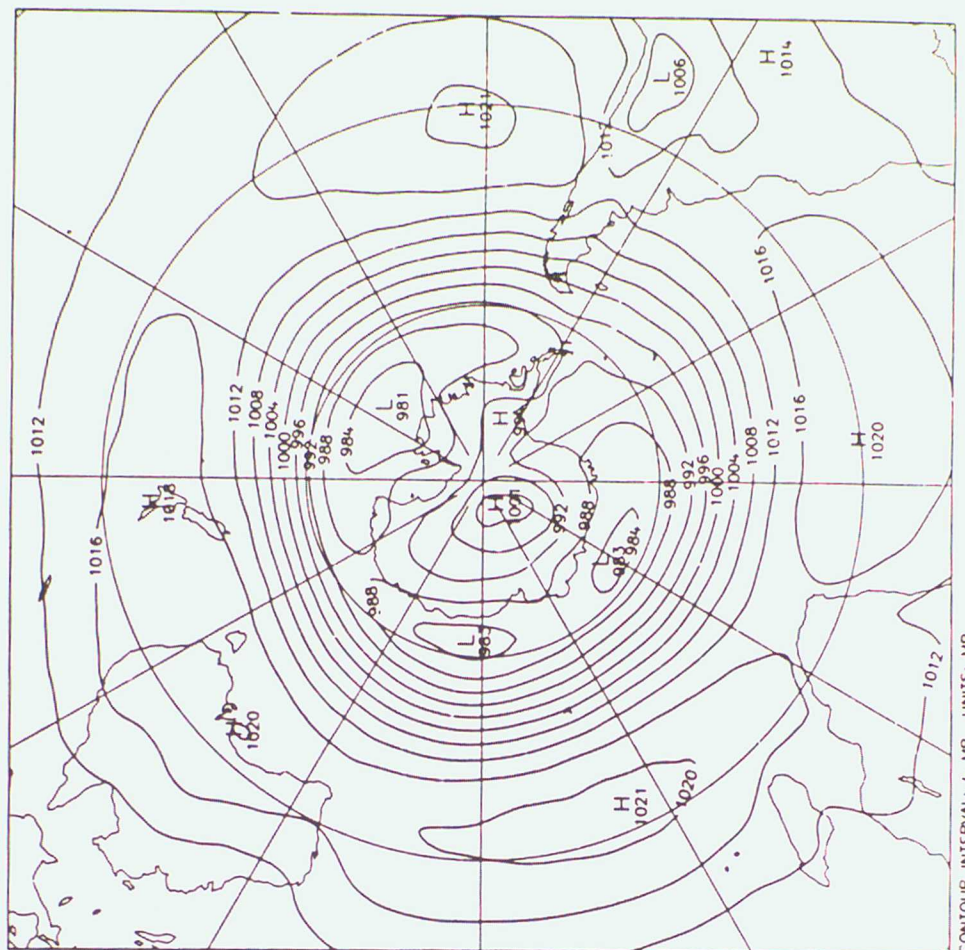
MARCH/APRIL/MAY

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
SEA LEVEL



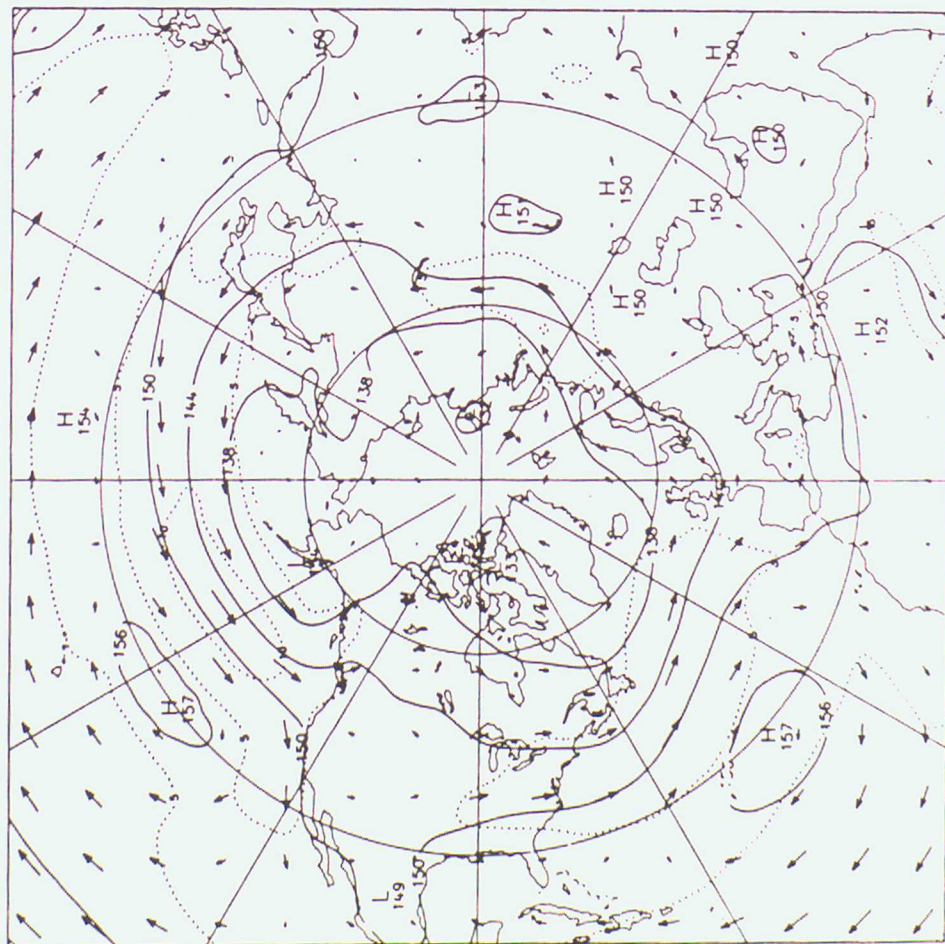
CONTOUR INTERVAL: 4 MB UNITS: MB

OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
PMSL
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
SEA LEVEL

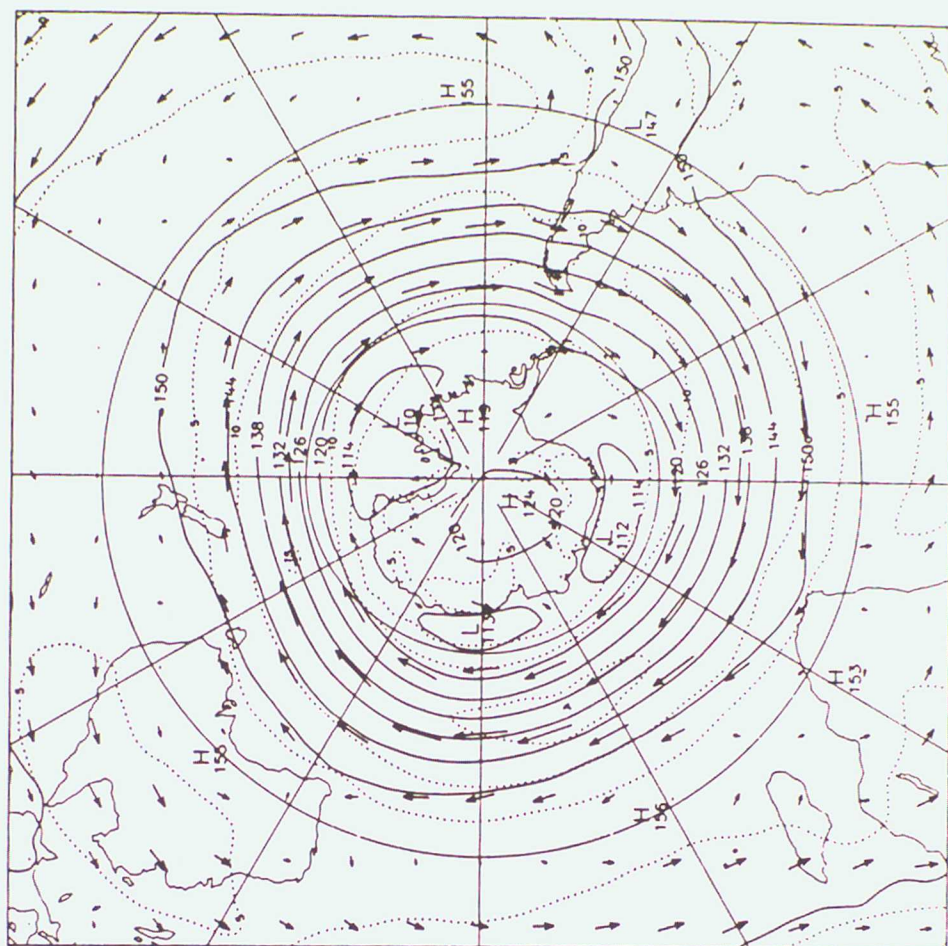


CONTOUR INTERVAL: 4 MB UNITS: MB

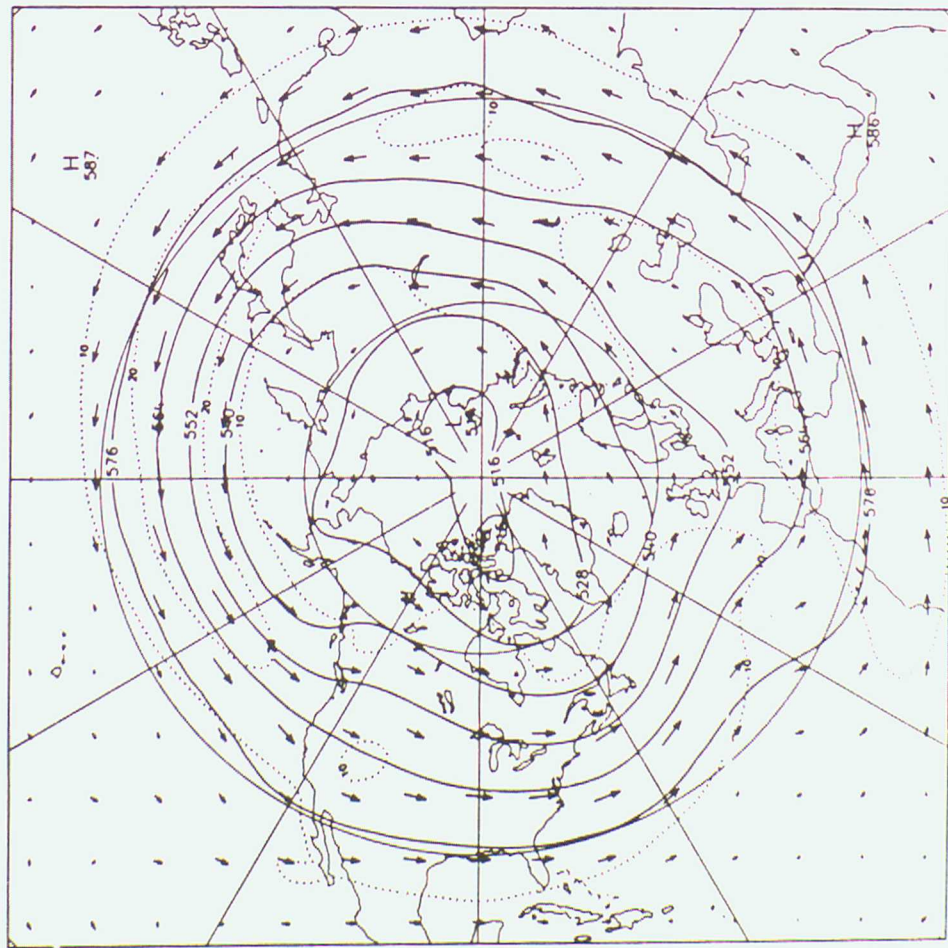
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 850 MB



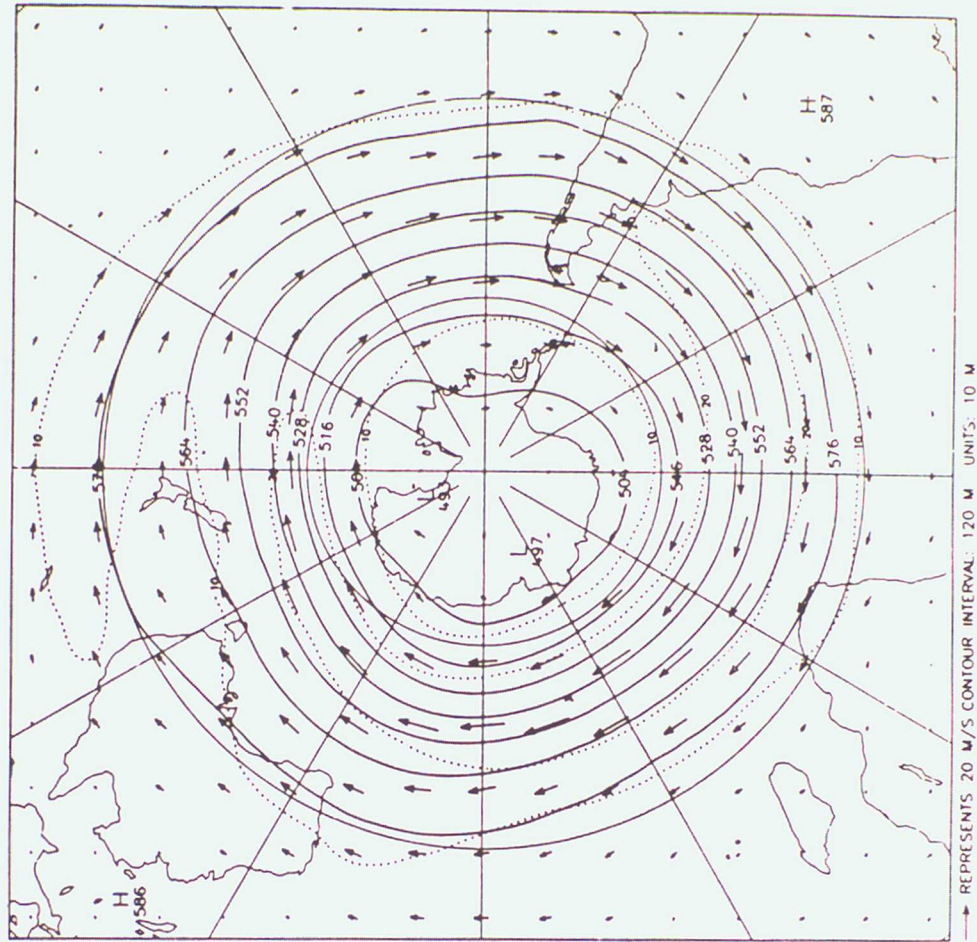
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 850 MB



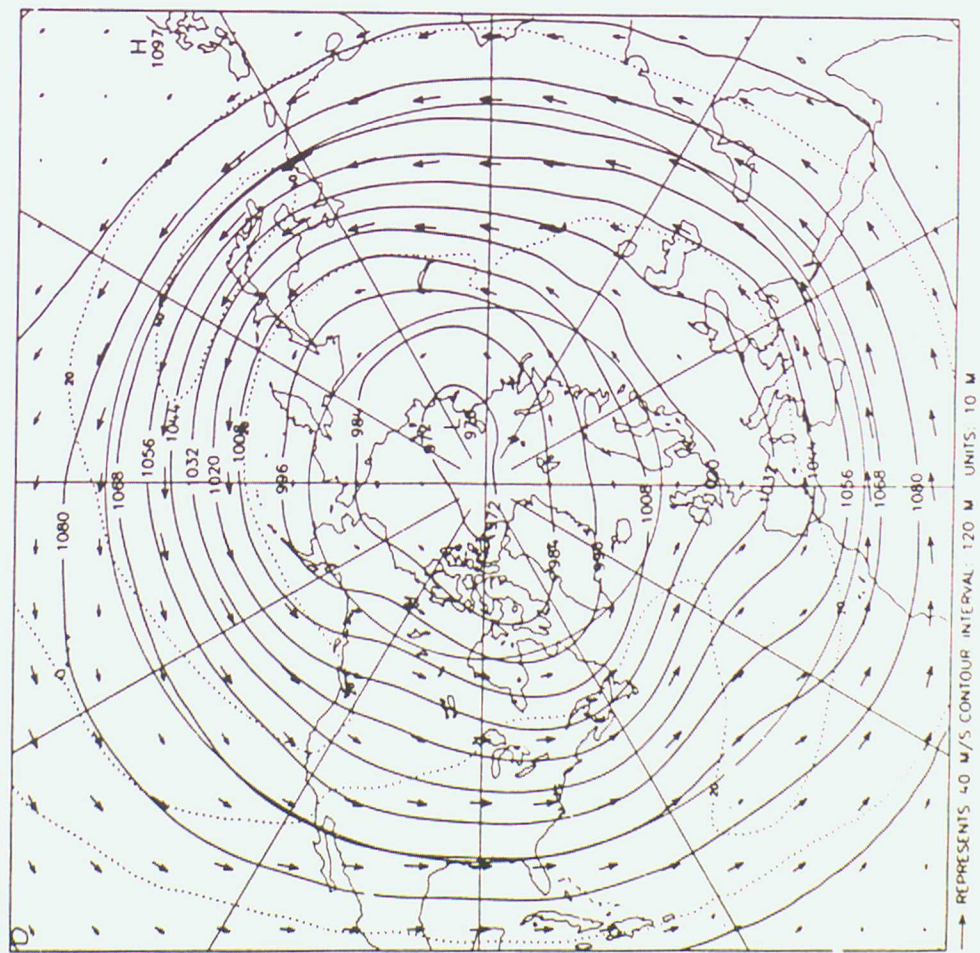
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 500 MB



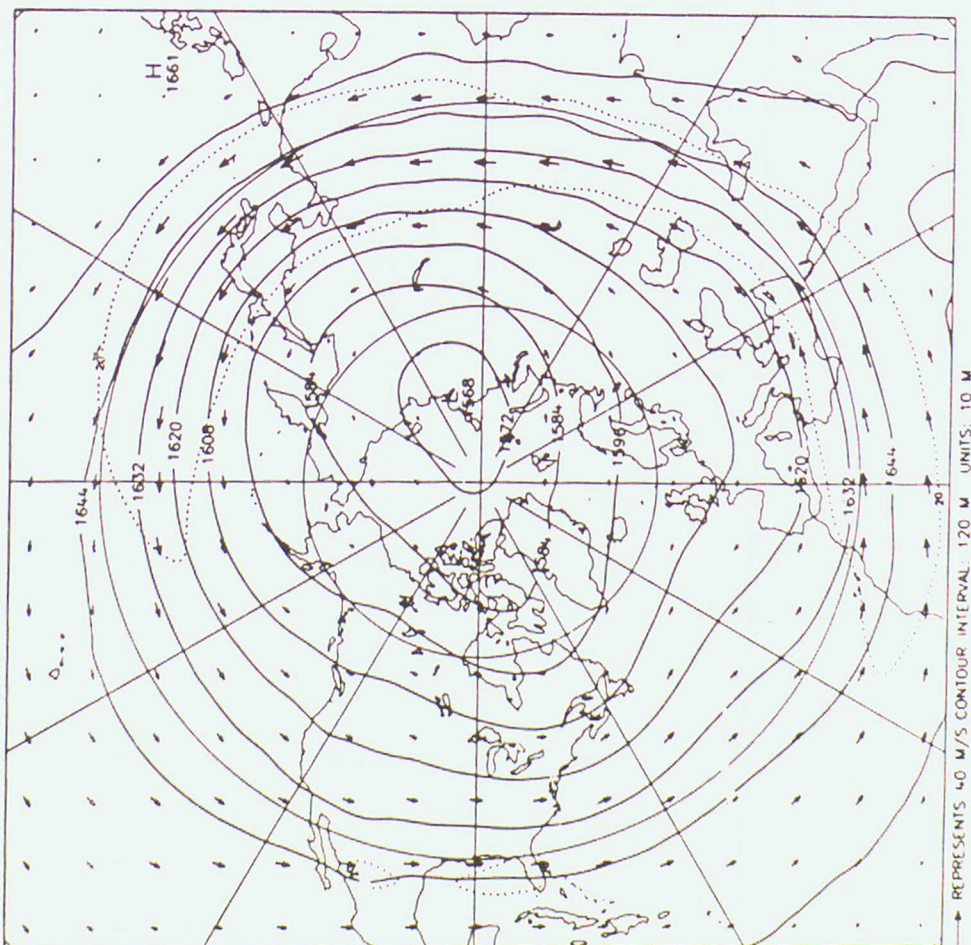
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 500 MB



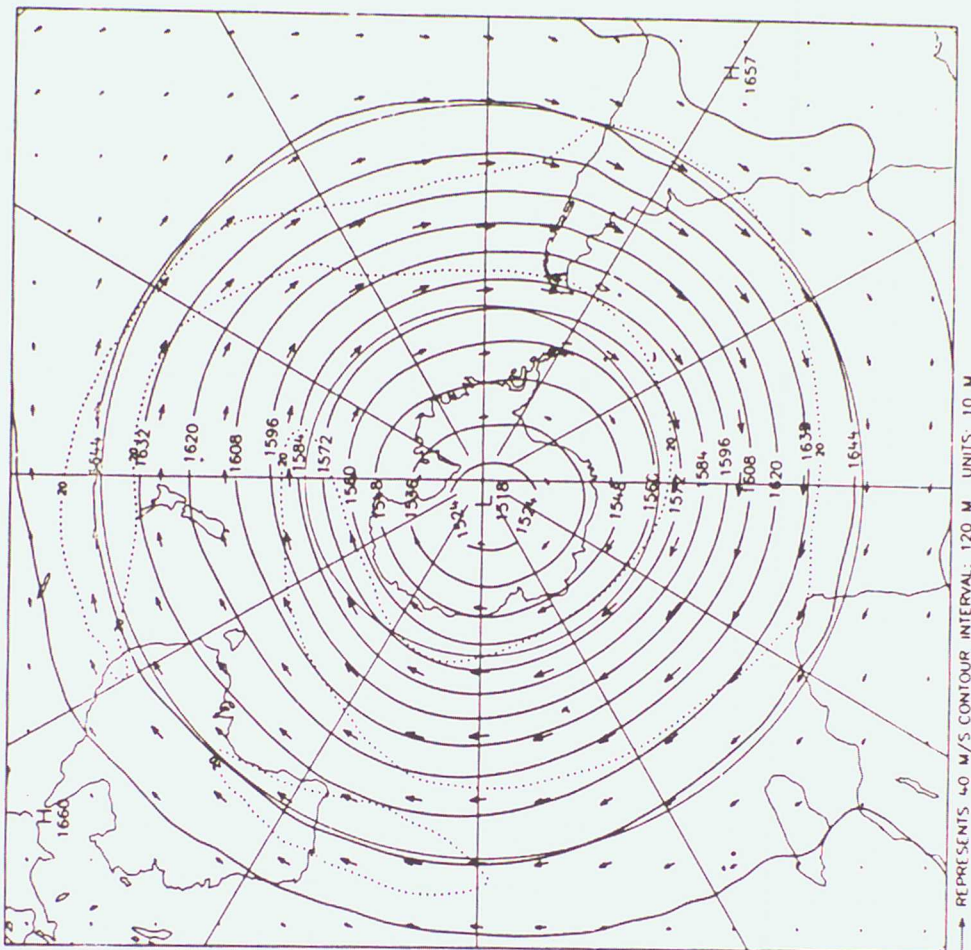
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 250 MB



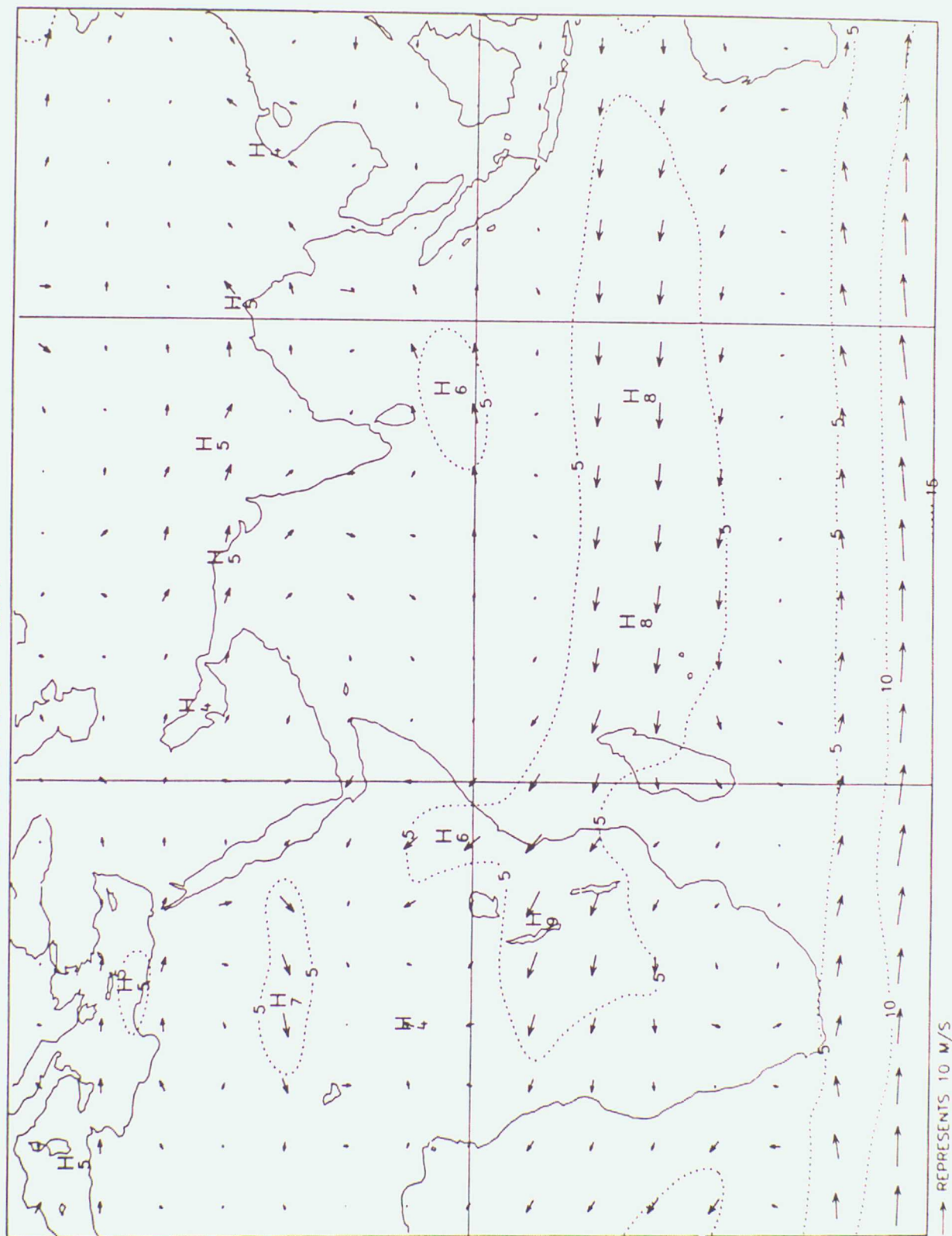
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 100 MB



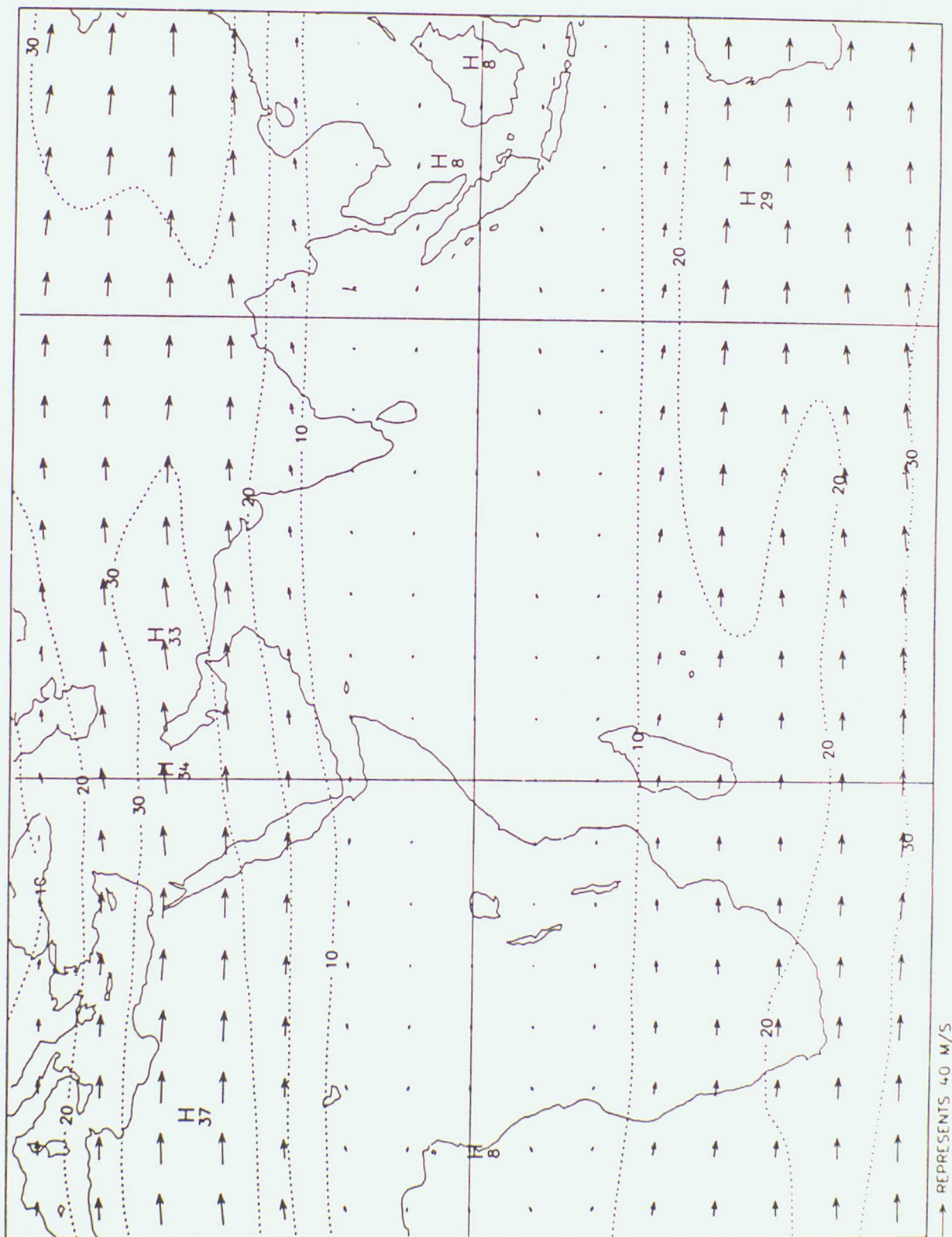
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 LEVEL: 100 MB



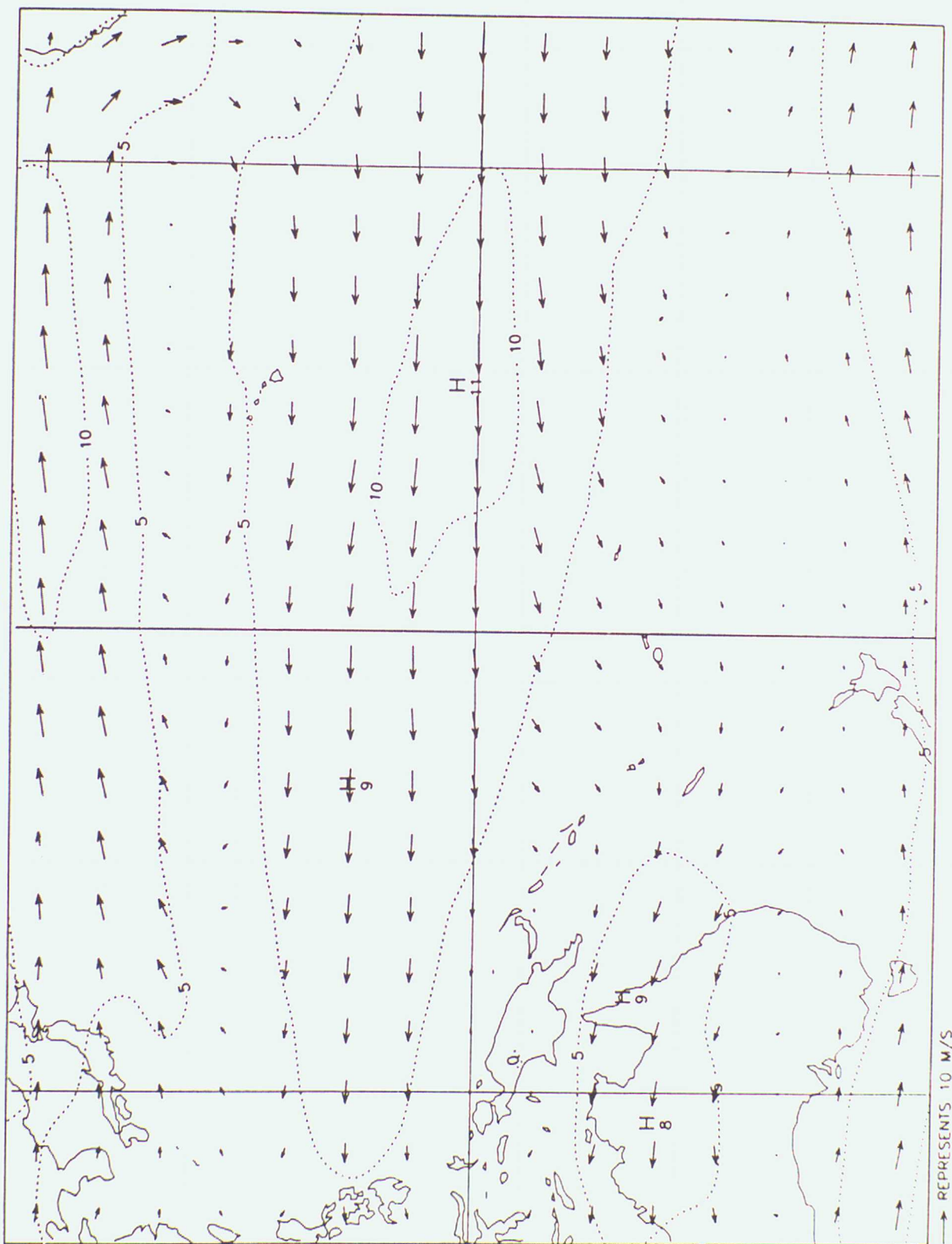
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
850 MBS.
BETWEEN LONGS. 0 E - 120 E



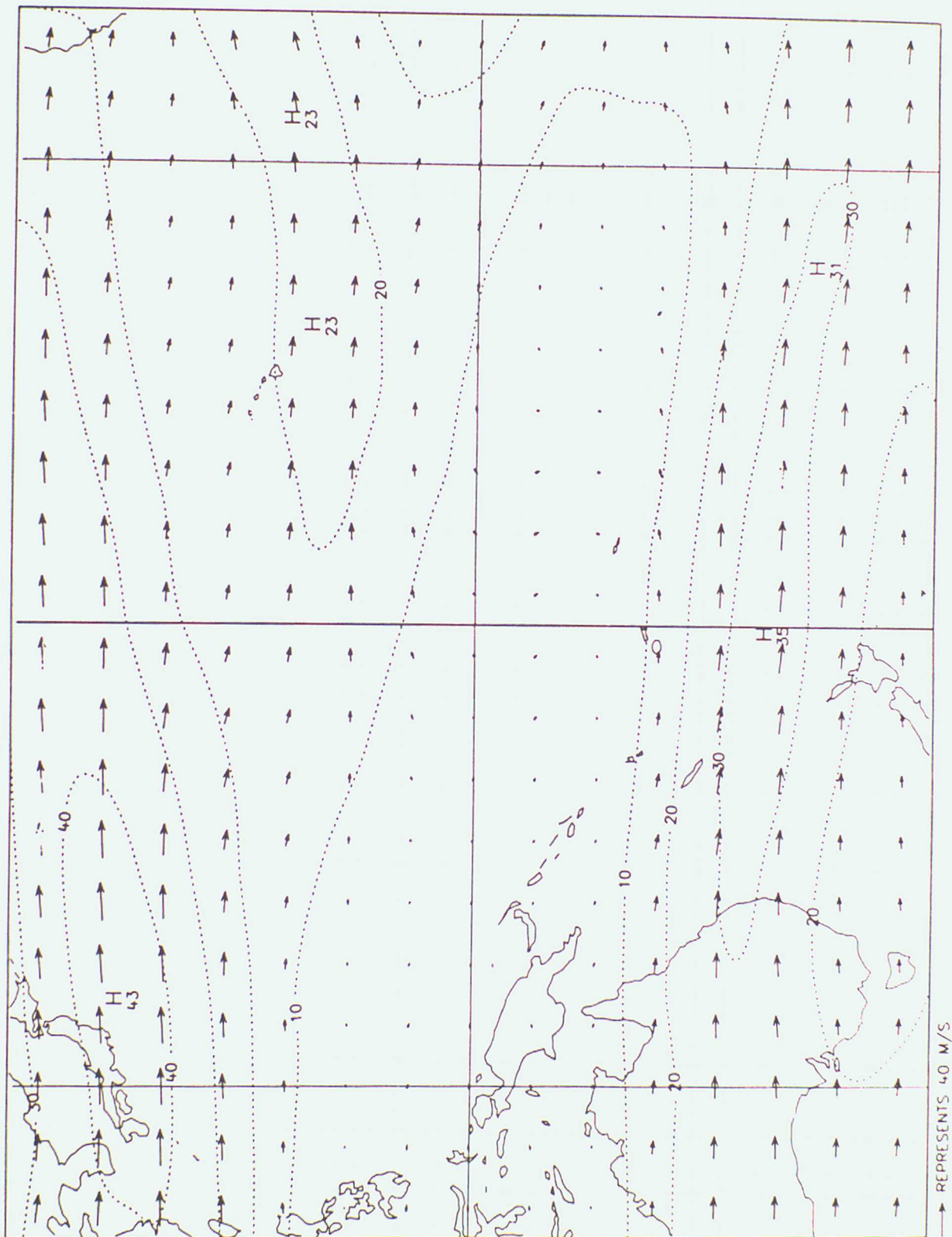
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 250 MBS.
 BETWEEN LONGS. 0 E - 120 E



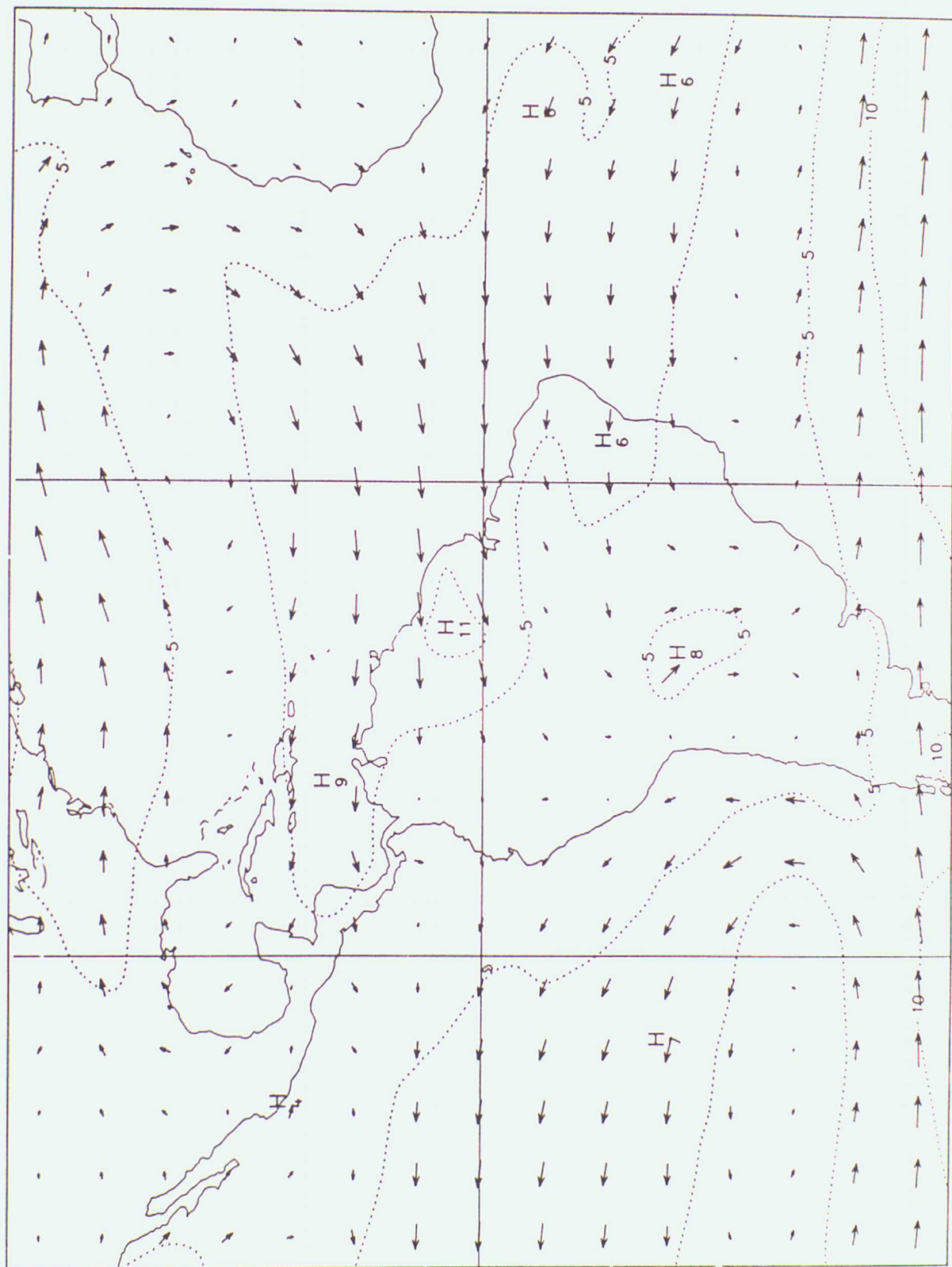
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATs. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 250 MBS. BETWEEN LONGS. 120 E - 120 W

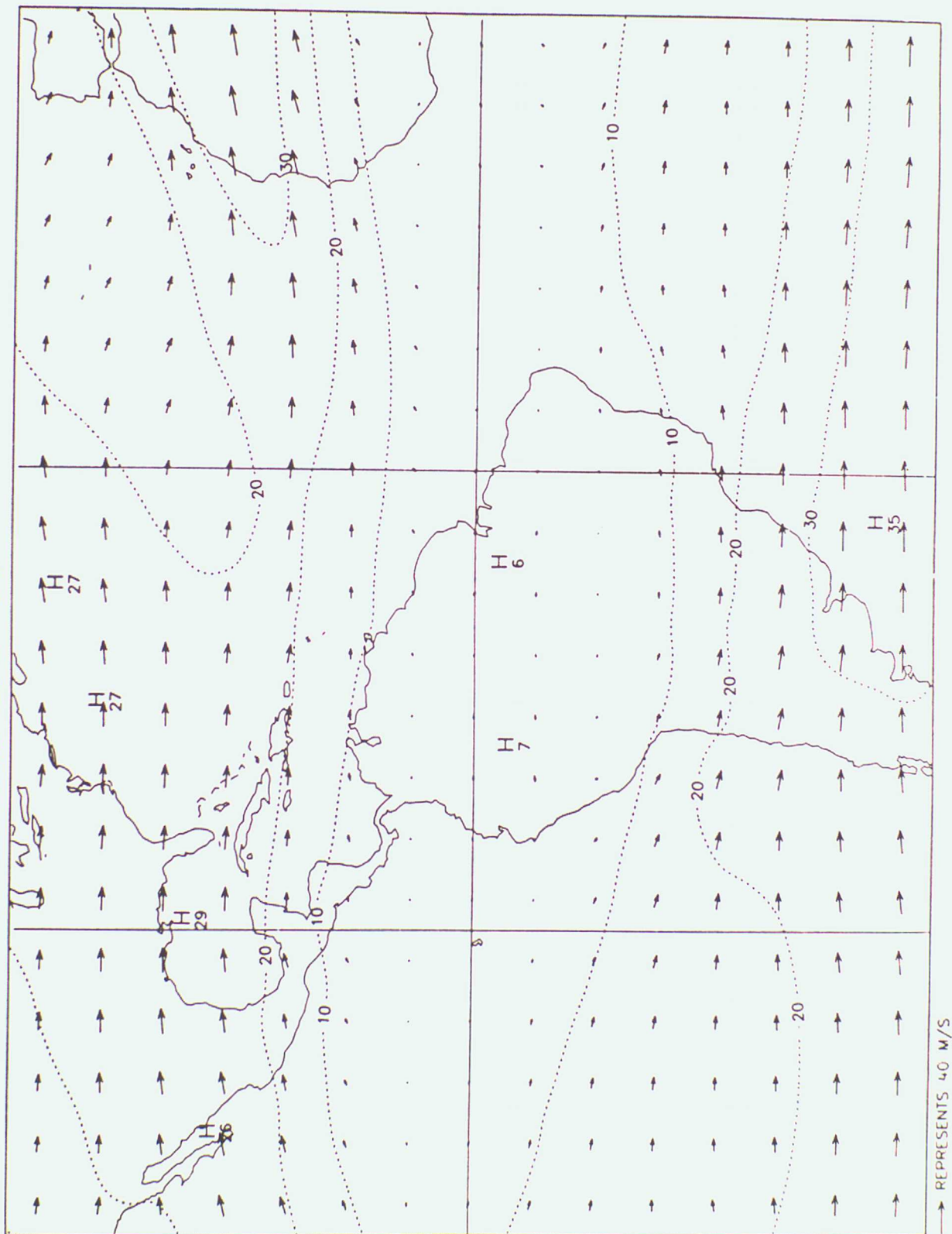


OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
BETWEEN LONGS. 120 W - 0 W
850 MBS.



→ REPRESENTS 10 M/S

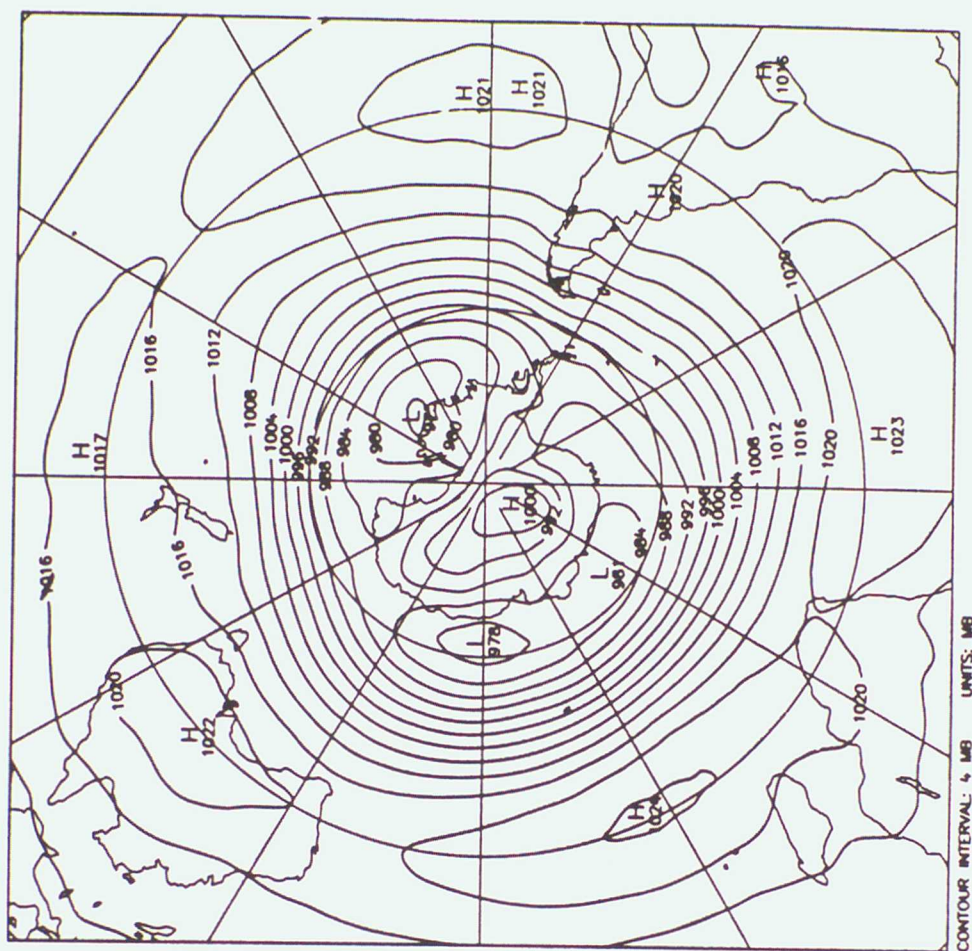
OPERATIONAL ARCHIVE MEANS. MAR/APR/MAY CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/3/1984 DAY 61 TO 12Z ON 31/5/1986 DAY 151
 250 MBS.
 BETWEEN LONGS. 120 W - 0 W



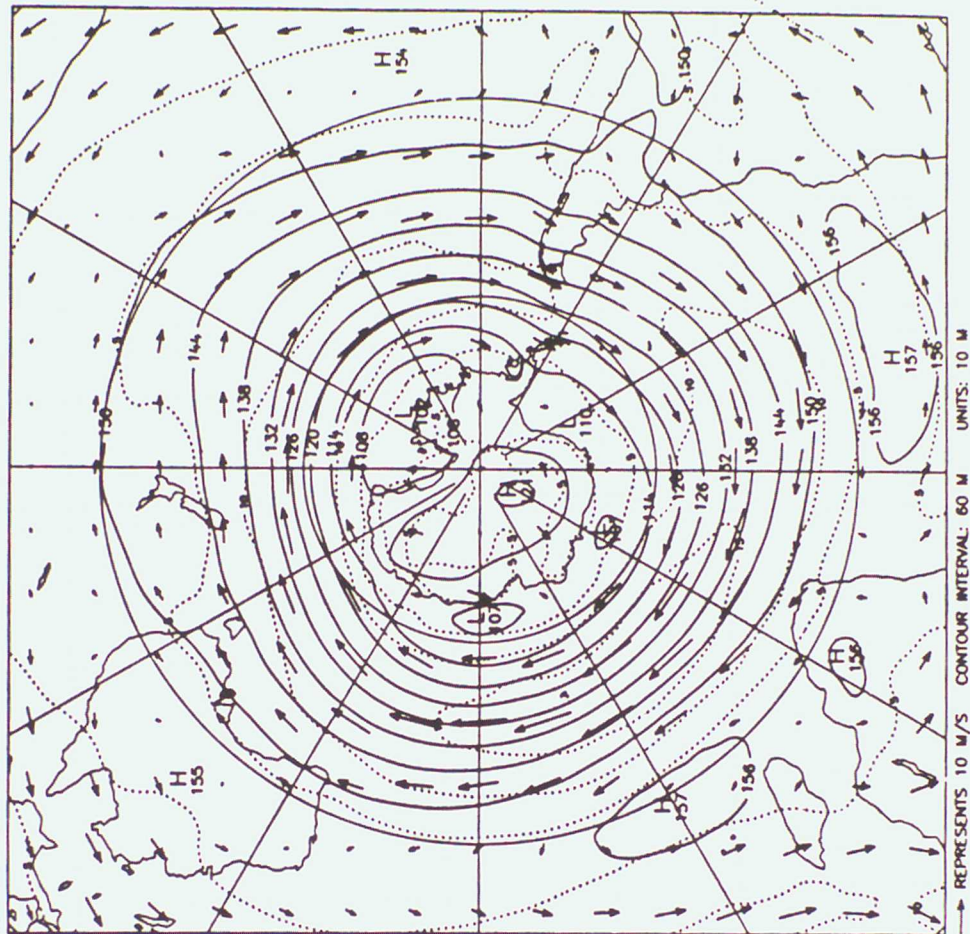
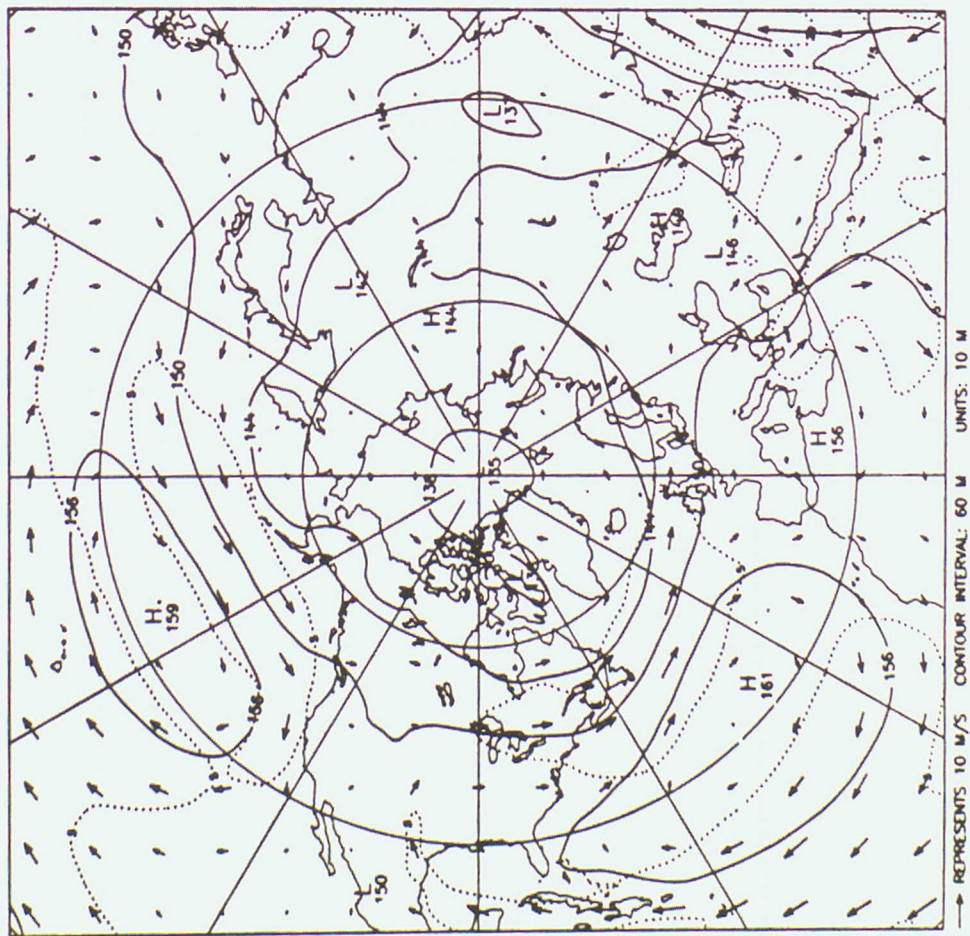
JUNE/JULY/AUGUST

OPERATIONAL ARCHIVE MEANS.
JUN/JUL/AUG CLIMATOLOGY
PMSL

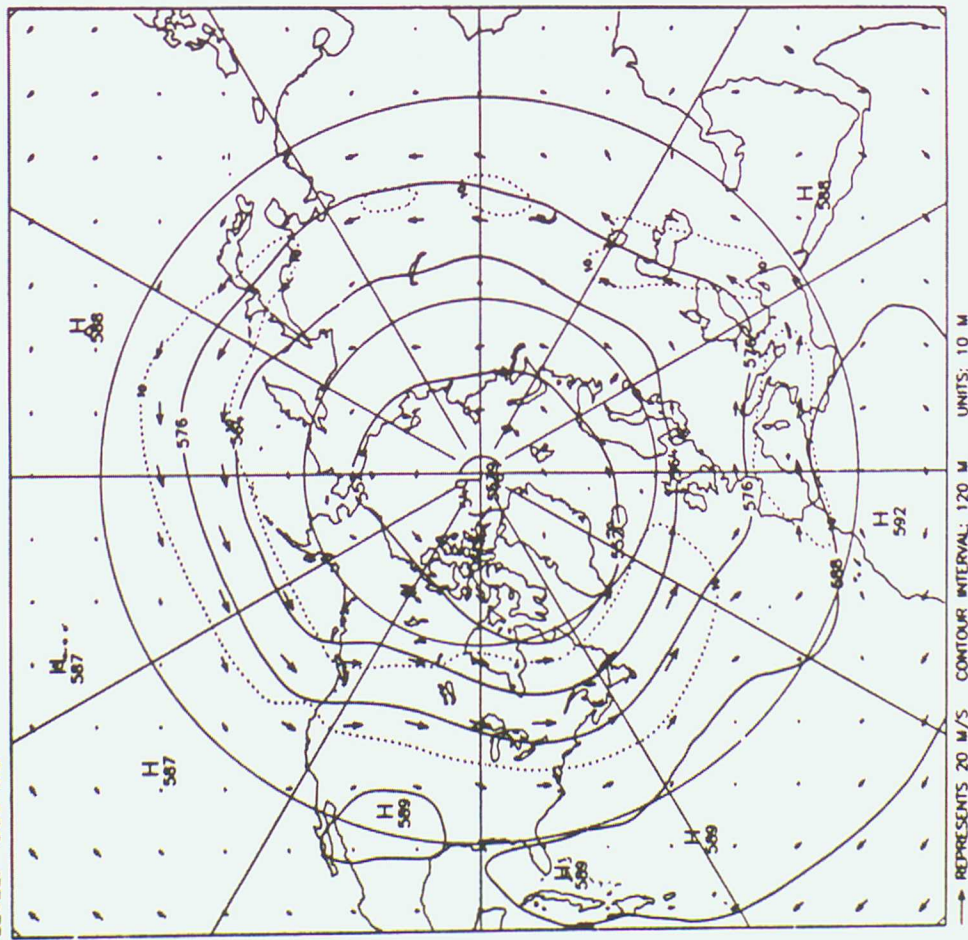
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
SEA LEVEL



OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
HEIGHTS, WIND ARROWS AND ISOTACHS.
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
LEVEL: 850 MB

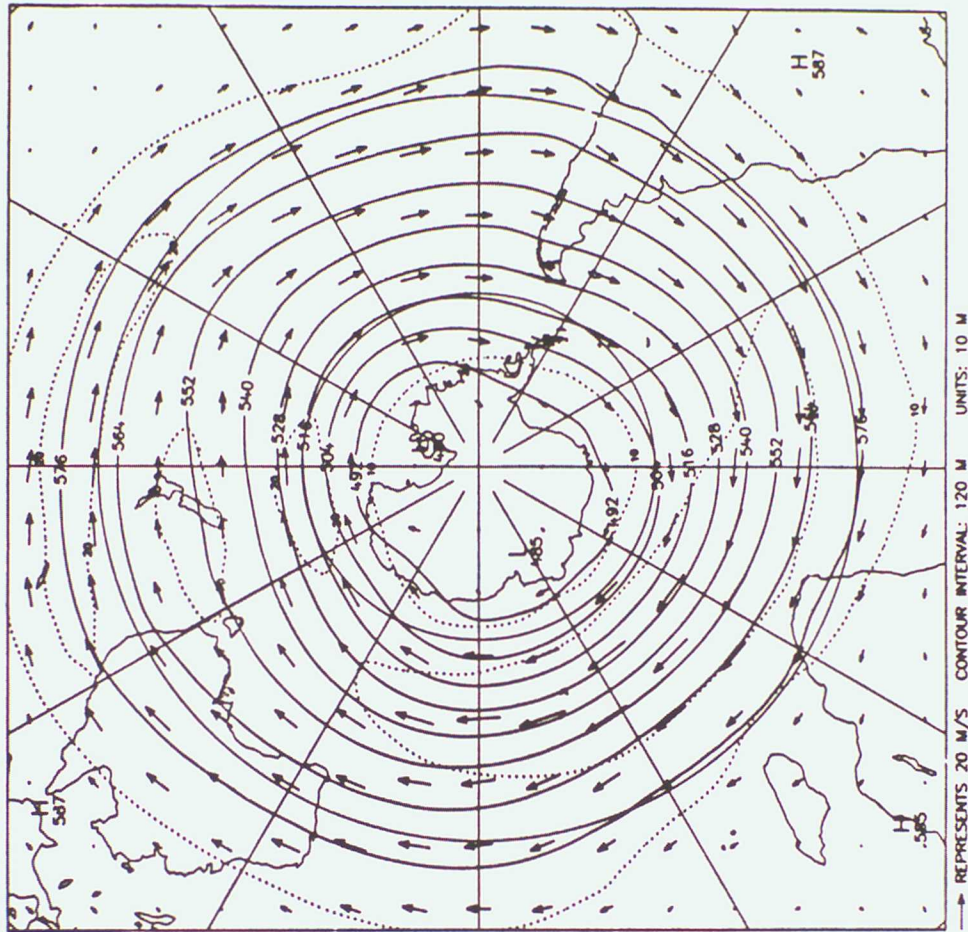


OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 500 MB



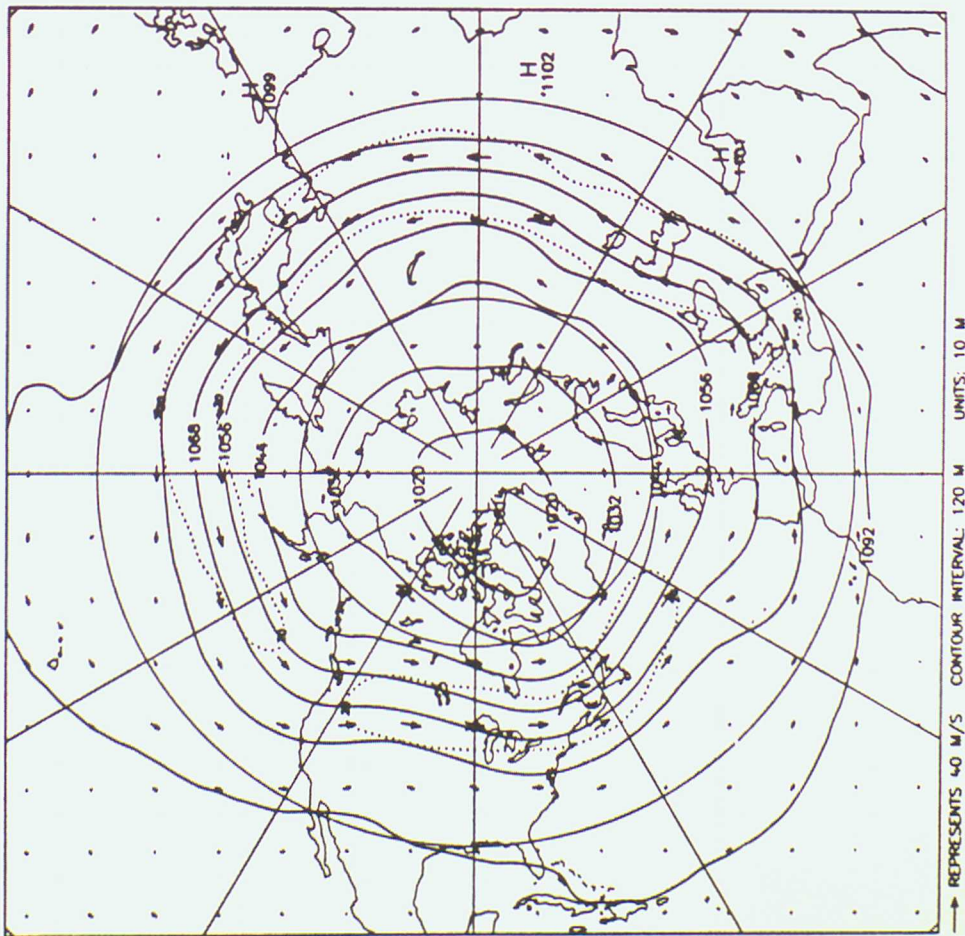
→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 500 MB

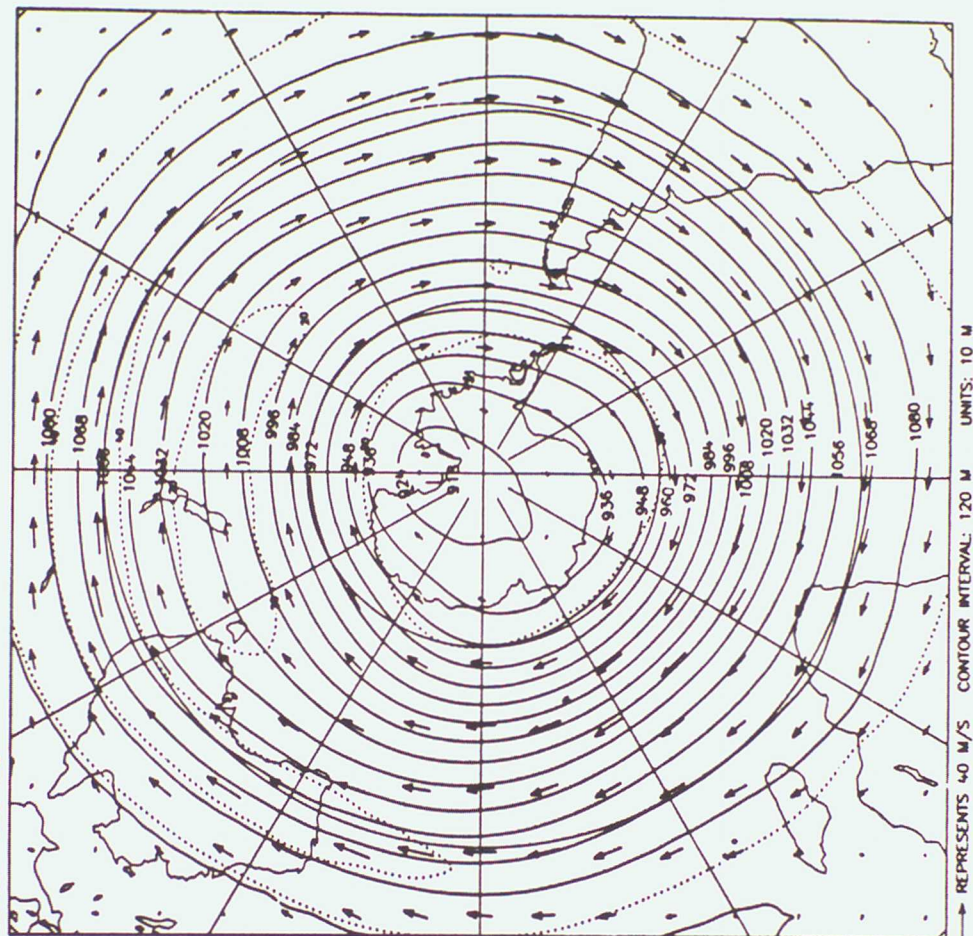


→ REPRESENTS 20 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

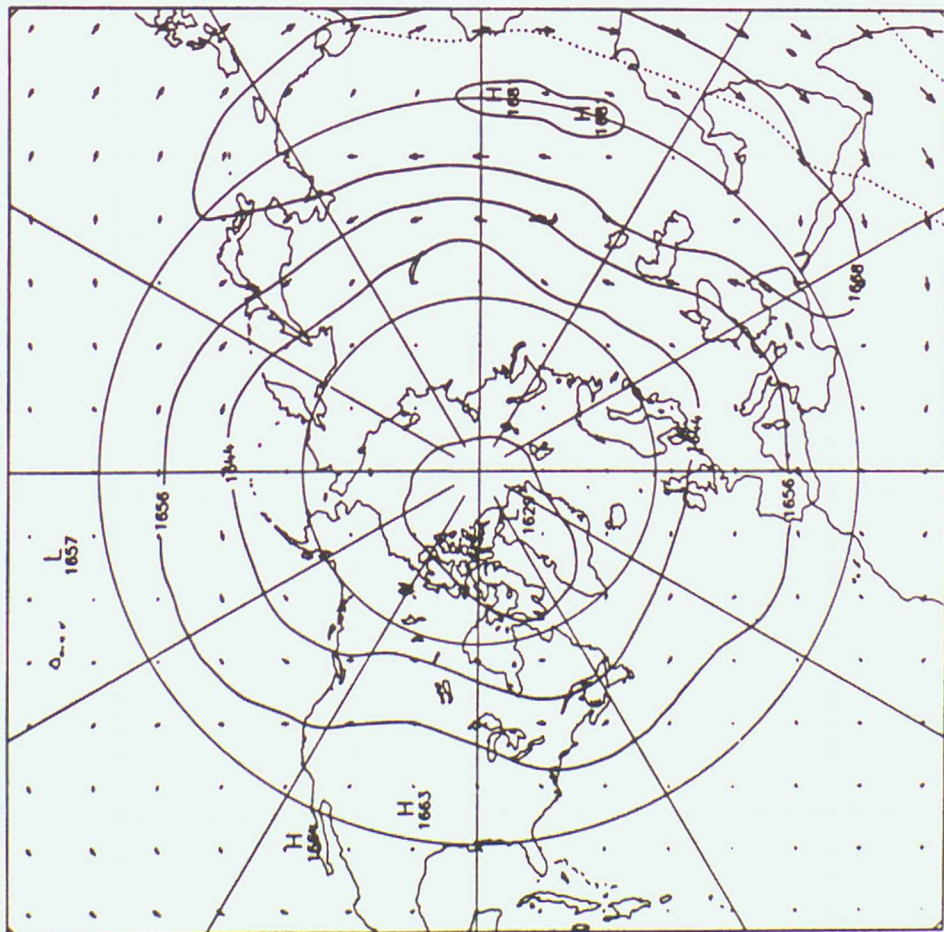
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 250 MB



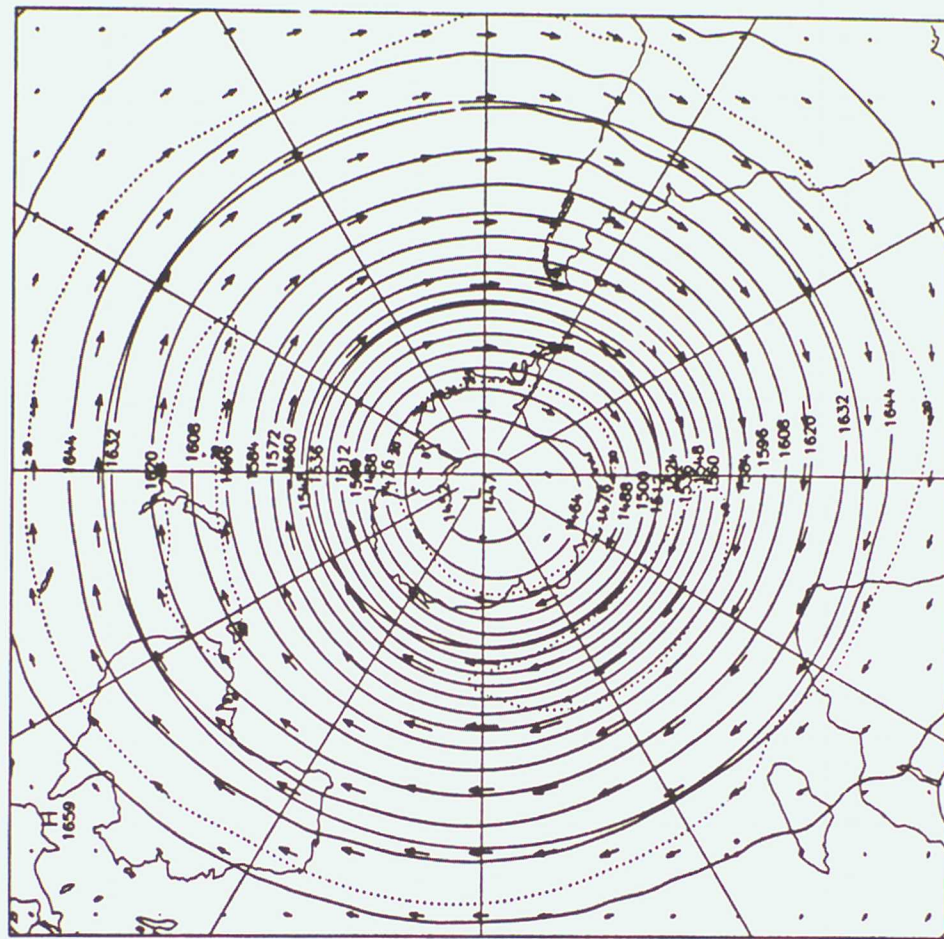
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 250 MB



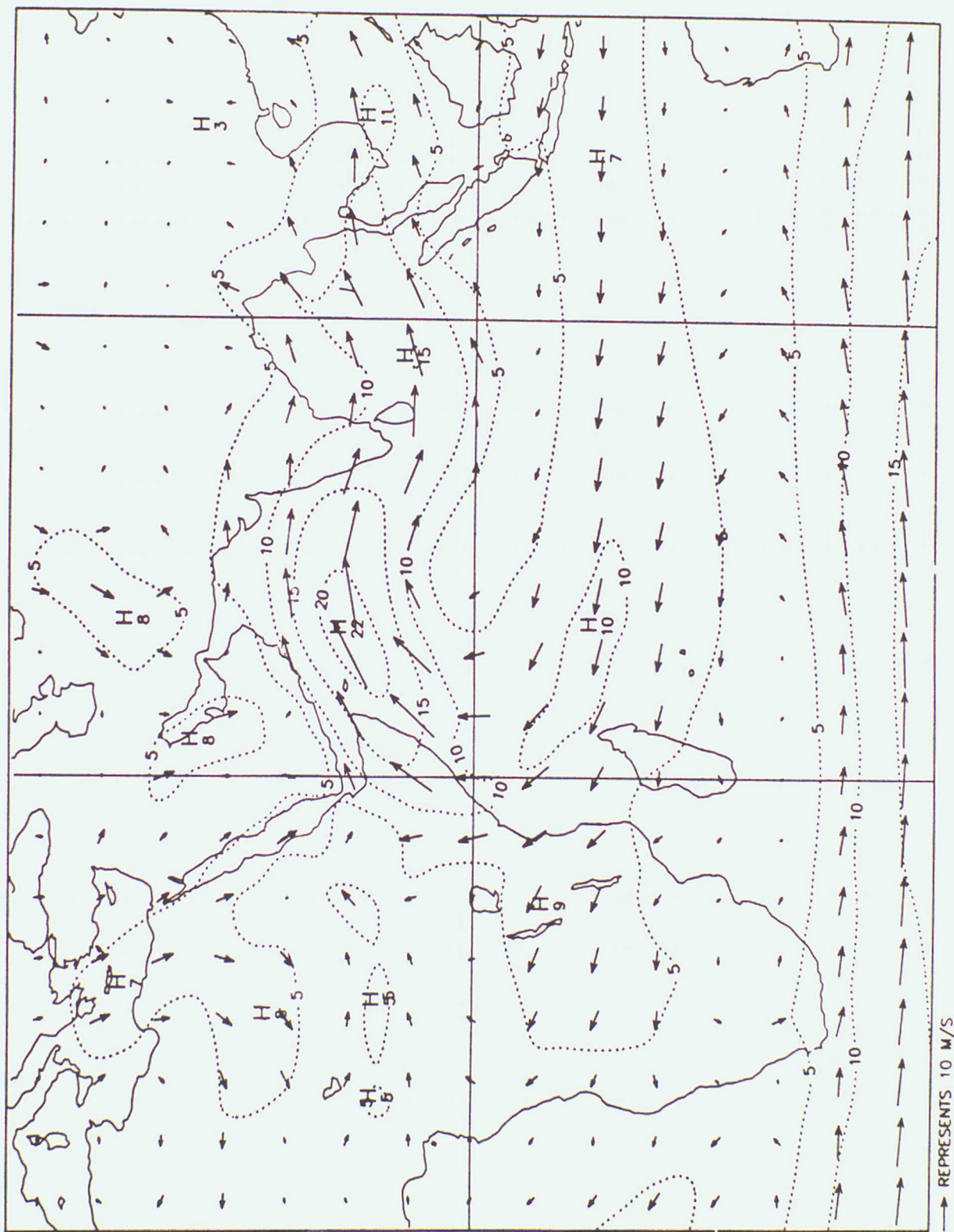
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 100 MB



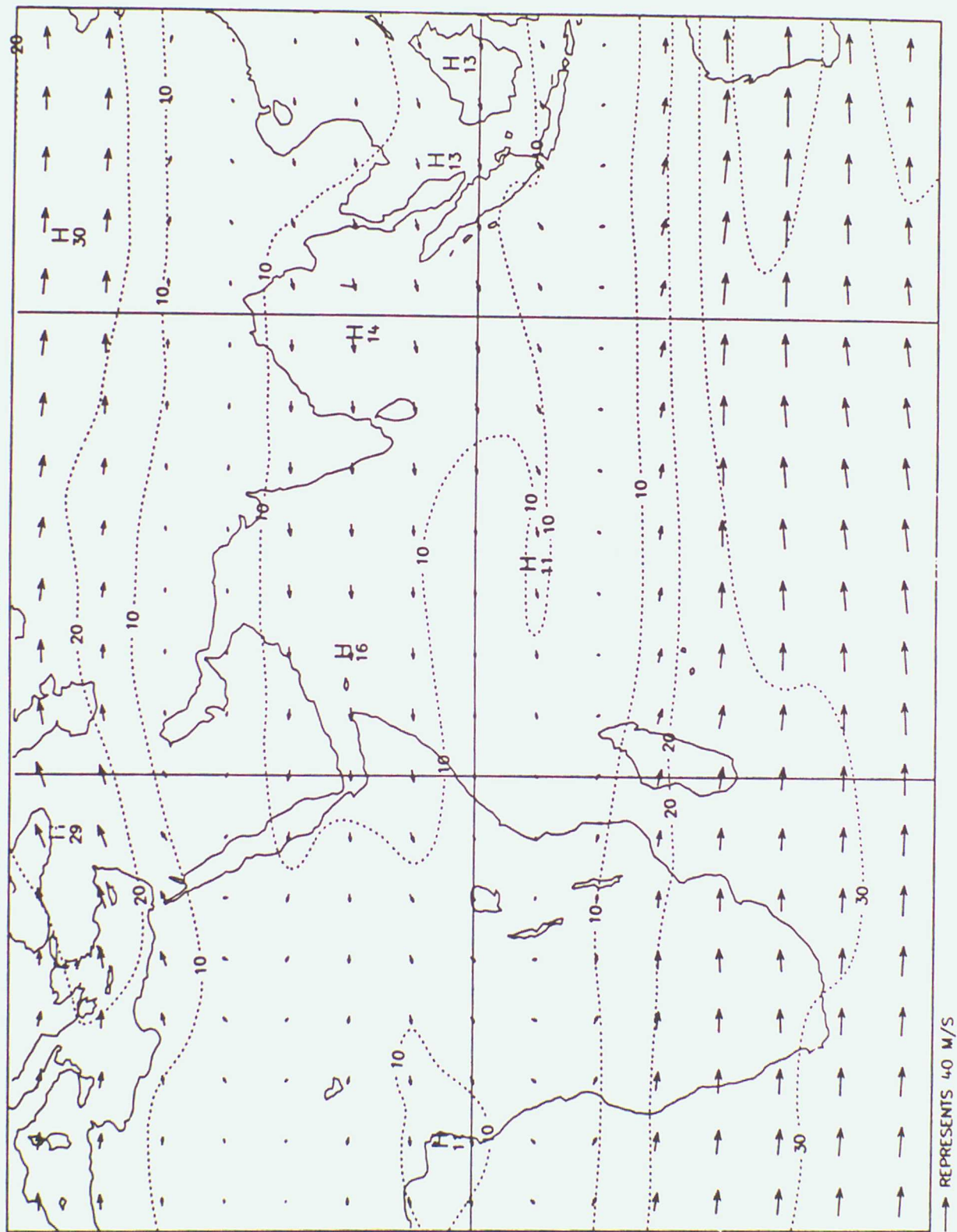
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 LEVEL: 100 MB



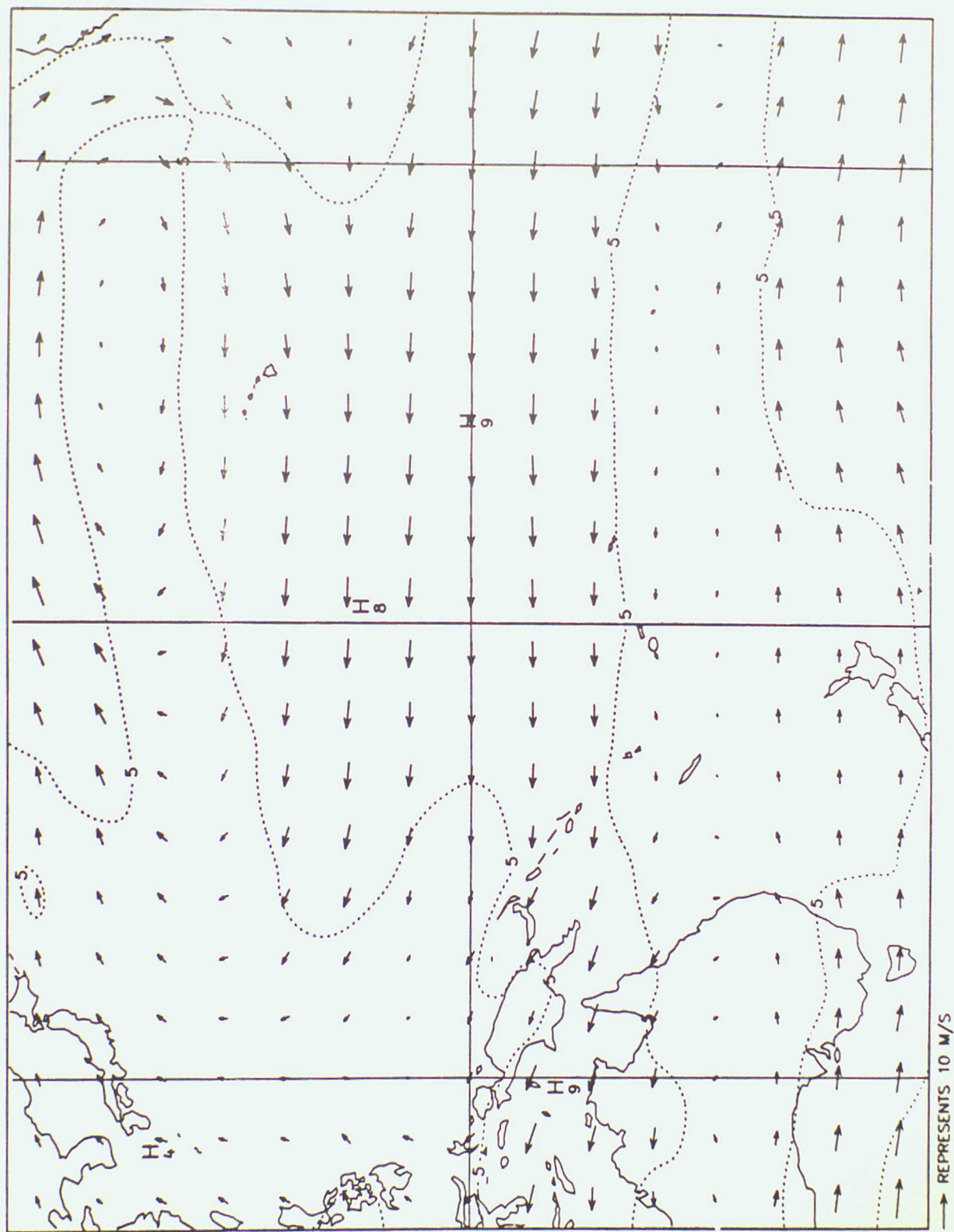
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
850 MBS. BETWEEN LONGS. 0E - 120 E



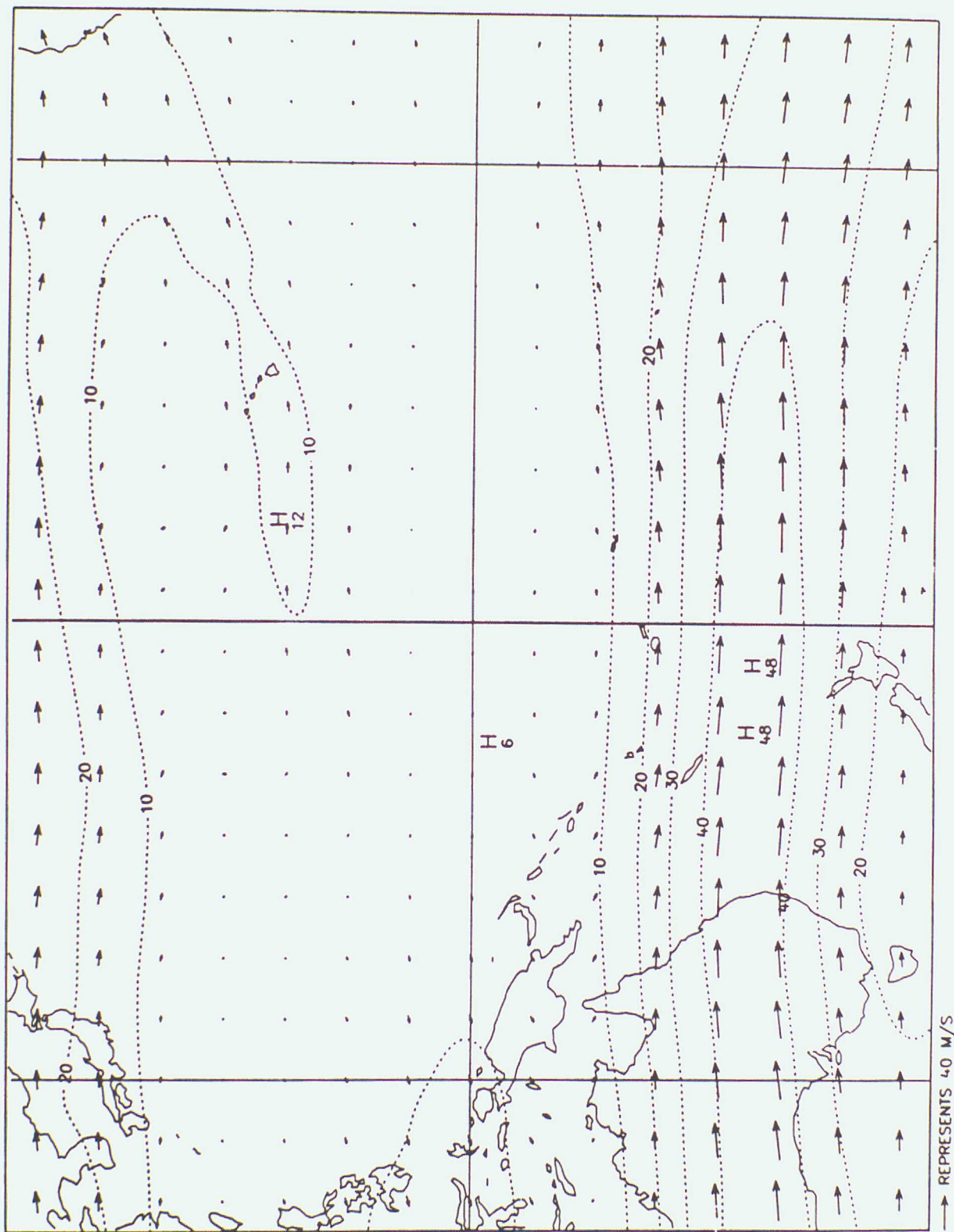
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 250 MBS. BETWEEN LONGS. 0 E - 120 E



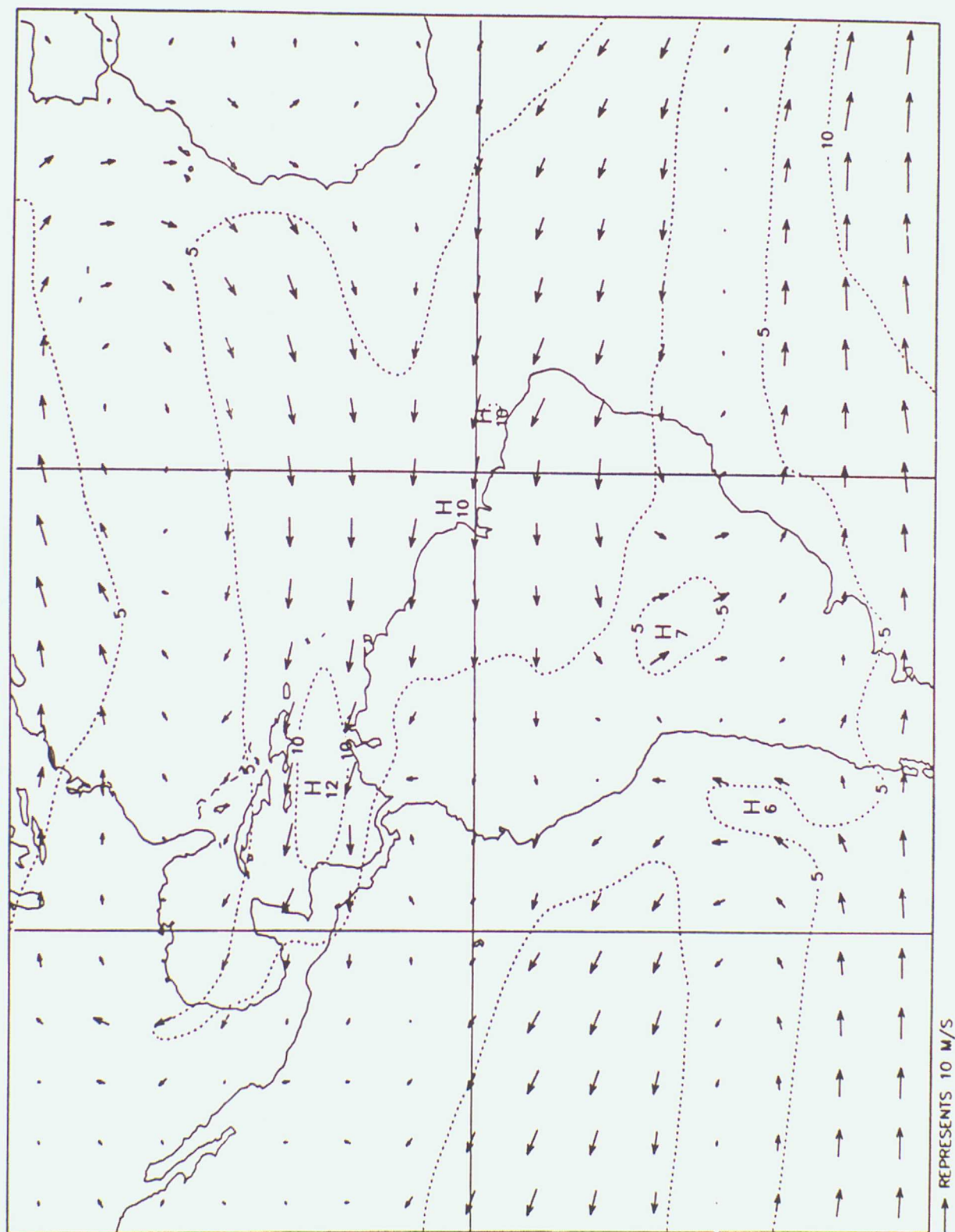
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 850 MBS.
 BETWEEN LONGS. 120 E - 120 W



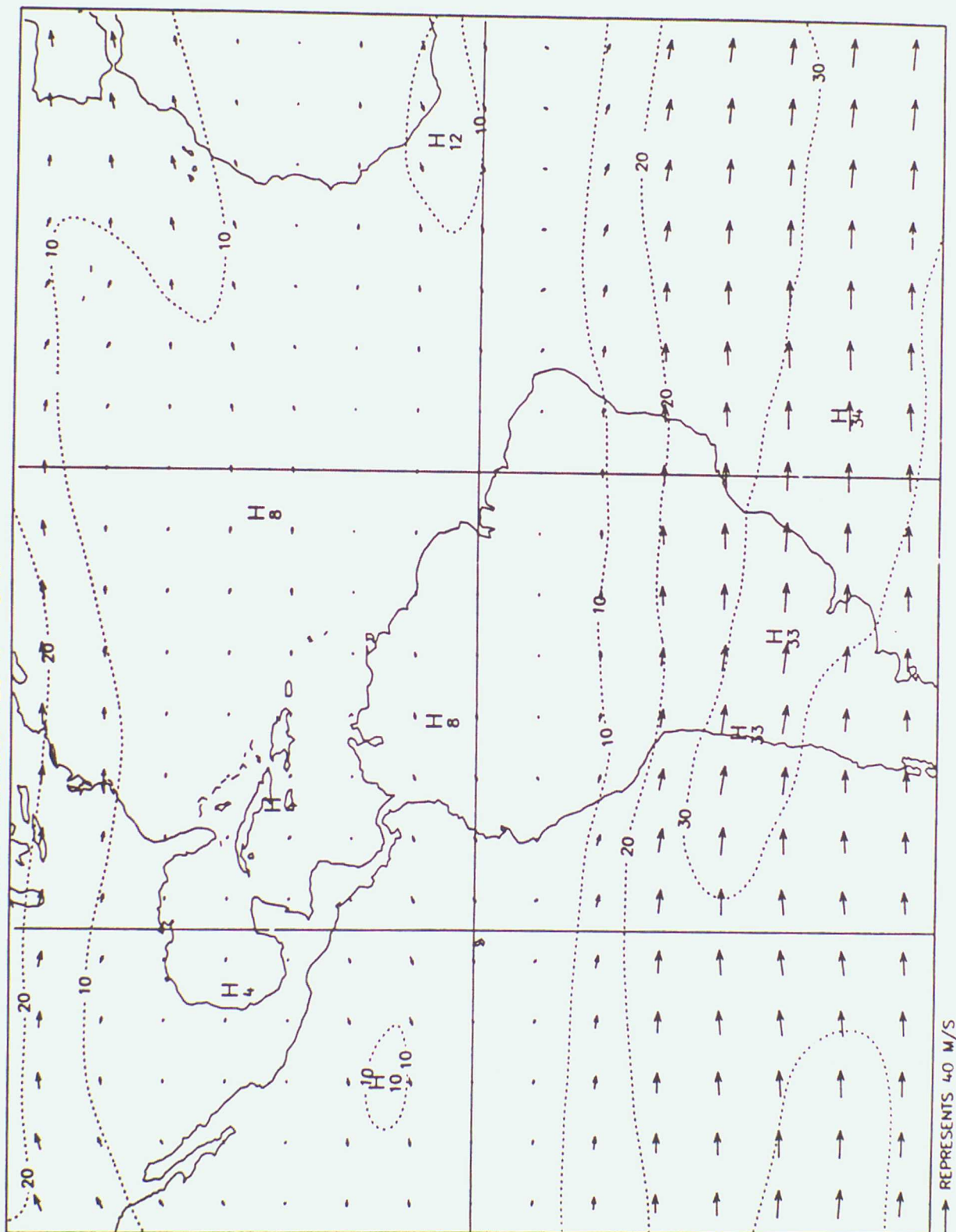
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
250 MBS.
BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W



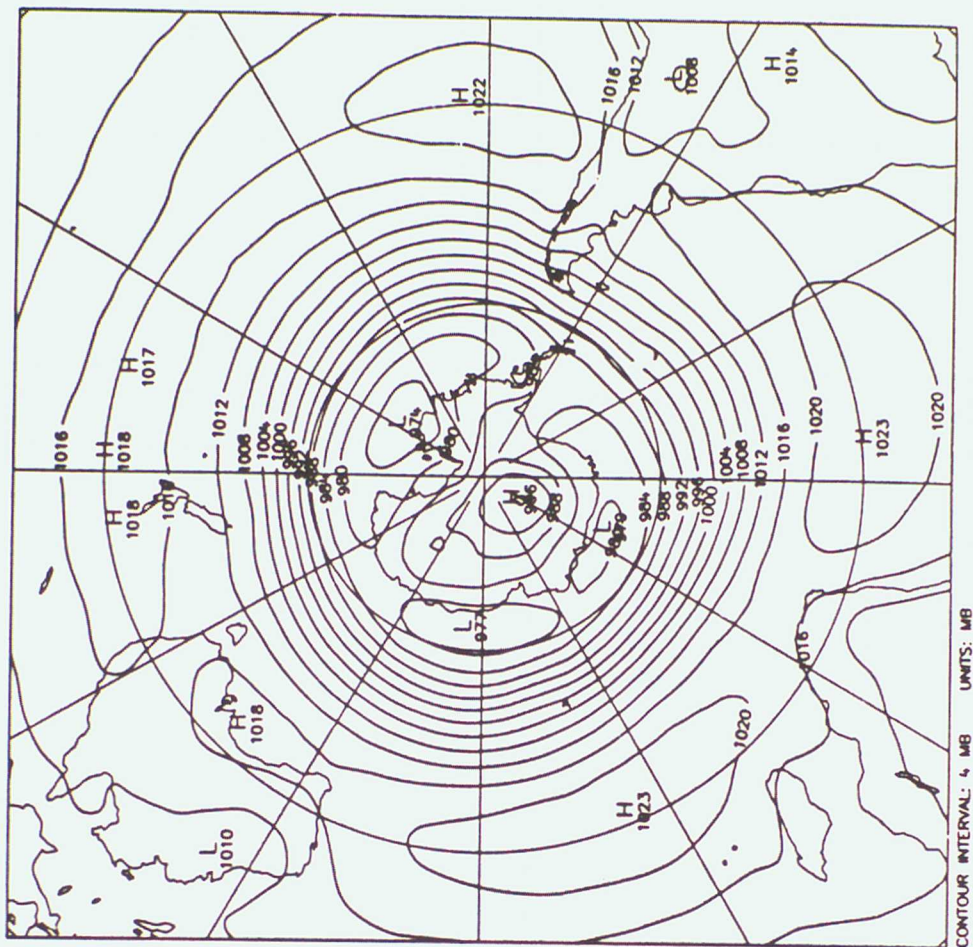
OPERATIONAL ARCHIVE MEANS. JUN/JUL/AUG CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/6/1983 DAY 152 TO 12Z ON 31/8/1985 DAY 243
 250 MBS.
 BETWEEN LONGS. 120 W - 0 W



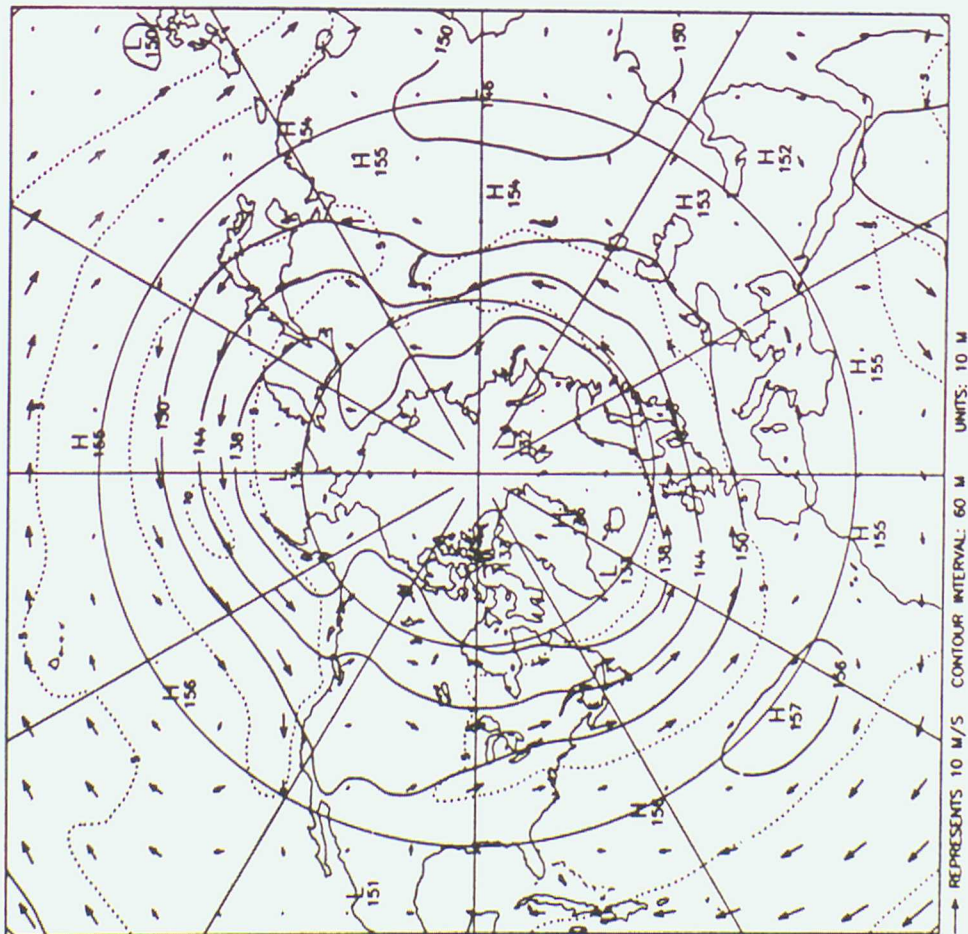
SEPTEMBER/OCTOBER/NOVEMBER

OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
PMSL

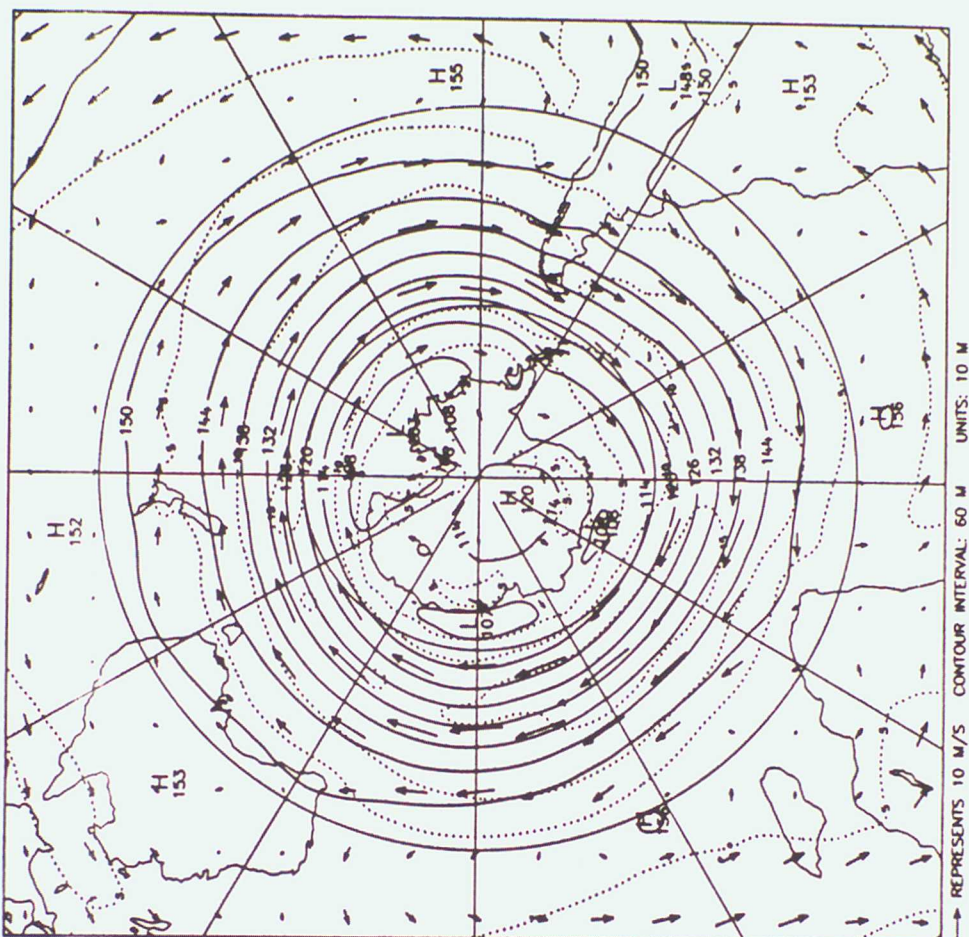
AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
SEA LEVEL



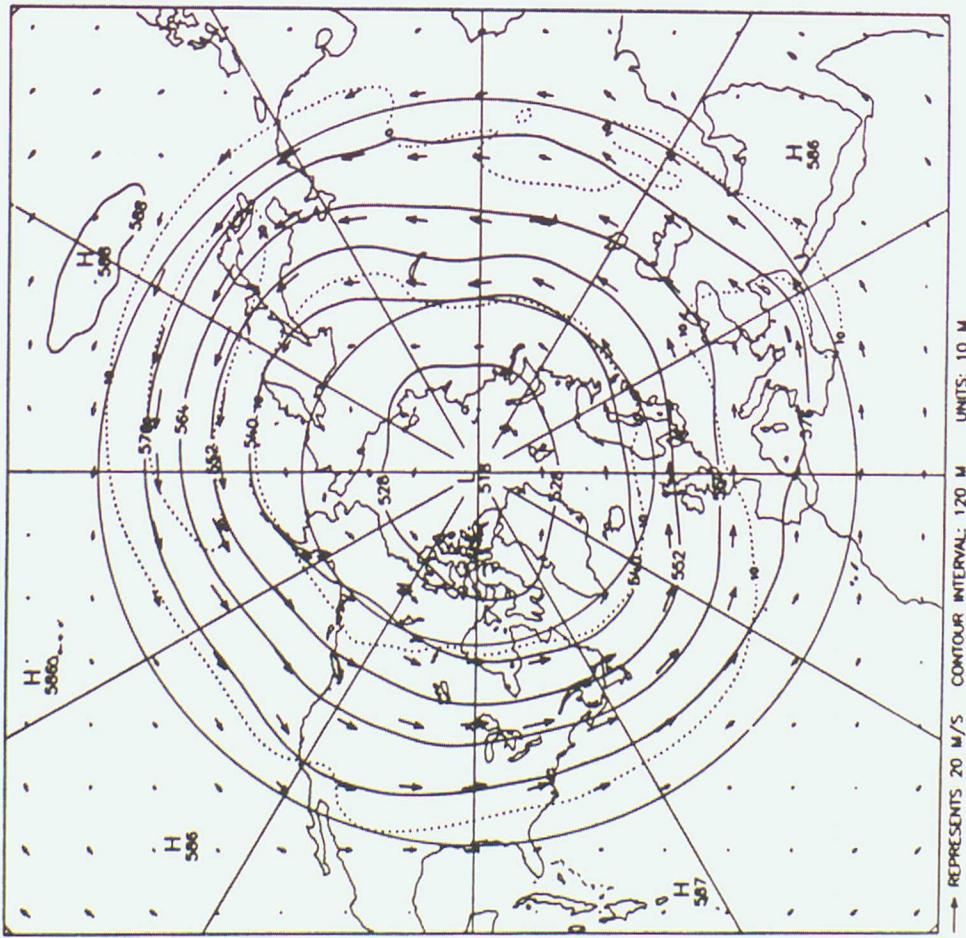
OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 850 MB



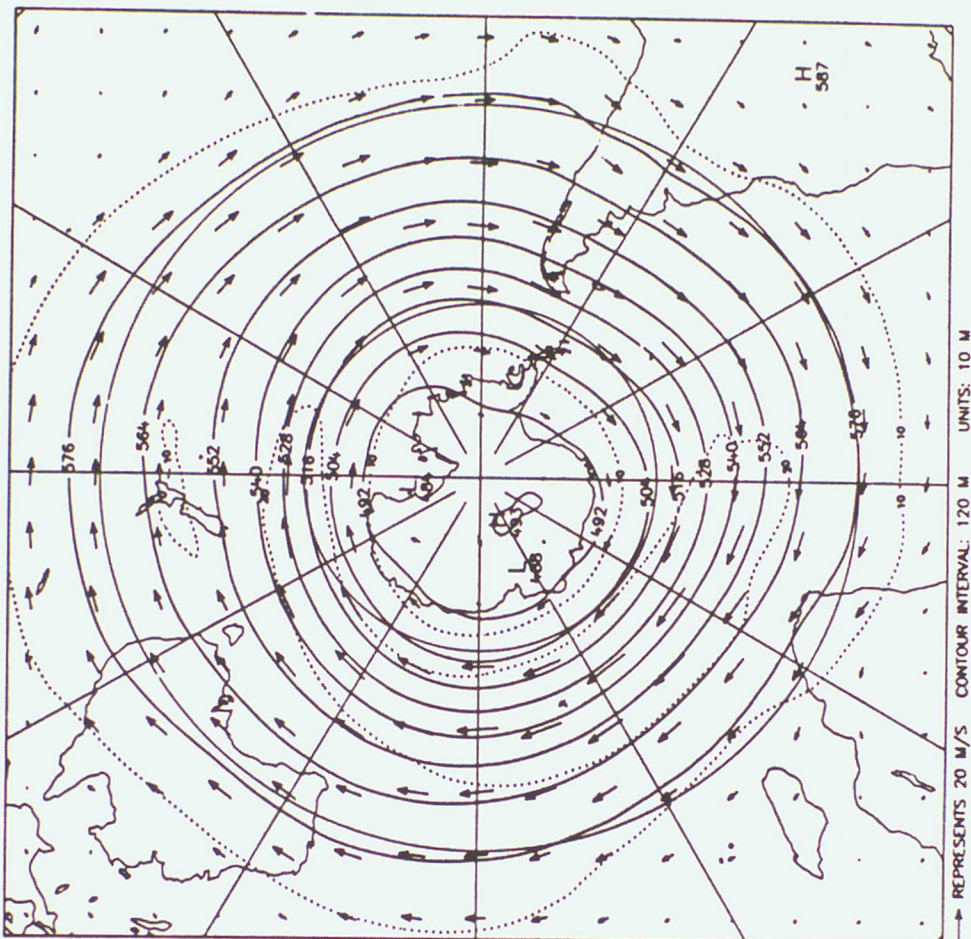
OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 850 MB



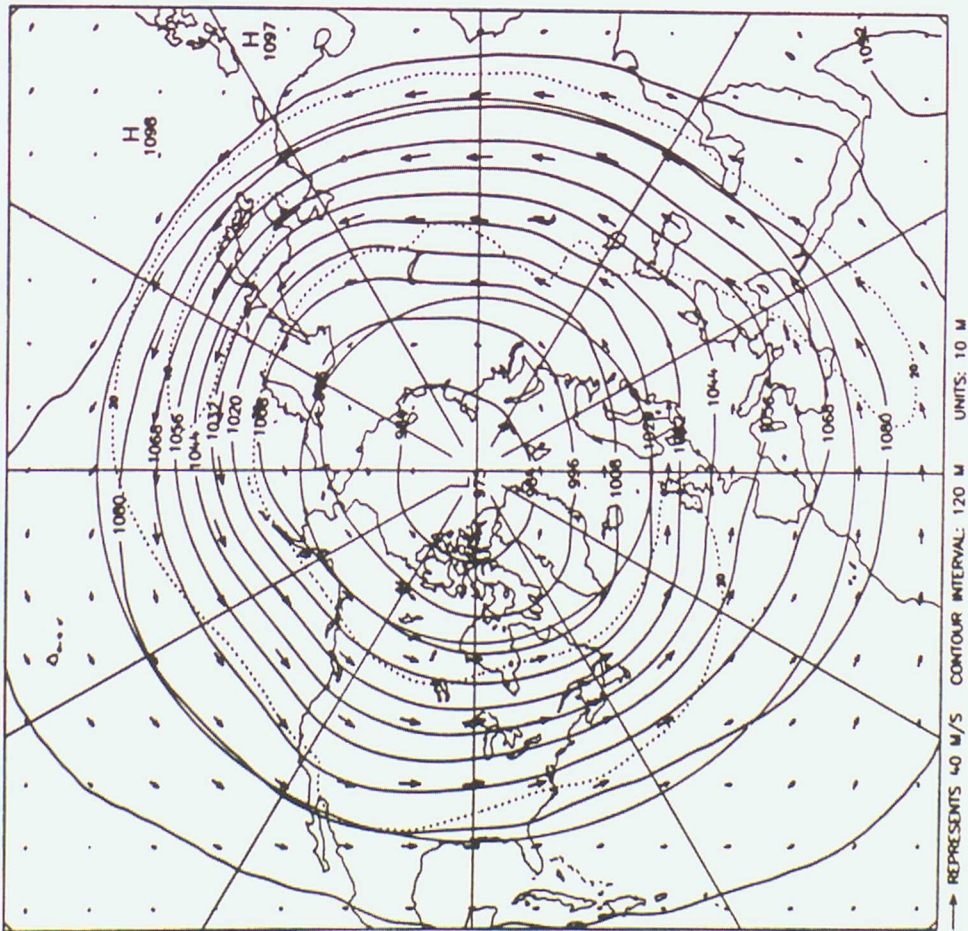
OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 500 MB



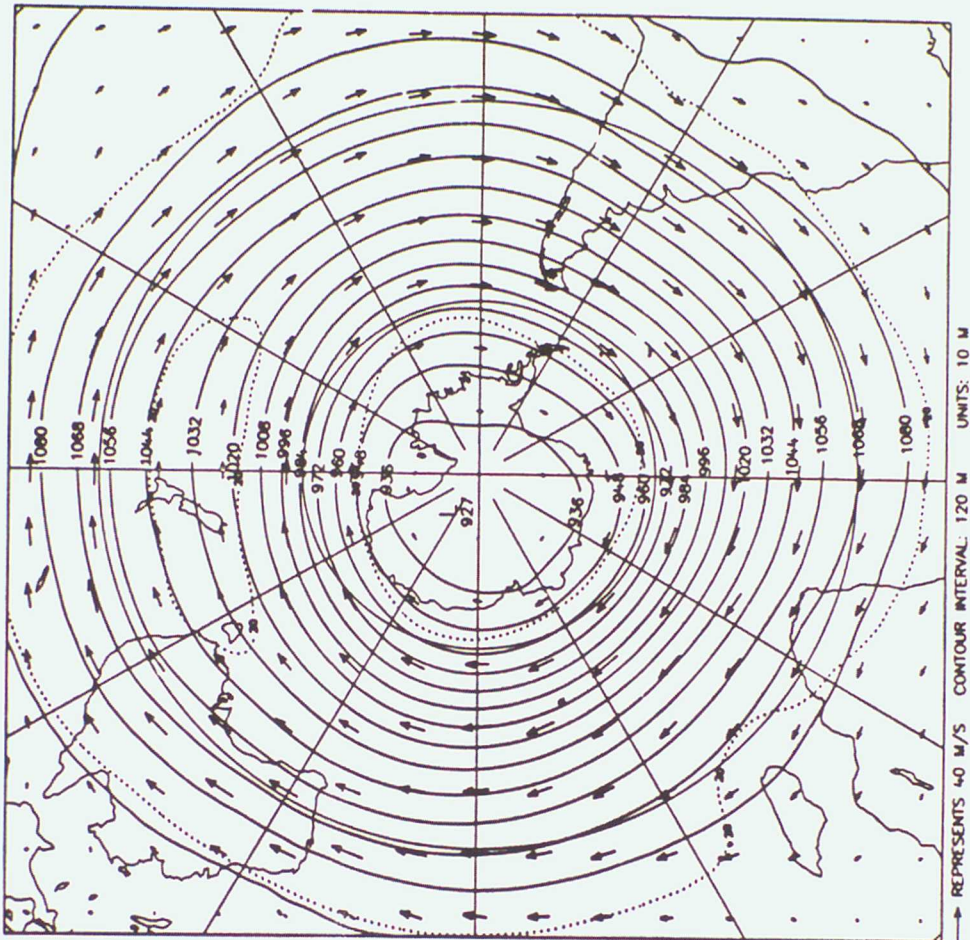
OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 500 MB



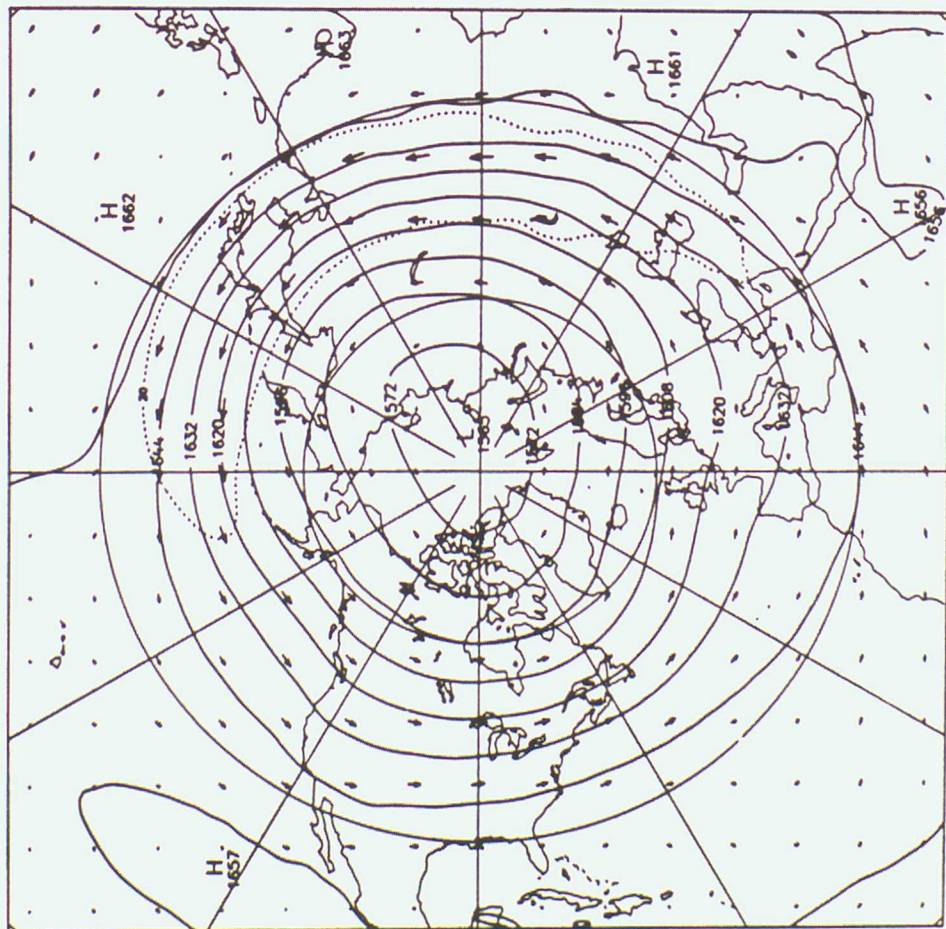
OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 250 MB



OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 250 MB

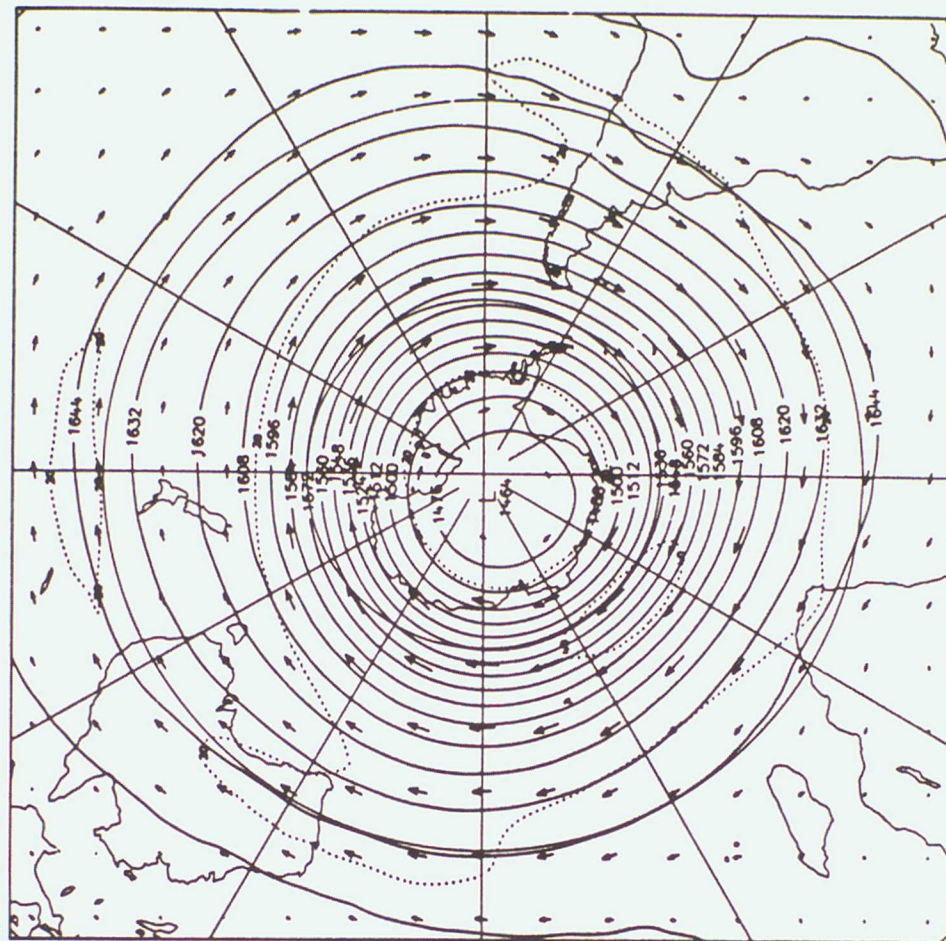


OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 100 MB



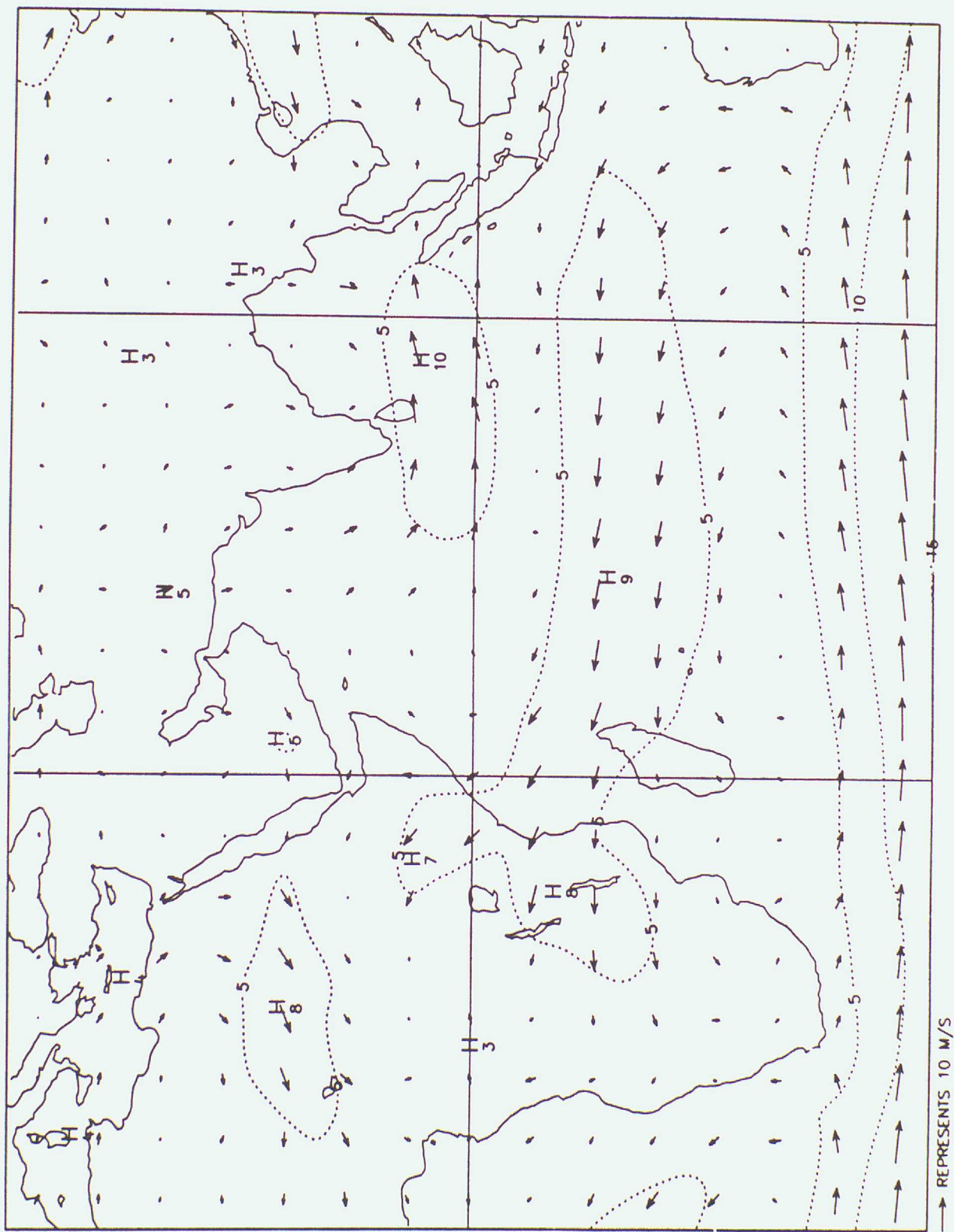
→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 HEIGHTS, WIND ARROWS AND ISOTACHS.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 LEVEL: 100 MB

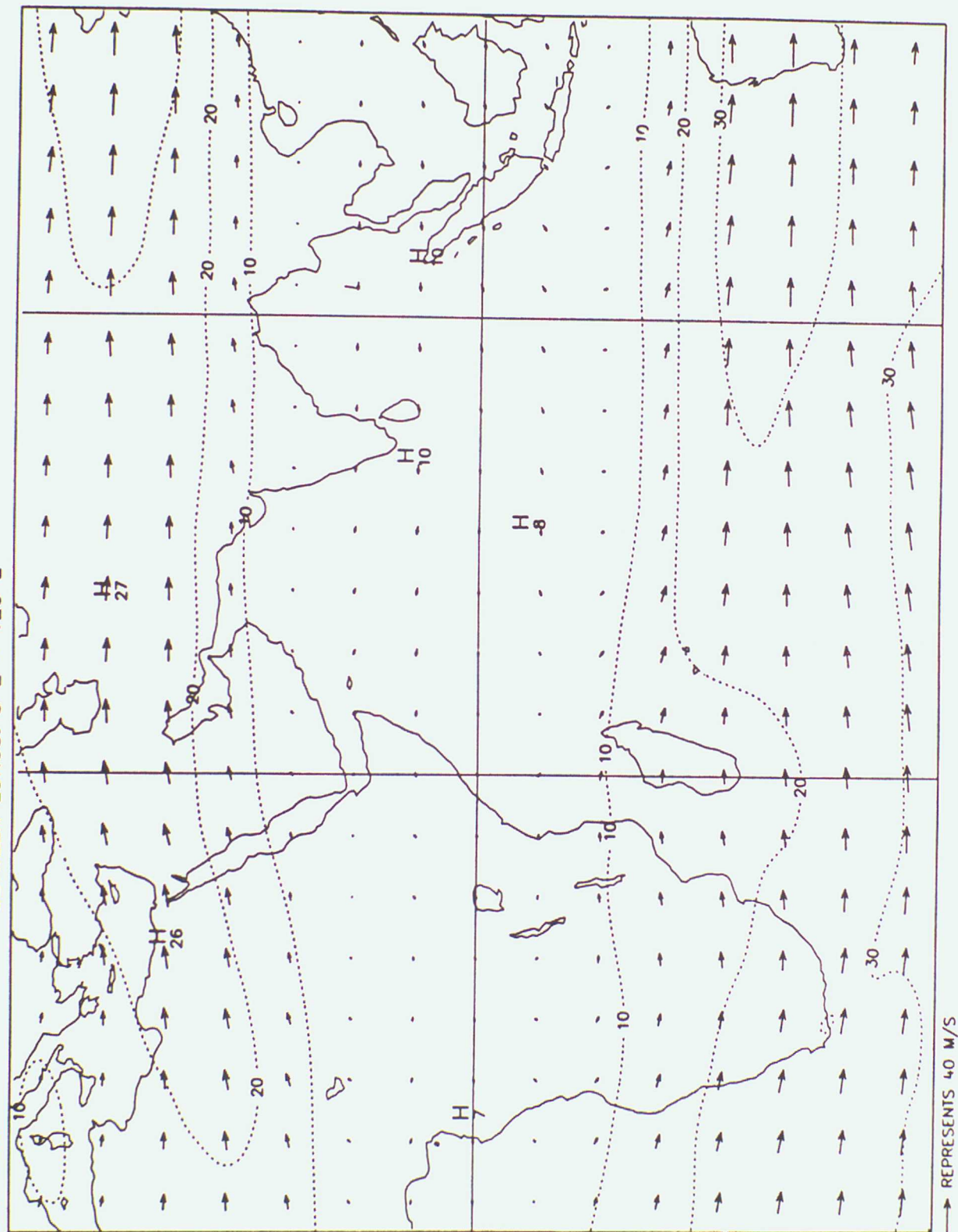


→ REPRESENTS 40 M/S CONTOUR INTERVAL: 120 M UNITS: 10 M

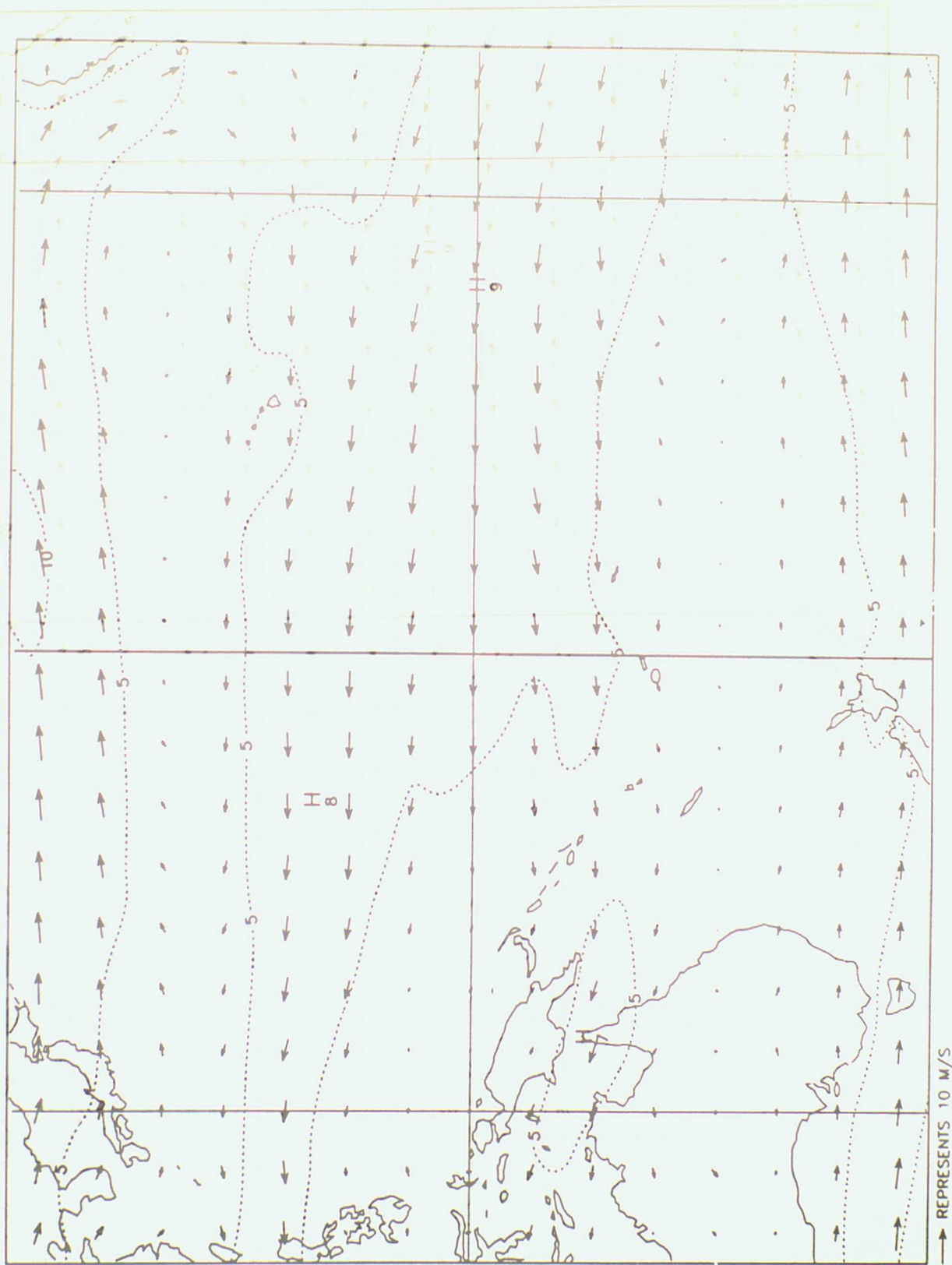
OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
850 MBS. BETWEEN LONGS. 0 E - 120 E



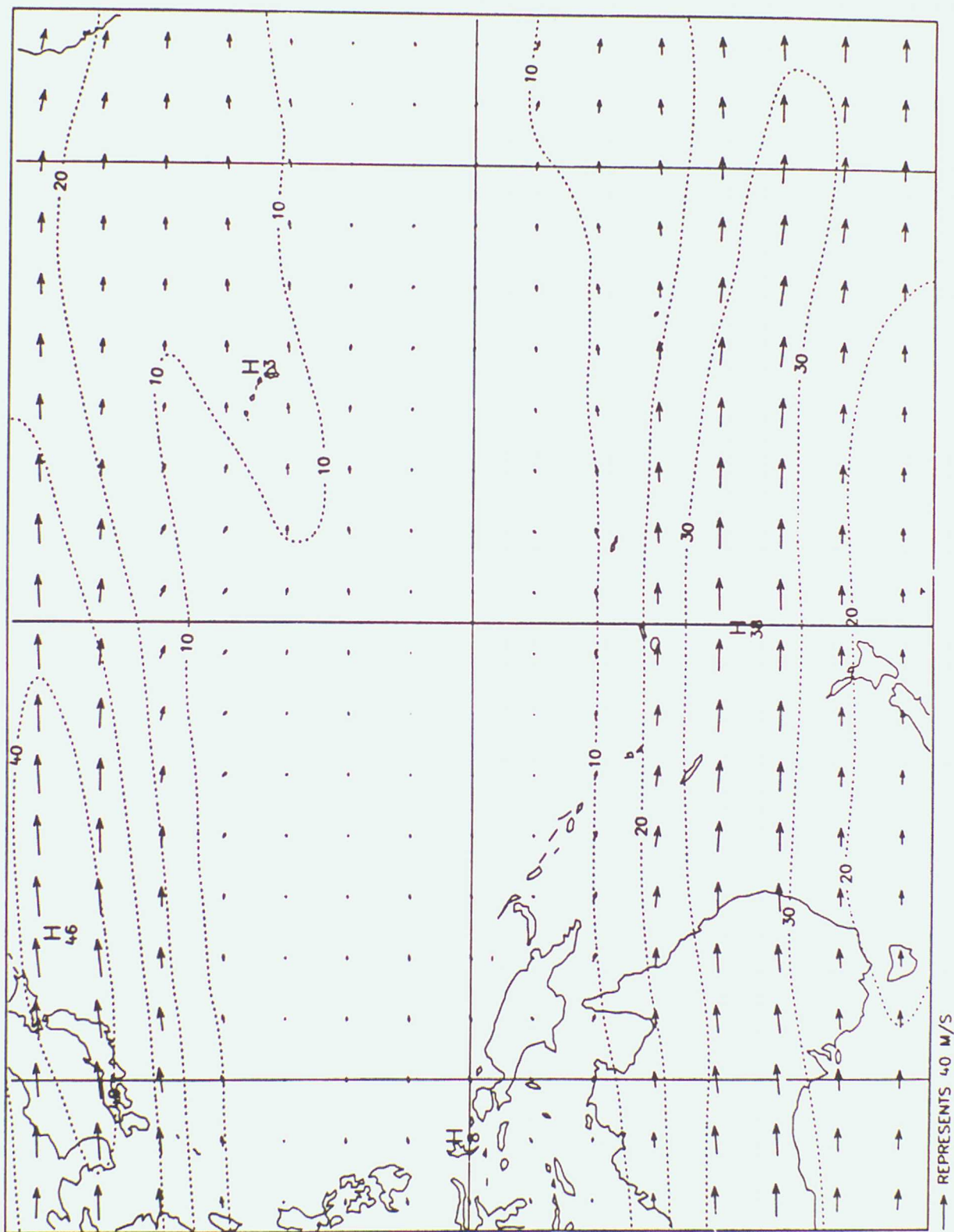
OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 250 MBS. BETWEEN LONGS. 0 E - 120 E



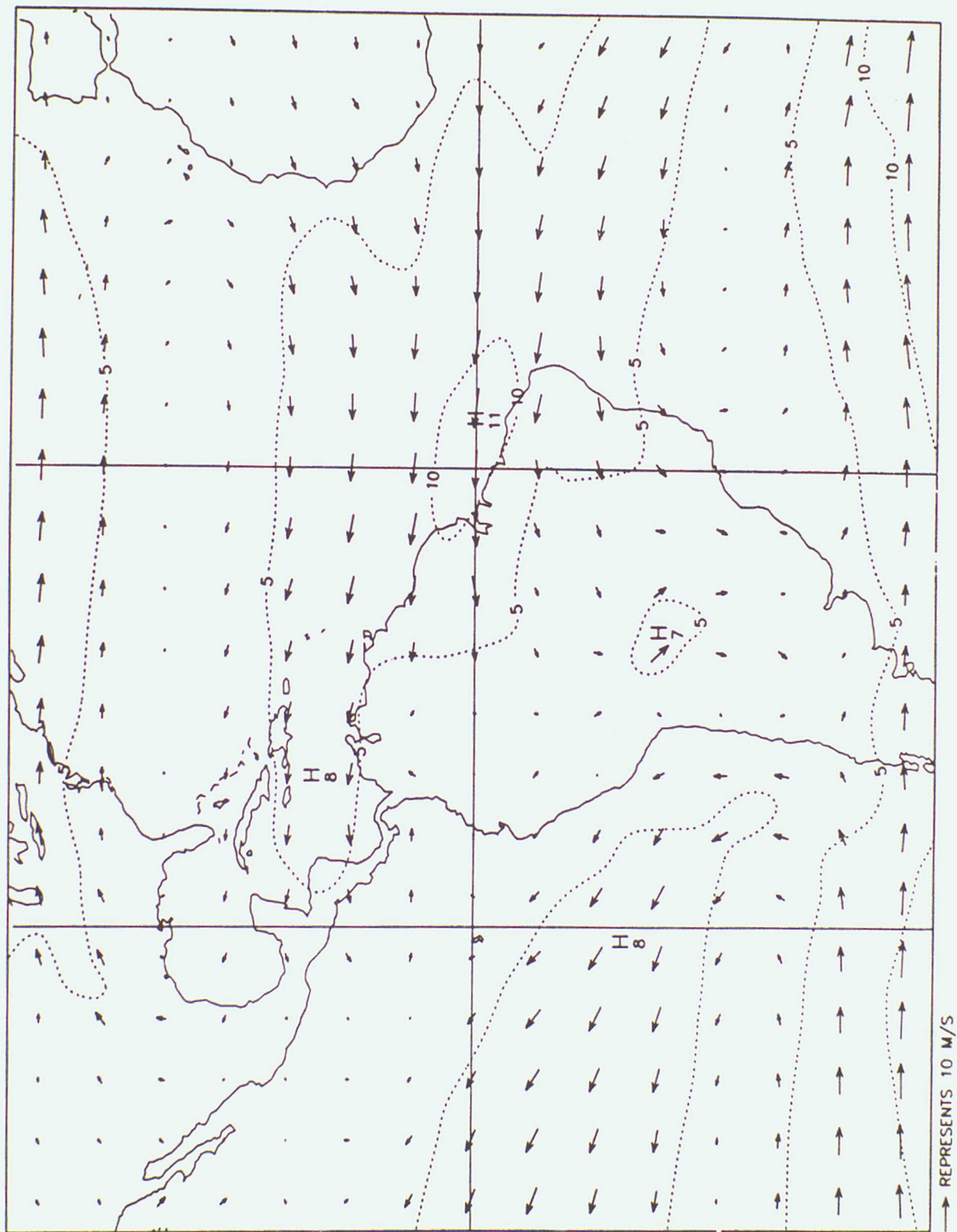
OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
850 MBS. BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 250 MBS. BETWEEN LONGS. 120 E - 120 W



OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 850 MBS.
 BETWEEN LONGS. 120 W - 0 W



OPERATIONAL ARCHIVE MEANS. SEP/OCT/NOV CLIMATOLOGY
 WIND ARROWS AND ISOTACHS BETWEEN LATS. 45 N - 45 S.
 AVERAGE FROM 0Z ON 1/9/1983 DAY 244 TO 12Z ON 30/11/1985 DAY 334
 250 MBS.
 BETWEEN LONGS. 120 W - 0 W

