

AD-A123 032 MEAN SURFACE FLOW FOR TROPICAL PACIFIC VOLUME III(U)  
AIR WEATHER SERVICE SCOTT AFB IL J C SADLER, OCT 82  
AWS-TR-218-VOL-3 SBI-AD-880 220

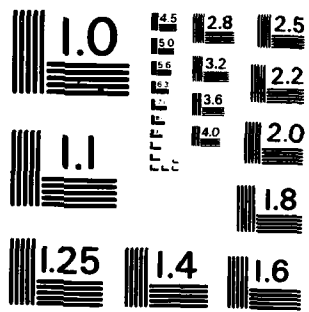
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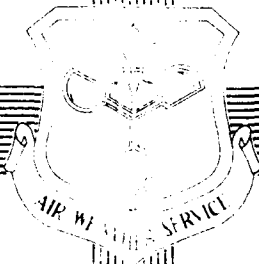


MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

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AWS TR 215, VOLUME III



# MEAN SURFACE FLOW FOR TROPICAL PACIFIC

by

James C. Sadler  
University of Hawaii

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OCTOBER 1982

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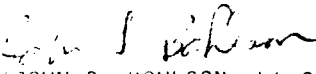
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) Set of 12 monthly mean charts which supplement global surface mean fields in Volume II. Data obtained from ship logs. Steadiness and velocity given for each 2 1/2 degree grid point.		

October 1982

AWS TR 215, Volume III

MEAN SURFACE FLOW FOR TROPICAL PACIFIC

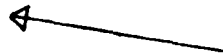
by James C. Sadler

University of Hawaii, Honolulu, HI 96822

OVERVIEW: The purpose of these maps is to provide an update to the Pacific portion of AWS TR 215, Volume II, Mean-Cloudiness And Gradient-Level Wind Charts Over The Tropics. Professor James C. Sadler has supplemented the climatic data base used in preparing mean global tropical wind fields published as AWS TR 215, Volume II, August 1970. The revised data base includes extensive ship data which were not available during the original analysis. Since this revised surface-level climatology is only for the Pacific Ocean, it was not appropriate to revise TR 215. These data should be used as a supplement to TR 215, Volume II, Part A. The number of observations, steadiness, and speed in meters-per-second is plotted on the maps per the plot model below.

Steadiness

Speed (m/sec)



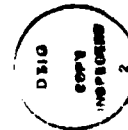
Number of obs

(arrow length proportional to speed)

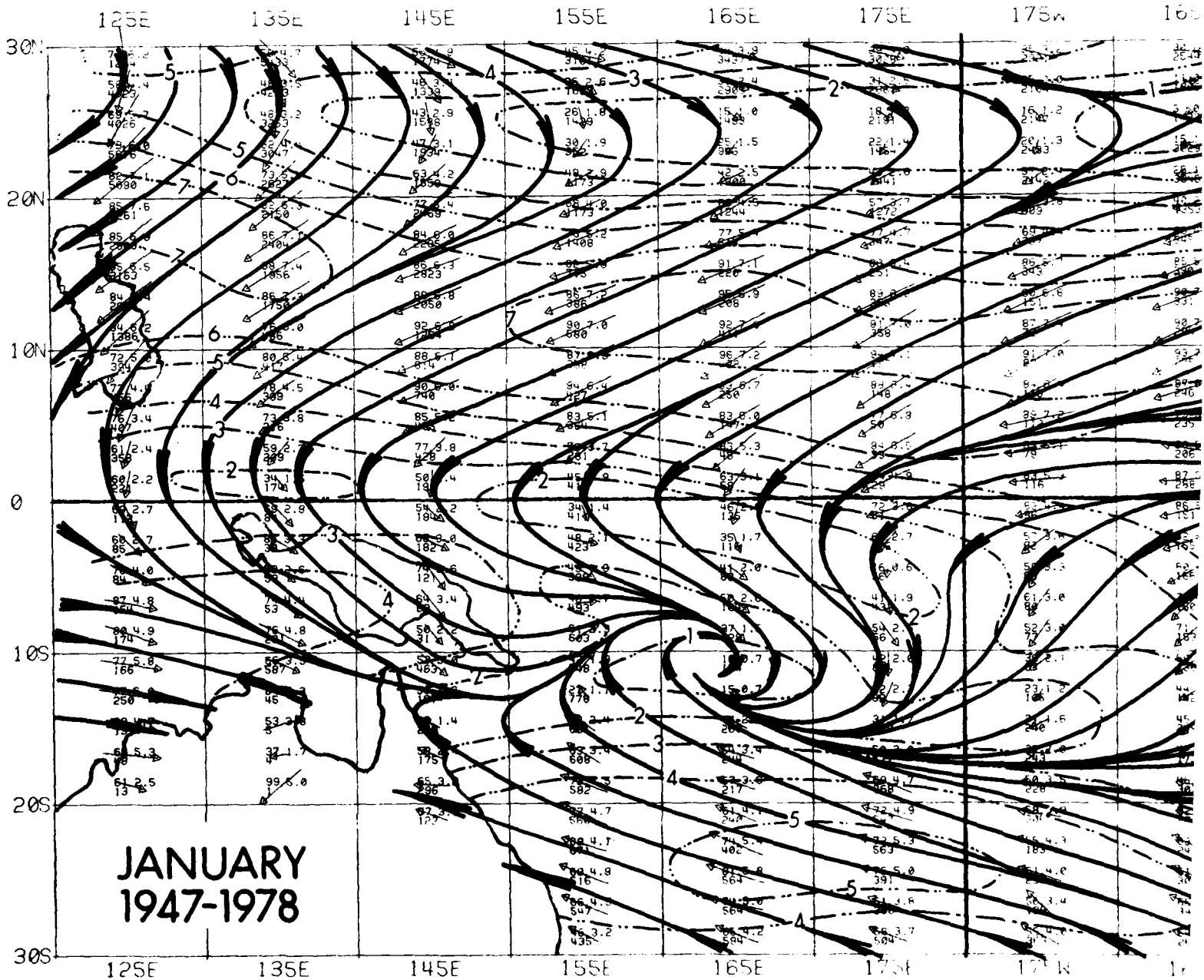
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LONG TERM SHIP WIND MEAN 1947-1978

165W

155W

145W

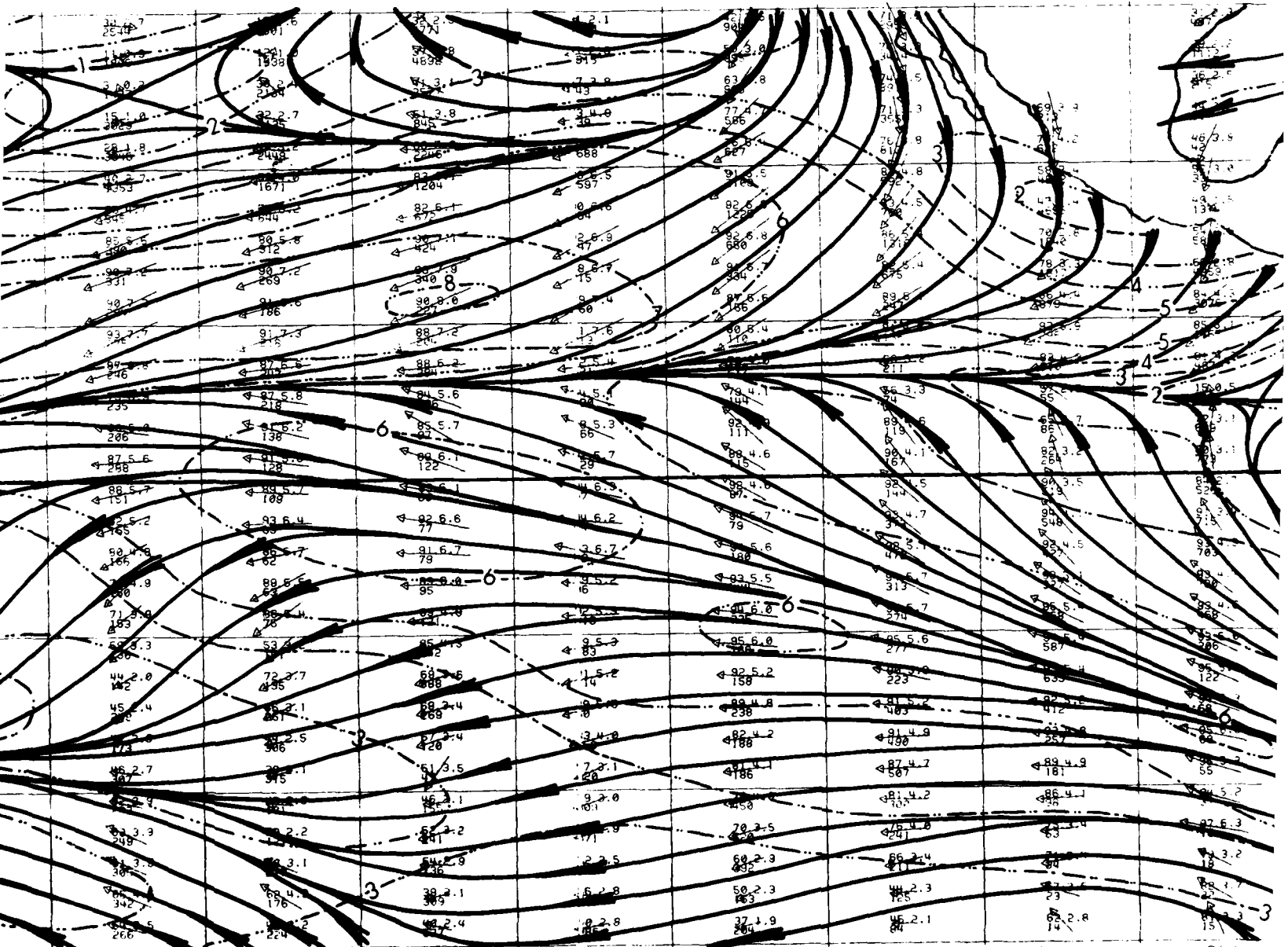
135W

125W

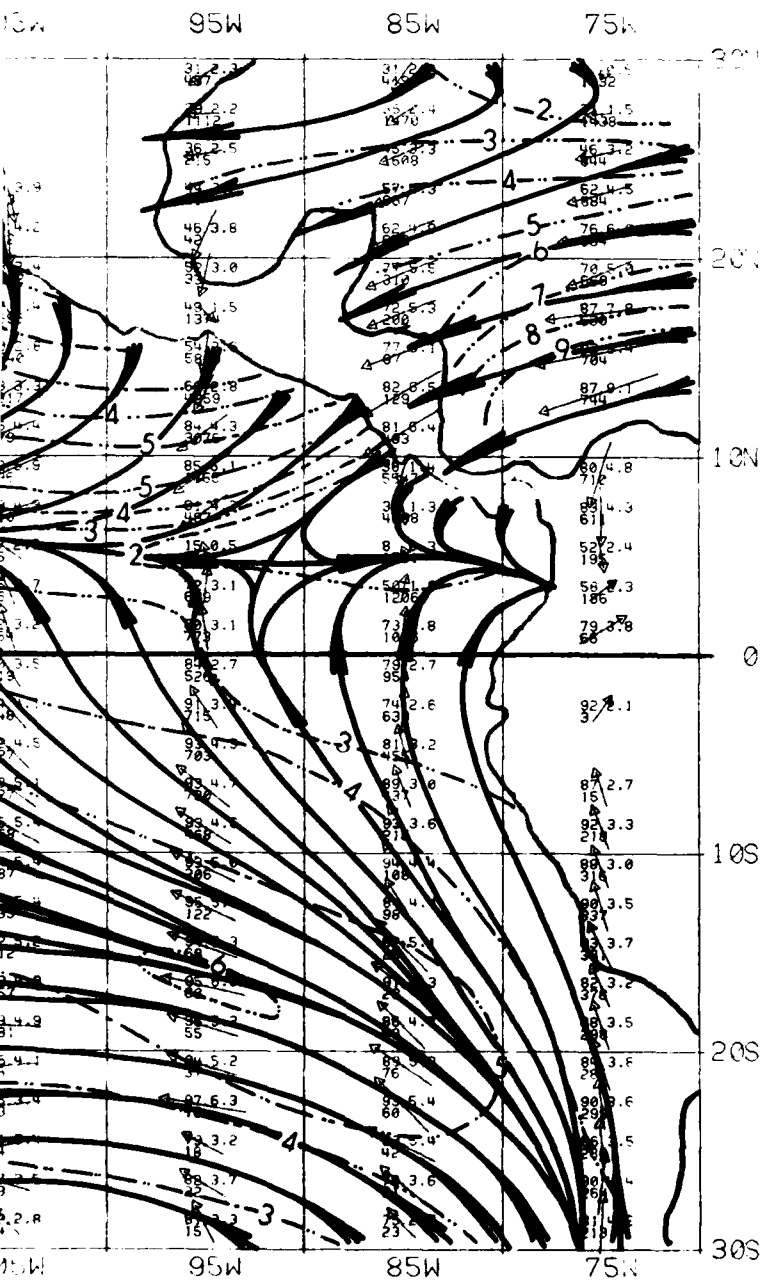
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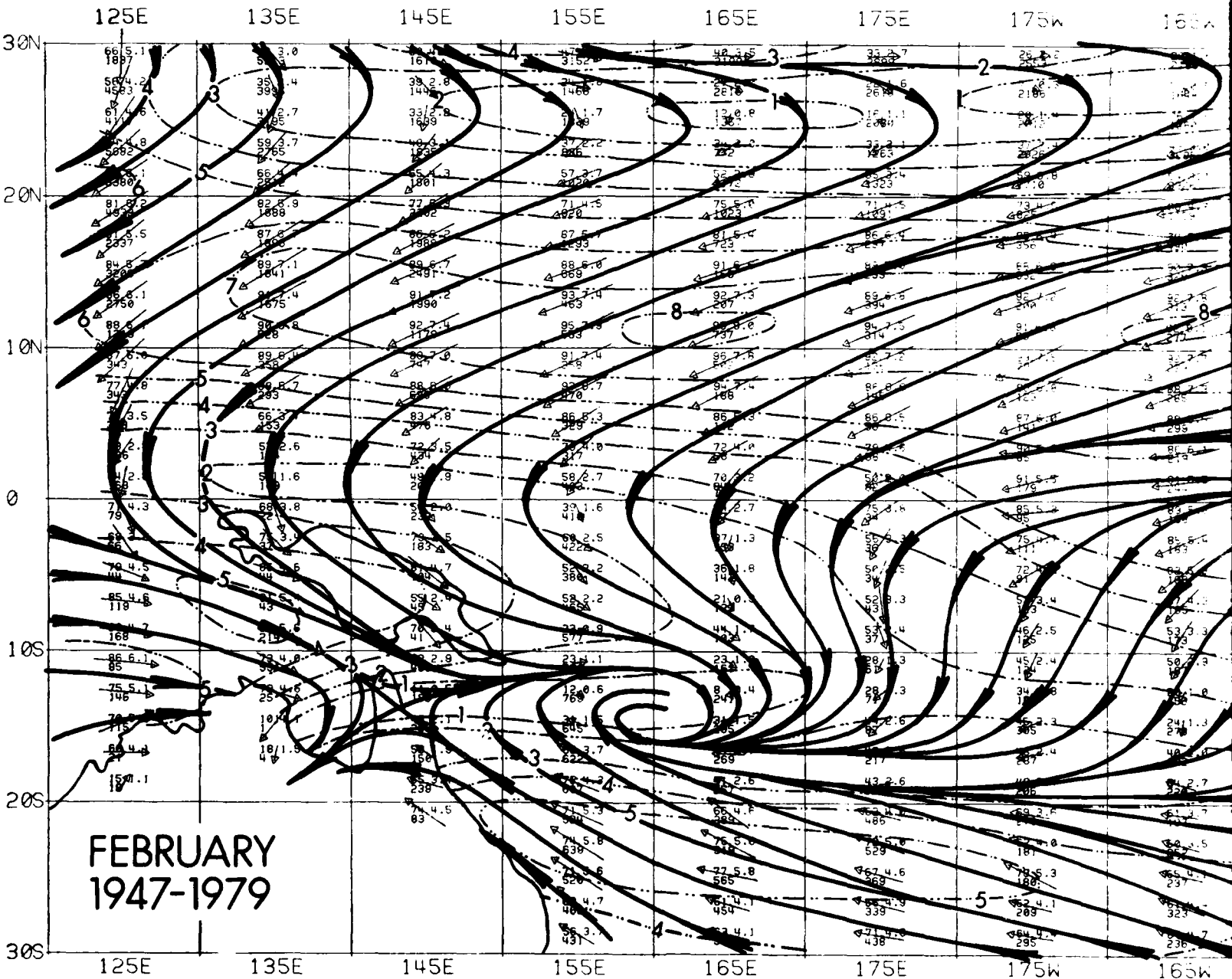
105W

95W



5

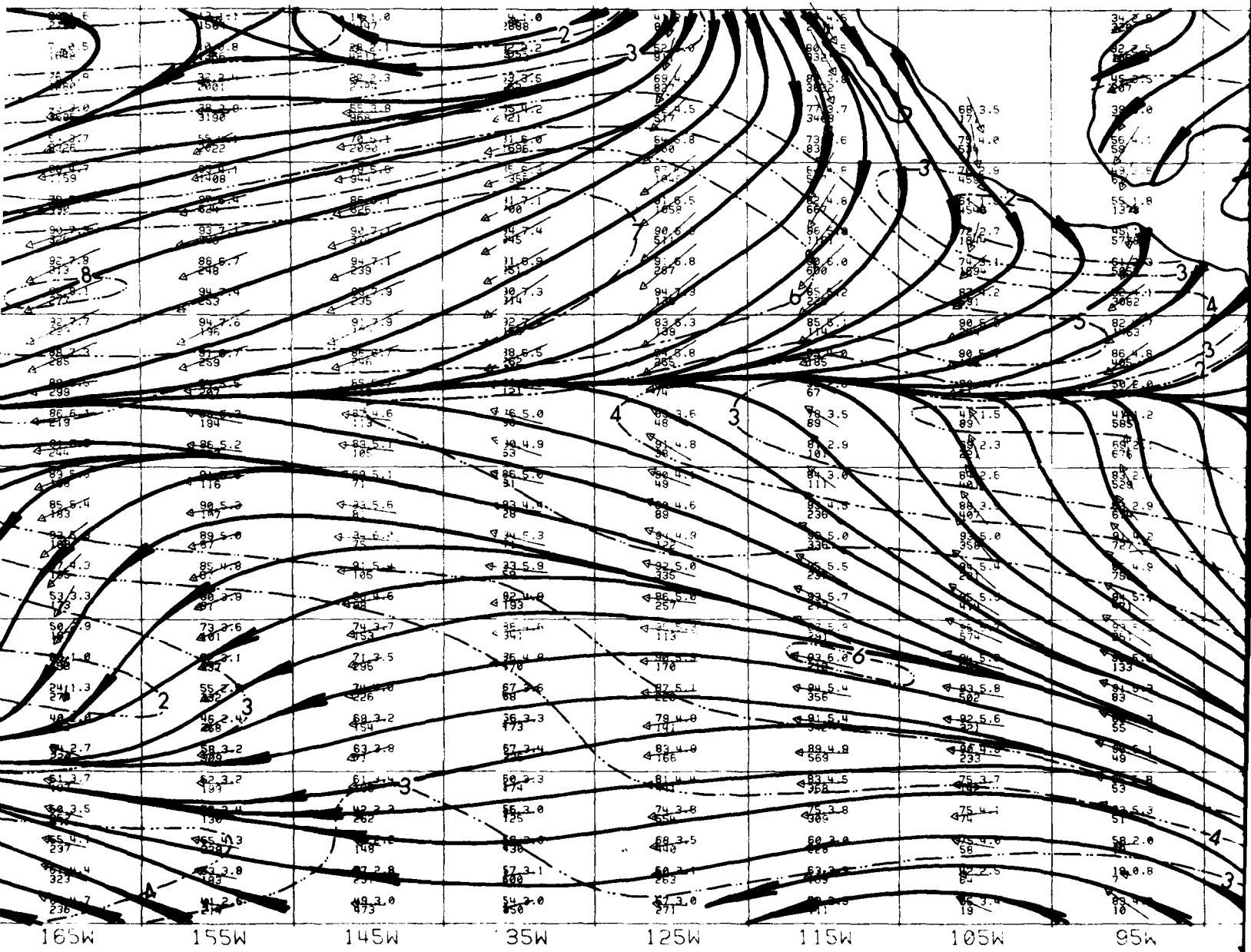




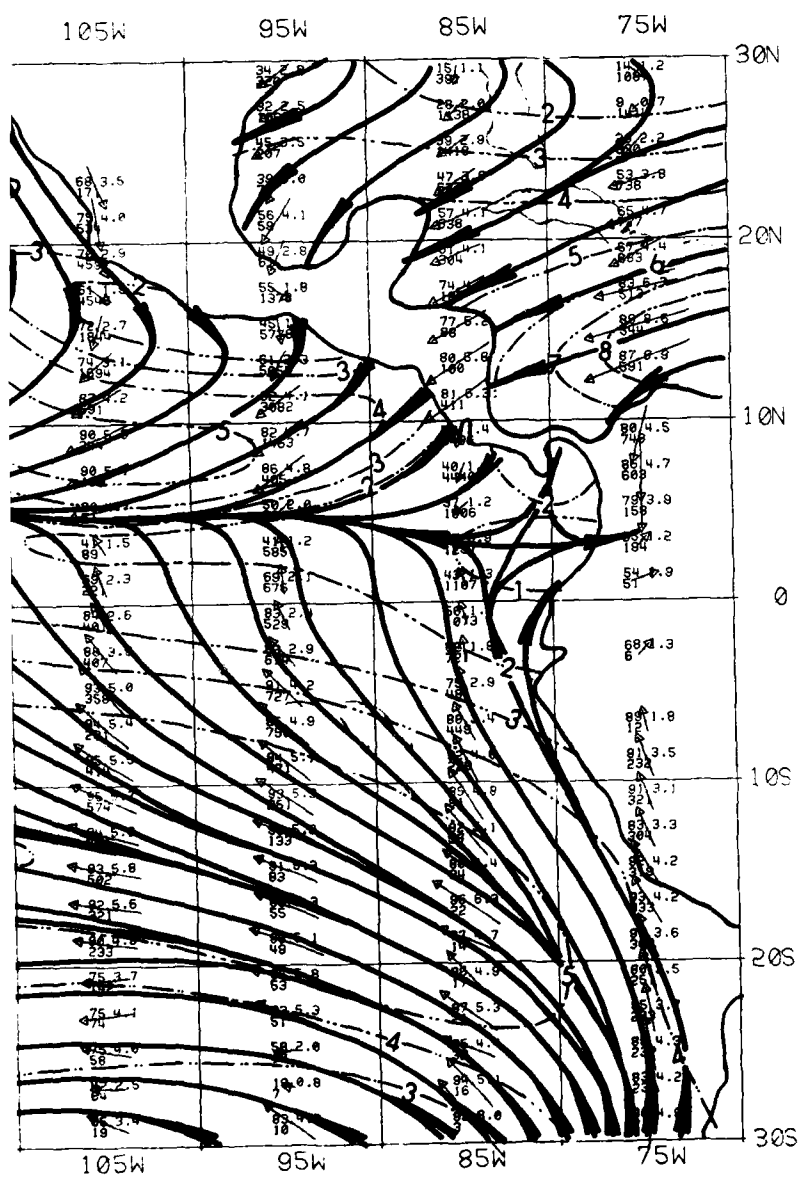
FEBRUARY  
1947-1979

LONG TERM SHIP WIND MEAN 1947-1979 MON

165W 155W 145W 135W 125W 115W 105W 95W



# NE





180W

160W

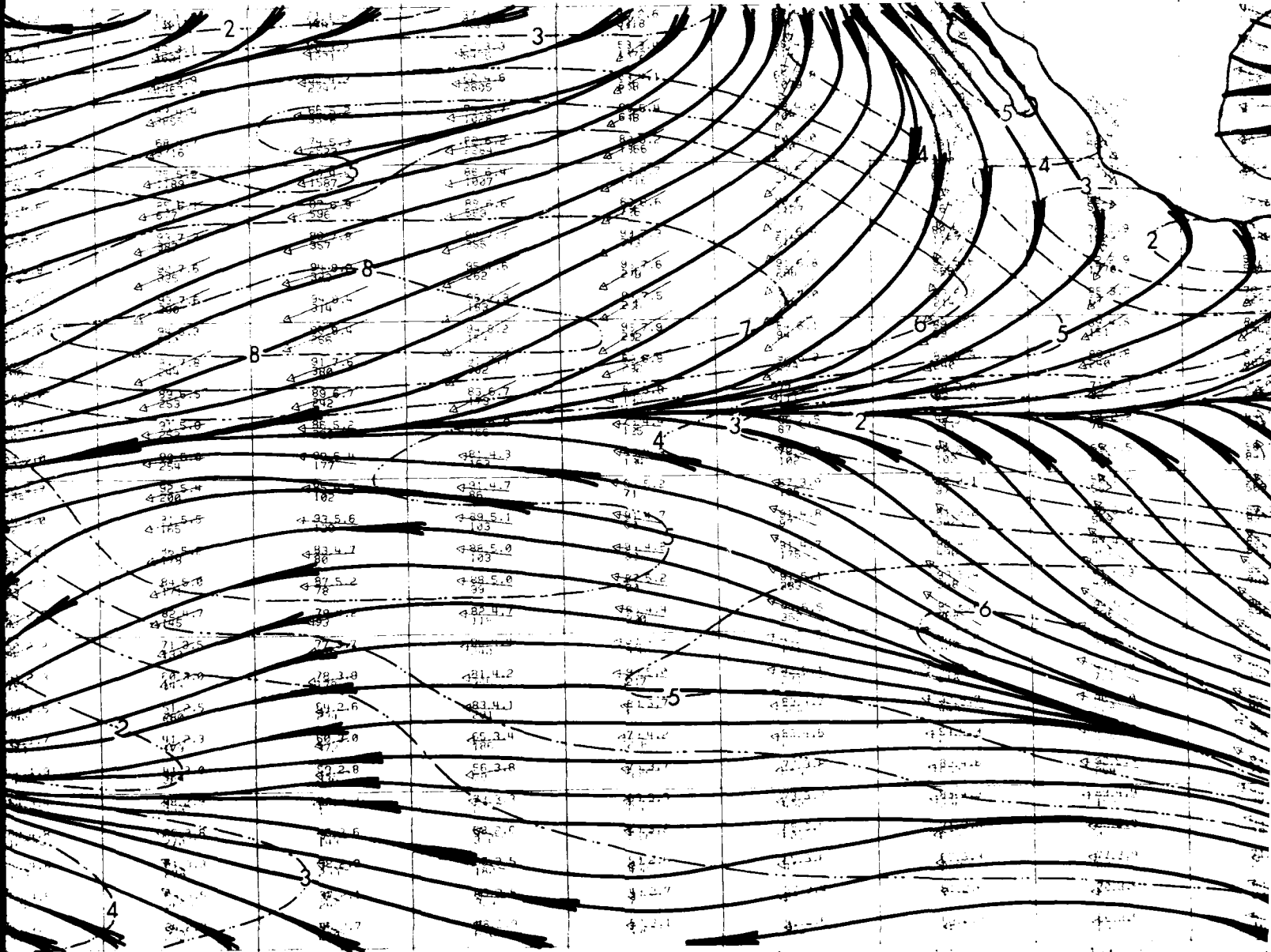
140W

120W

100W

80W

60W



180W

160W

140W

120W

100W

80W

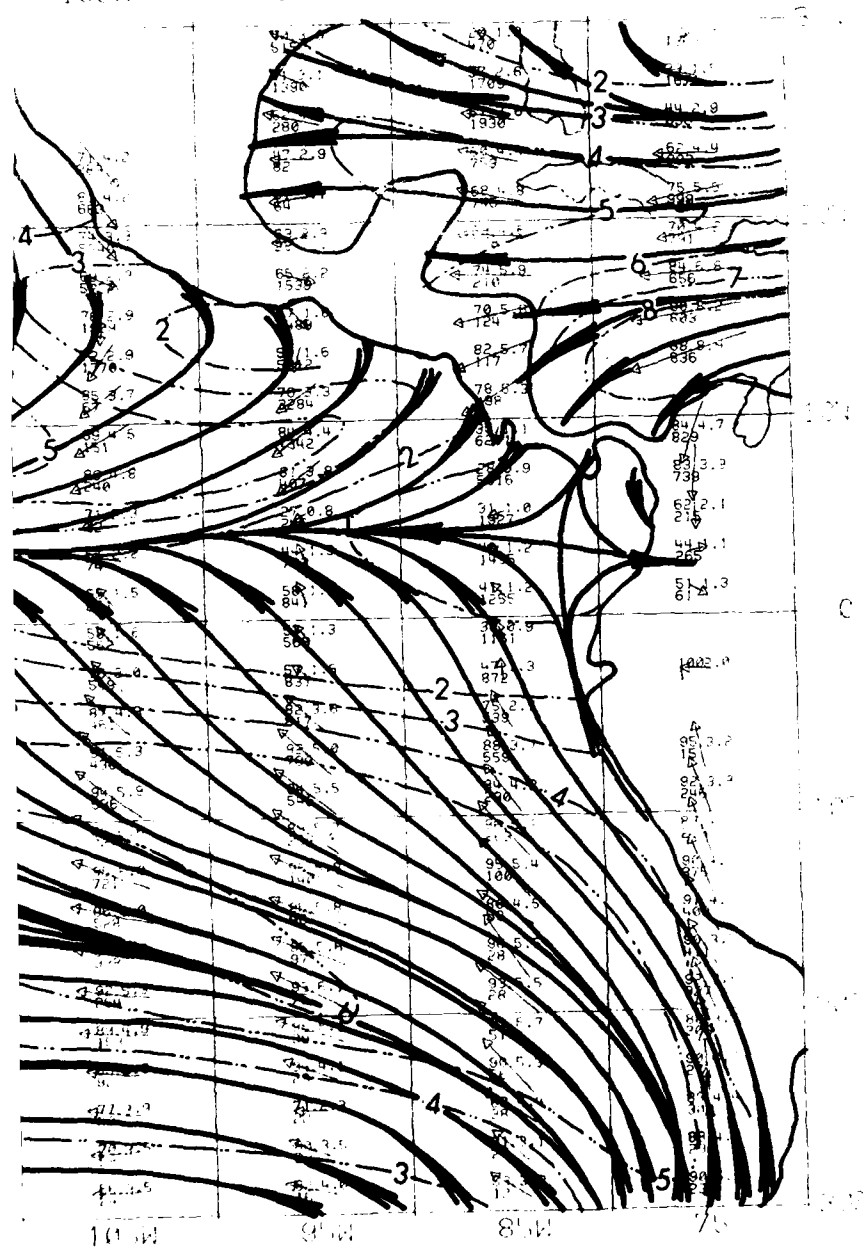
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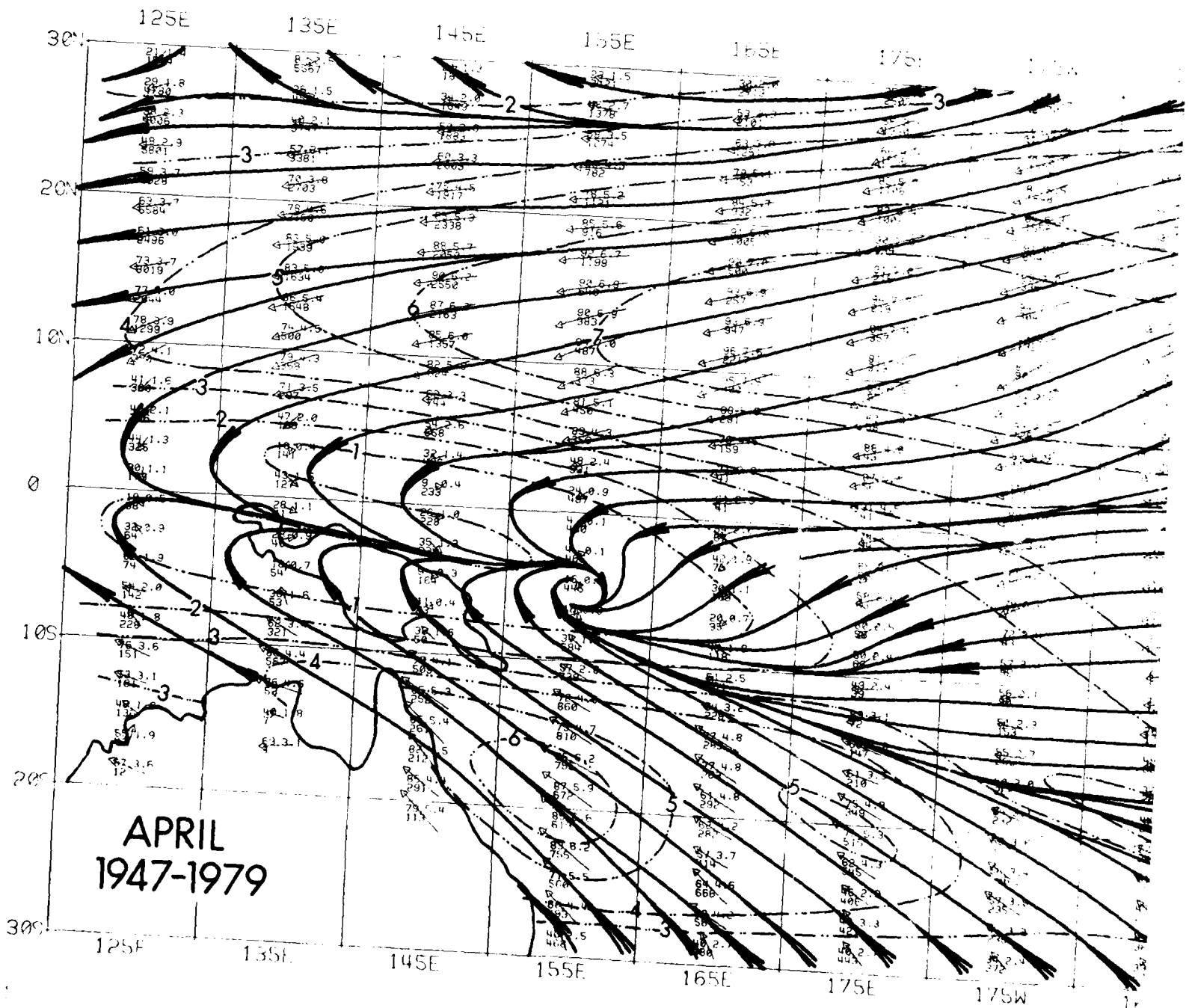
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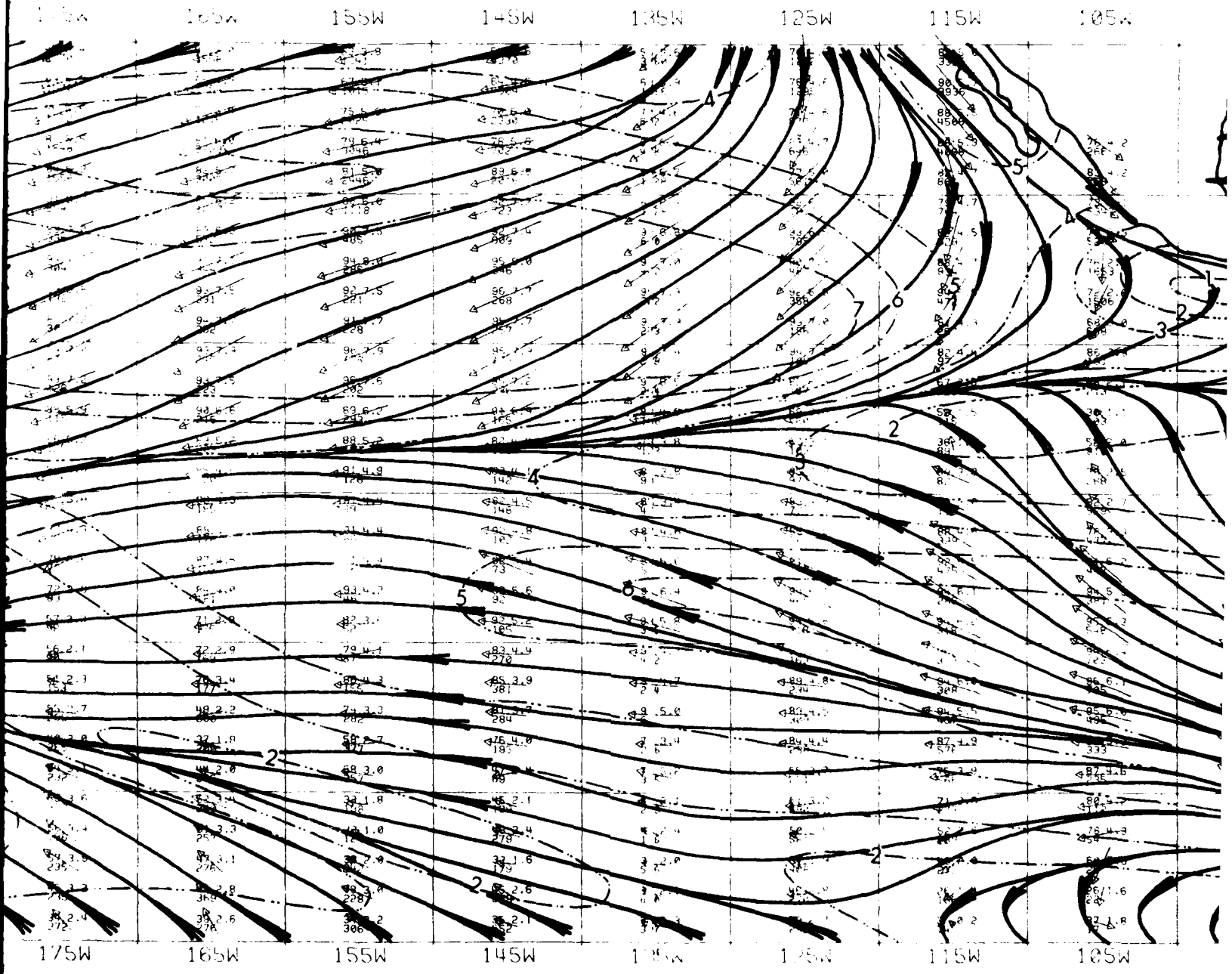
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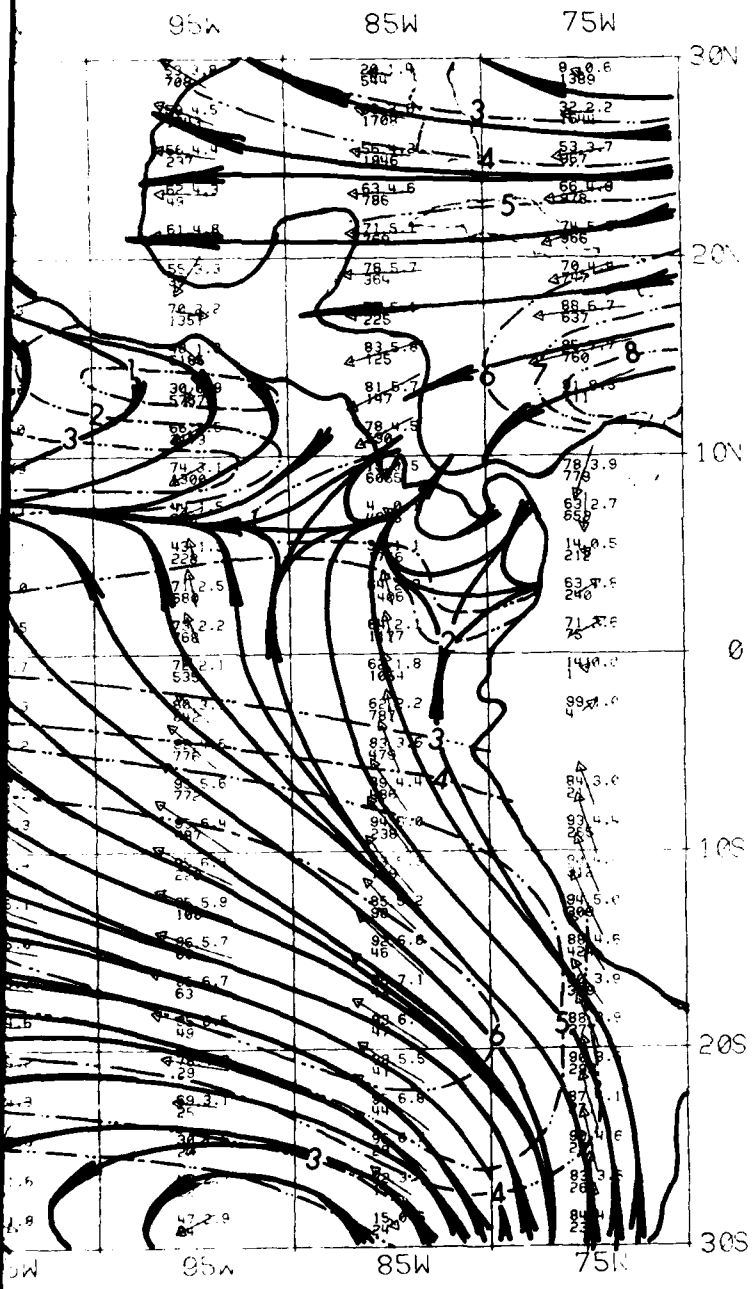
75W

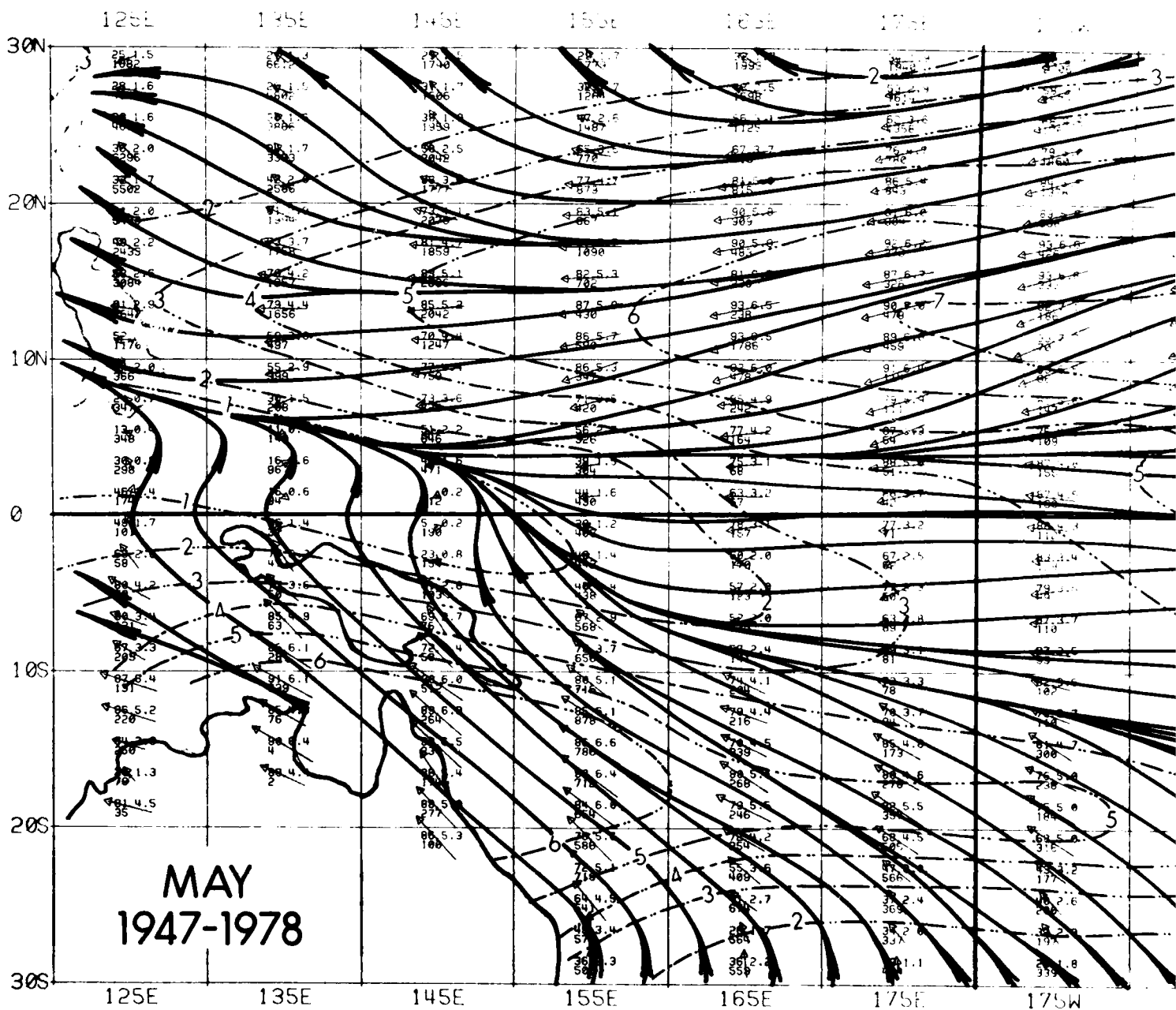




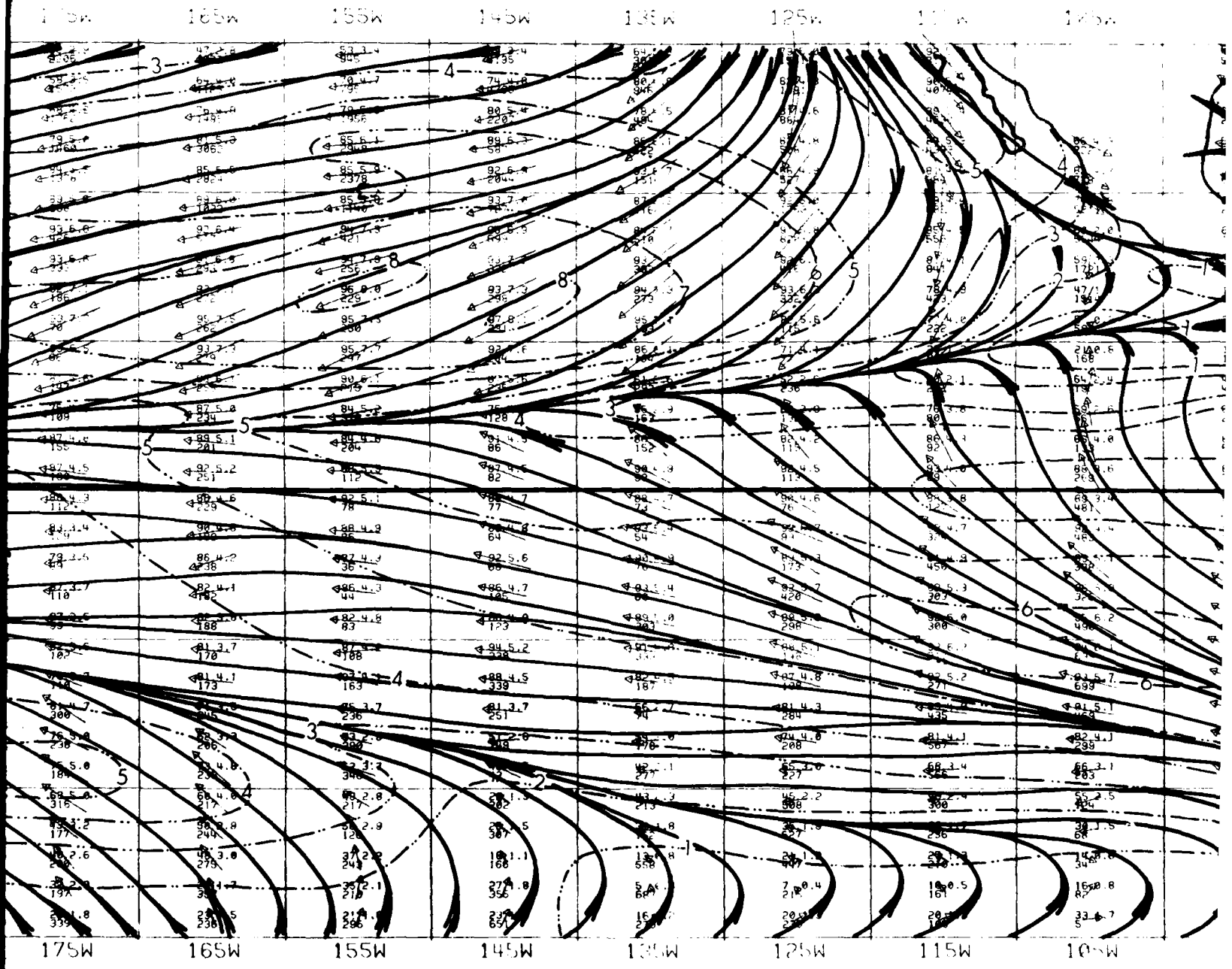
LONG TERM SHIP WIND MEAN 1947-1979



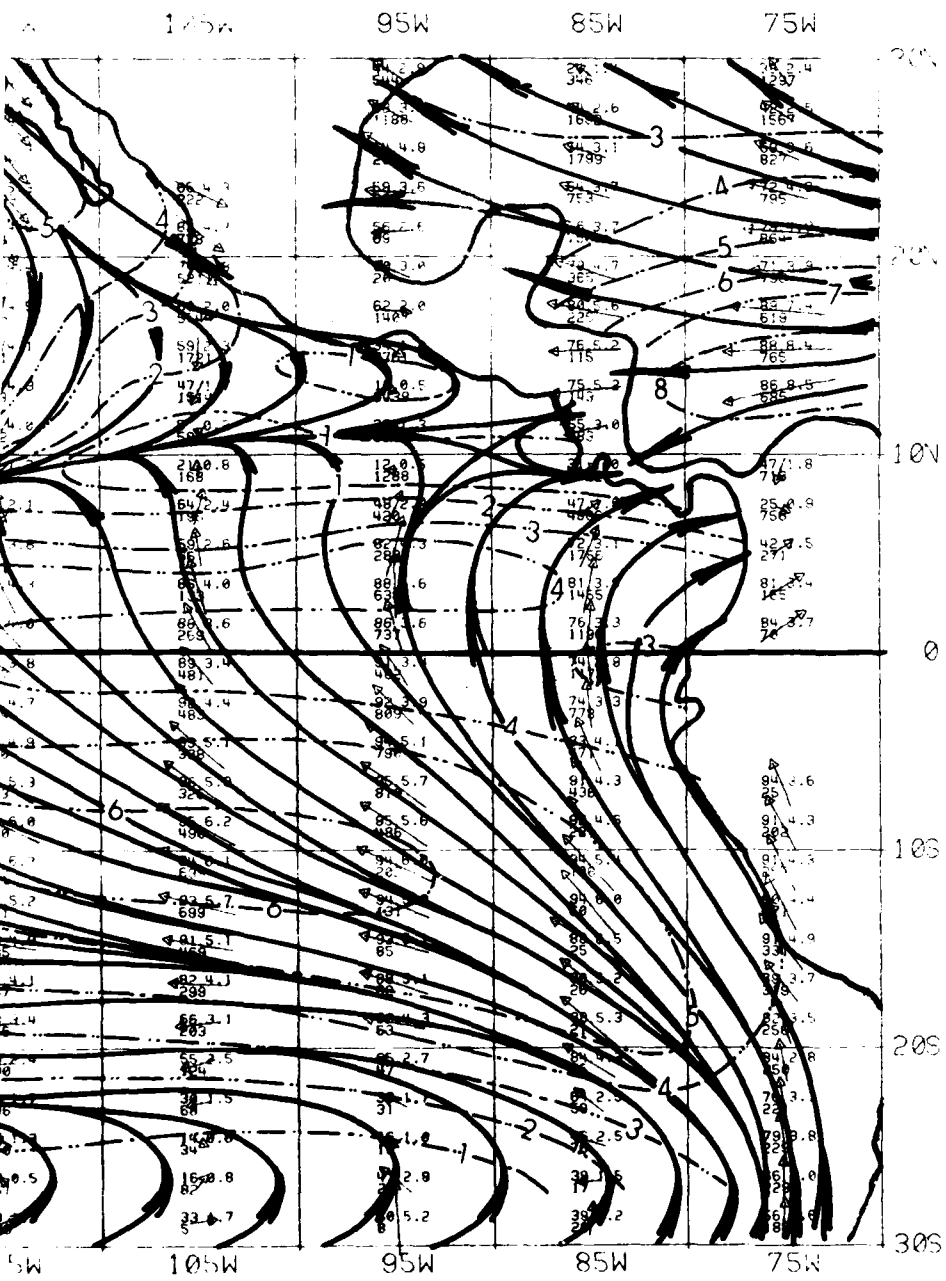




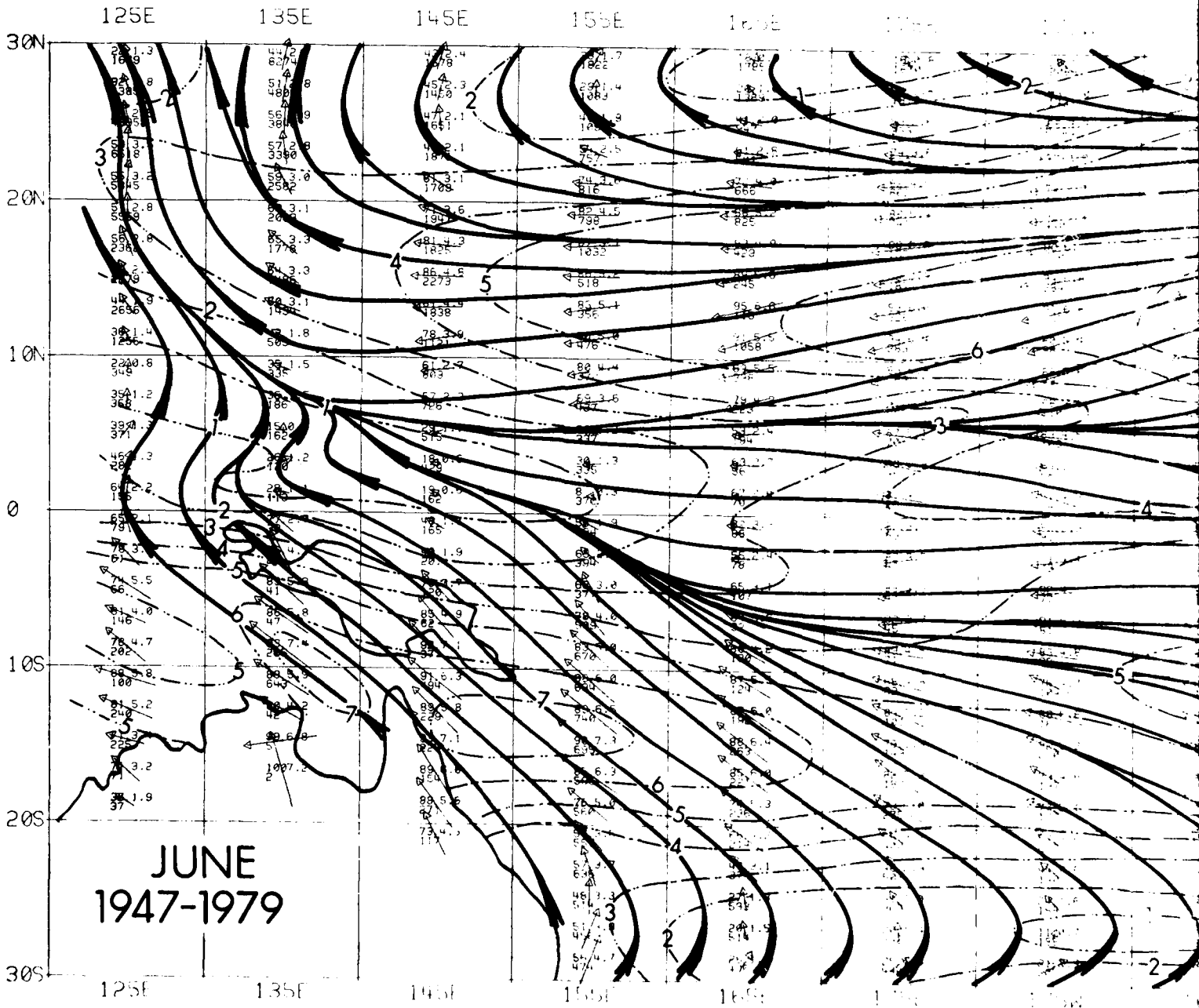
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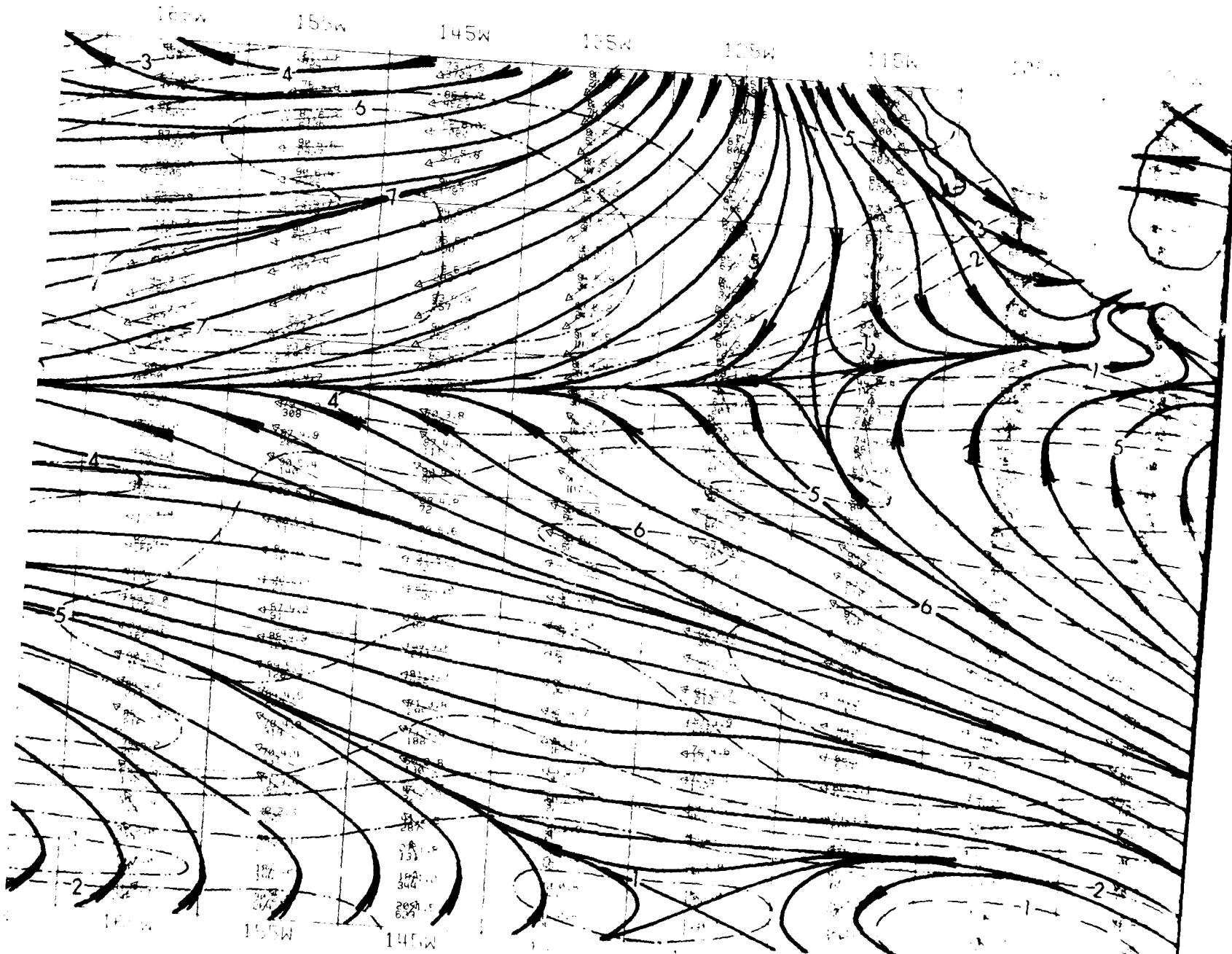


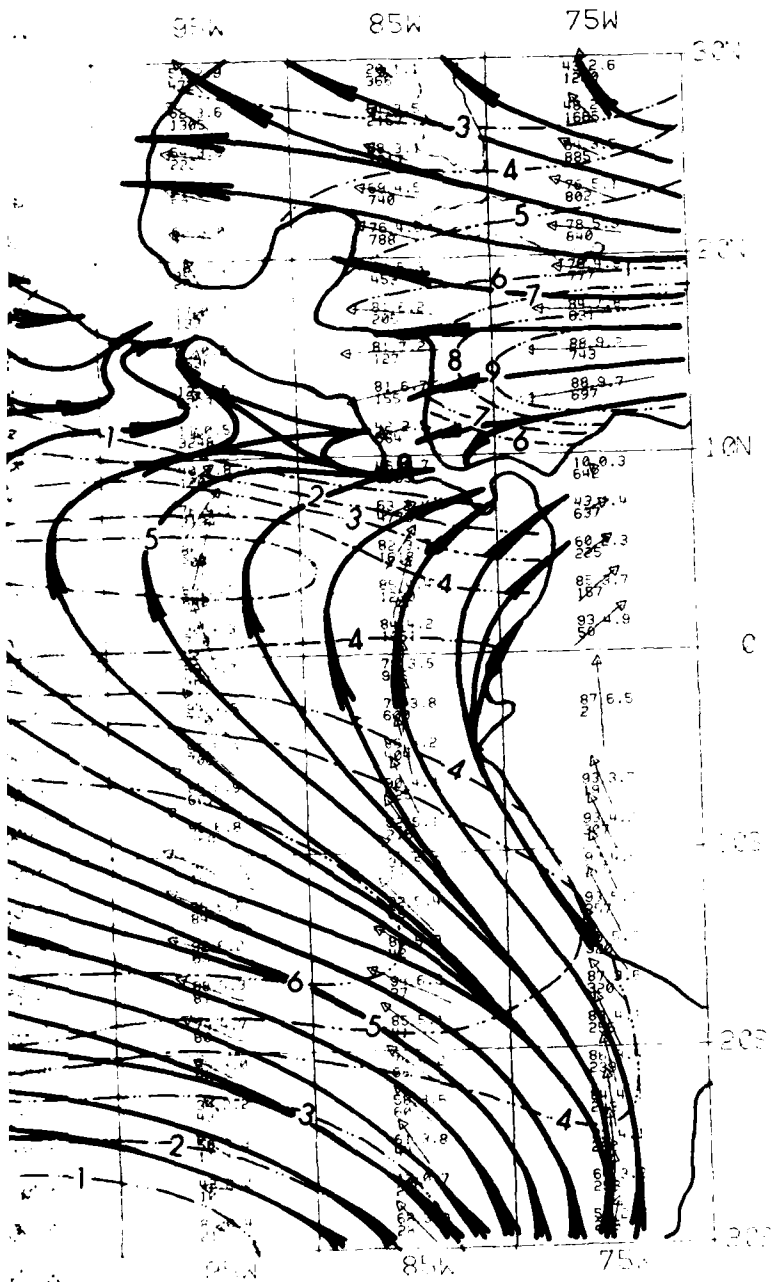
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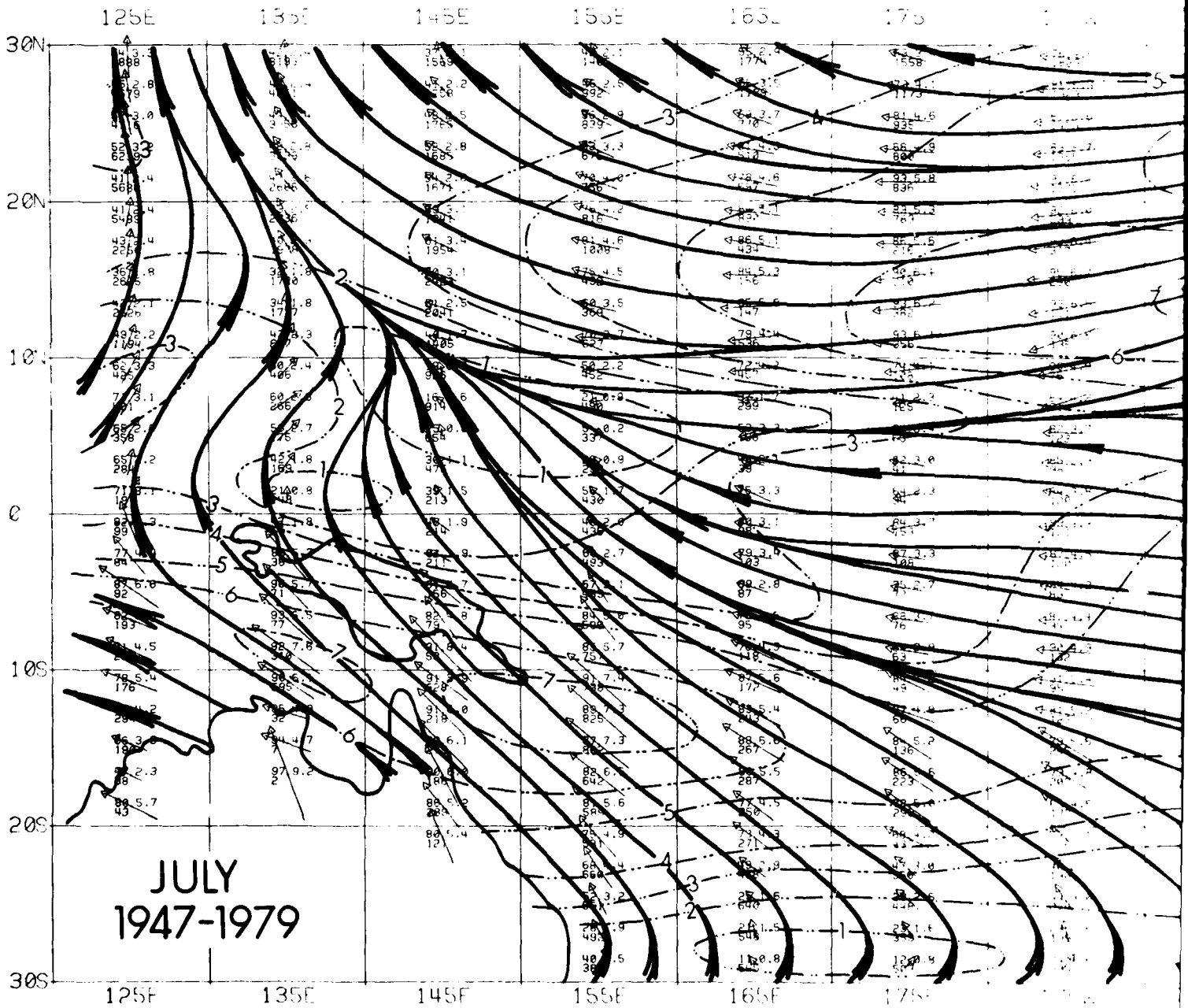


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175W

185W

195W

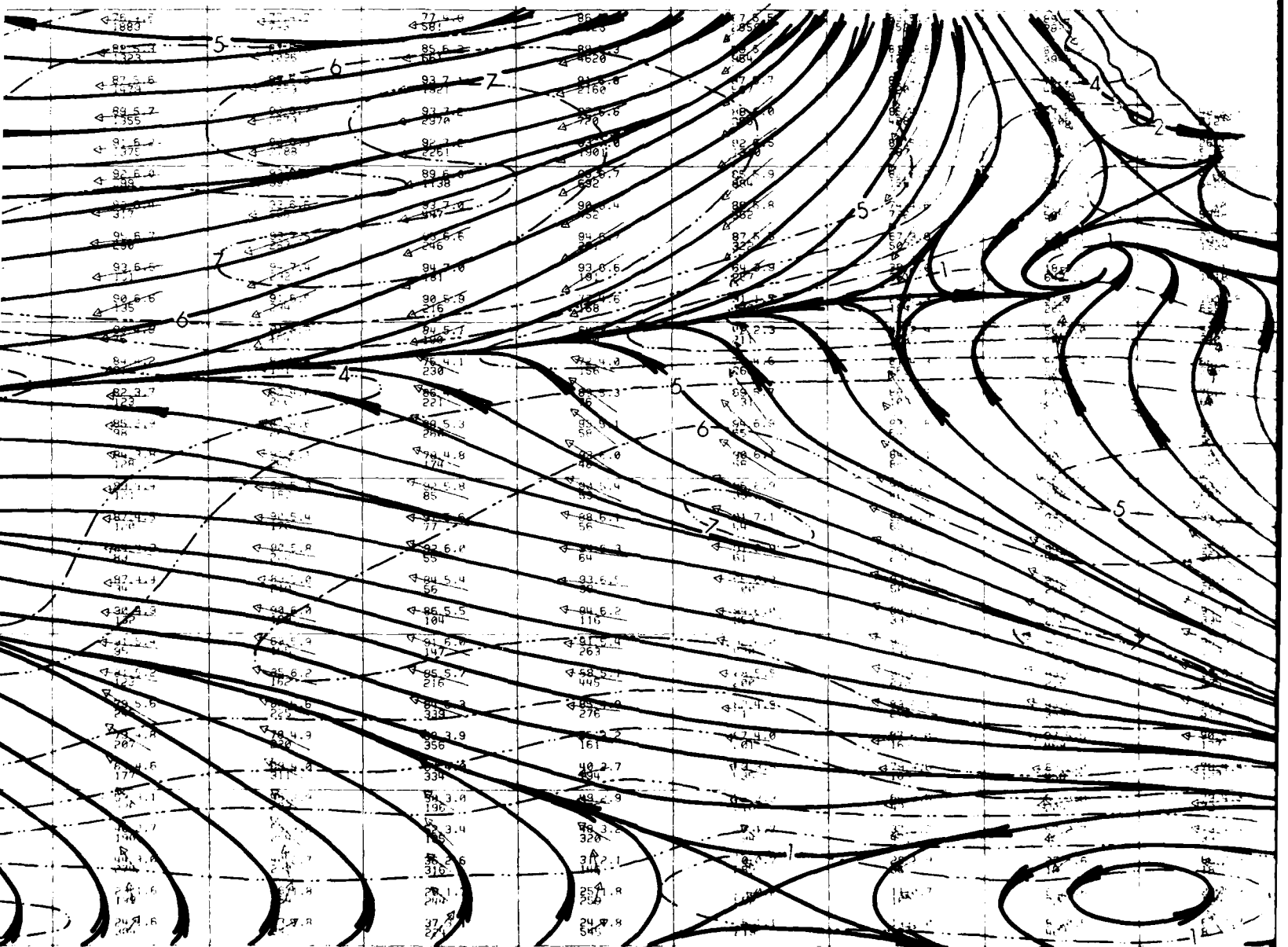
145W

135W

125W

115W

105W



175W

185W

195W

145W

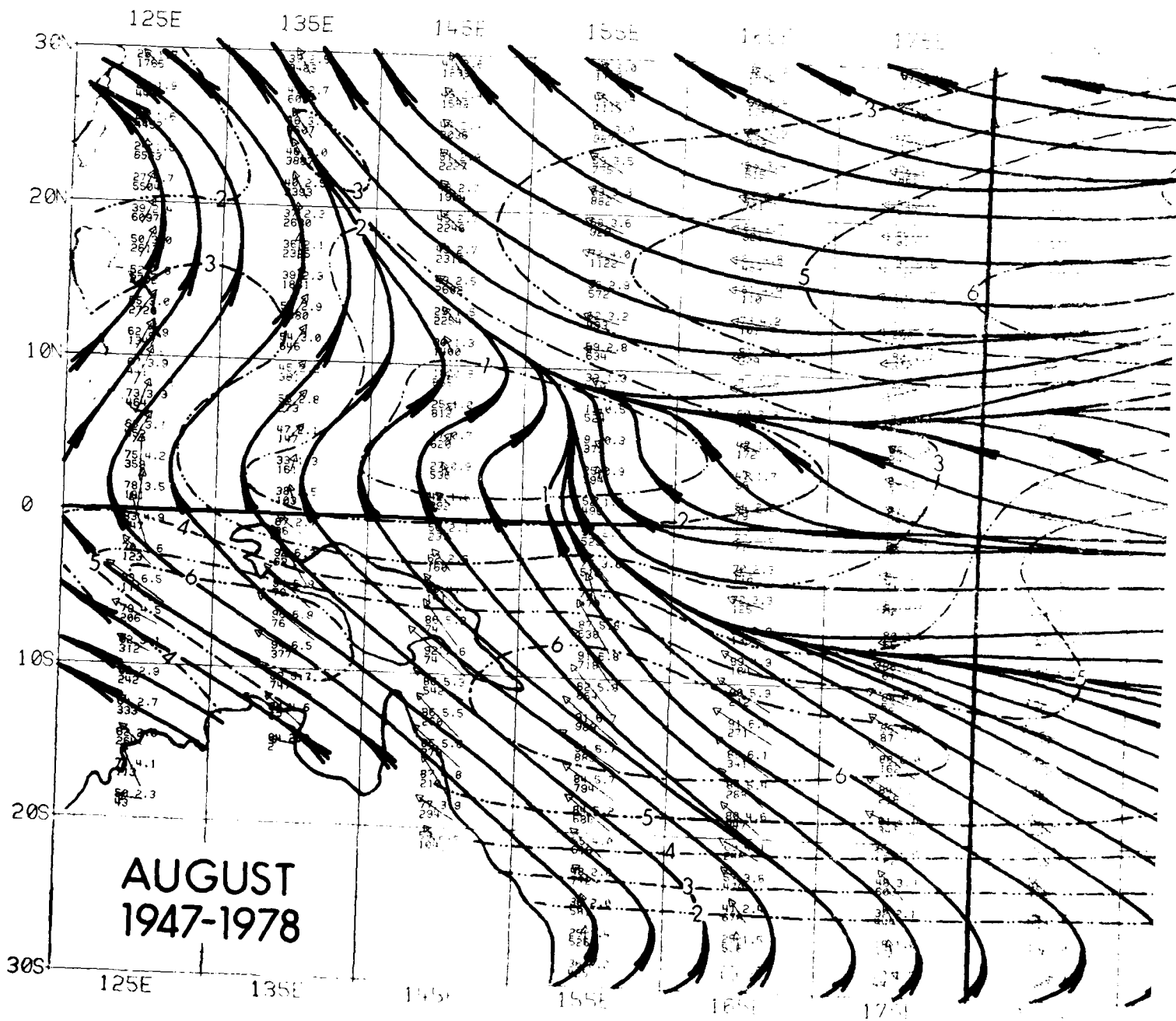
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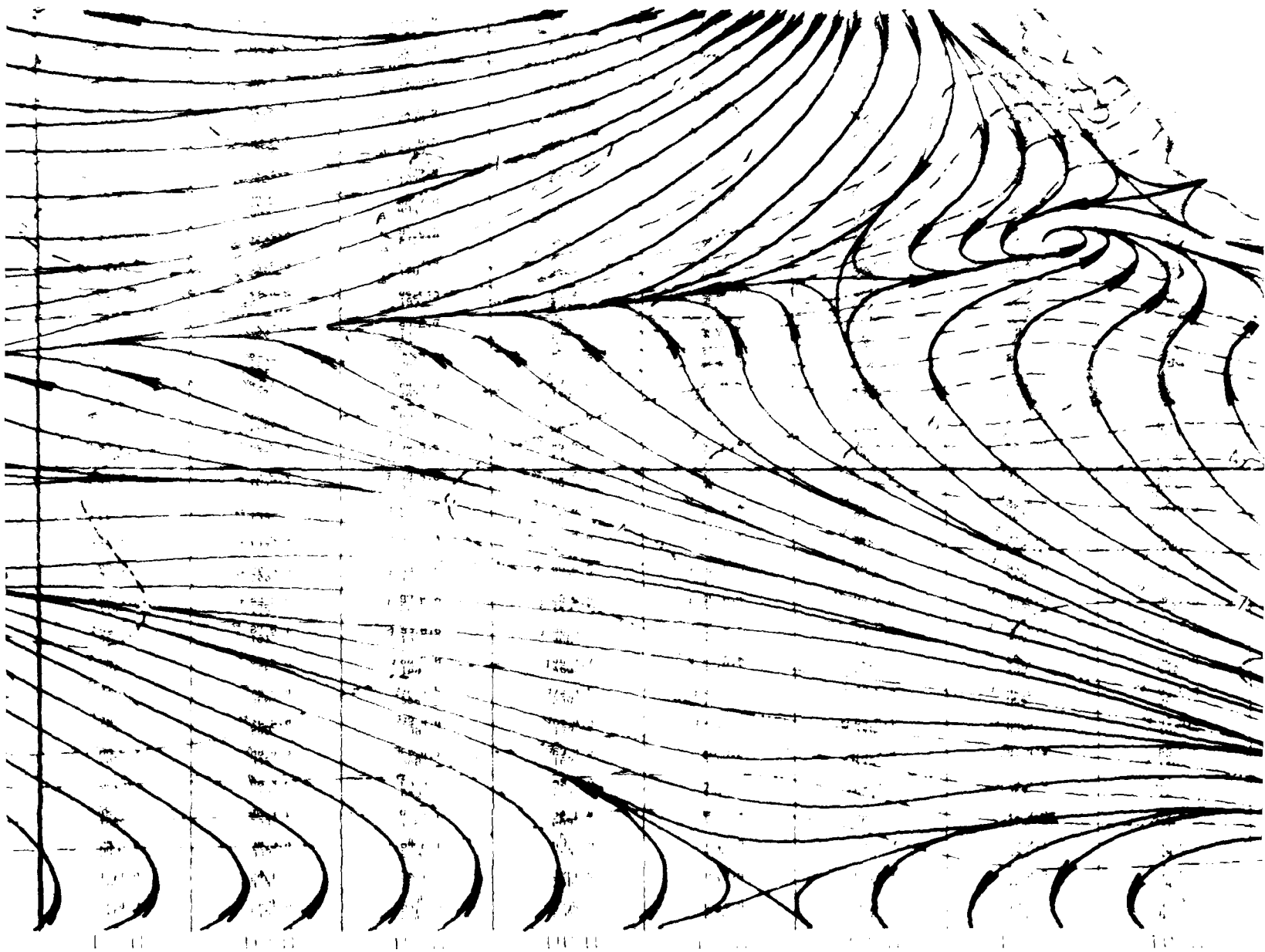
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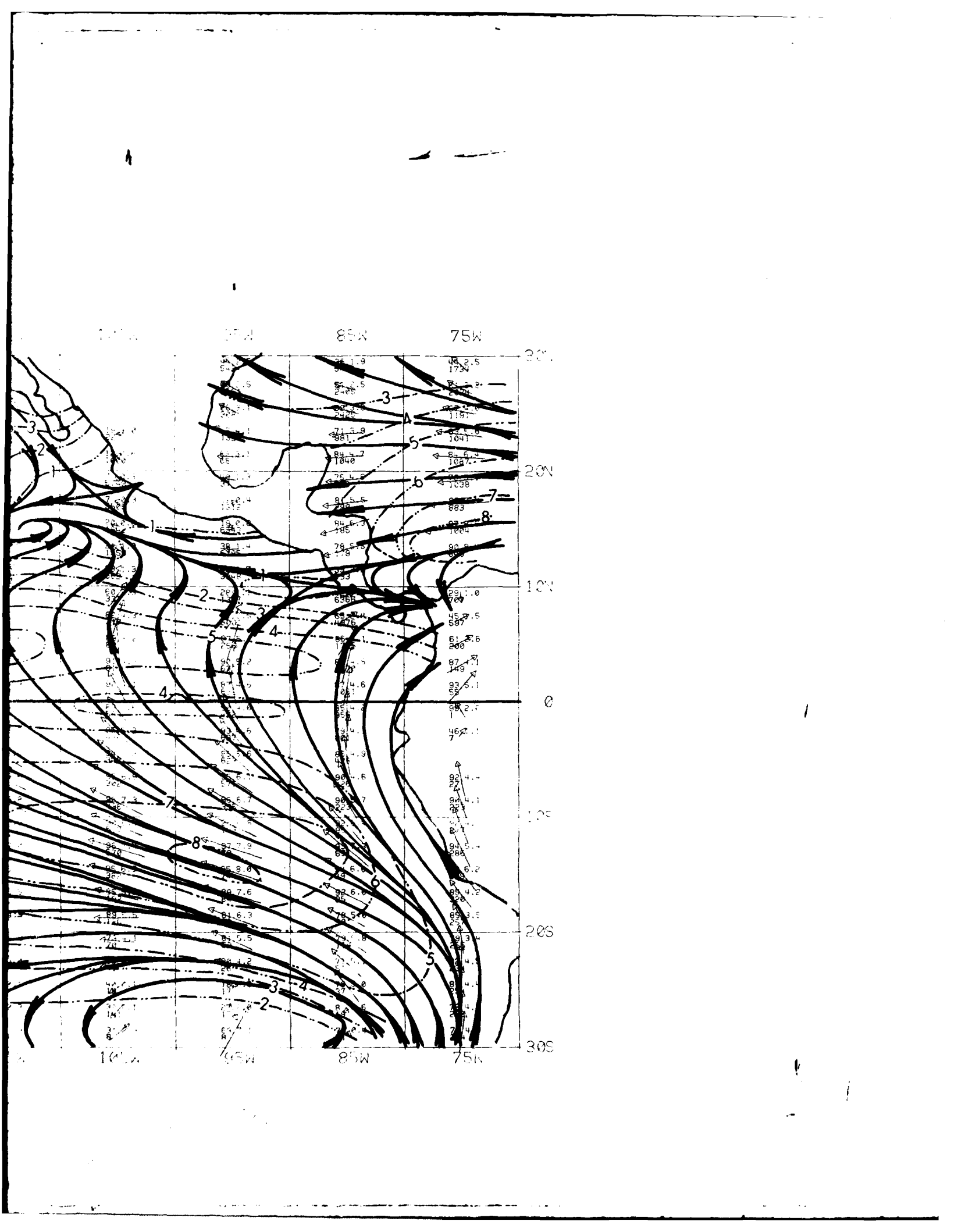
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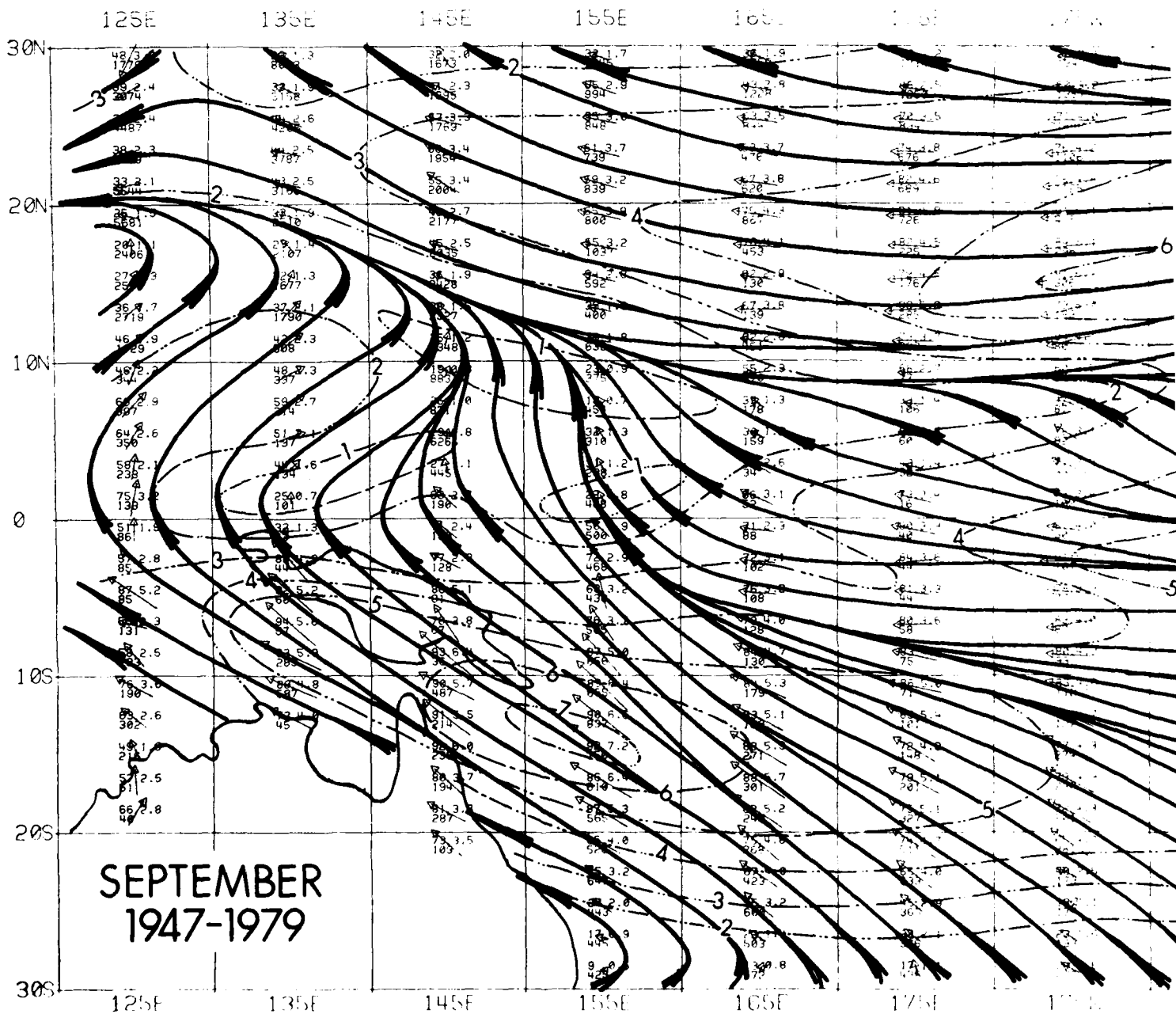




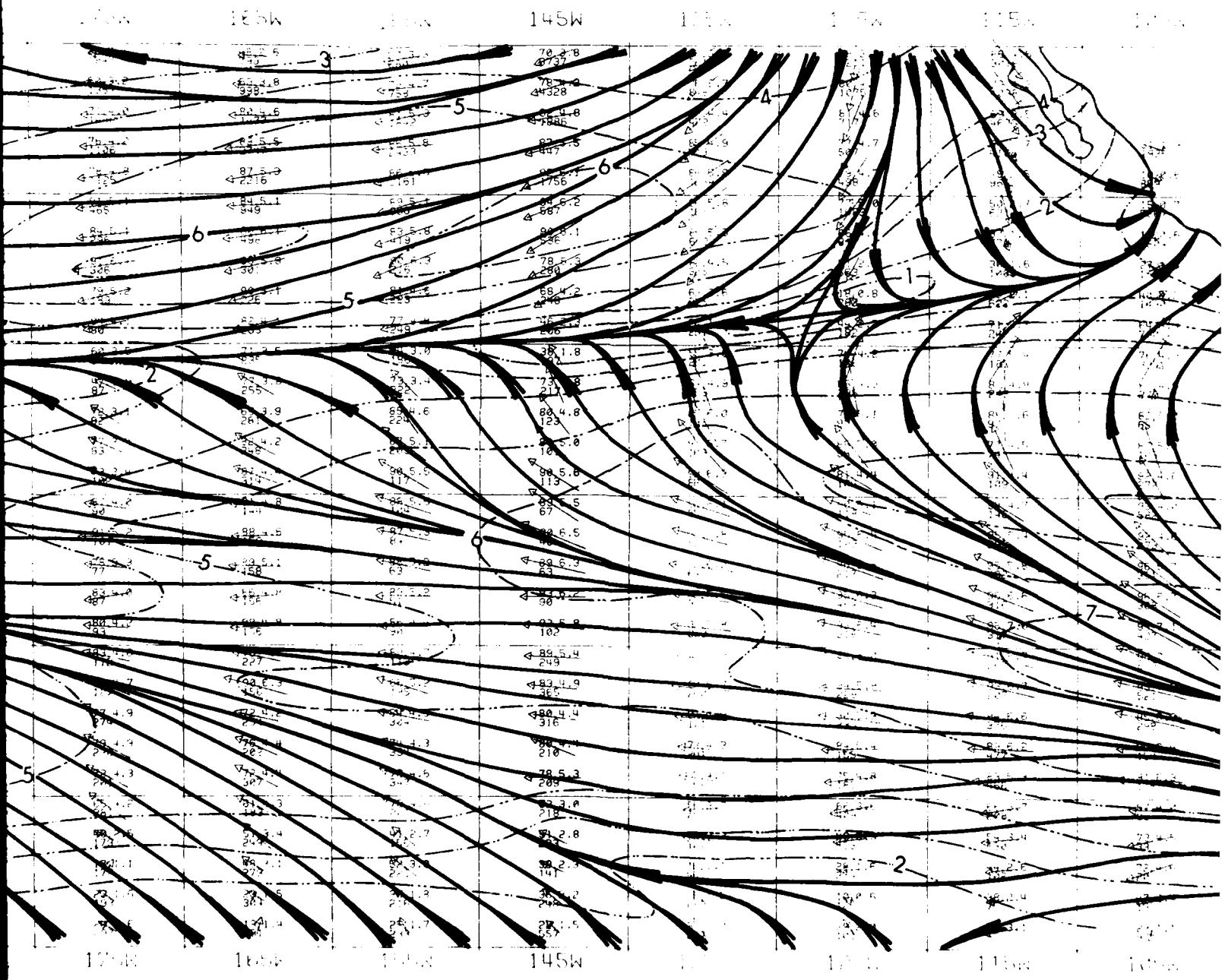
LONG TERM SHIP WIND DATA





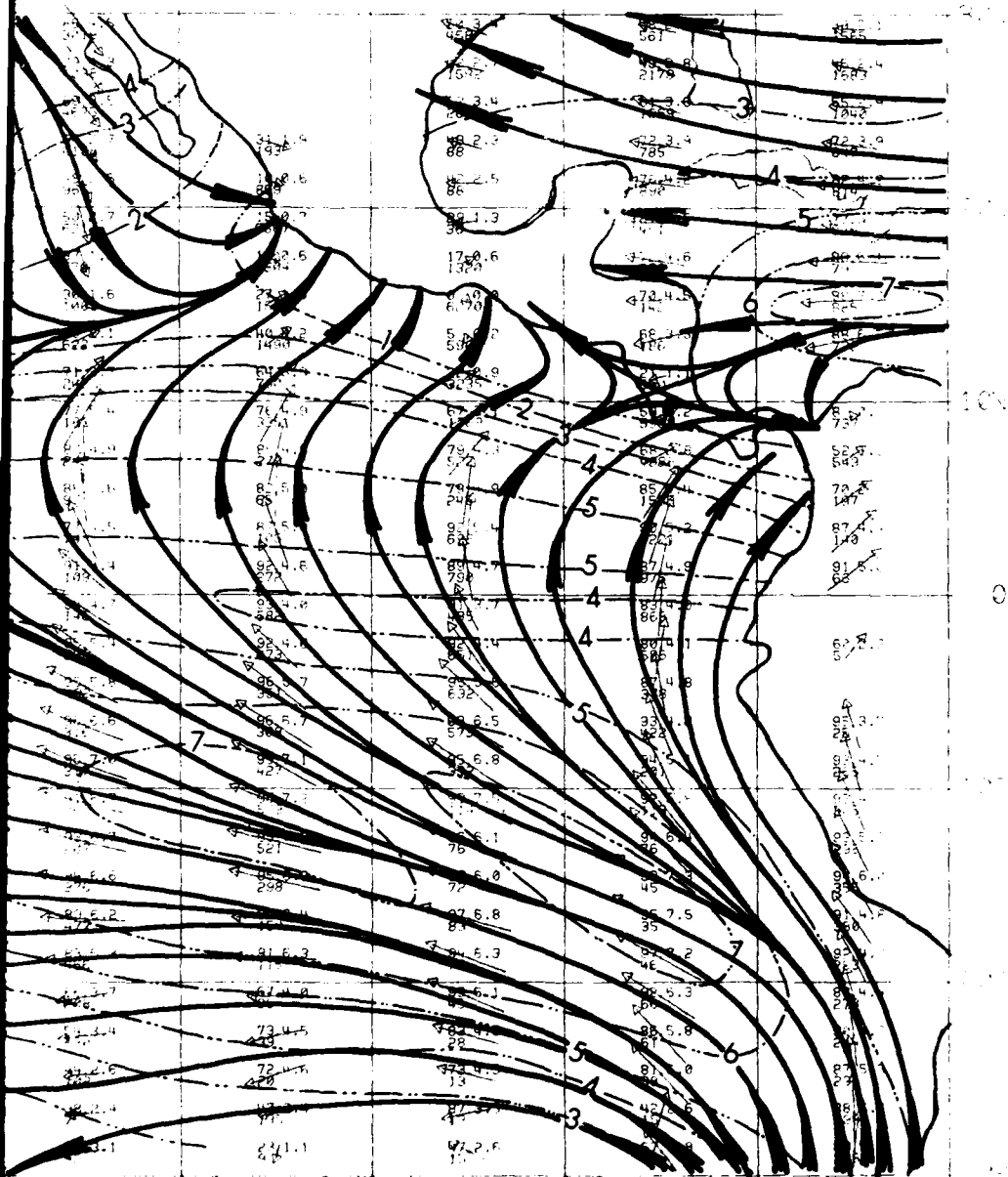


LONG TERM SHIP WIND MEAN 1947-1979

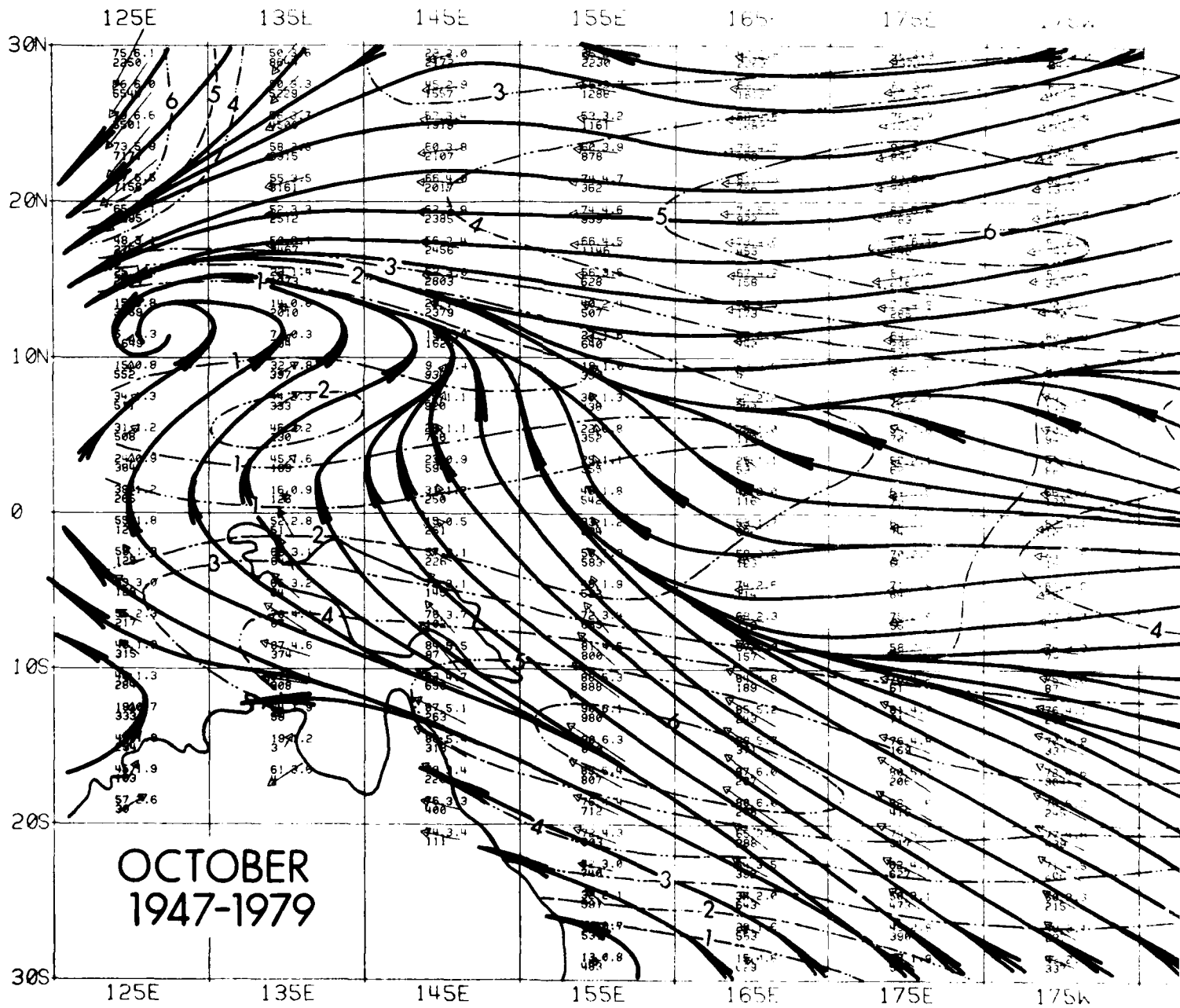


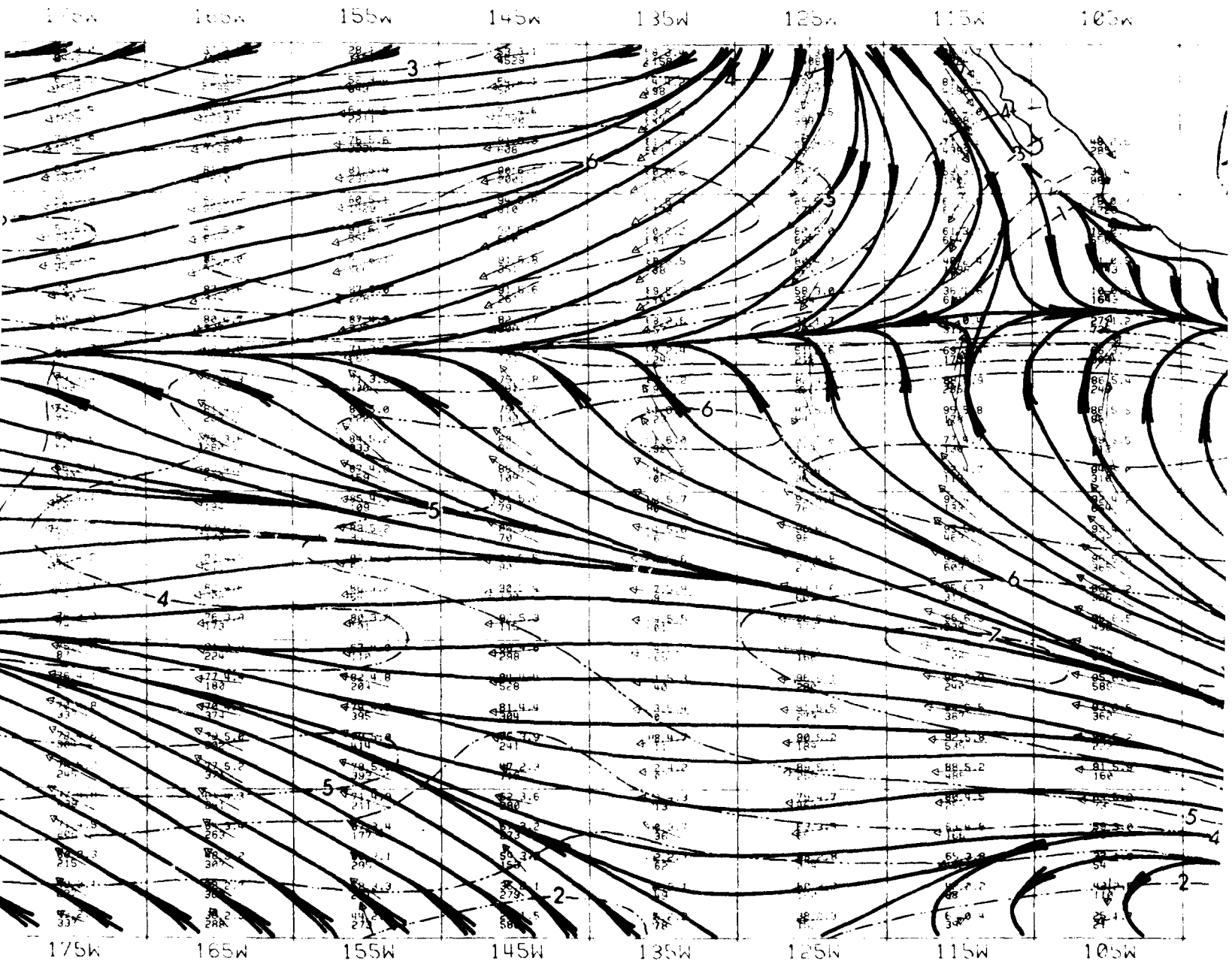
1947-1-26

115W 105W 95W 85W 75W

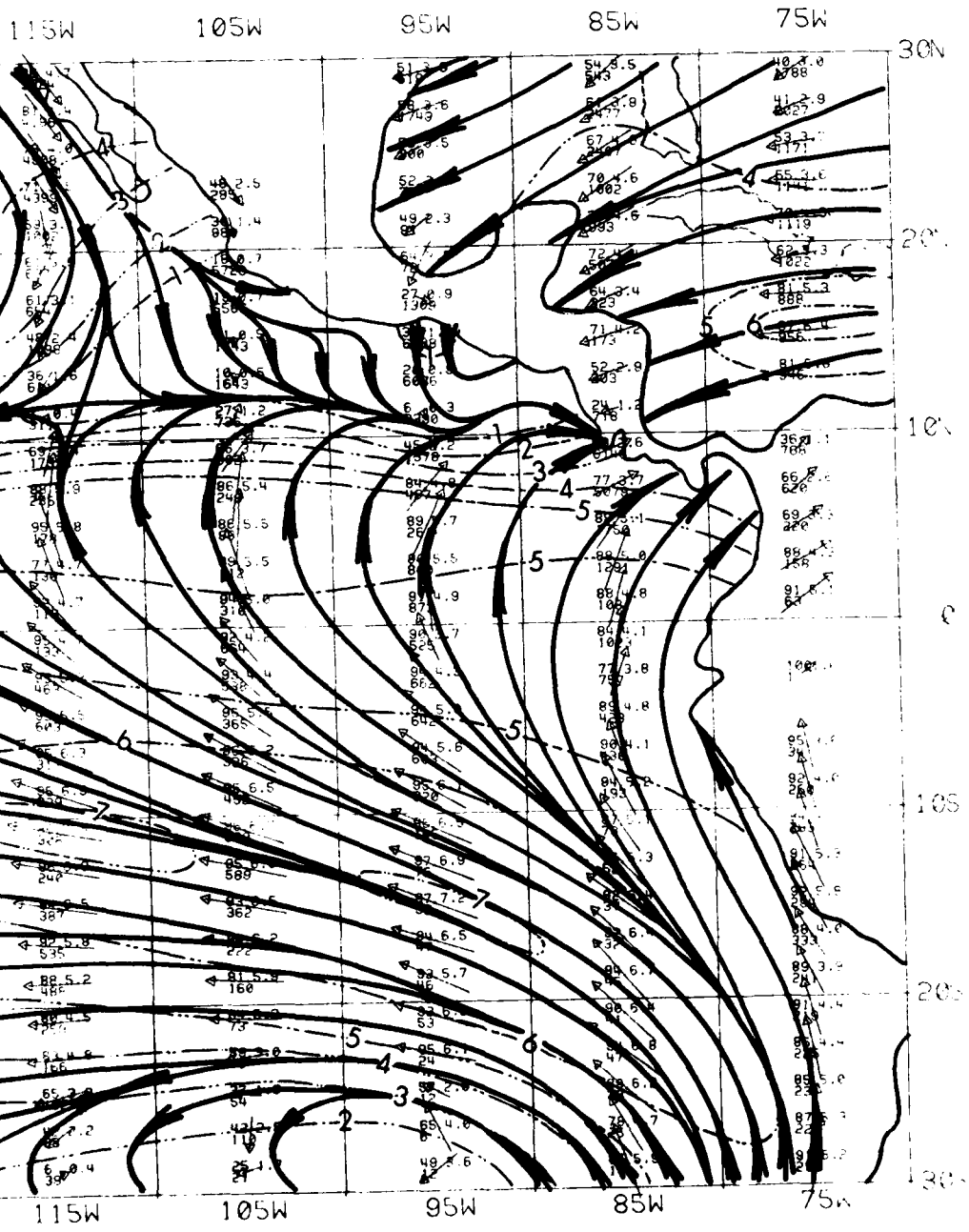


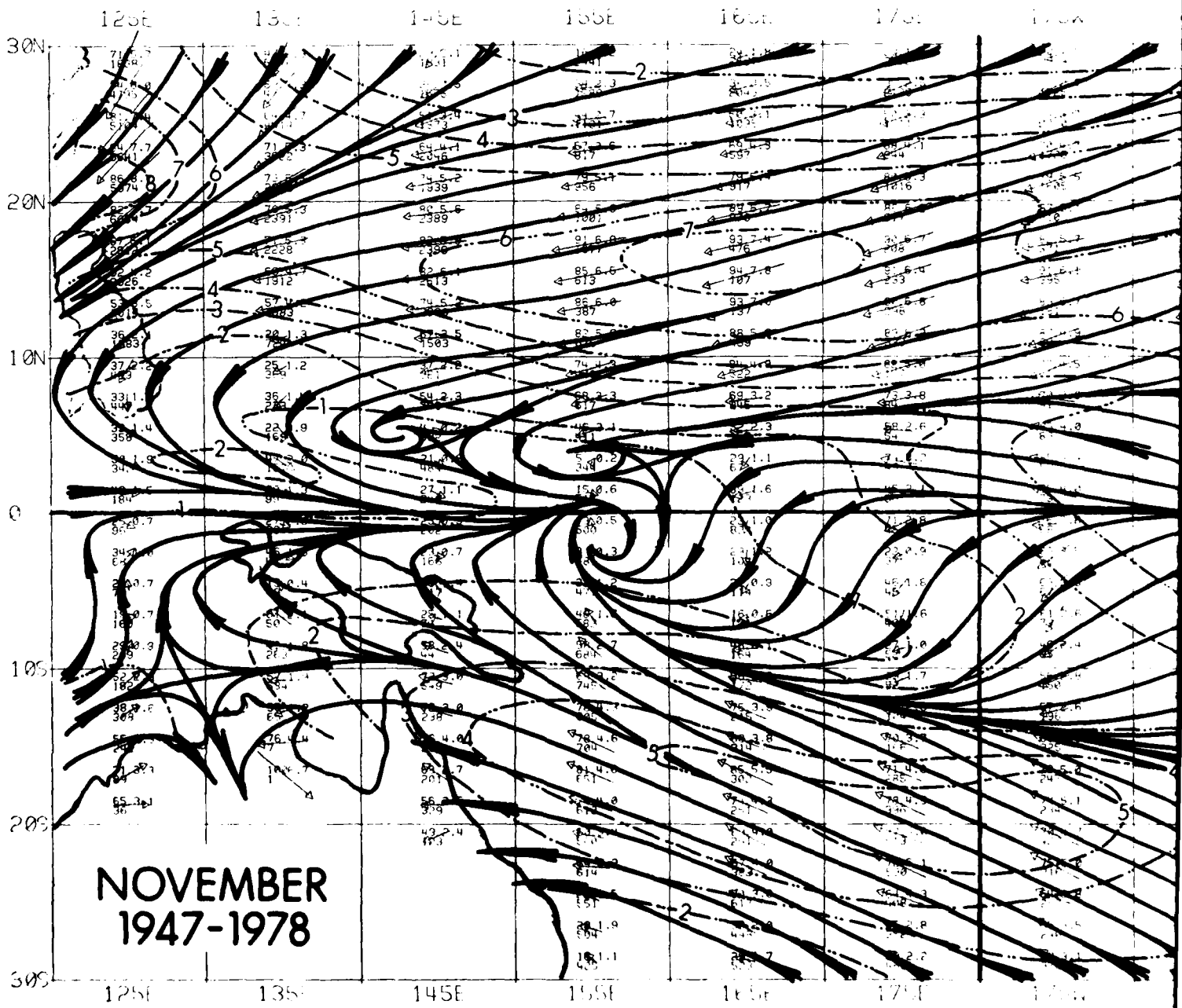
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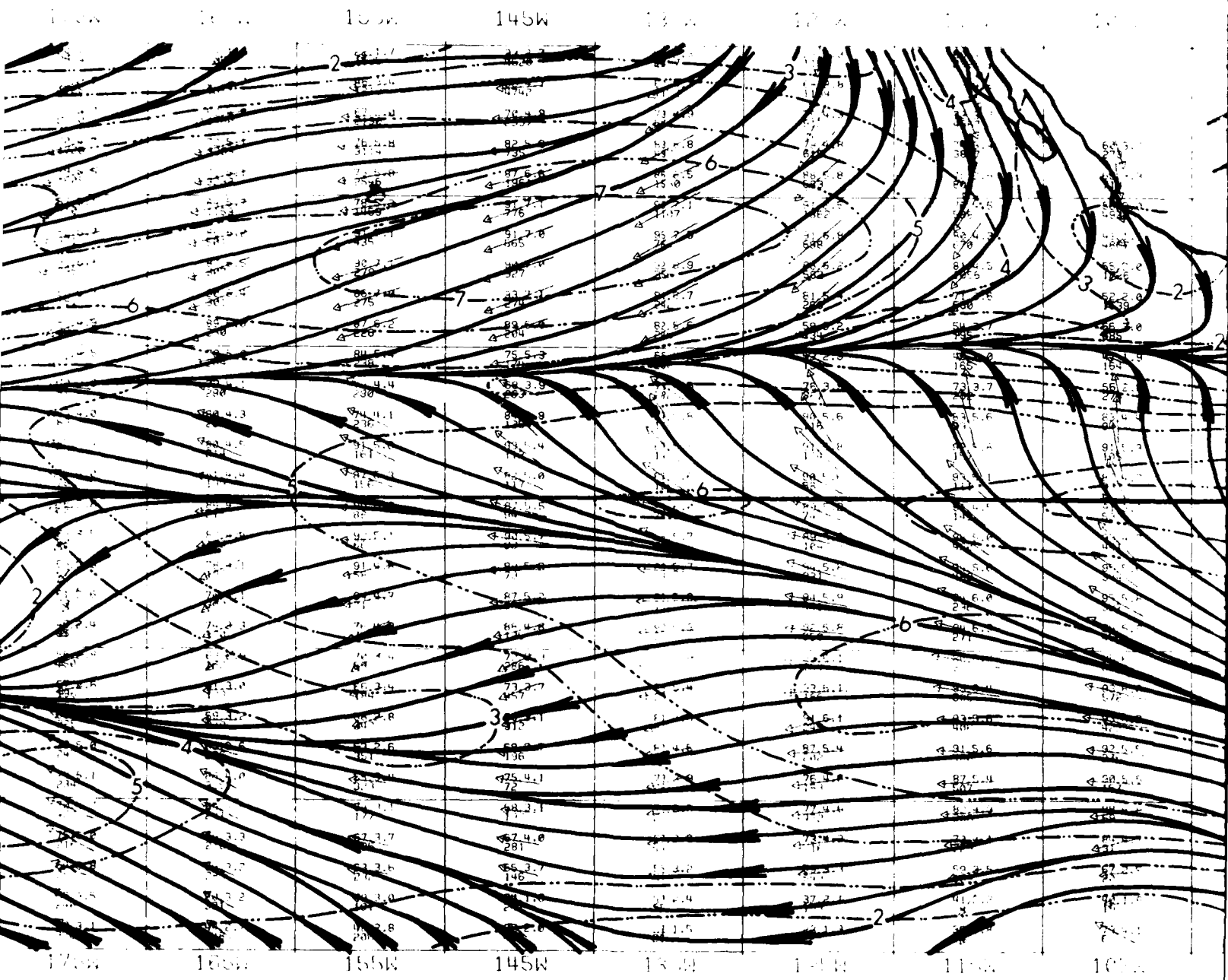


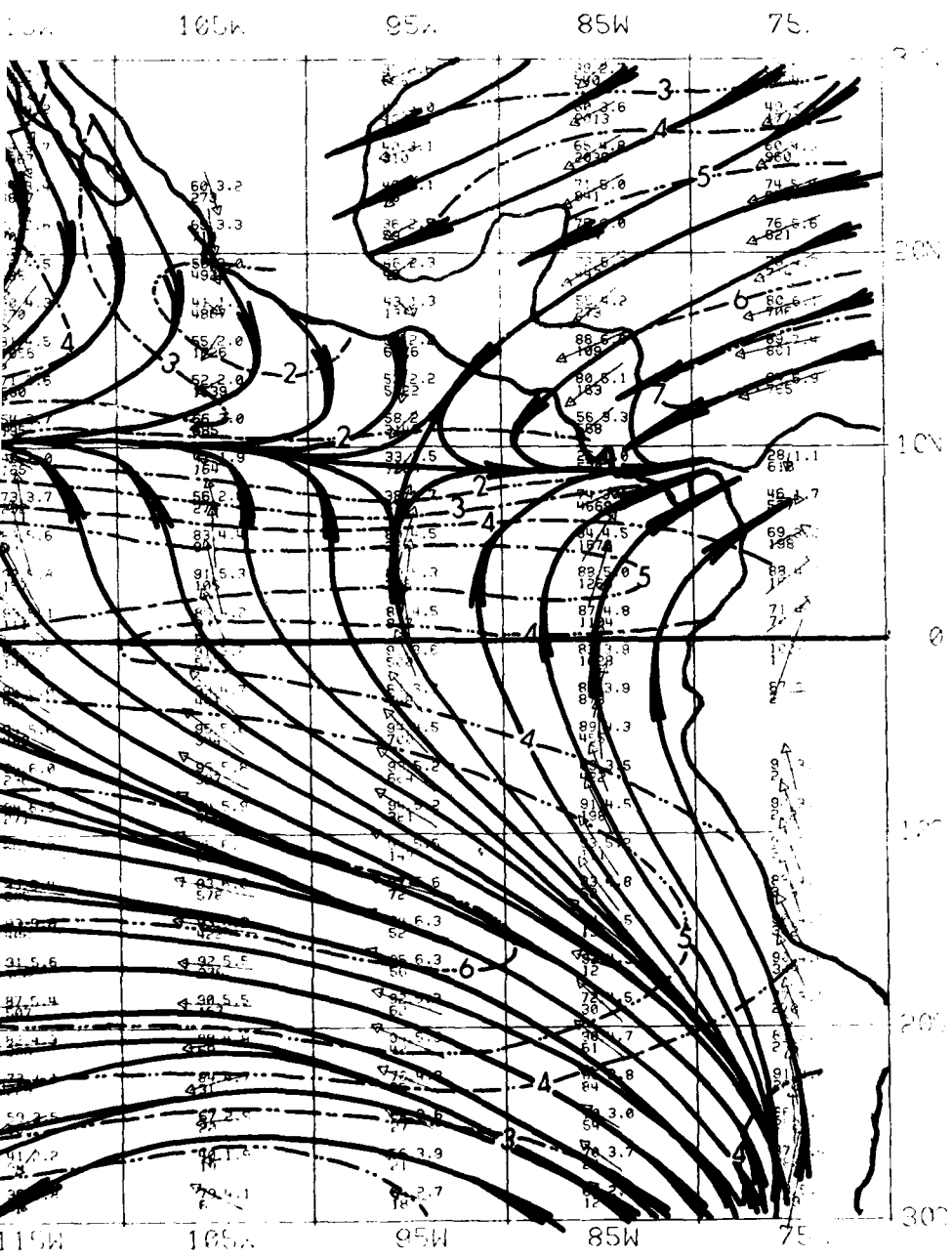
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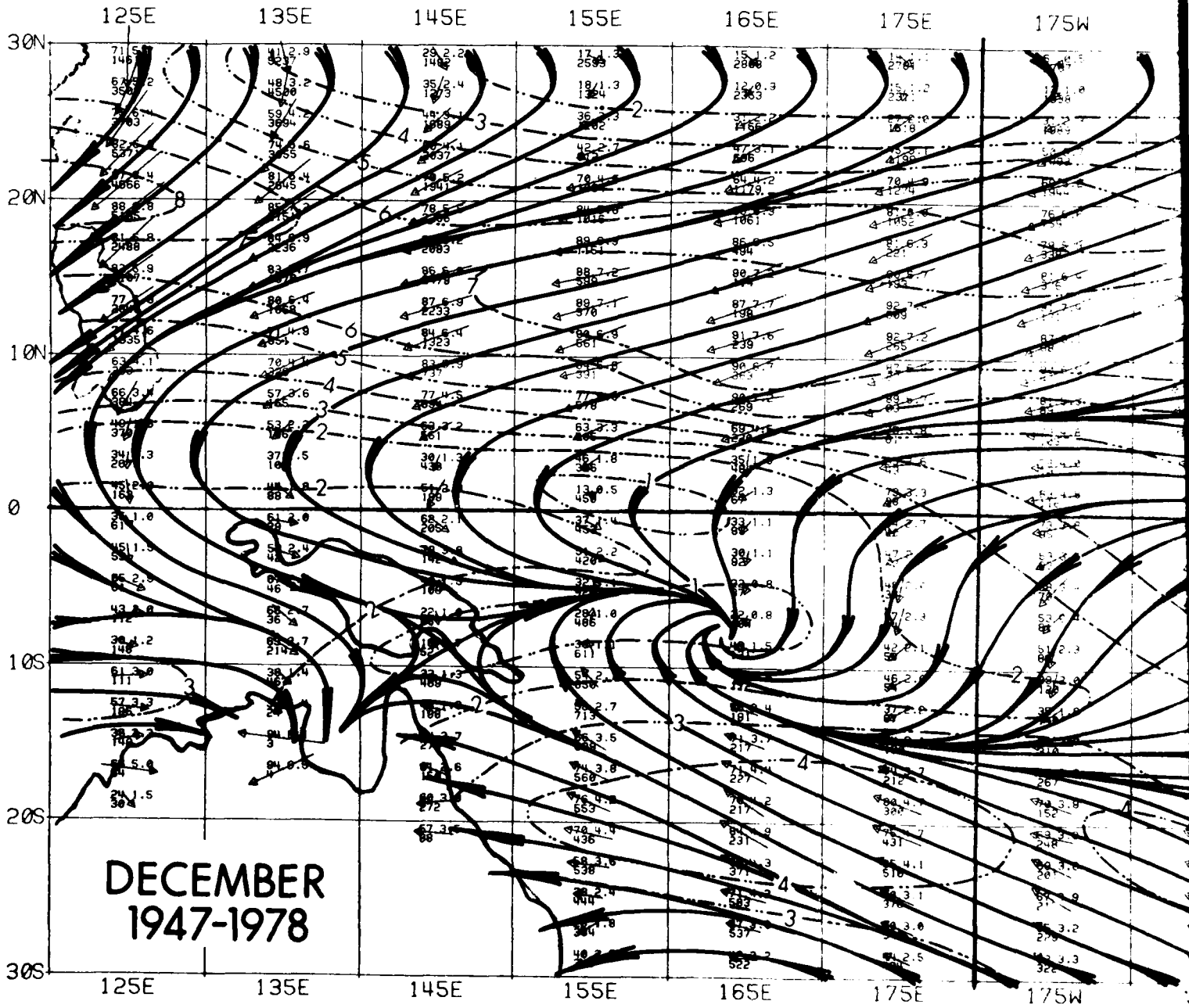




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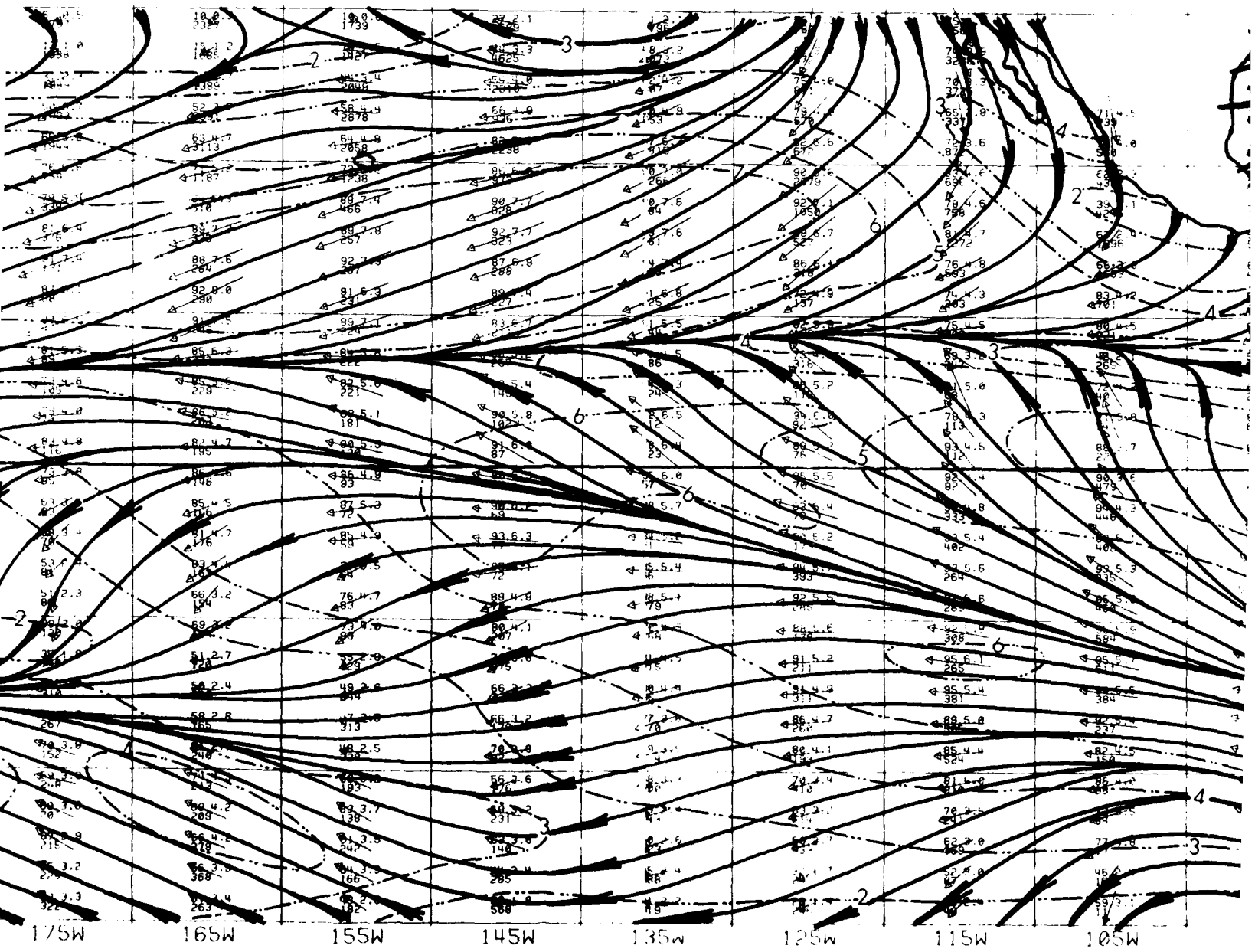


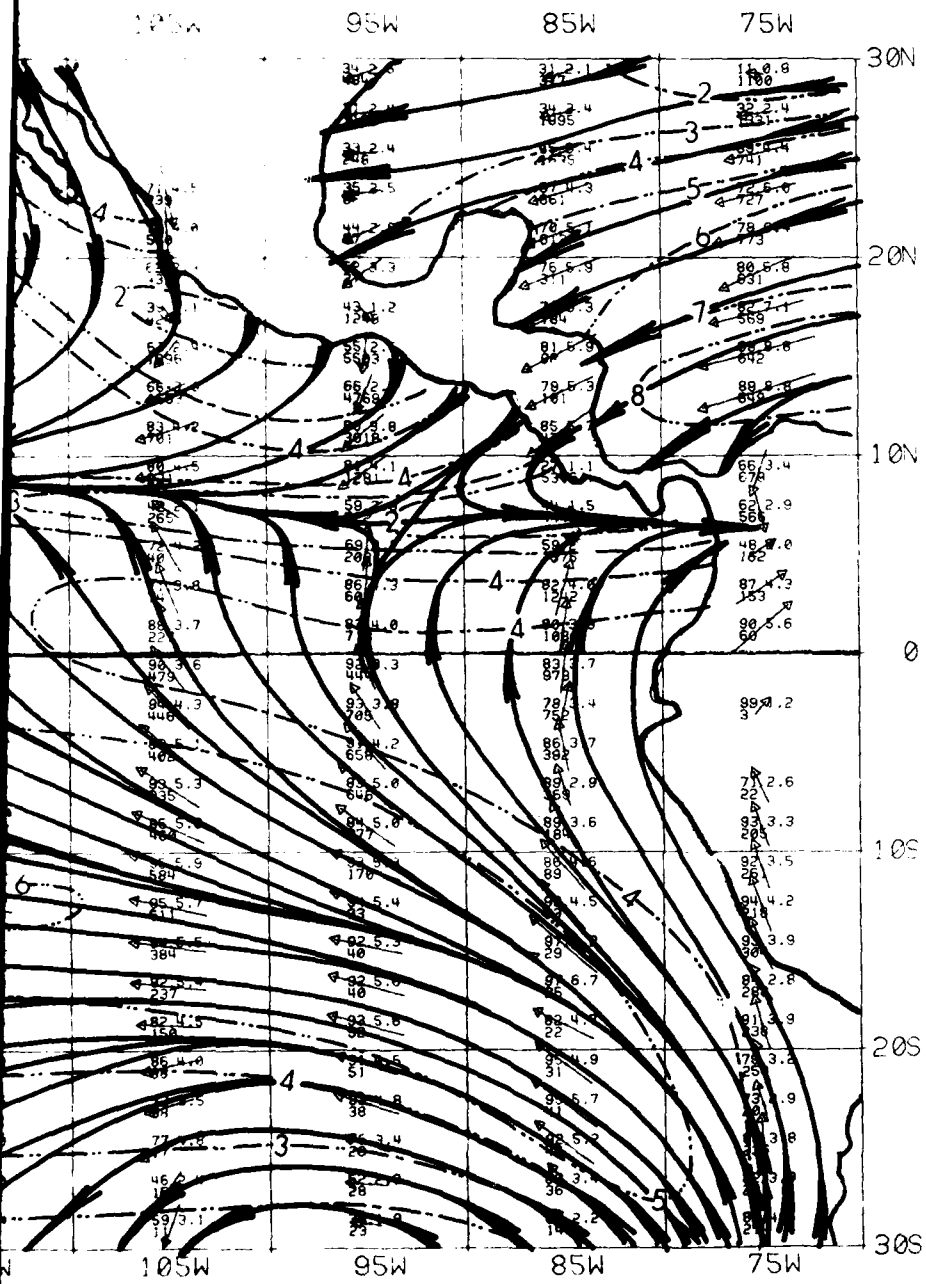




LONG TERM SHIP WIND MEAN 1947-1978

175W 165W 155W 145W 135W 125W 115W 105W





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