94-317

SYSAPP-97-95/091

Final Report

ANALYSIS OF SOUTHERN CALIFORNIA WIND PROFILER AND AIRCRAFT DATA

Appendix E

ICF KAISER

Systems Applications International, Inc.

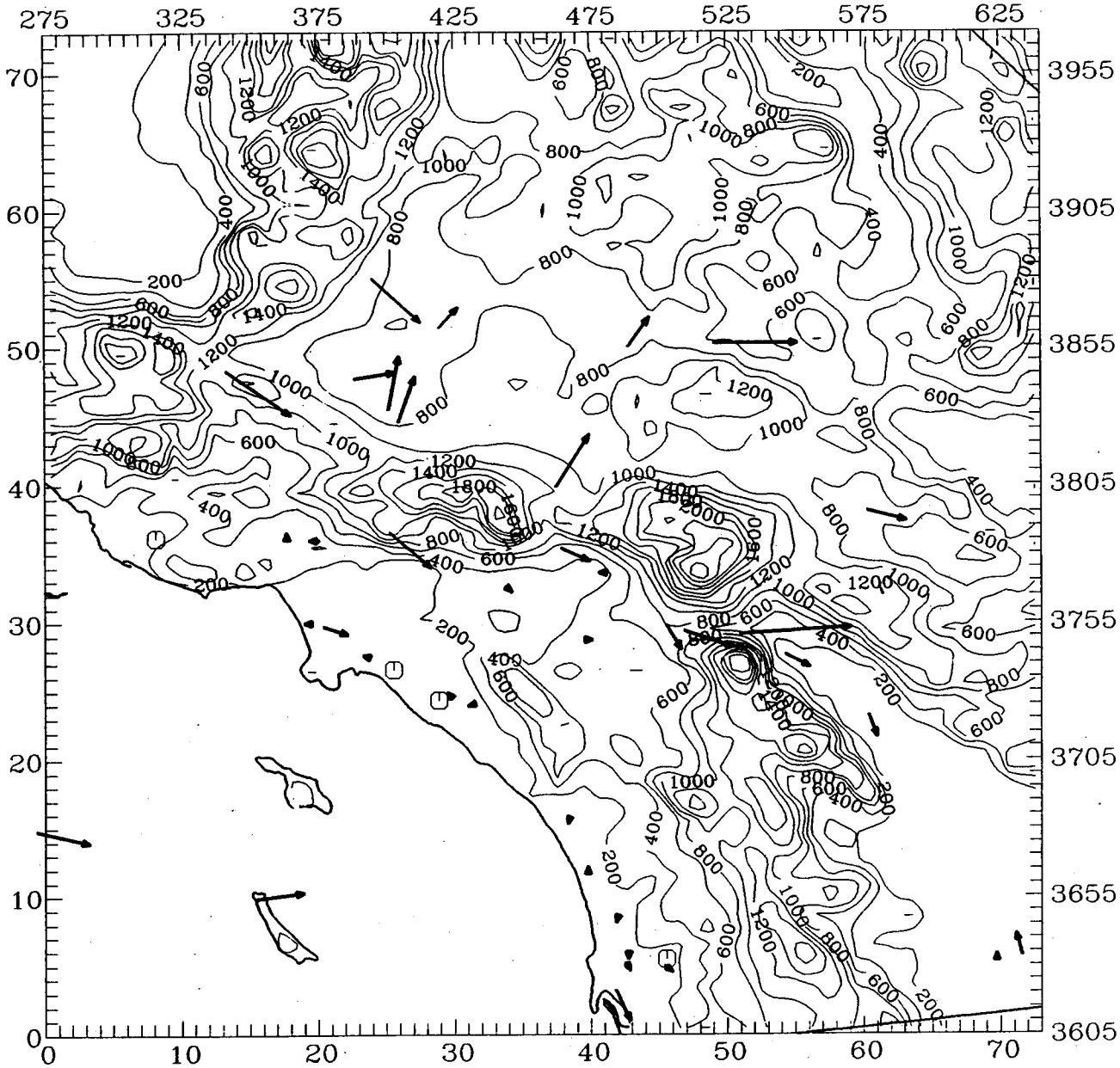
July 1997

Appendix E

COMPOSITE WIND PLOTS

COMPOSITE WIND PLOTS FOR THE DAYS CLASSIFIED AS HIGH-LOW FOR THE SURFACE, 1000 M AGL, AND 2000 M AGL LEVELS

0400 PST
0700 PST
1000 PST
1300 PST
1600 PST
1900 PST
2200 PST

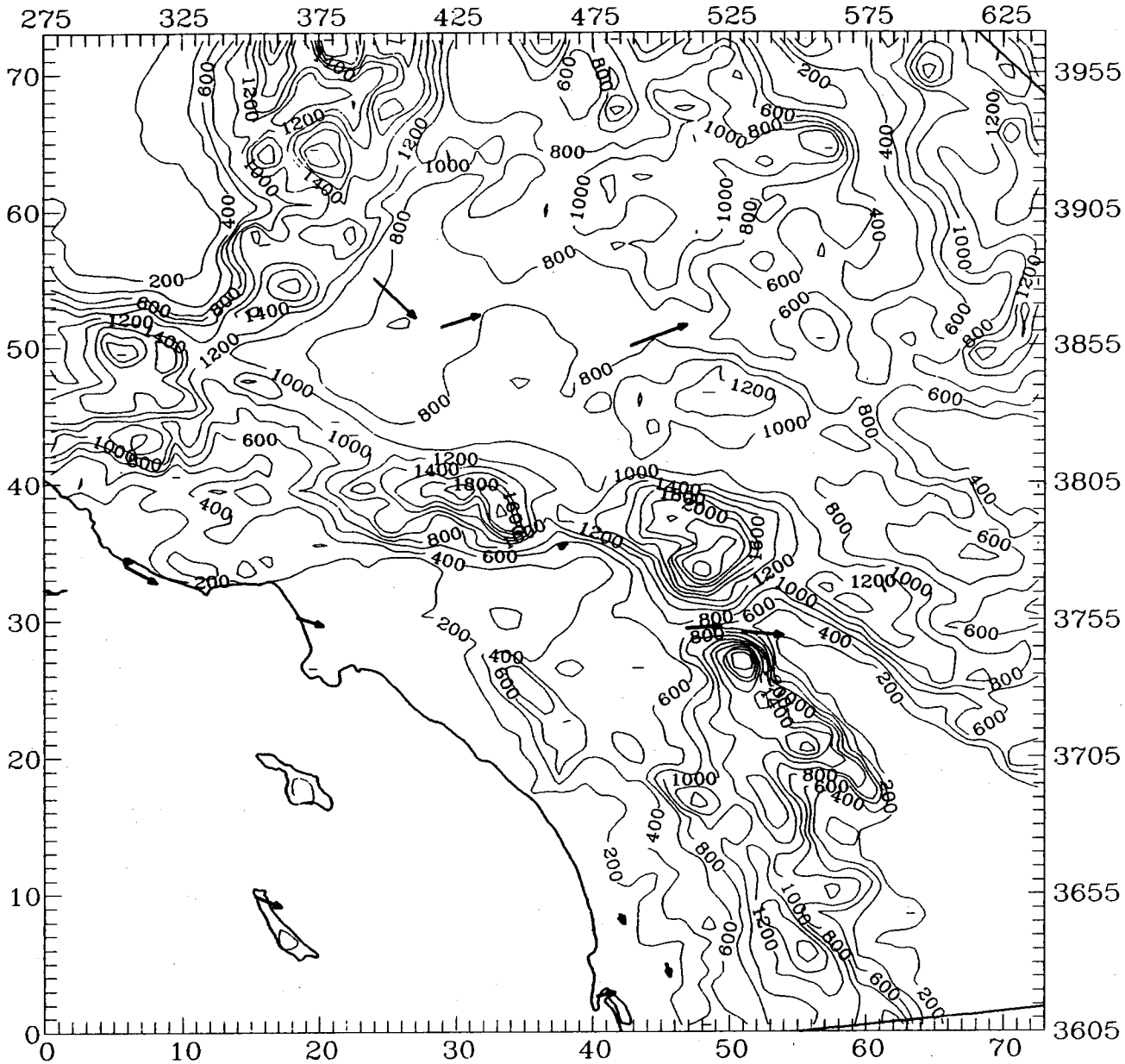


Averaged Wind Observations For Days Classified As H–H

0400 PST/Surface

0 5 10

WIND SPEED (M/S)

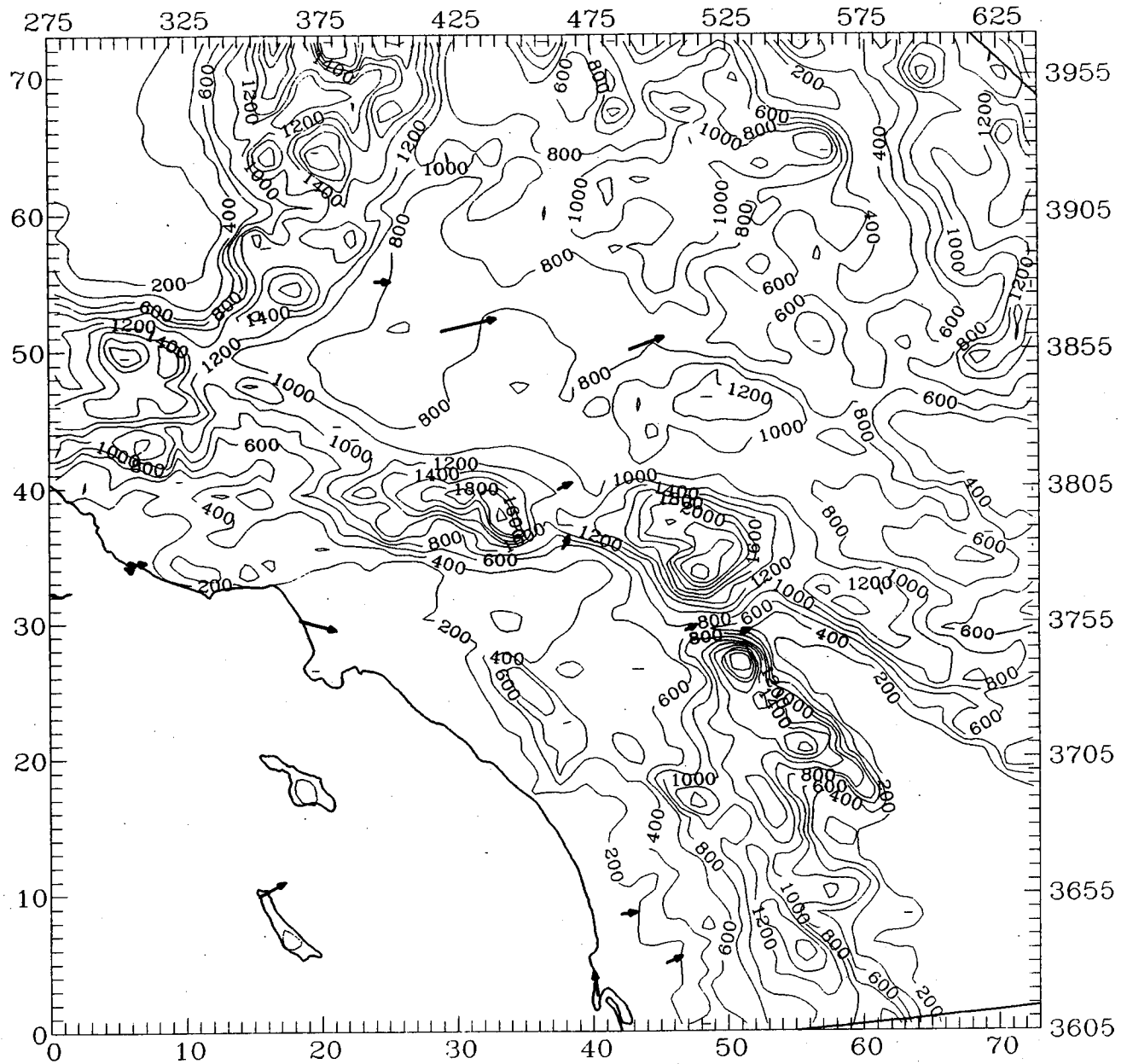


Averaged Wind Observations For Days Classified As H–H

0400 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

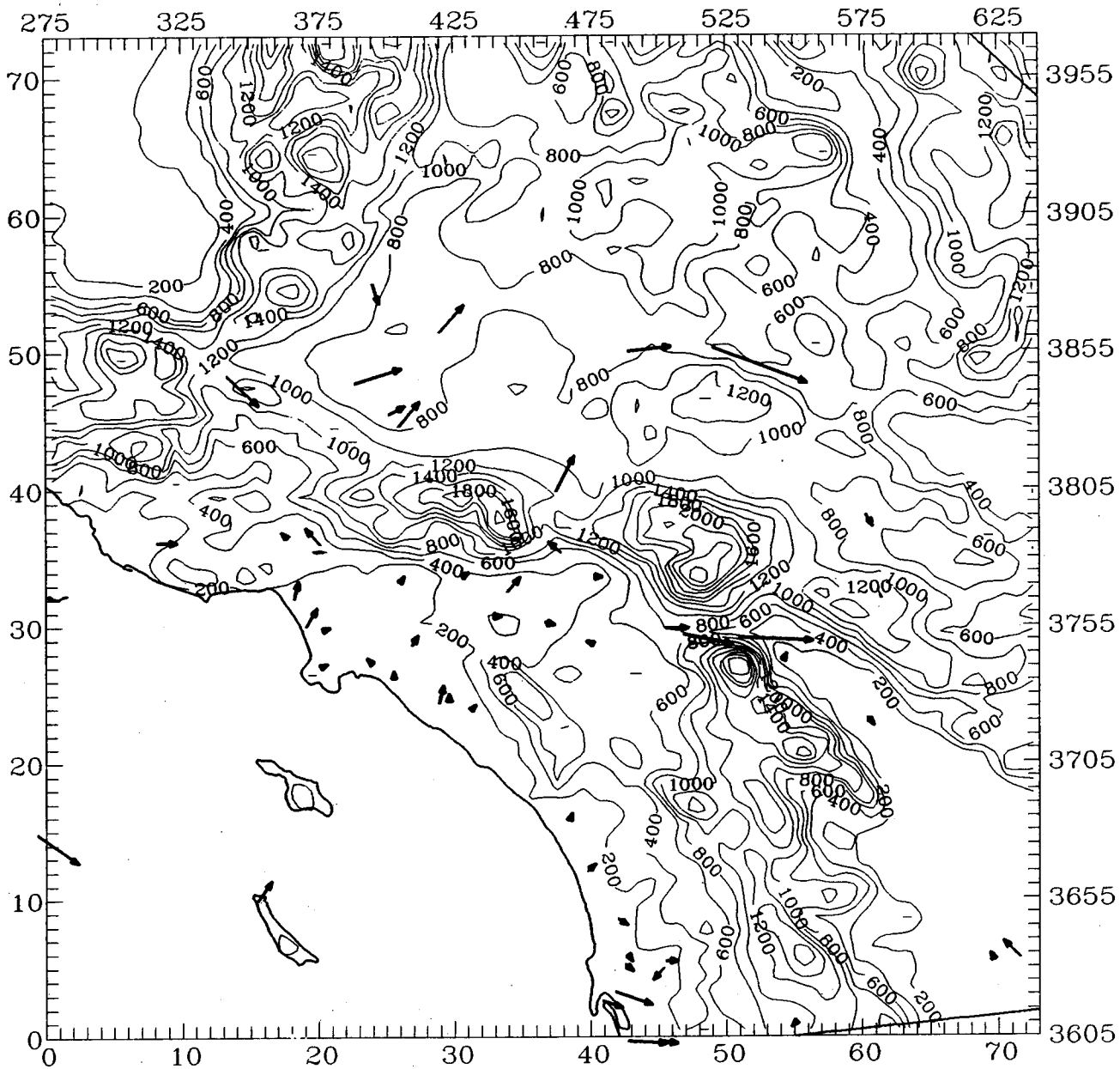


Averaged Wind Observations For Days Classified As H–H

0400 PST/2000 M AGL

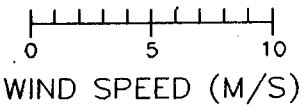
0 5 10

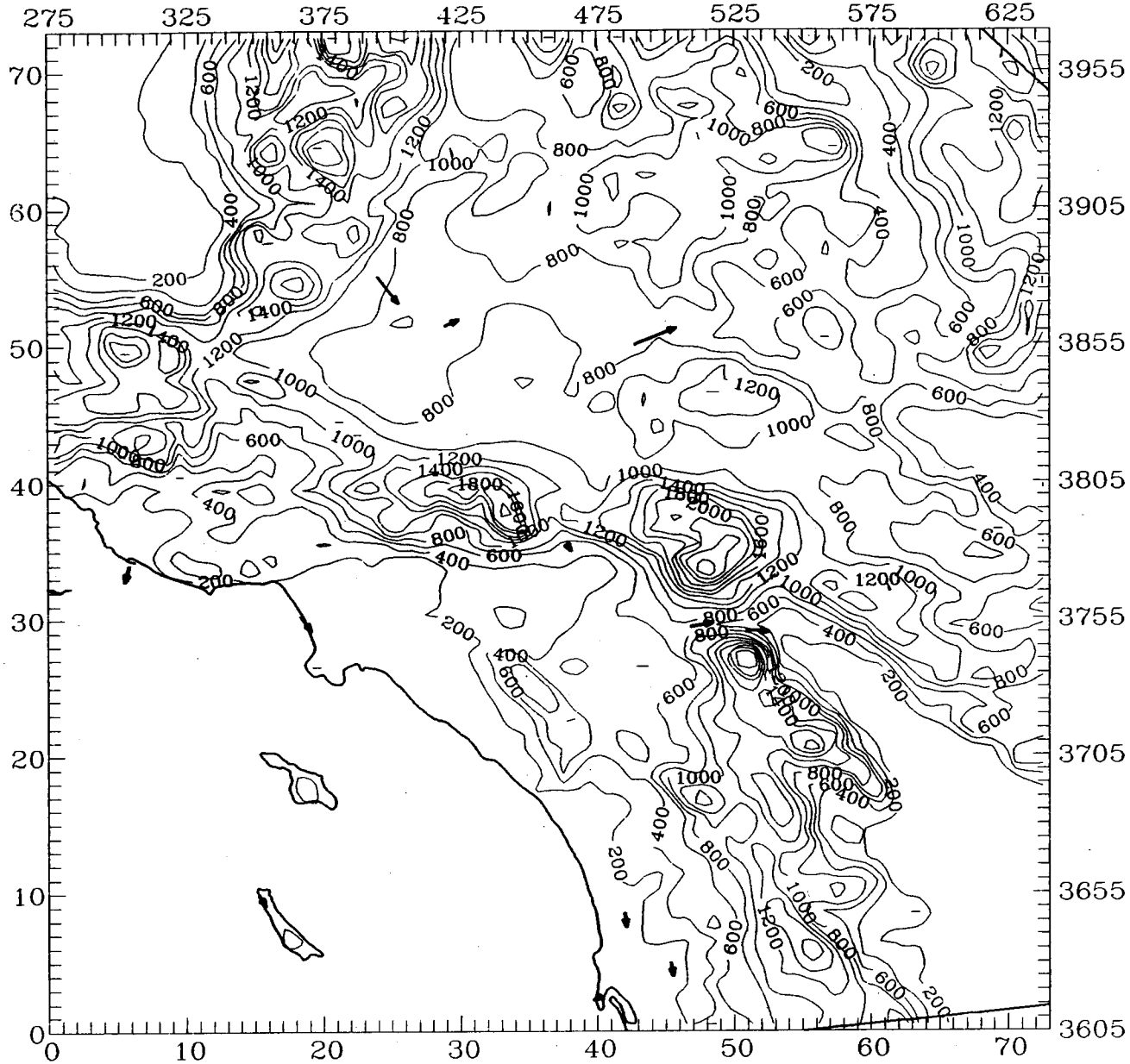
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–H

0700 PST/Surface



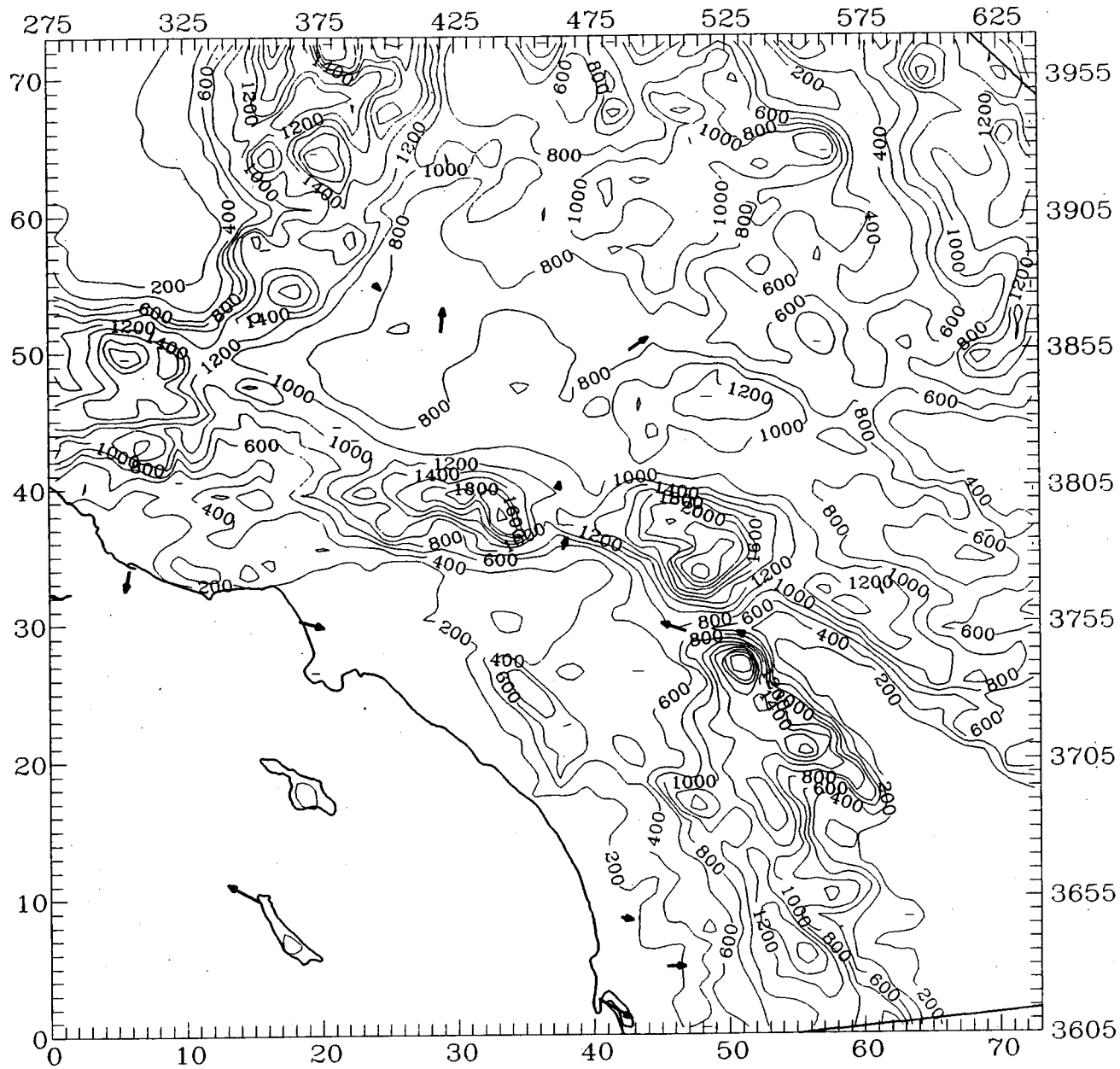


Averaged Wind Observations For Days Classified As H–H

0700 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

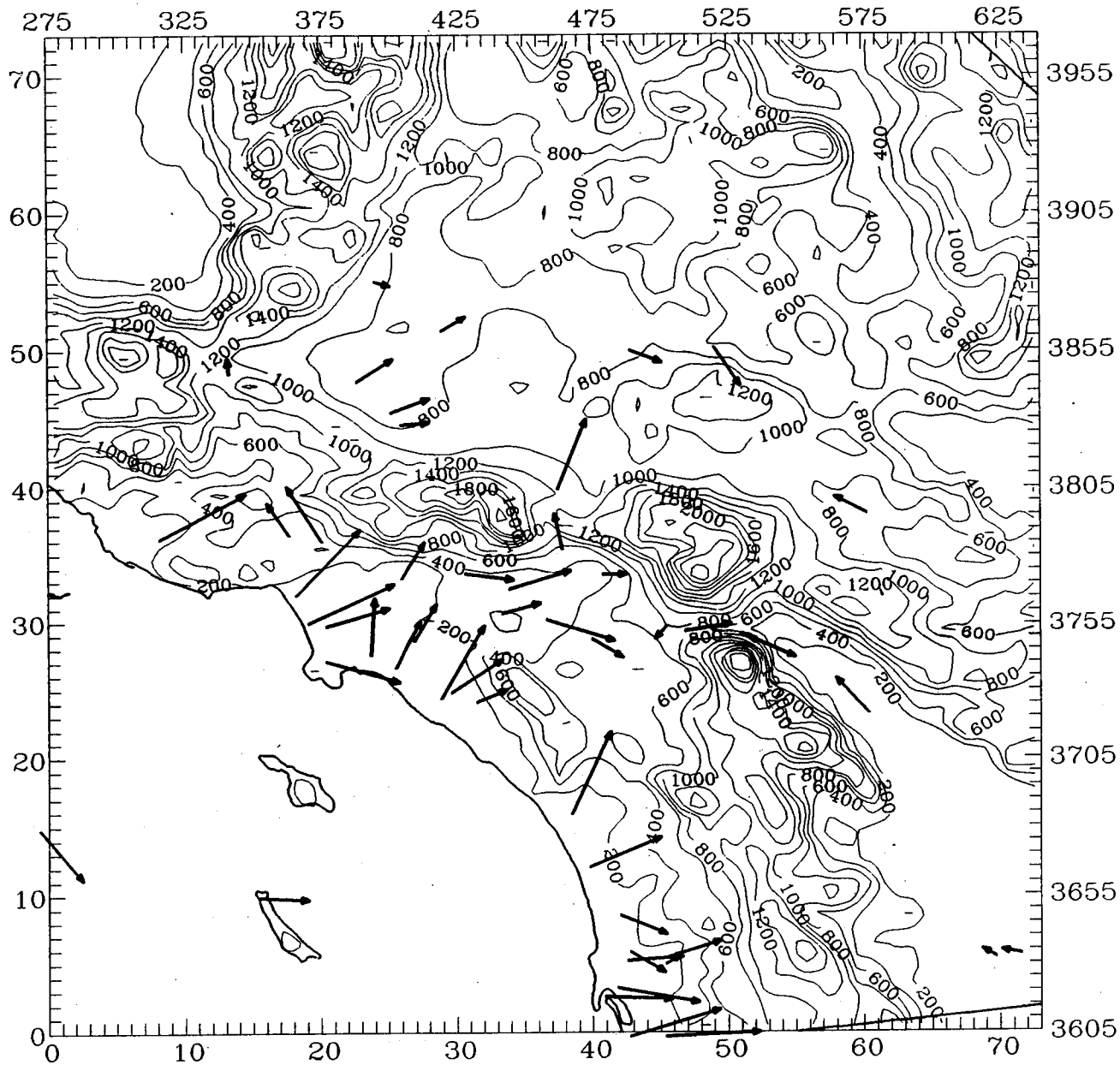


Averaged Wind Observations For Days Classified As H–H

0700 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

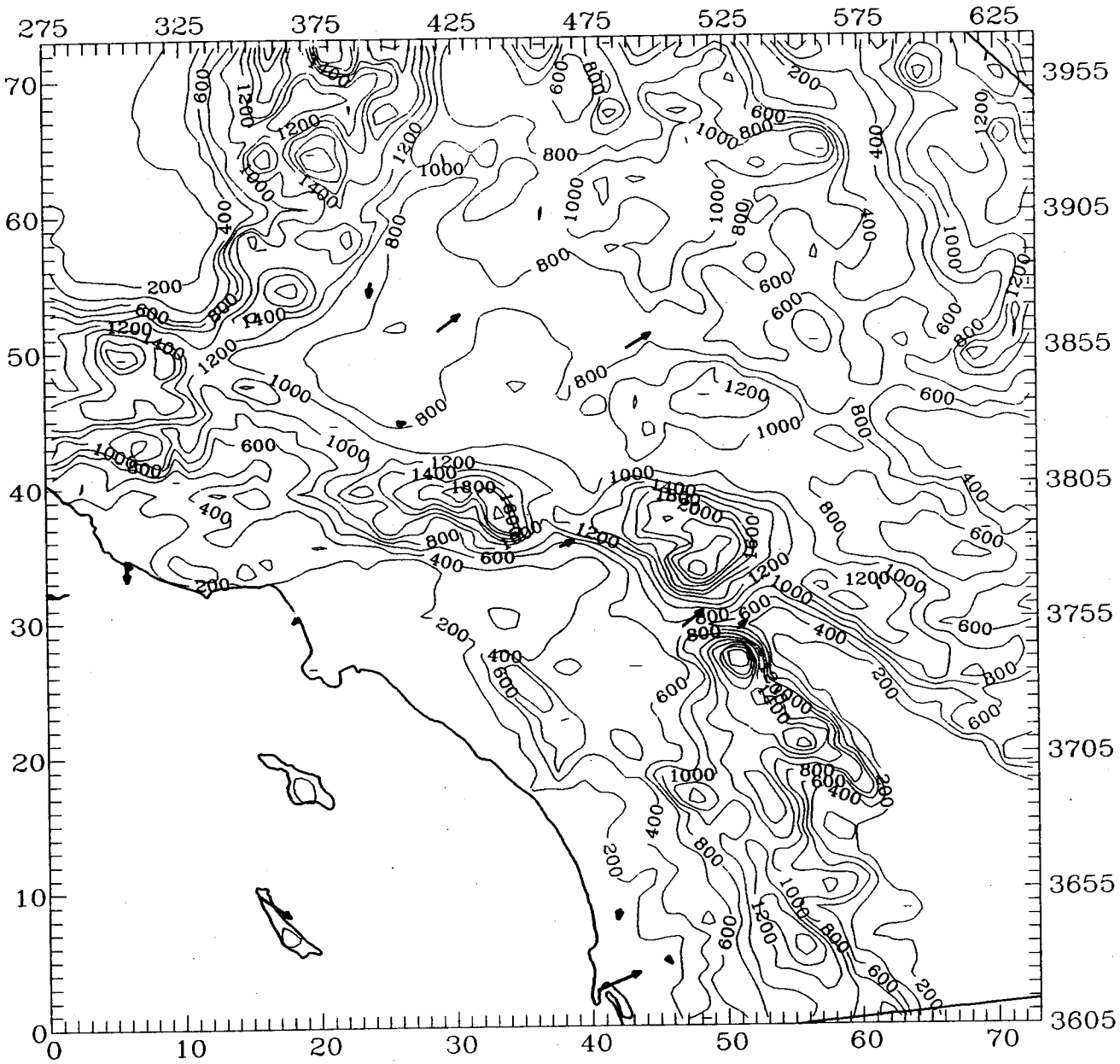


Averaged Wind Observations For Days Classified As H–H

1000 PST/Surface

0 5 10

WIND SPEED (M/S)

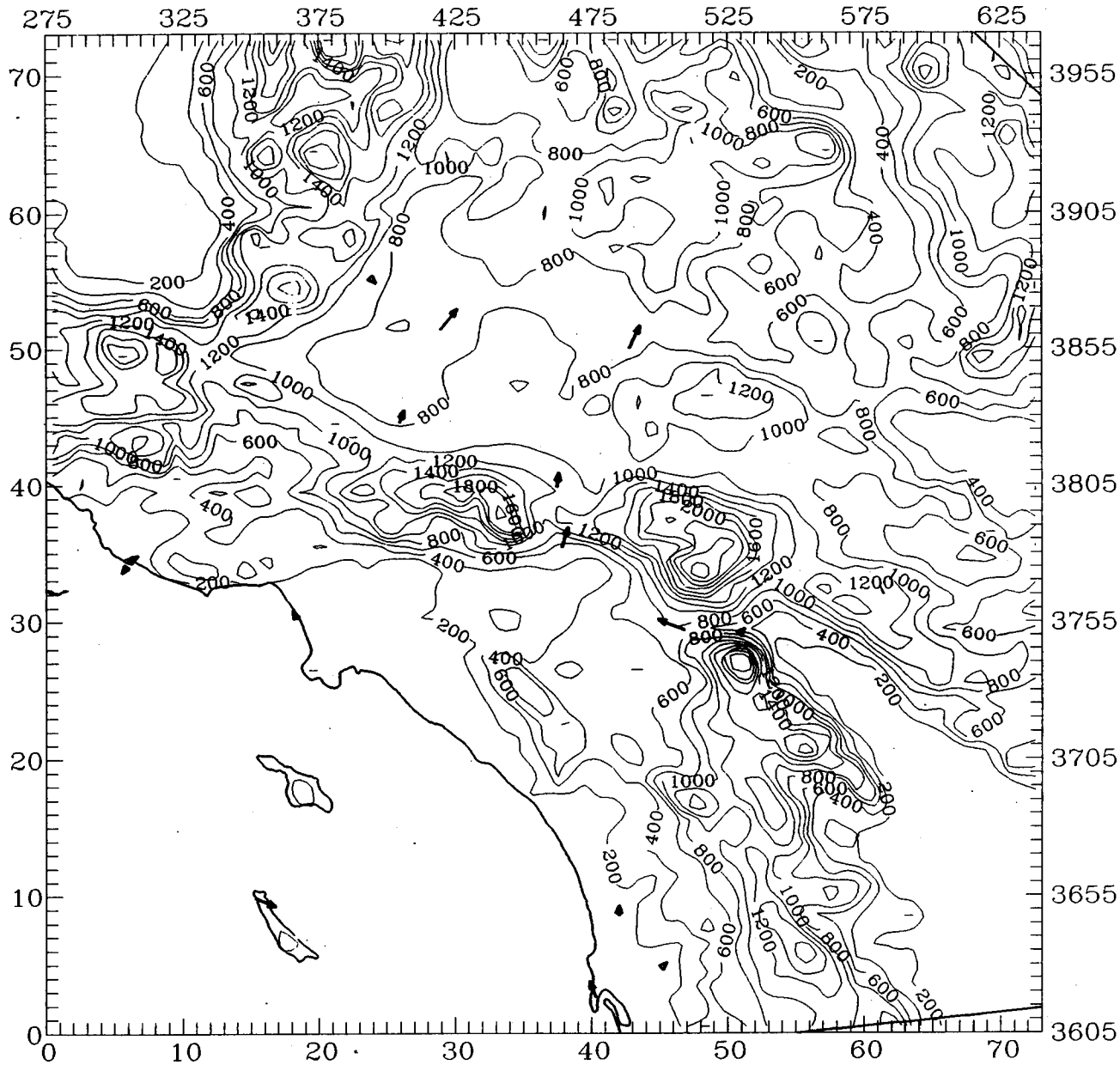


Averaged Wind Observations For Days Classified As H–H

1000 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

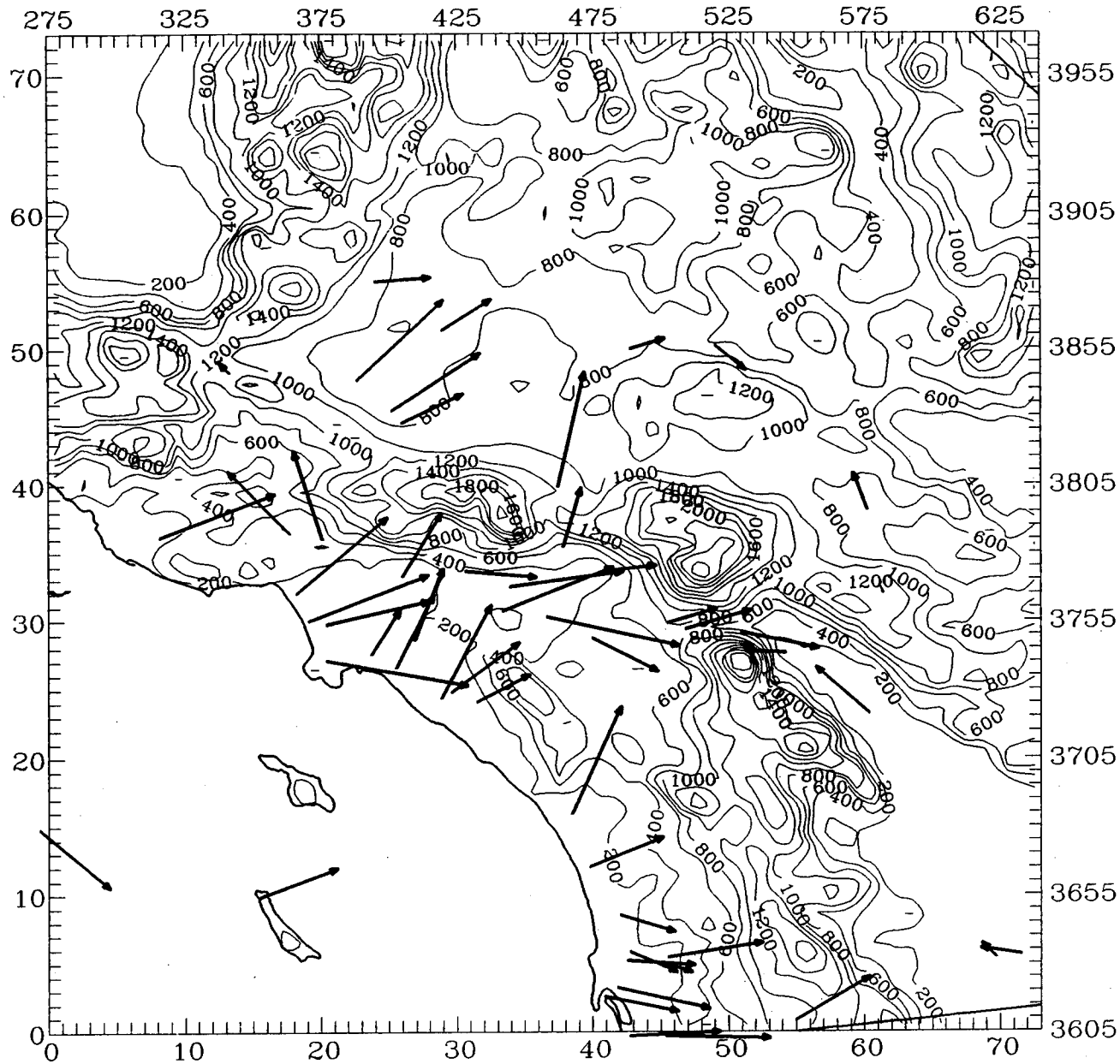


Averaged Wind Observations For Days Classified As H–H

1000 PST/2000 M AGL

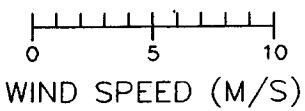
0 5 10

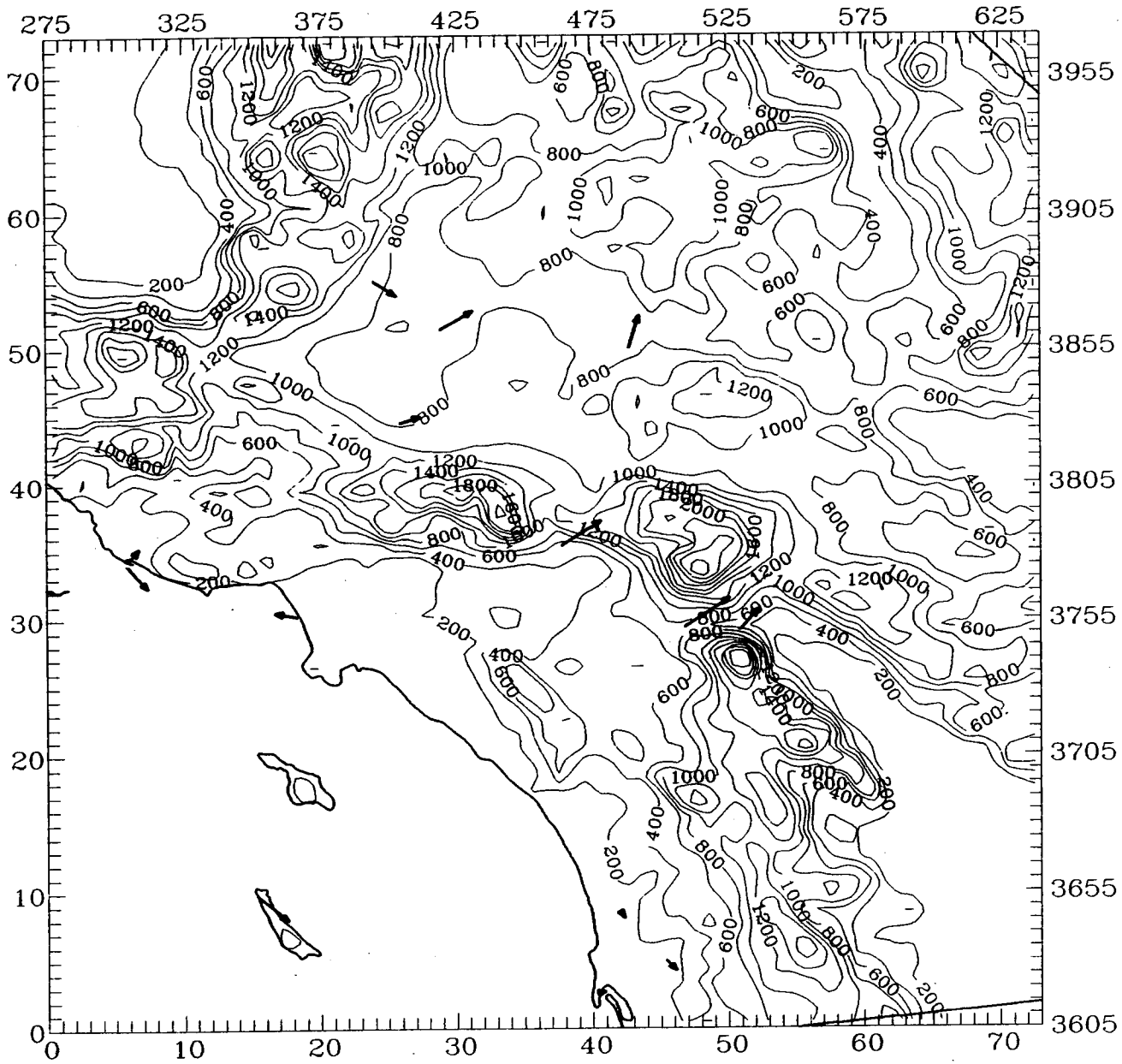
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–H

1300 PST/Surface



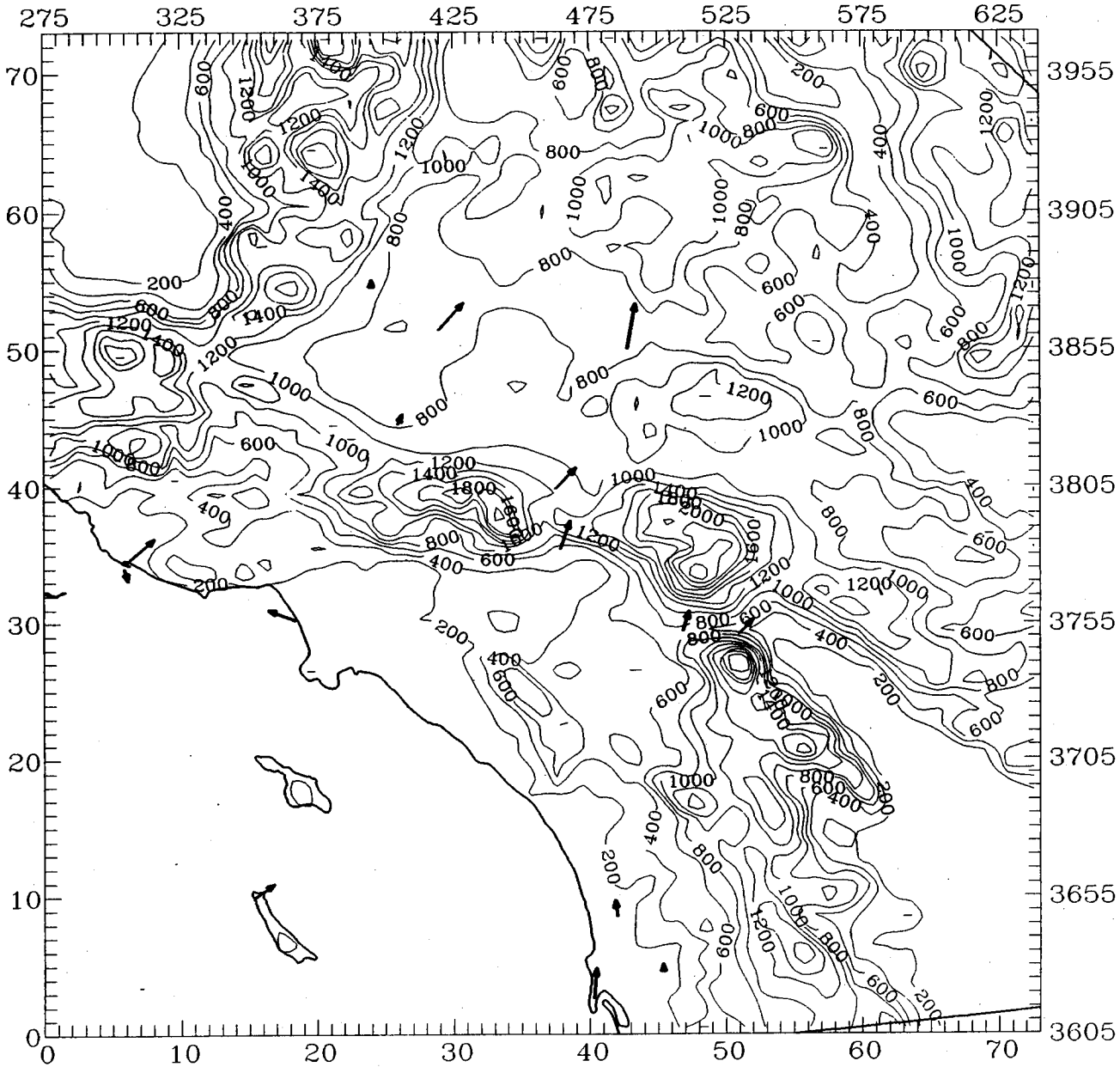


Averaged Wind Observations For Days Classified As H–H

1300 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

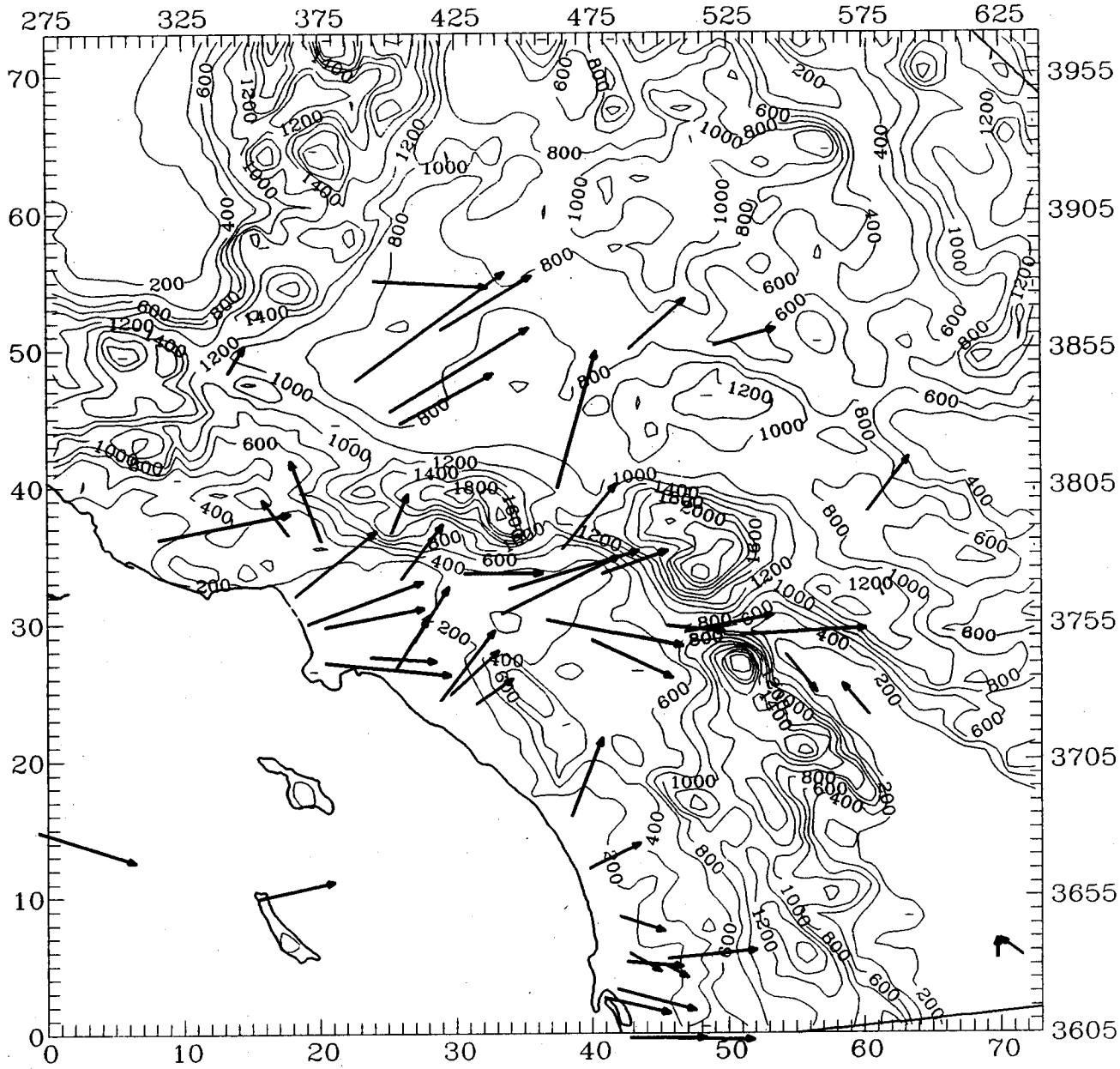


Averaged Wind Observations For Days Classified As H–H

1300 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

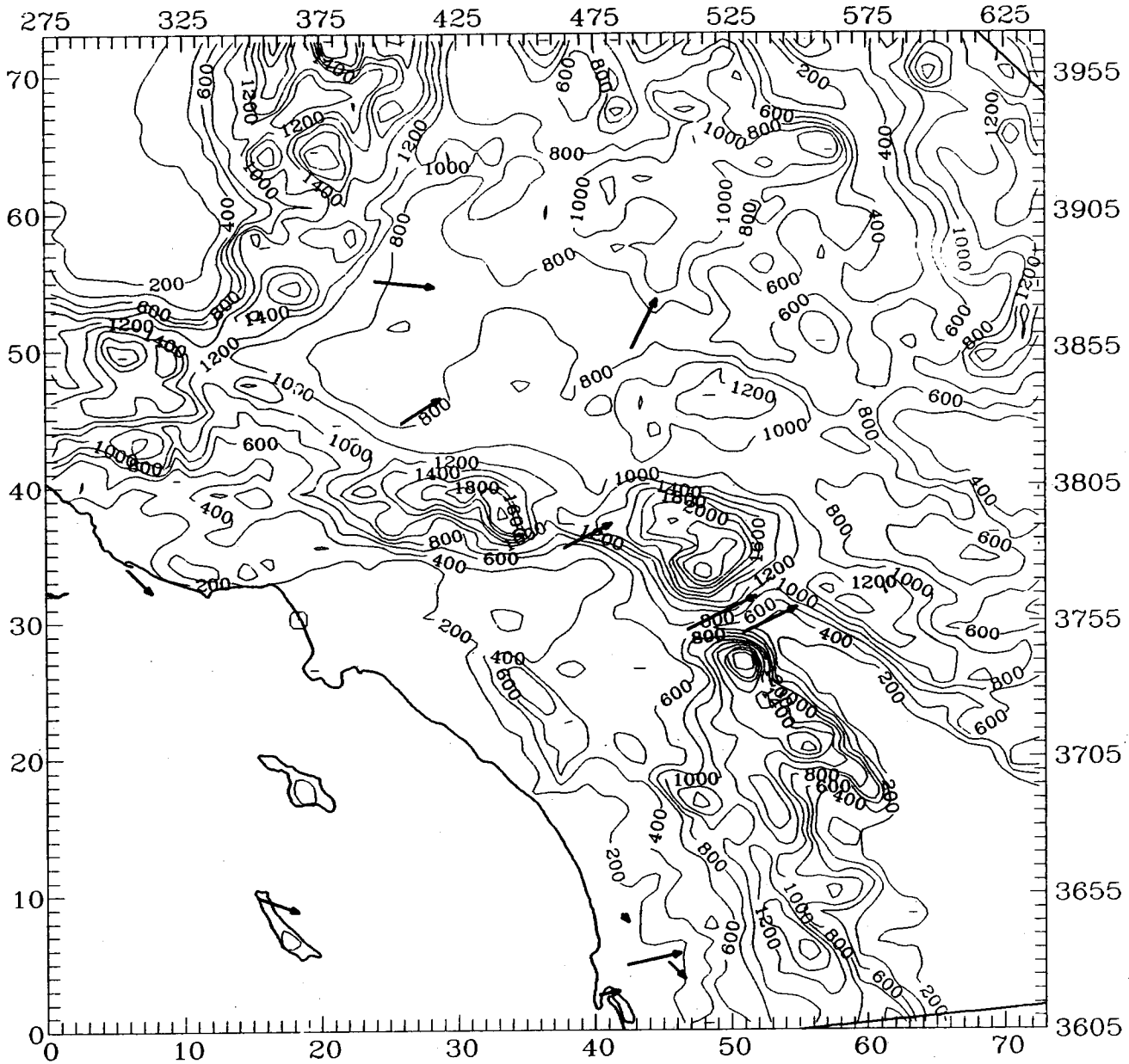


Averaged Wind Observations For Days Classified As H–H

1600 PST/Surface

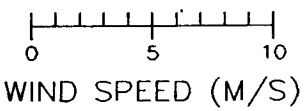
0 5 10

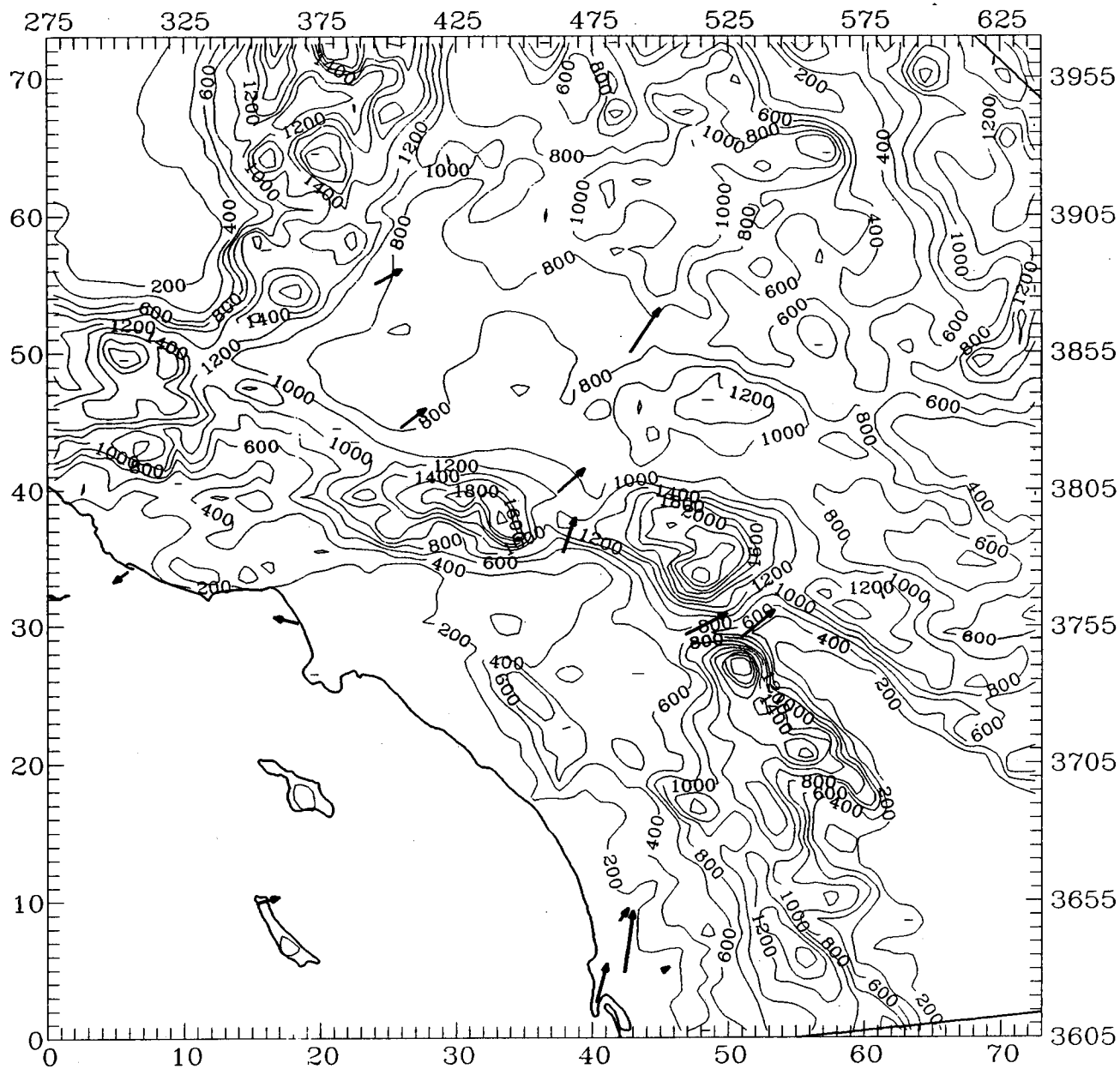
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–H

1600 PST/1000 M AGL



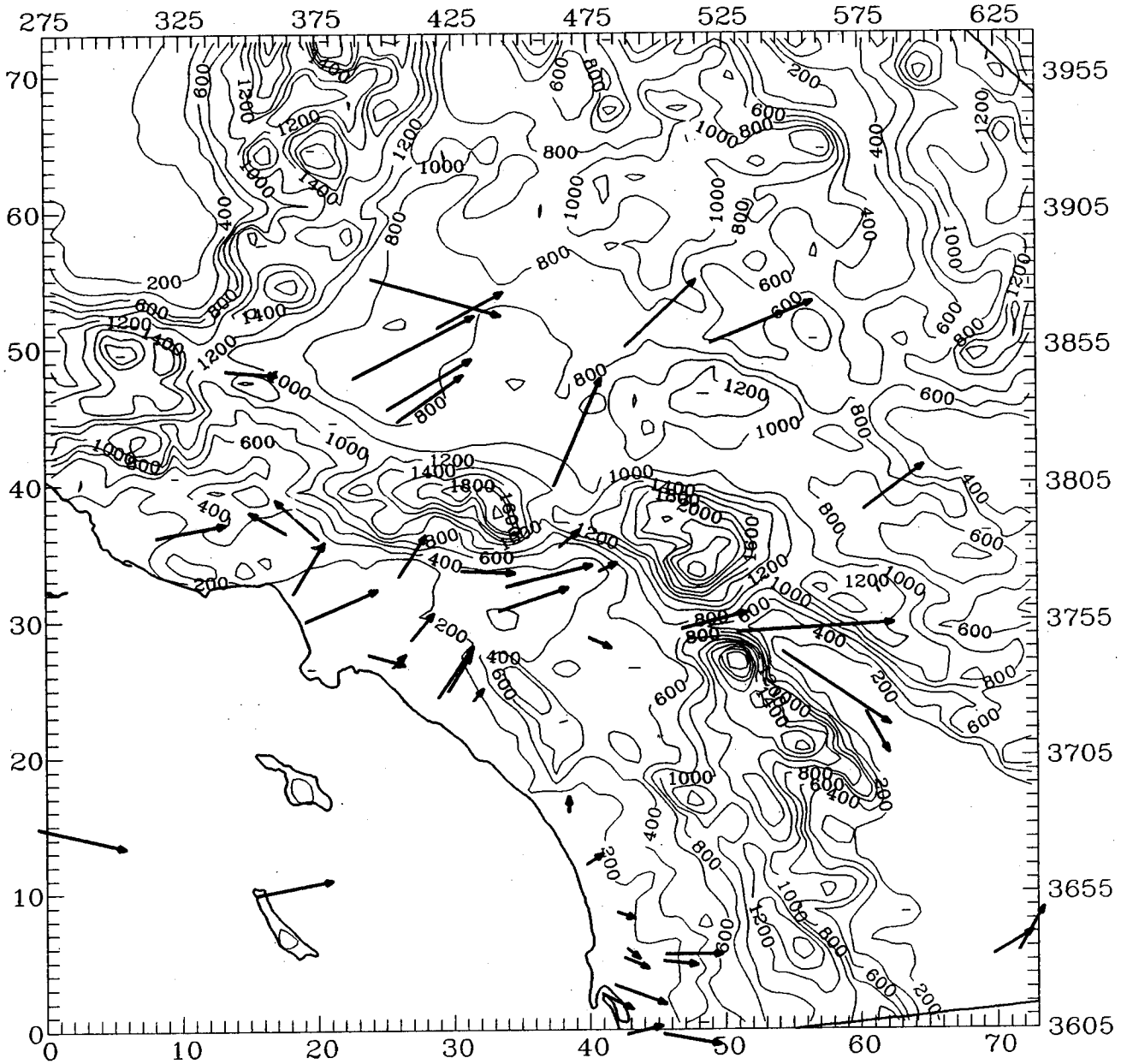


Averaged Wind Observations For Days Classified As H–H

1600 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

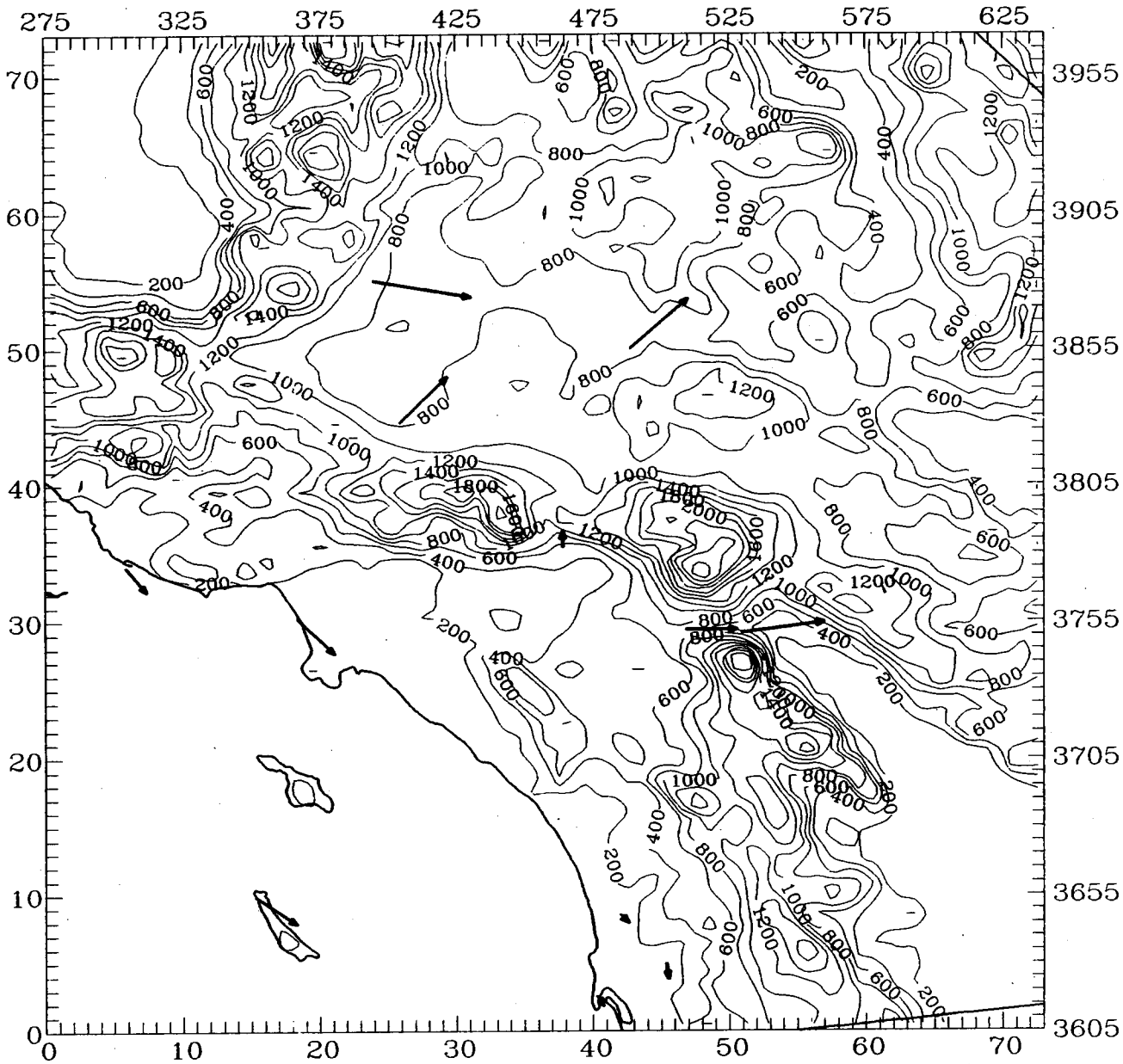


Averaged Wind Observations For Days Classified As H–H

1900 PST/Surface

0 5 10

WIND SPEED (M/S)

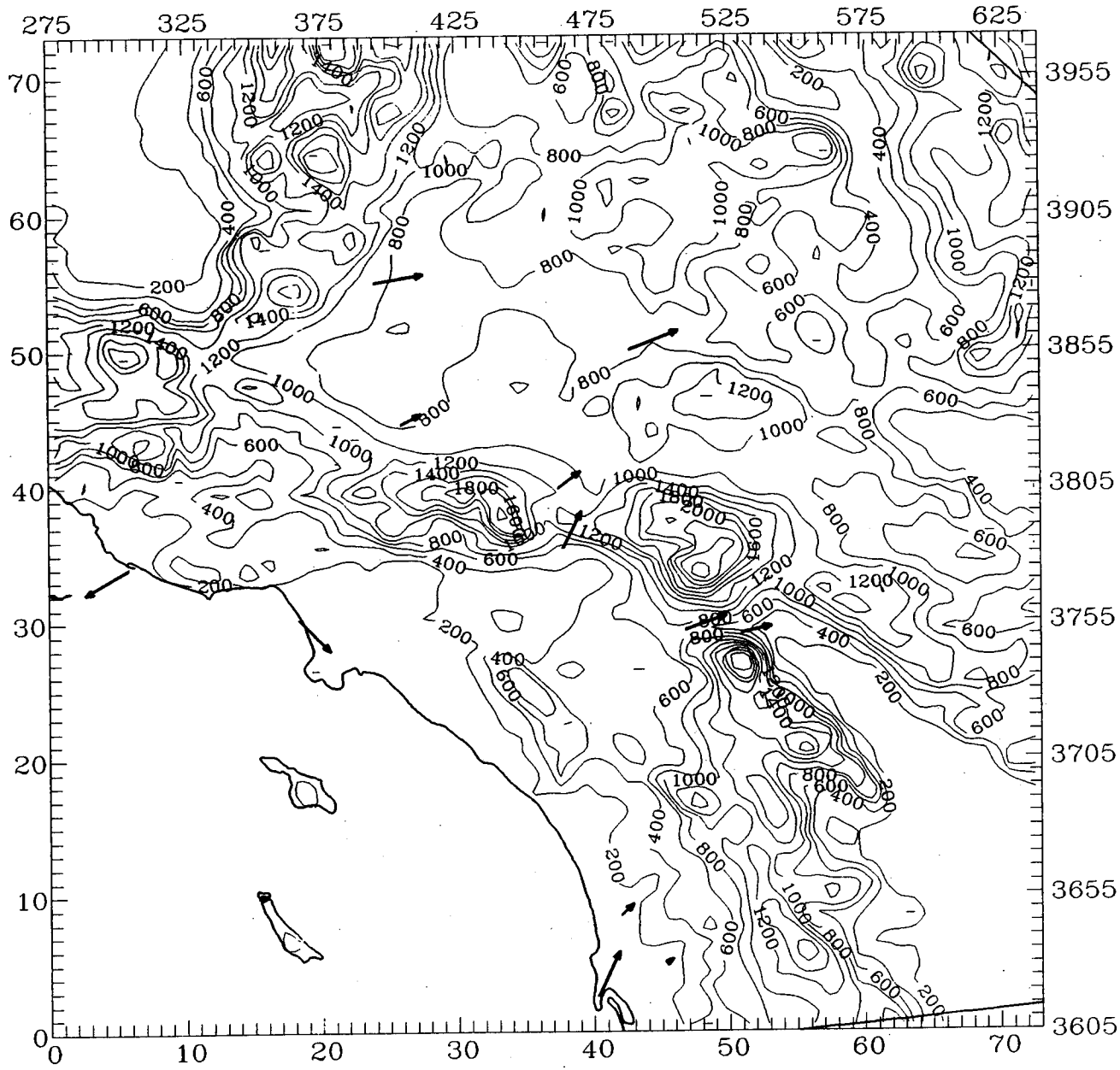


Averaged Wind Observations For Days Classified As H–H

1900 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

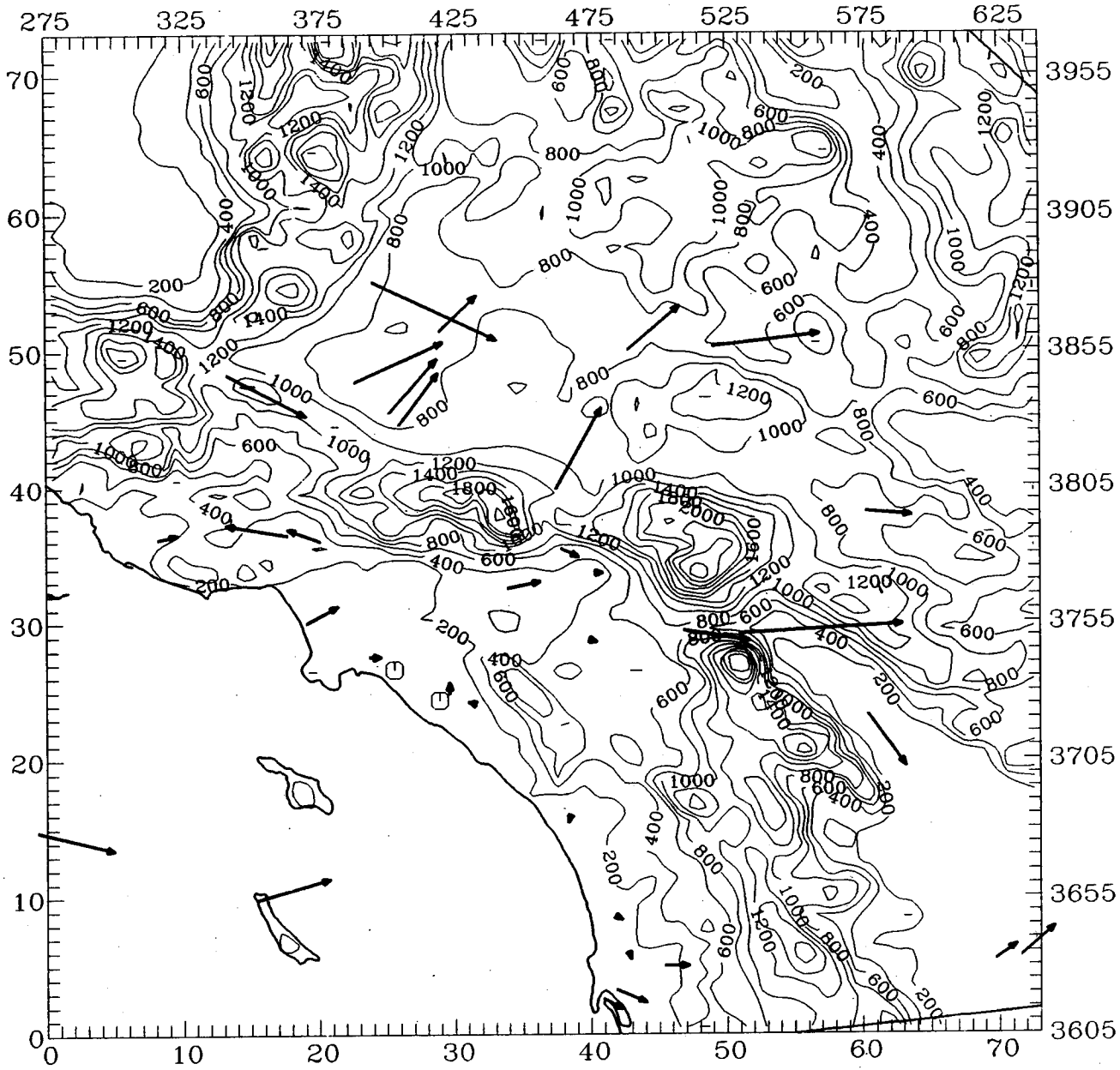


Averaged Wind Observations For Days Classified As H–H

1900 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

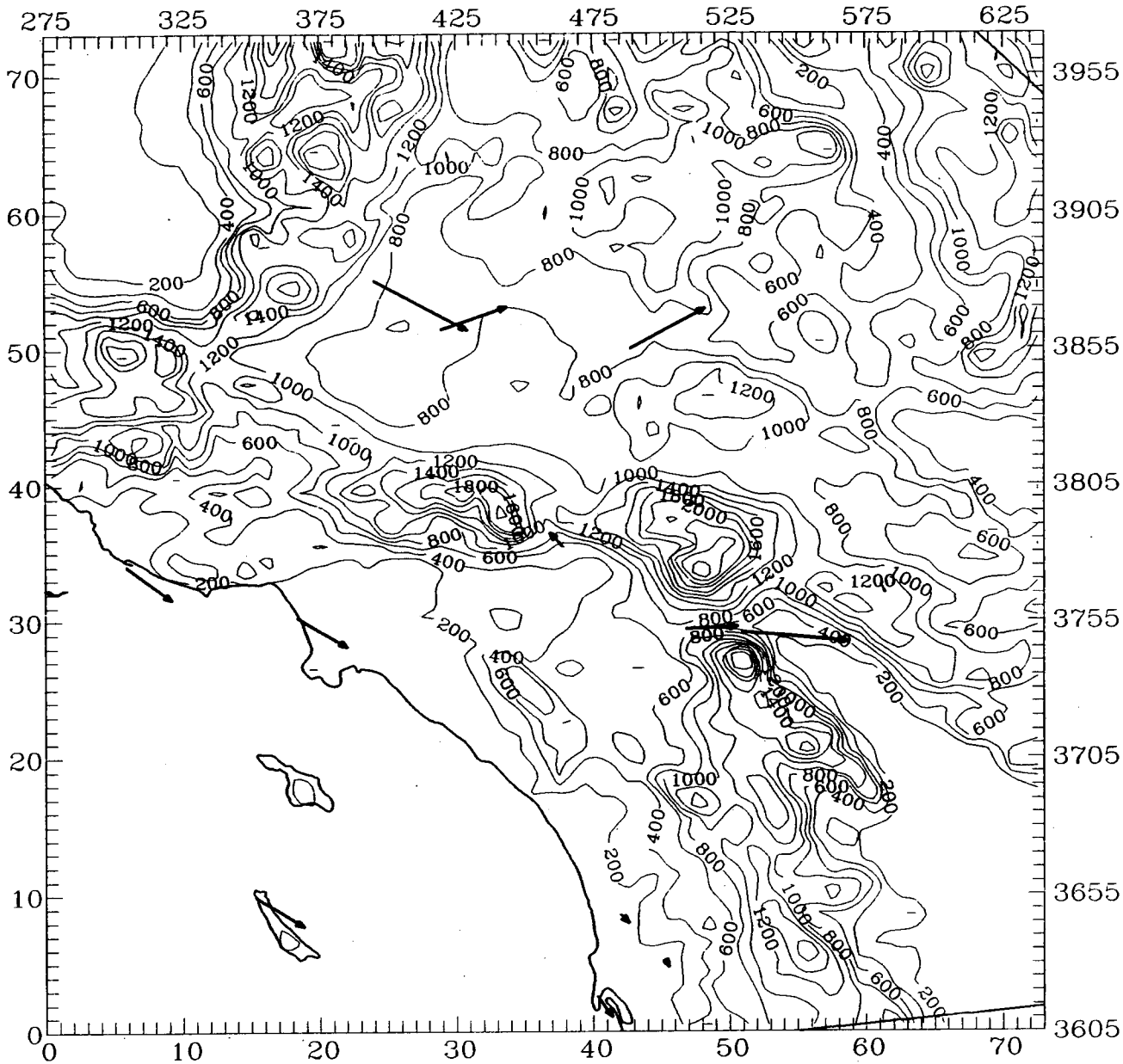


Averaged Wind Observations For Days Classified As H–H

2200 PST/Surface

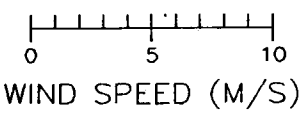
0 5 10

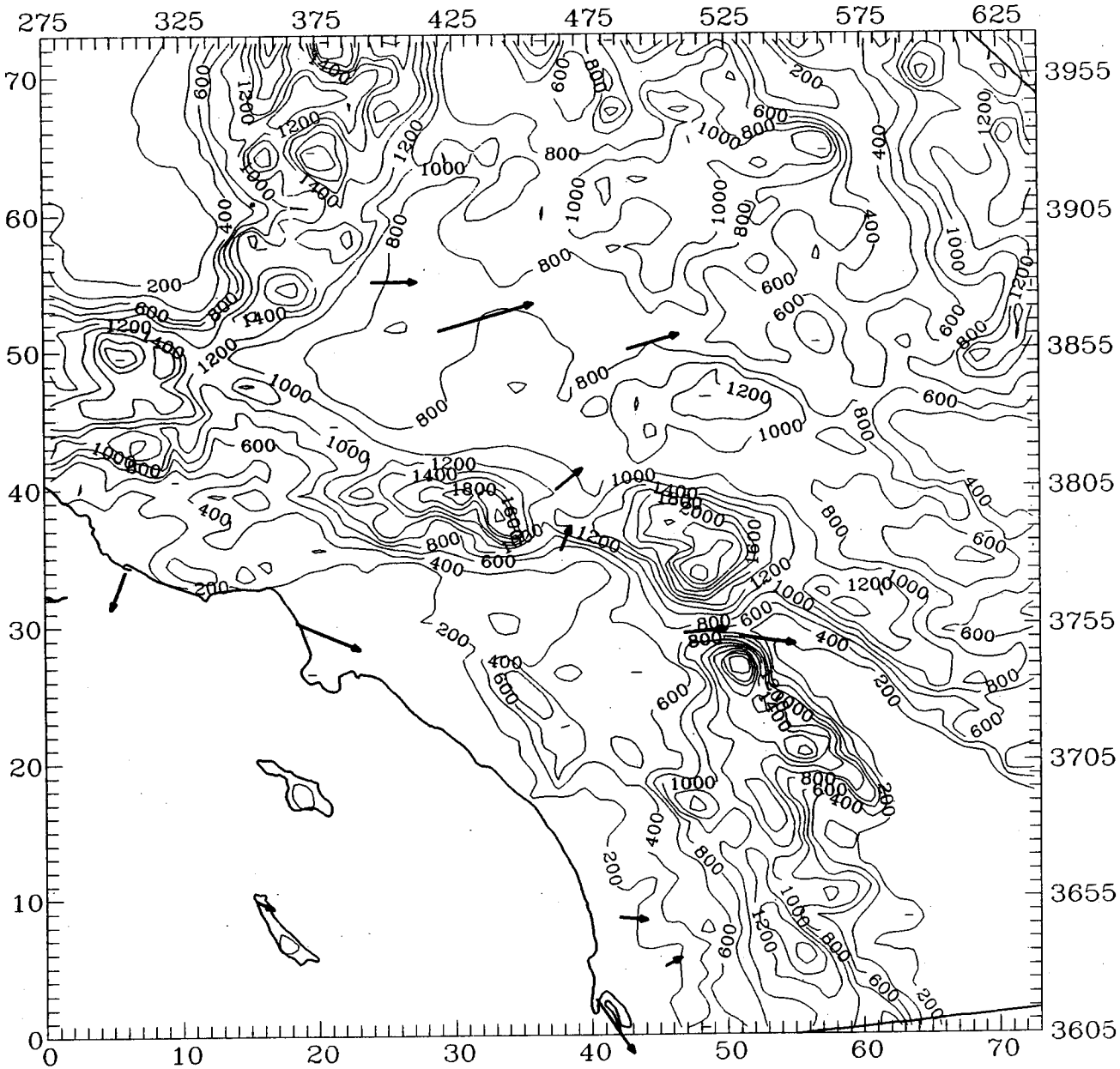
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–H

2200 PST/1000 M AGL





Averaged Wind Observations For Days Classified As H–H

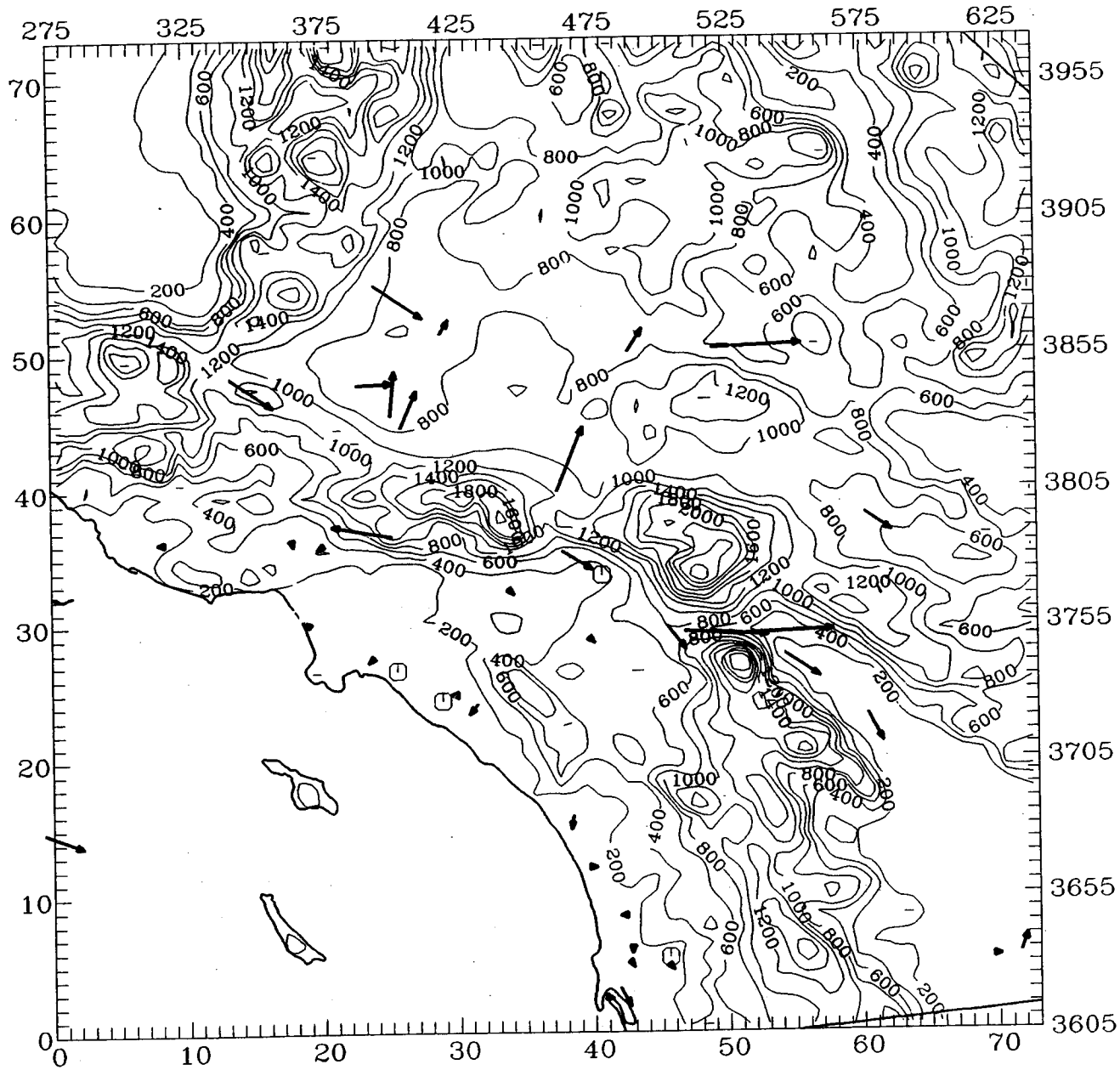
2200 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

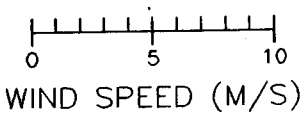
COMPOSITE WIND PLOTS FOR THE DAYS CLASSIFIED AS HIGH-MODERATE FOR THE SURFACE, 1000 M AGL, AND 2000 M AGL LEVELS

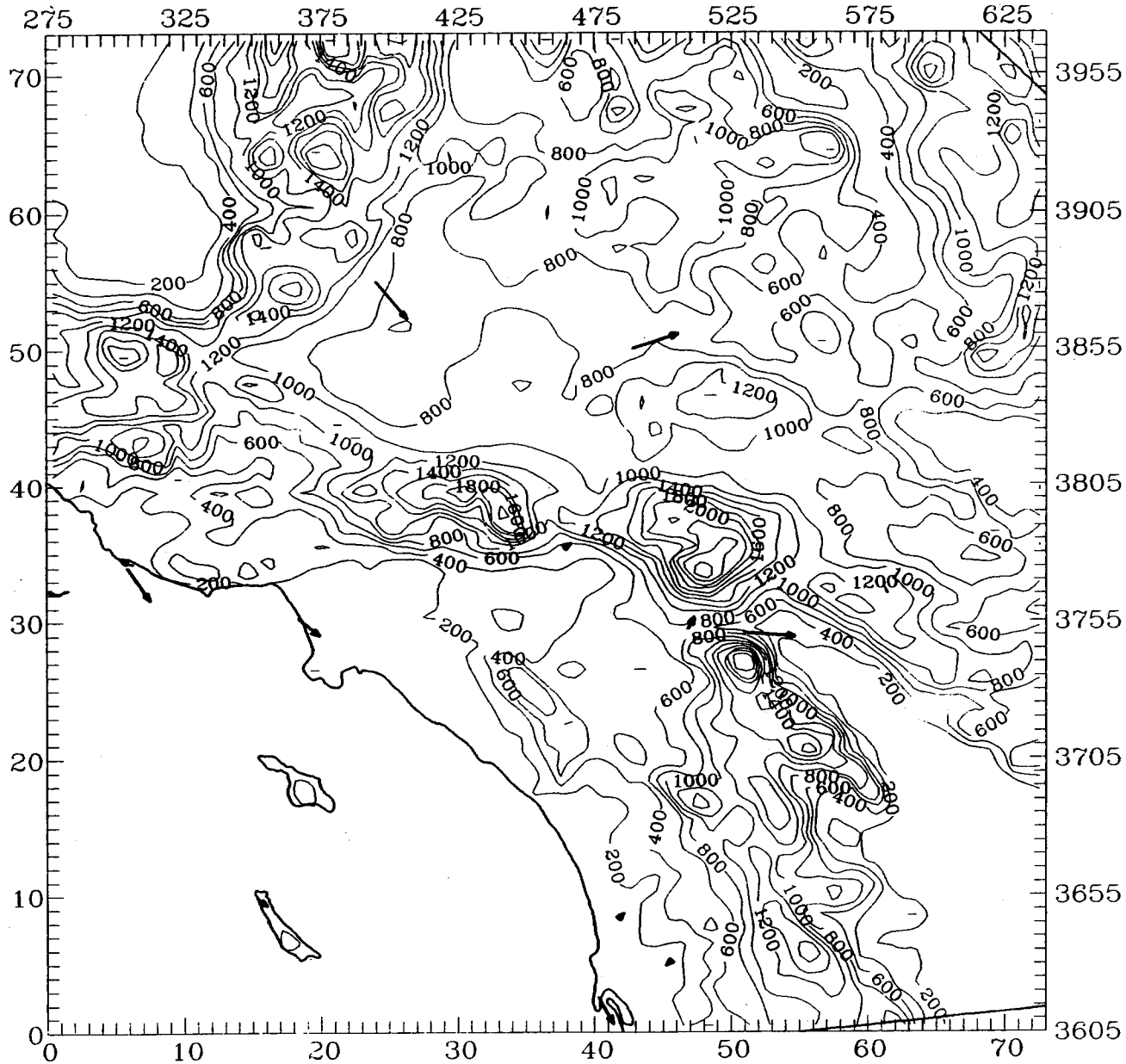
0400 PST
0700 PST
1000 PST
1300 PST
1600 PST
1900 PST
2200 PST



Averaged Wind Observations For Days Classified As H–M

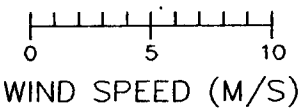
0400 PST/Surface

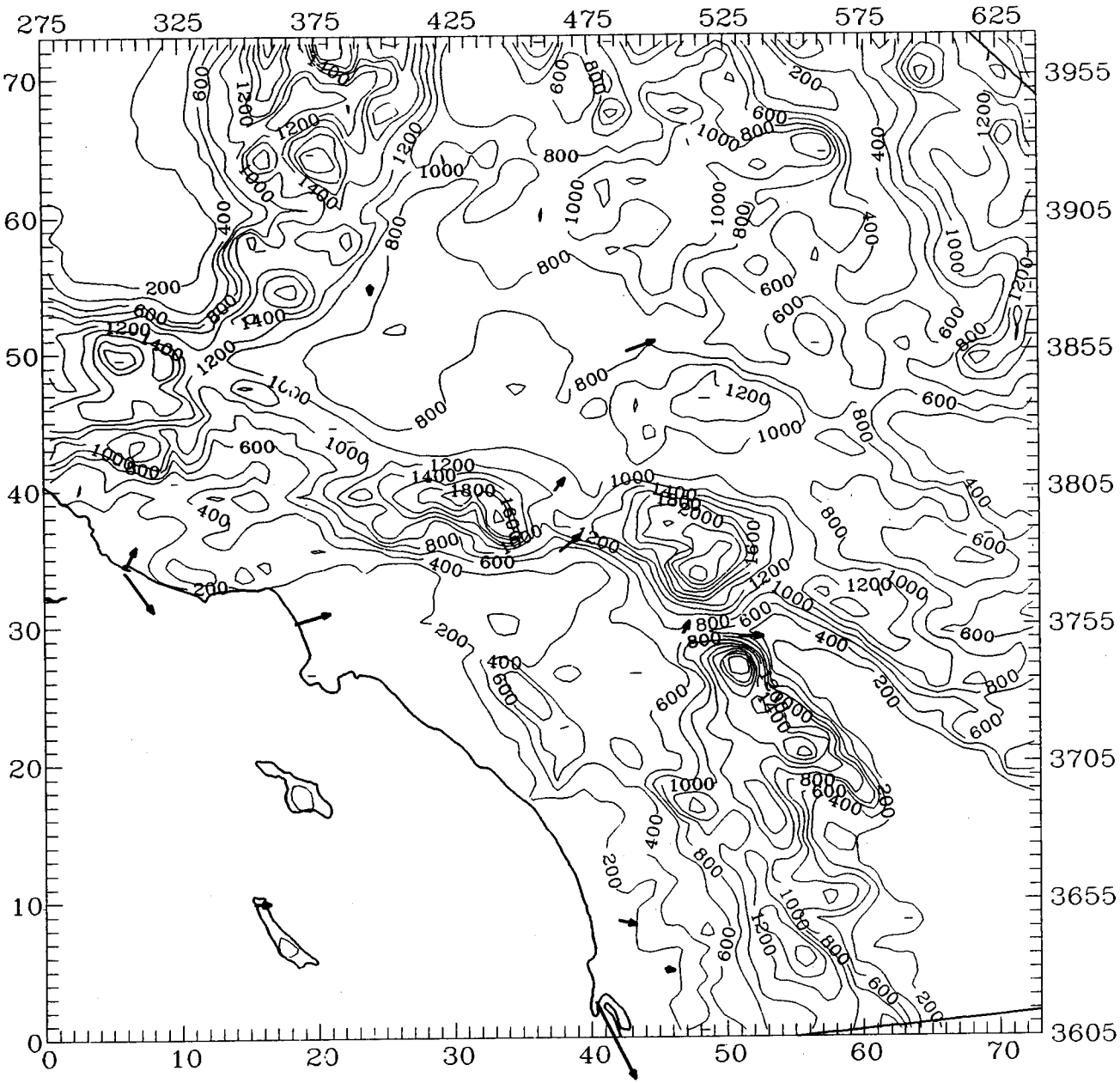




Averaged Wind Observations For Days Classified As H–M

0400 PST/1000 M AGL



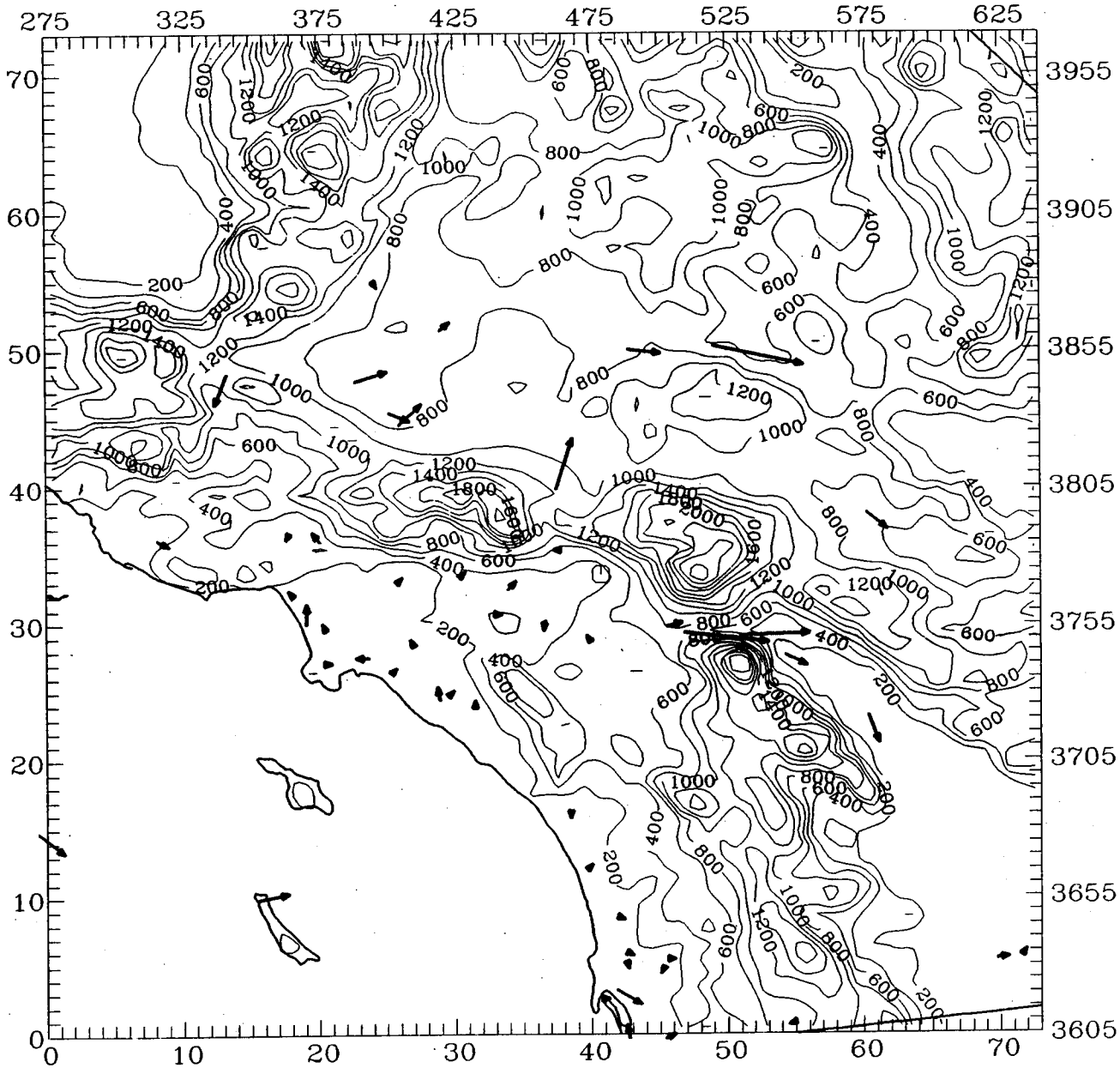


Averaged Wind Observations For Days Classified As H—M

0400 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

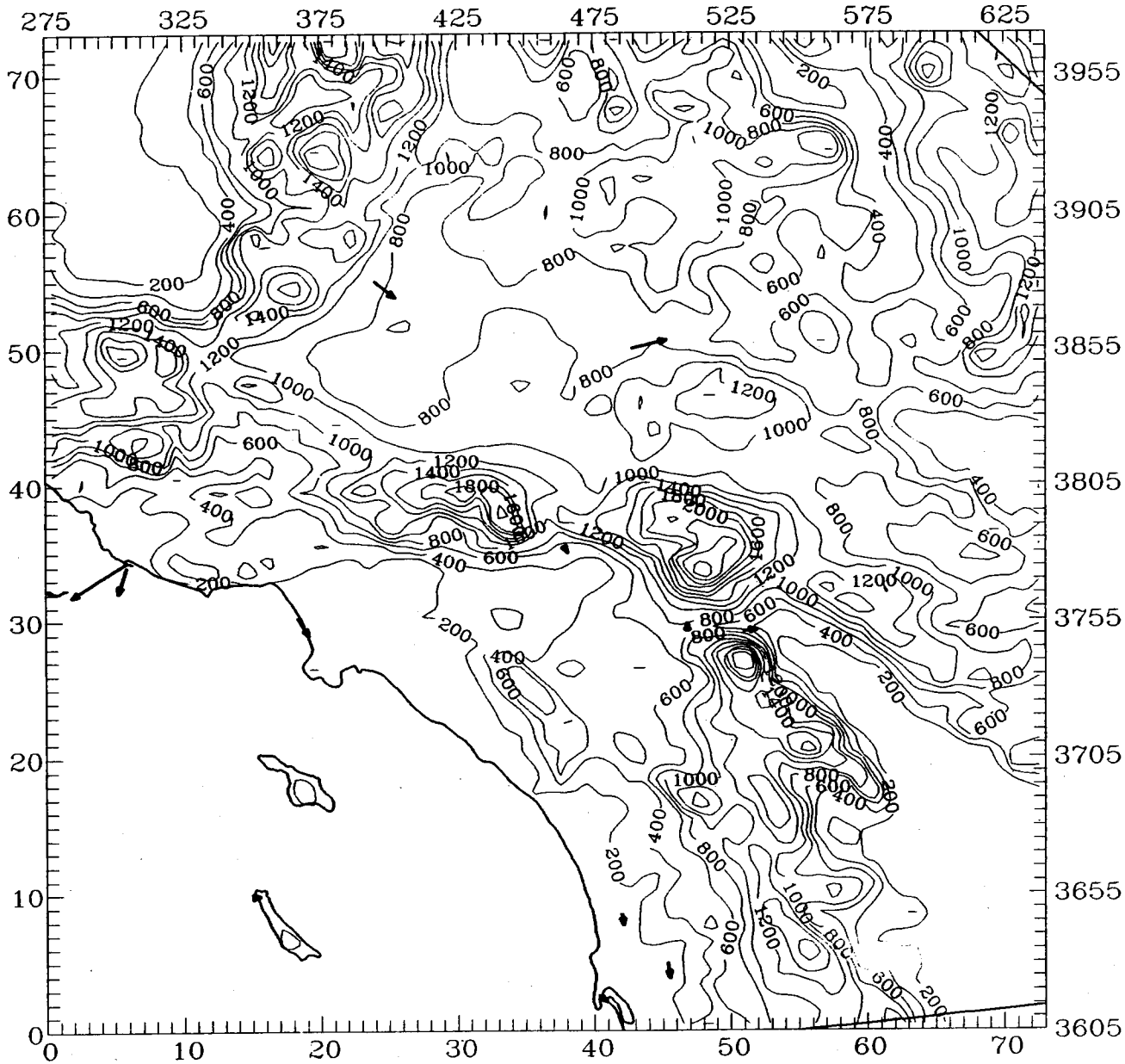


Averaged Wind Observations For Days Classified As H–M

0700 PST/Surface

0 5 10

WIND SPEED (M/S)

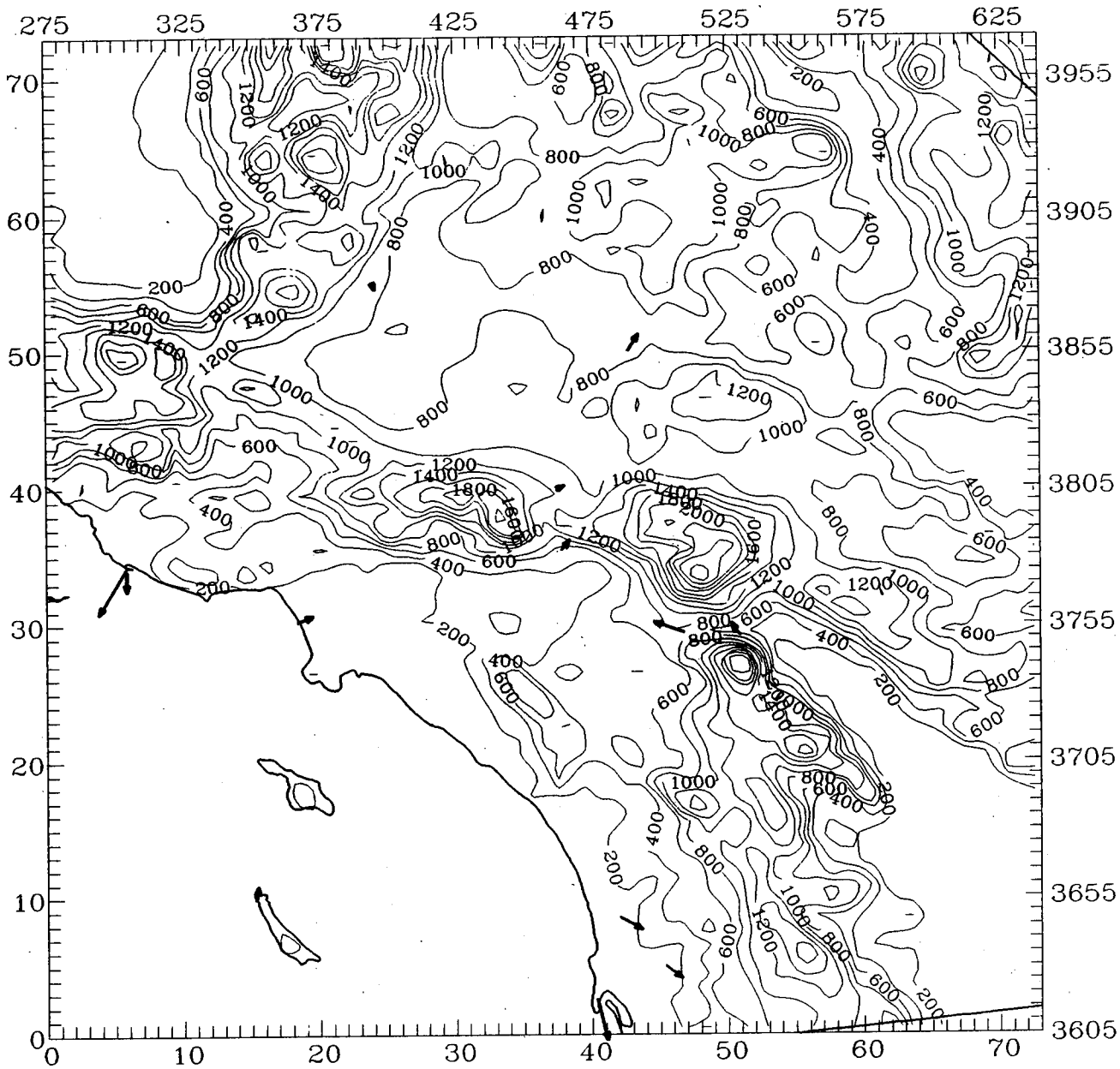


Averaged Wind Observations For Days Classified As H–M

0700 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

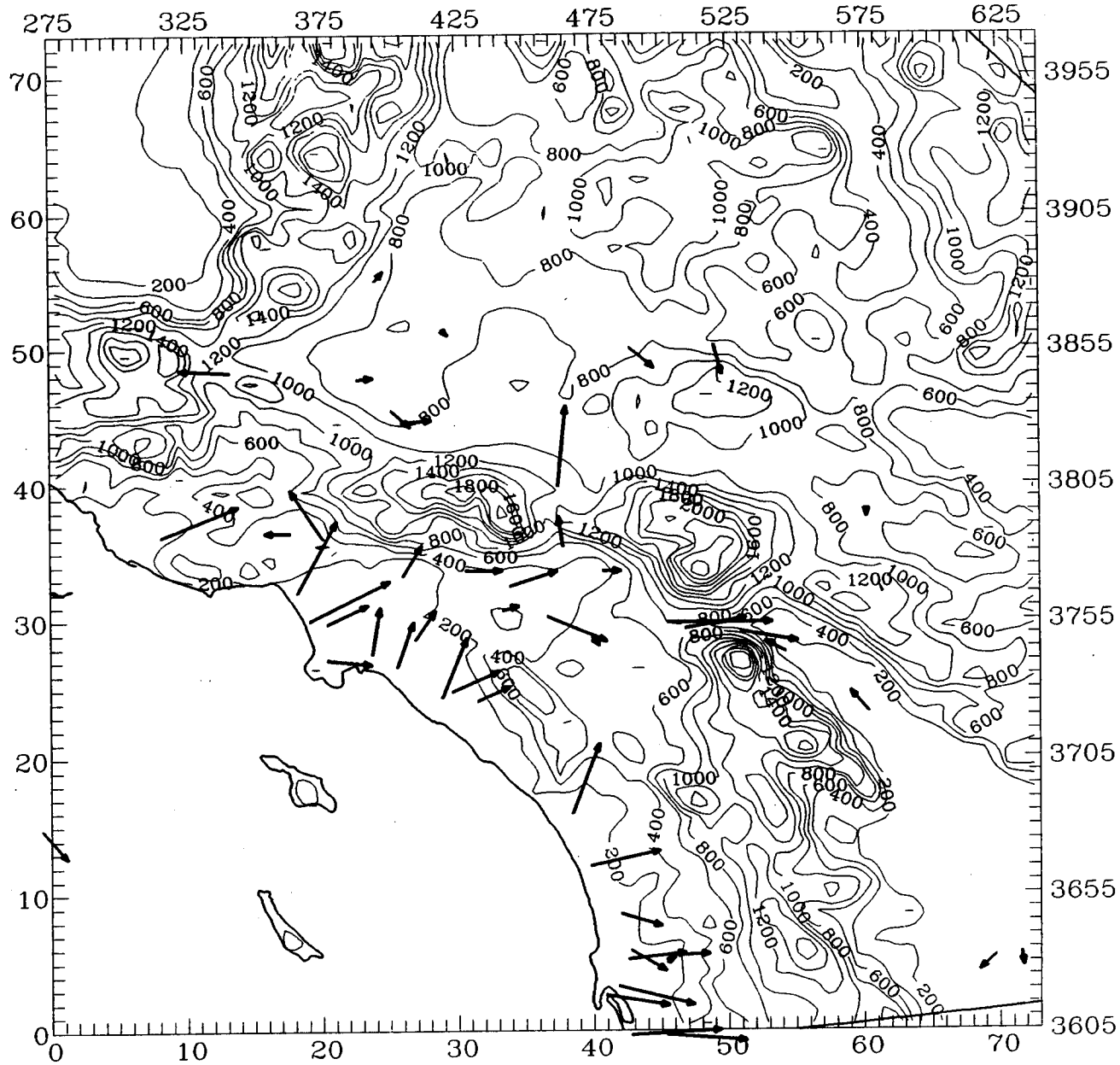


Averaged Wind Observations For Days Classified As H–M

0700 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

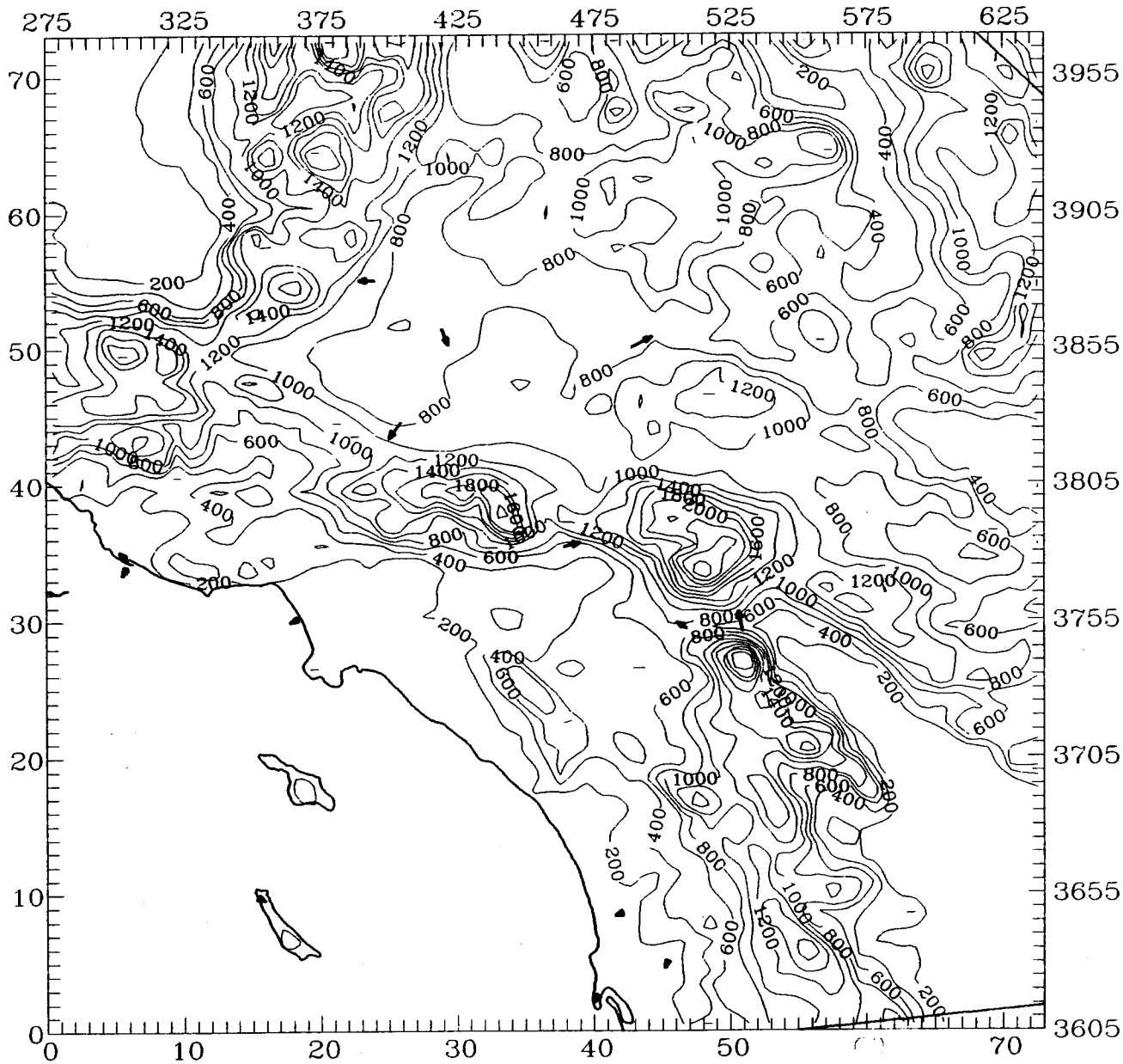


Averaged Wind Observations For Days Classified As H–M

1000 PST/Surface

0 5 10

WIND SPEED (M/S)

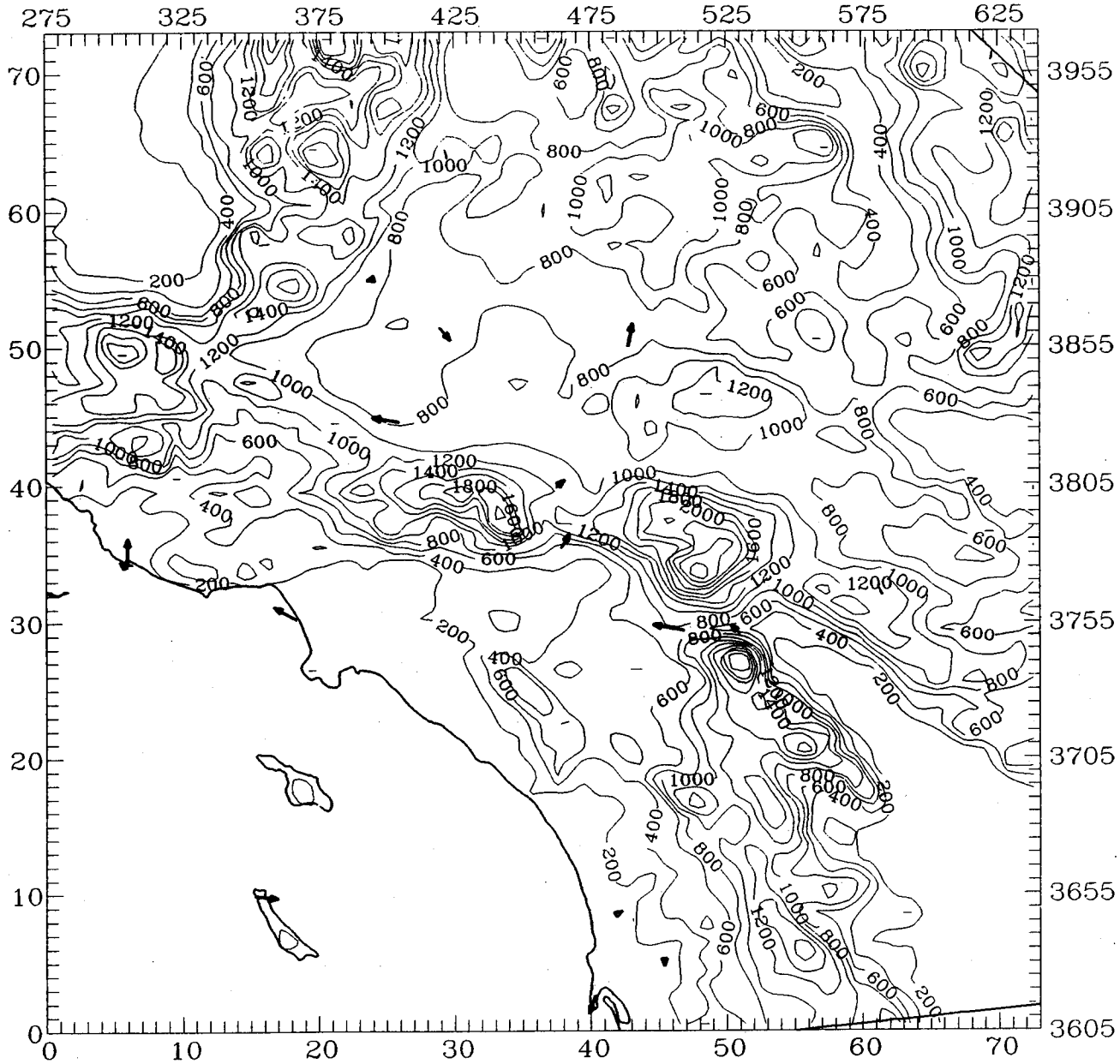


Averaged Wind Observations For Days Classified As H–M

1000 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

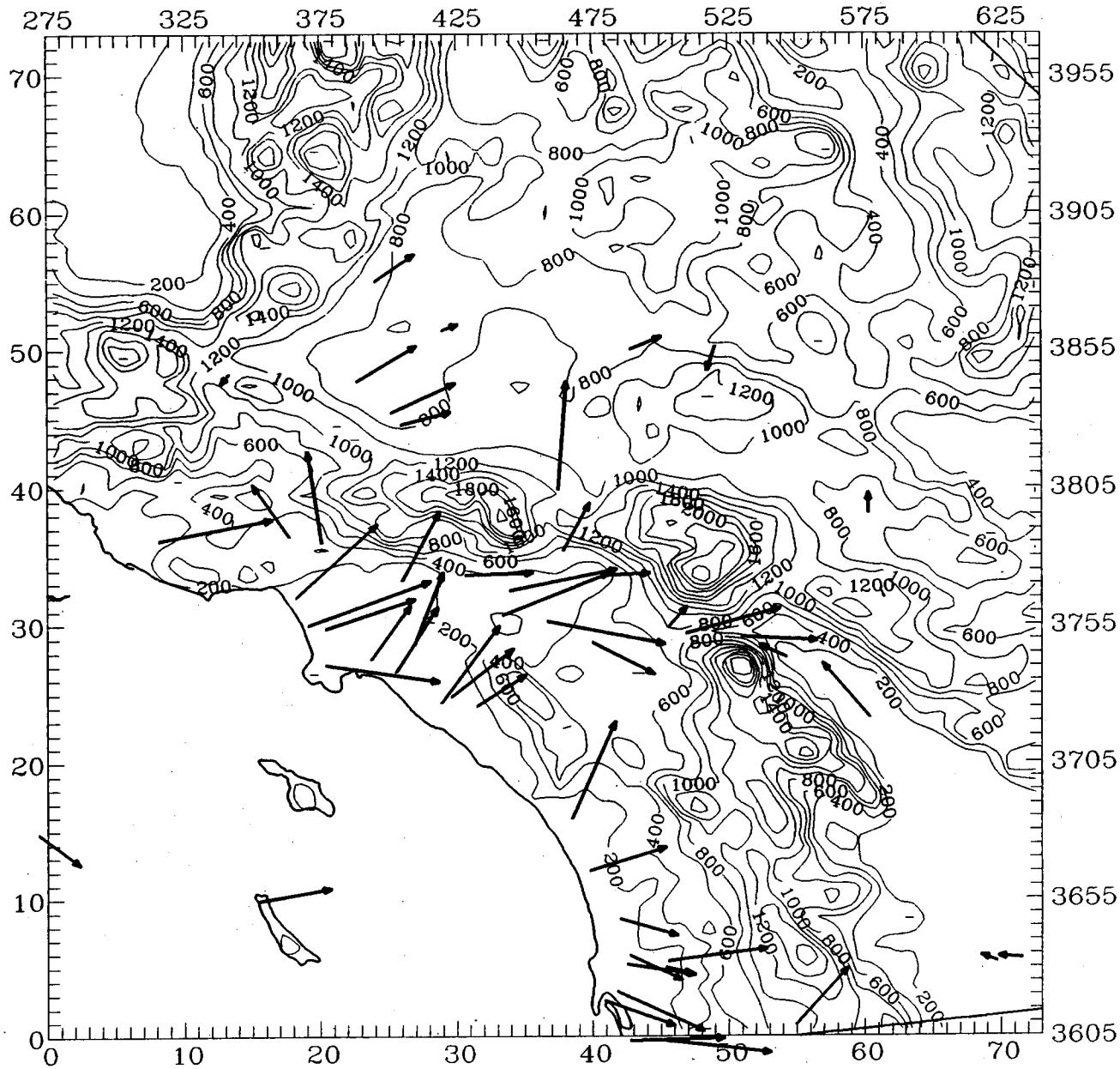


Averaged Wind Observations For Days Classified As H–M

1000 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

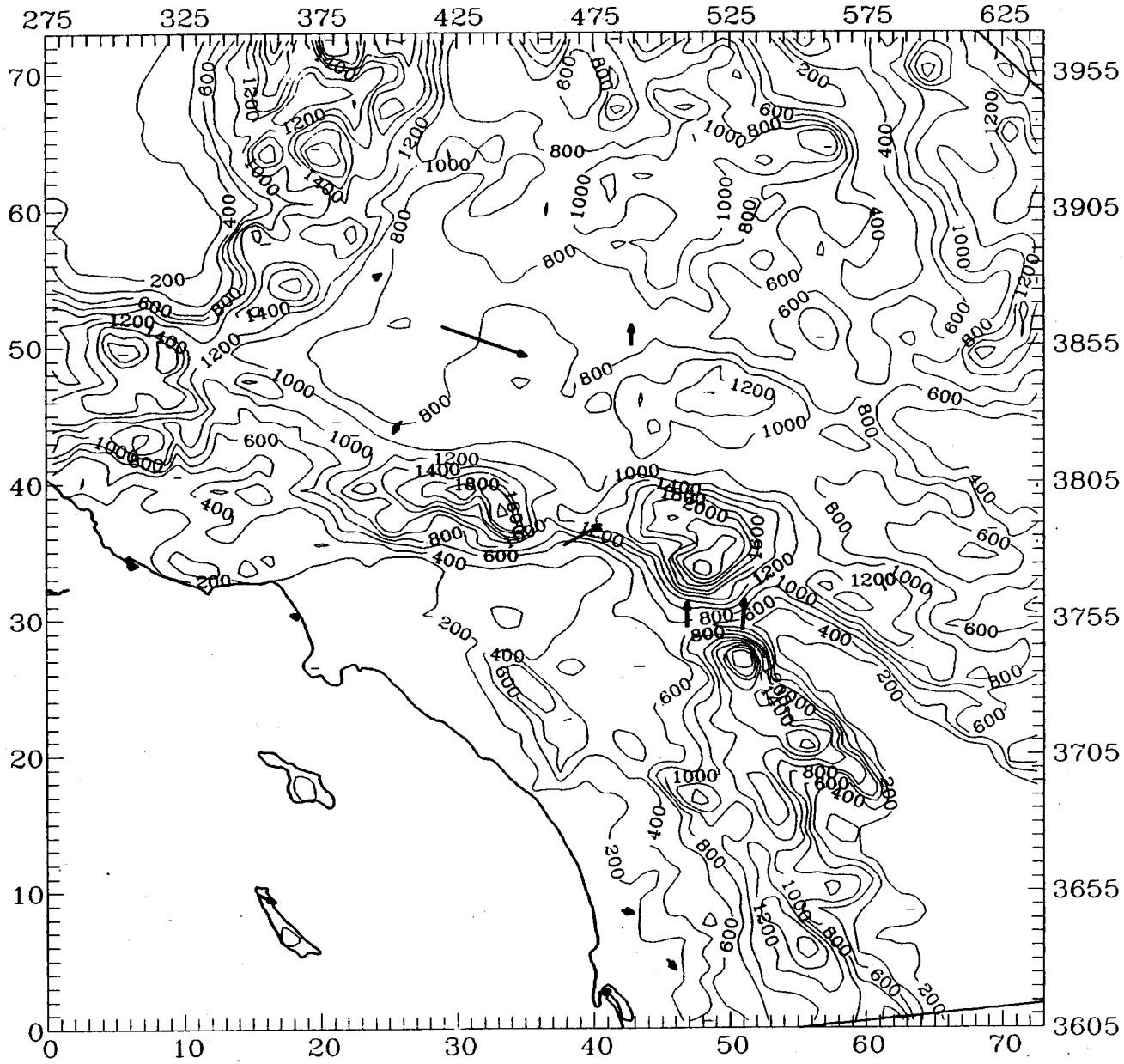


Averaged Wind Observations For Days Classified As H–M

1300 PST/Surface

0 5 10

WIND SPEED (M/S)

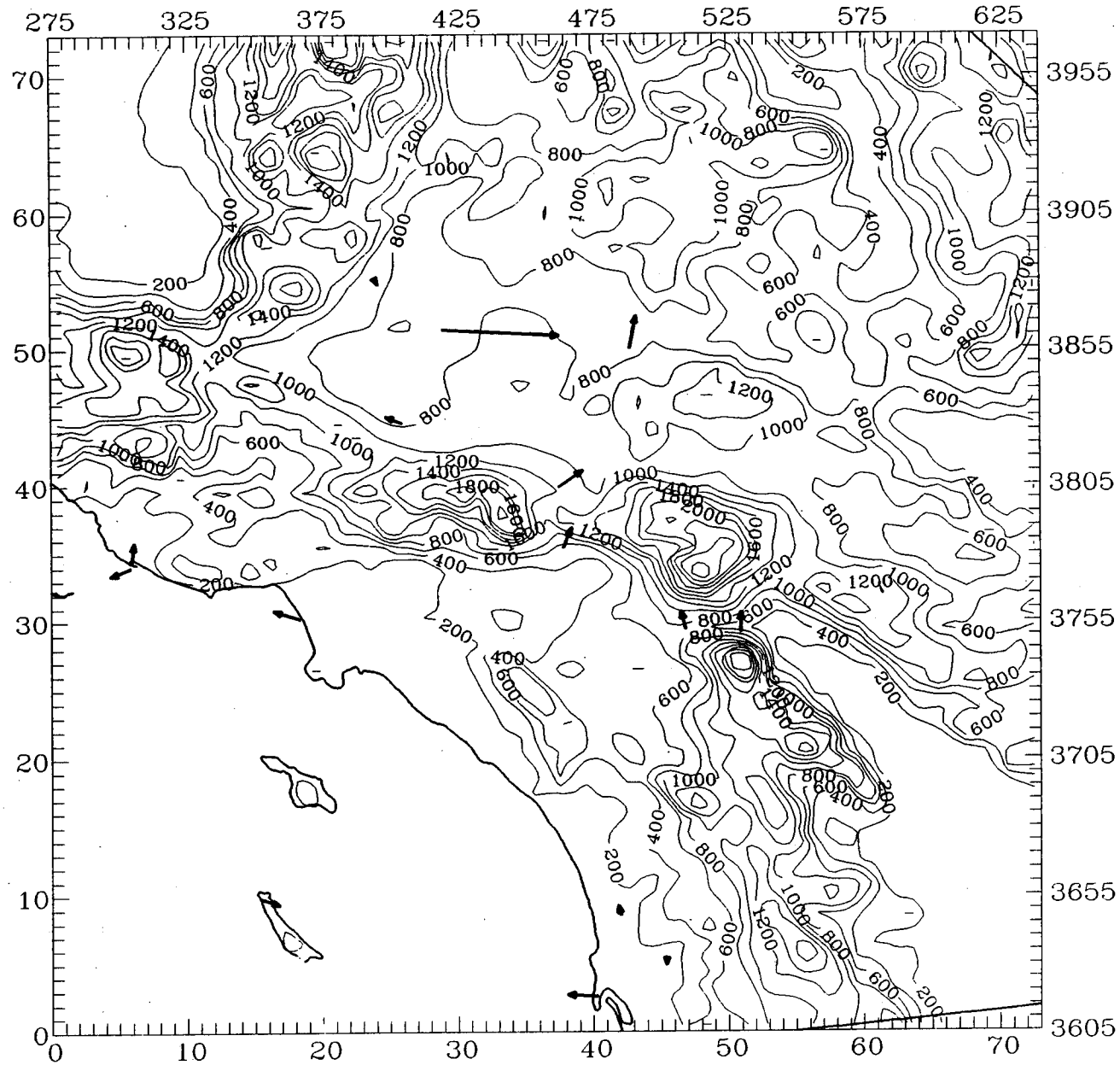


Averaged Wind Observations For Days Classified As H–M

1300 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

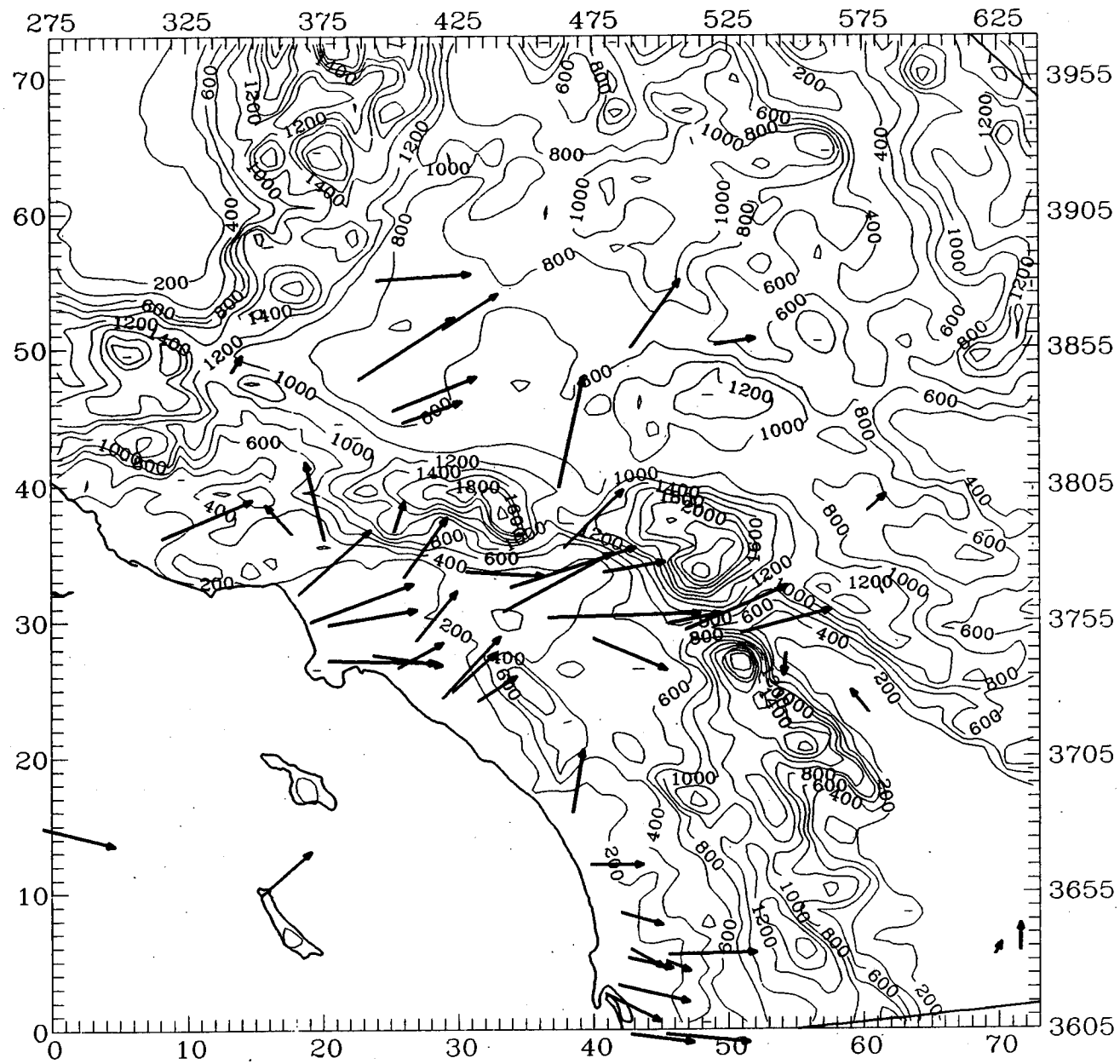


Averaged Wind Observations For Days Classified As H–M

1300 PST/2000 M AGL

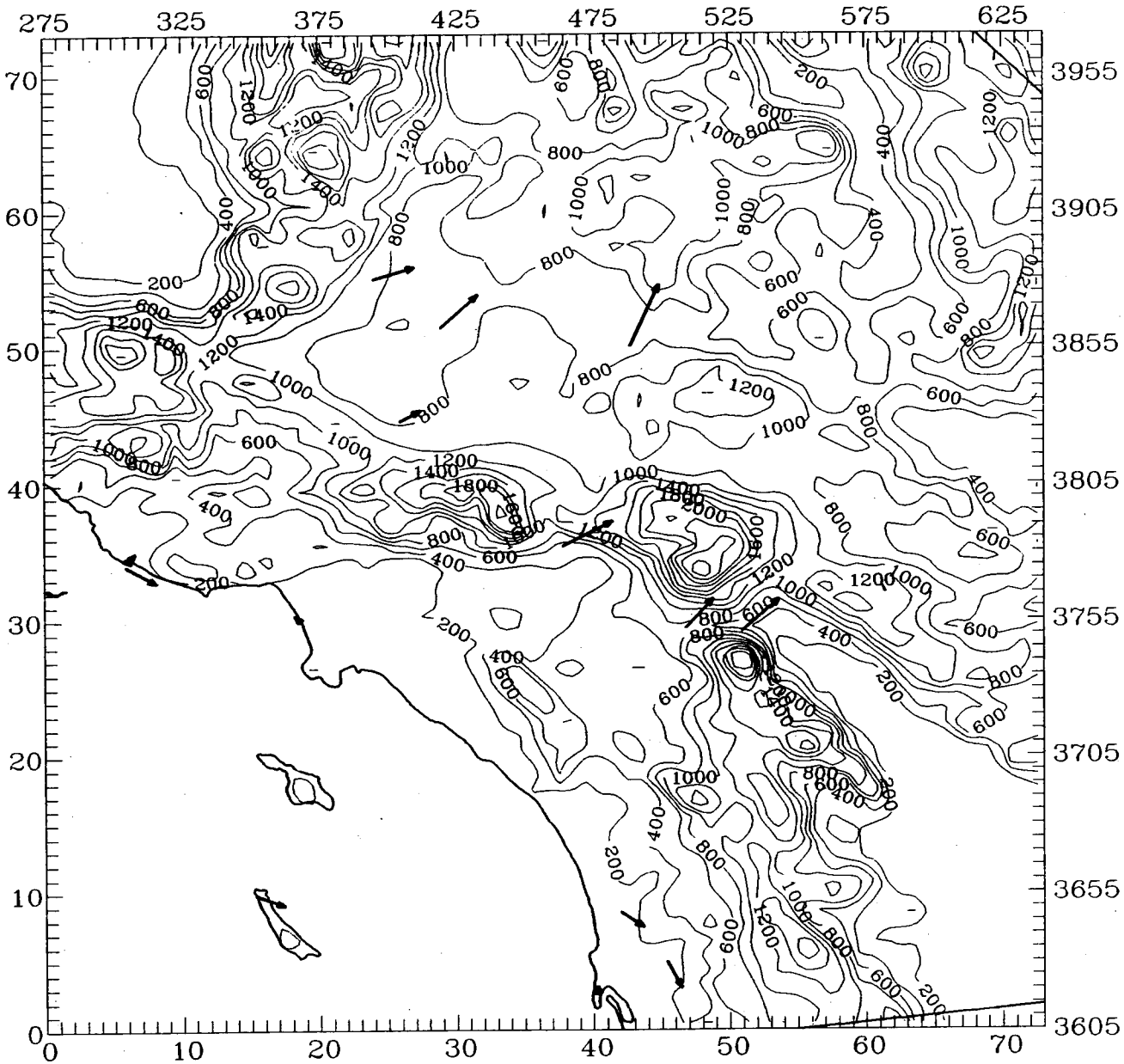
0 5 10

WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–M

1600 PST/Surface

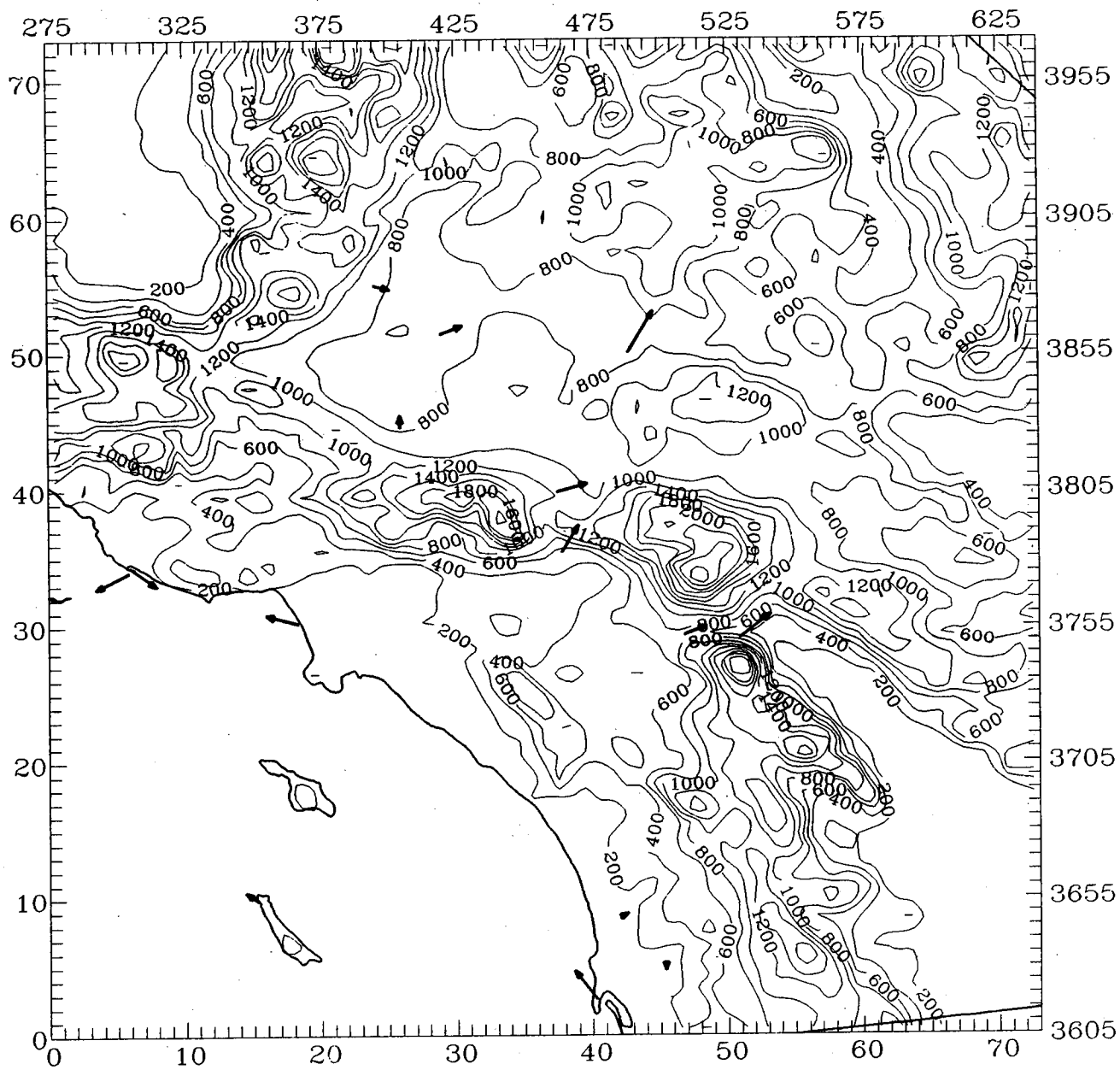


Averaged Wind Observations For Days Classified As H–M

1600 PST/1000 M AGL

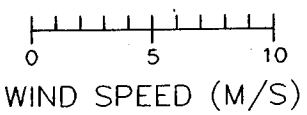
0 5 10

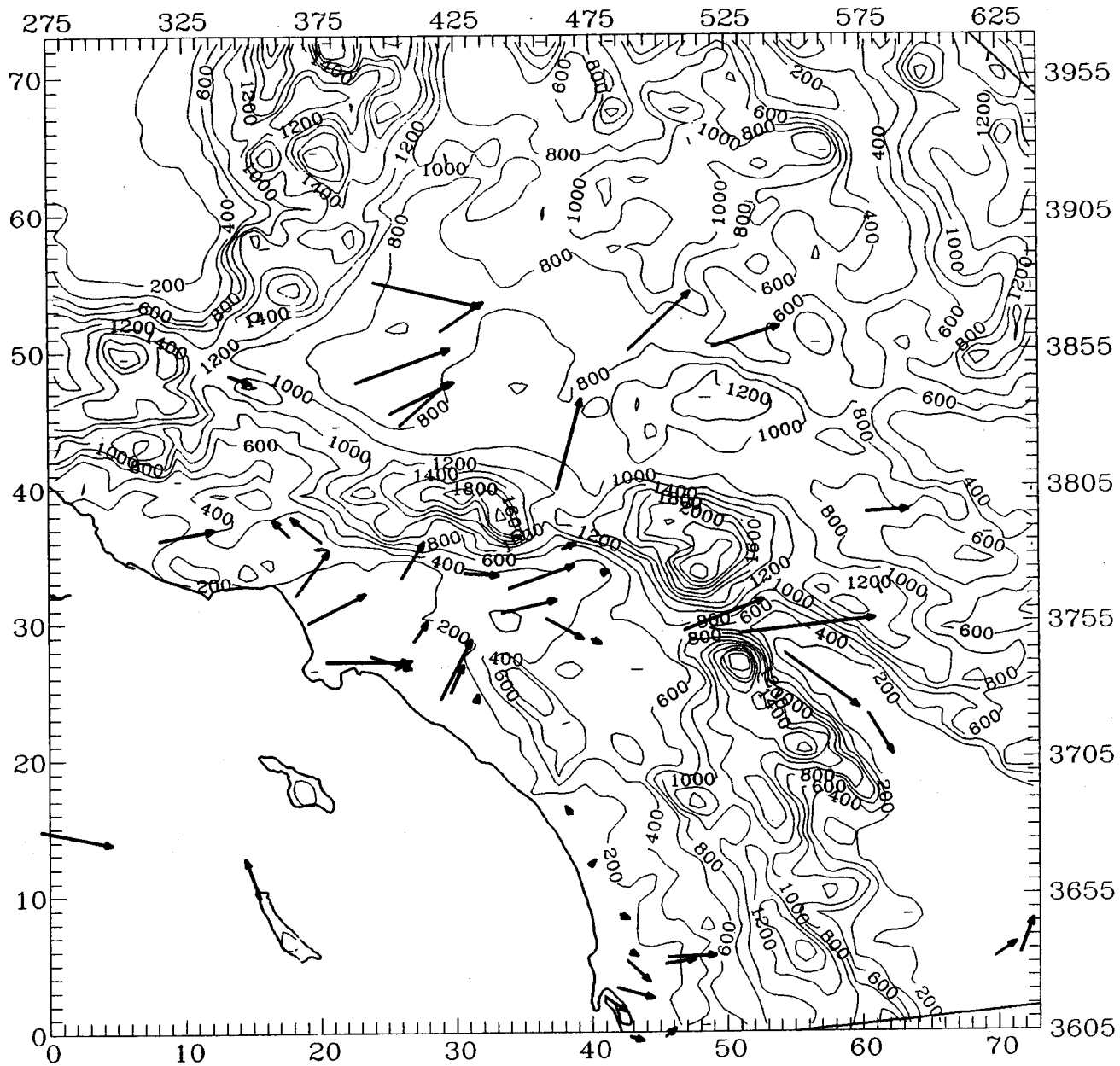
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–M

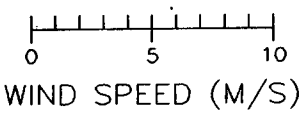
1600 PST/2000 M AGL

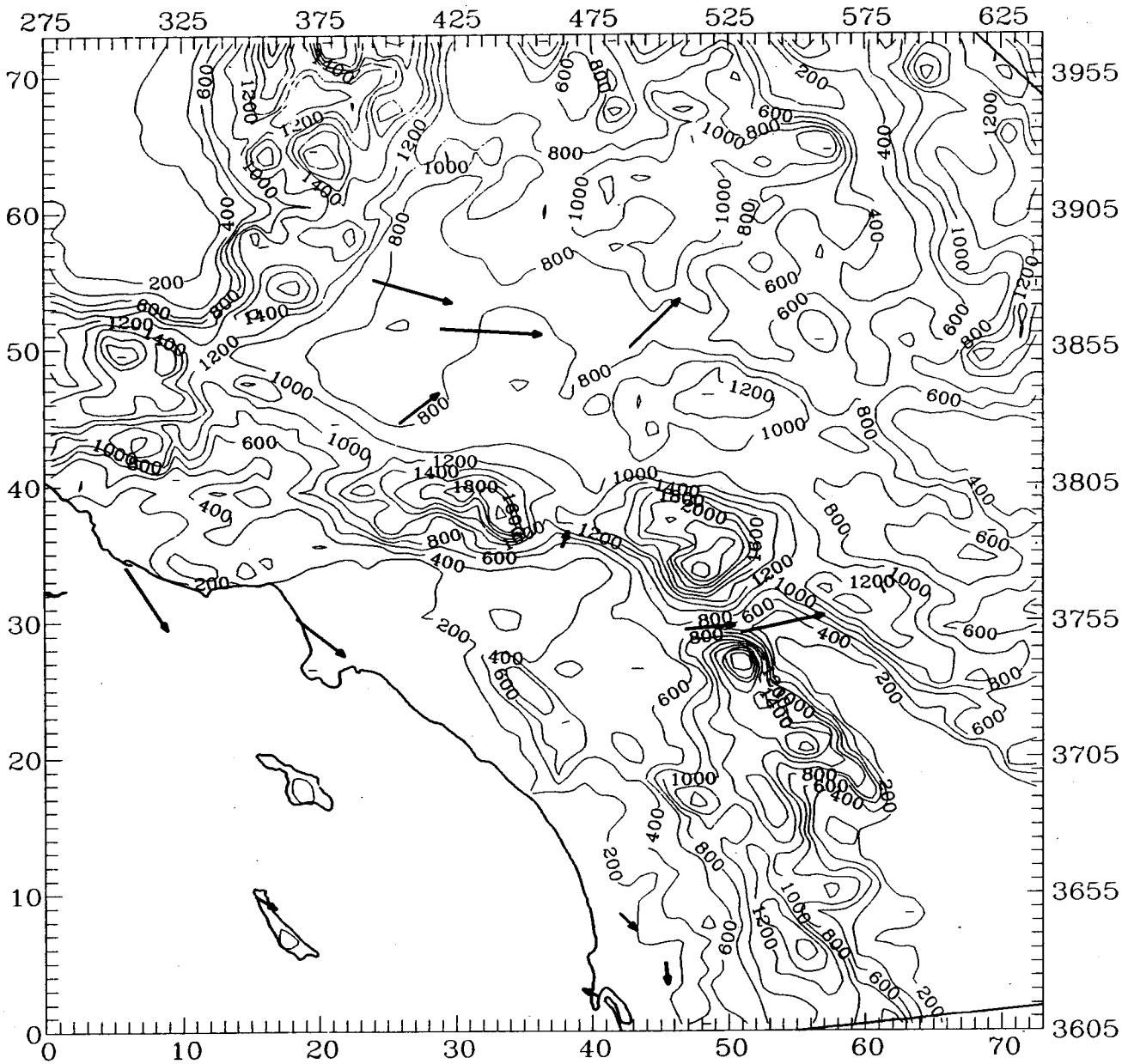




Averaged Wind Observations For Days Classified As H–M

1900 PST/Surface



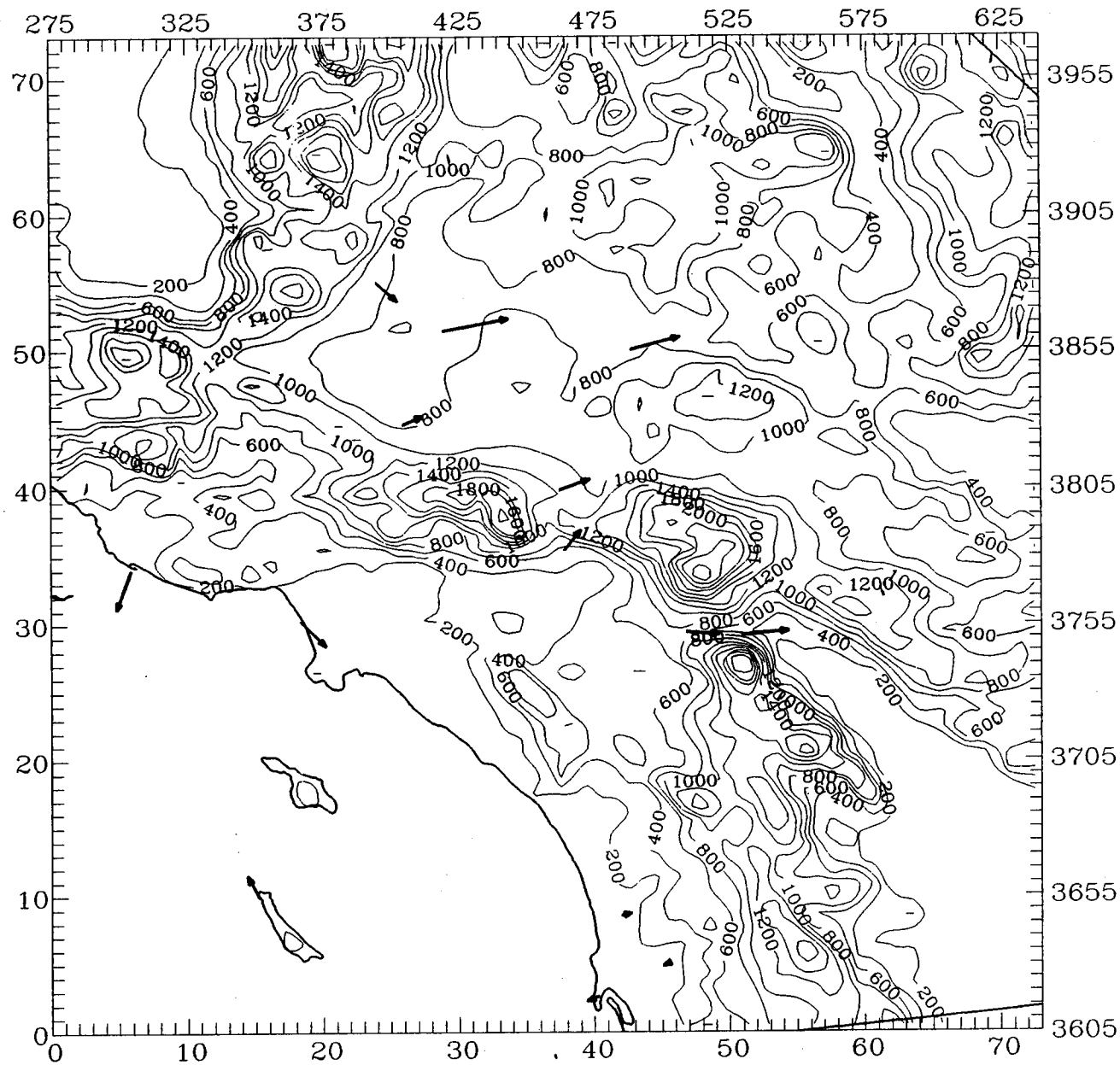


Averaged Wind Observations For Days Classified As H–M

1900 PST/1000 M AGL

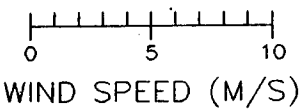
0 5 10

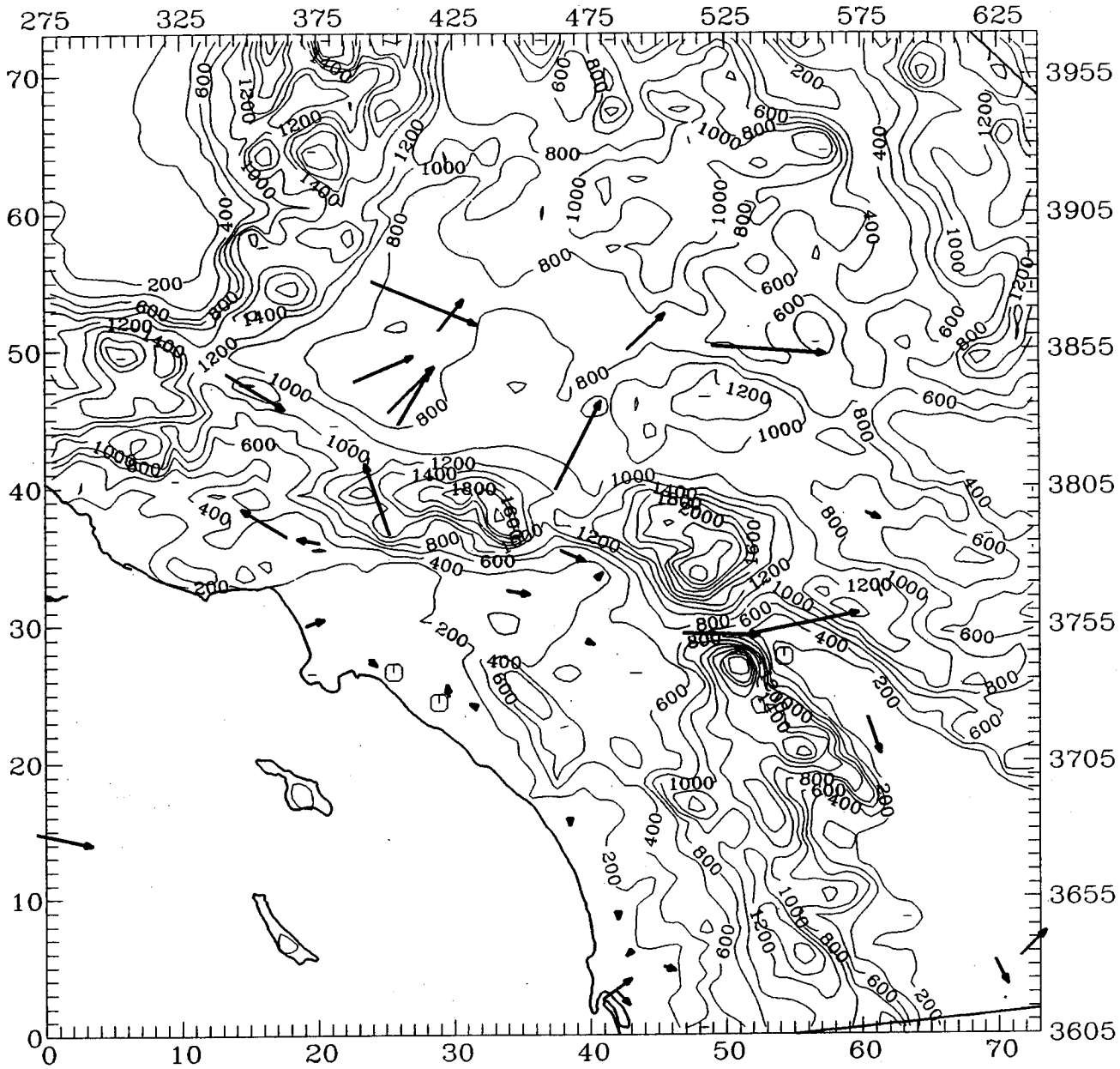
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–M

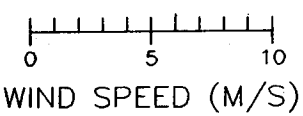
1900 PST/2000 M AGL

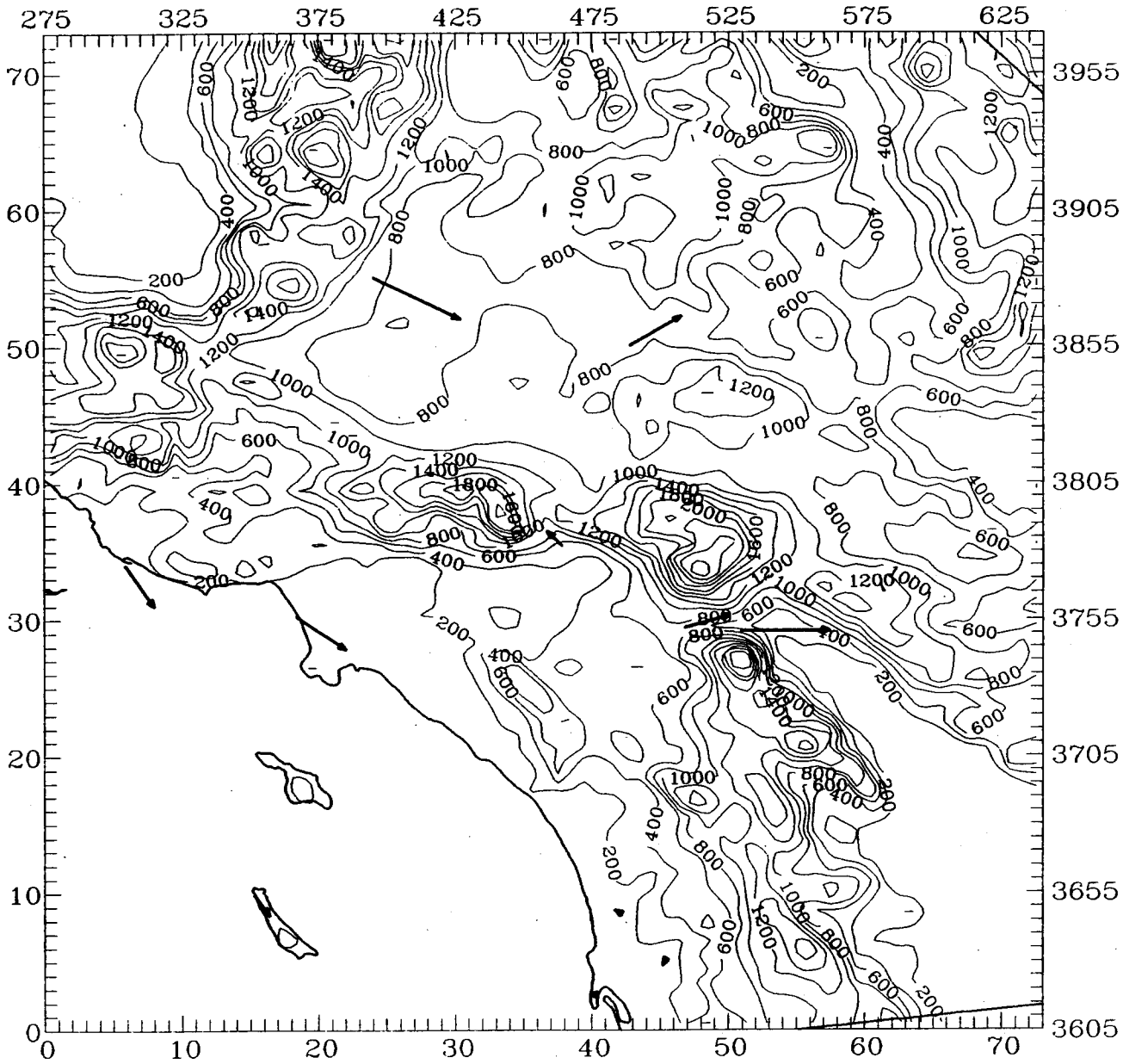




Averaged Wind Observations For Days Classified As H–M

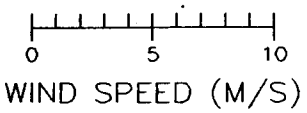
2200 PST/Surface

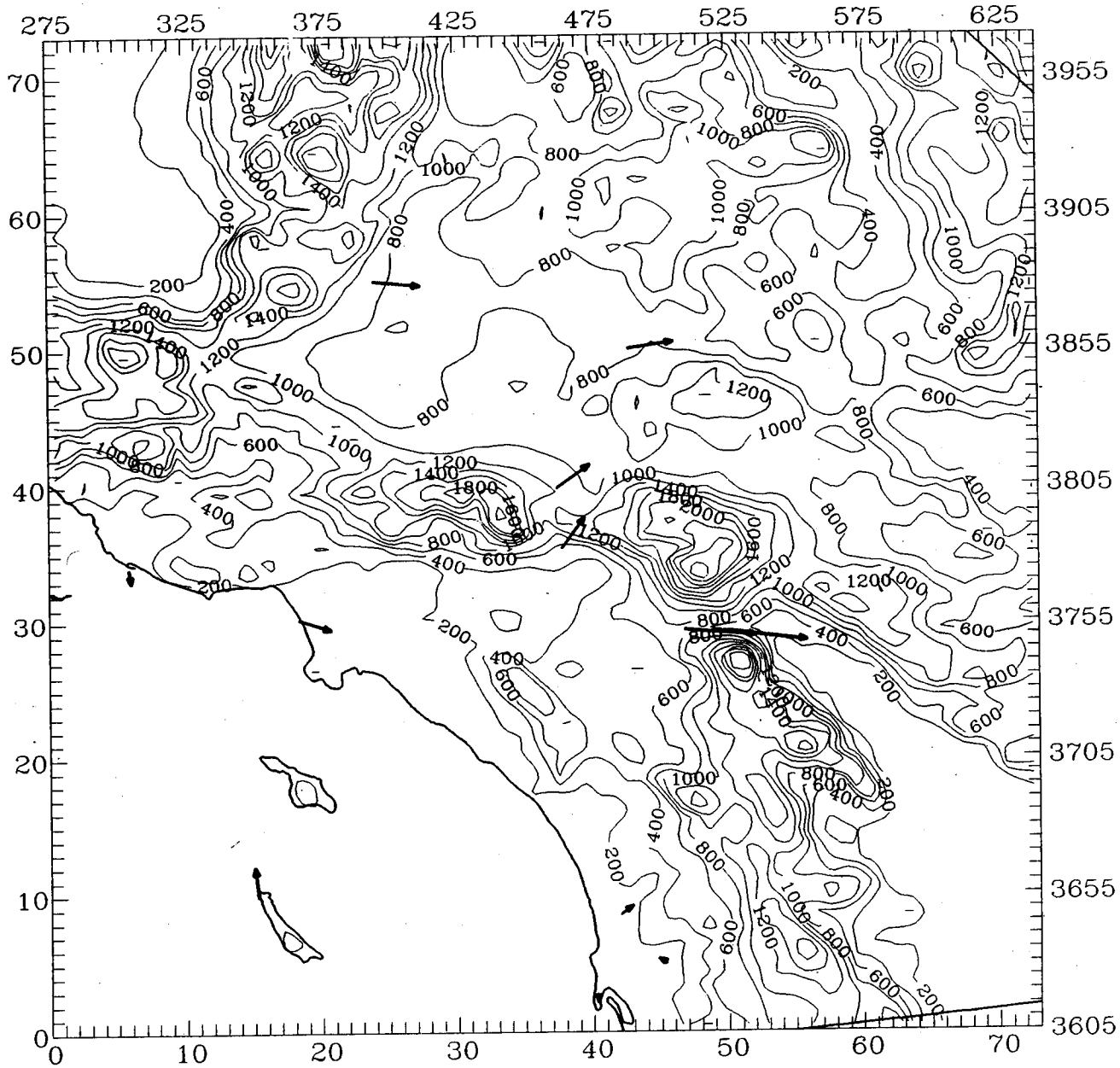




Averaged Wind Observations For Days Classified As H–M

2200 PST/1000 M AGL





Averaged Wind Observations For Days Classified As H–M

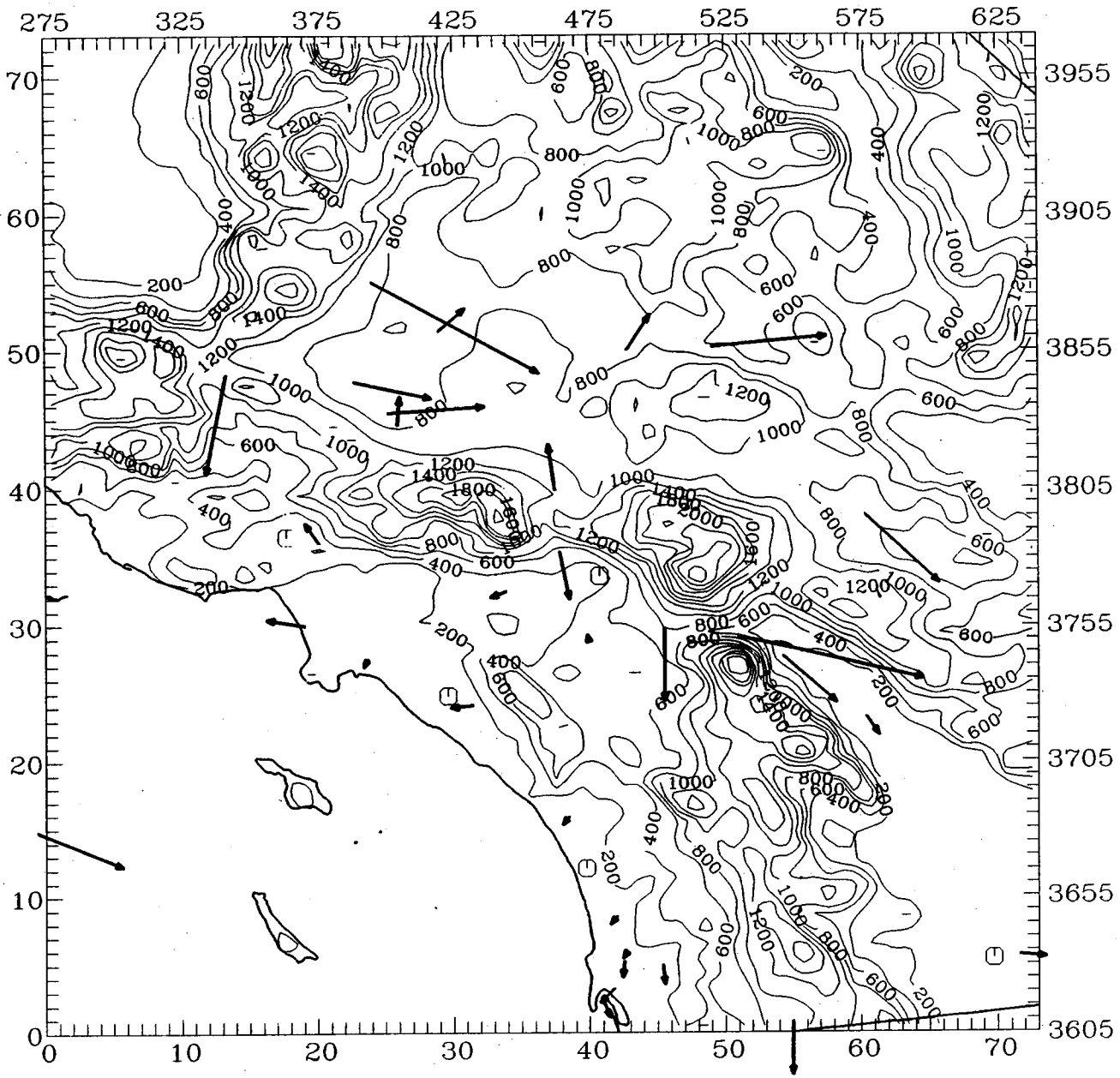
2200 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

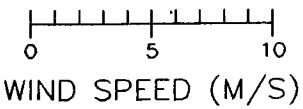
COMPOSITE WIND PLOTS FOR THE DAYS CLASSIFIED AS HIGH-LOW FOR THE SURFACE, 1000 M AGL, AND 2000 M AGL LEVELS

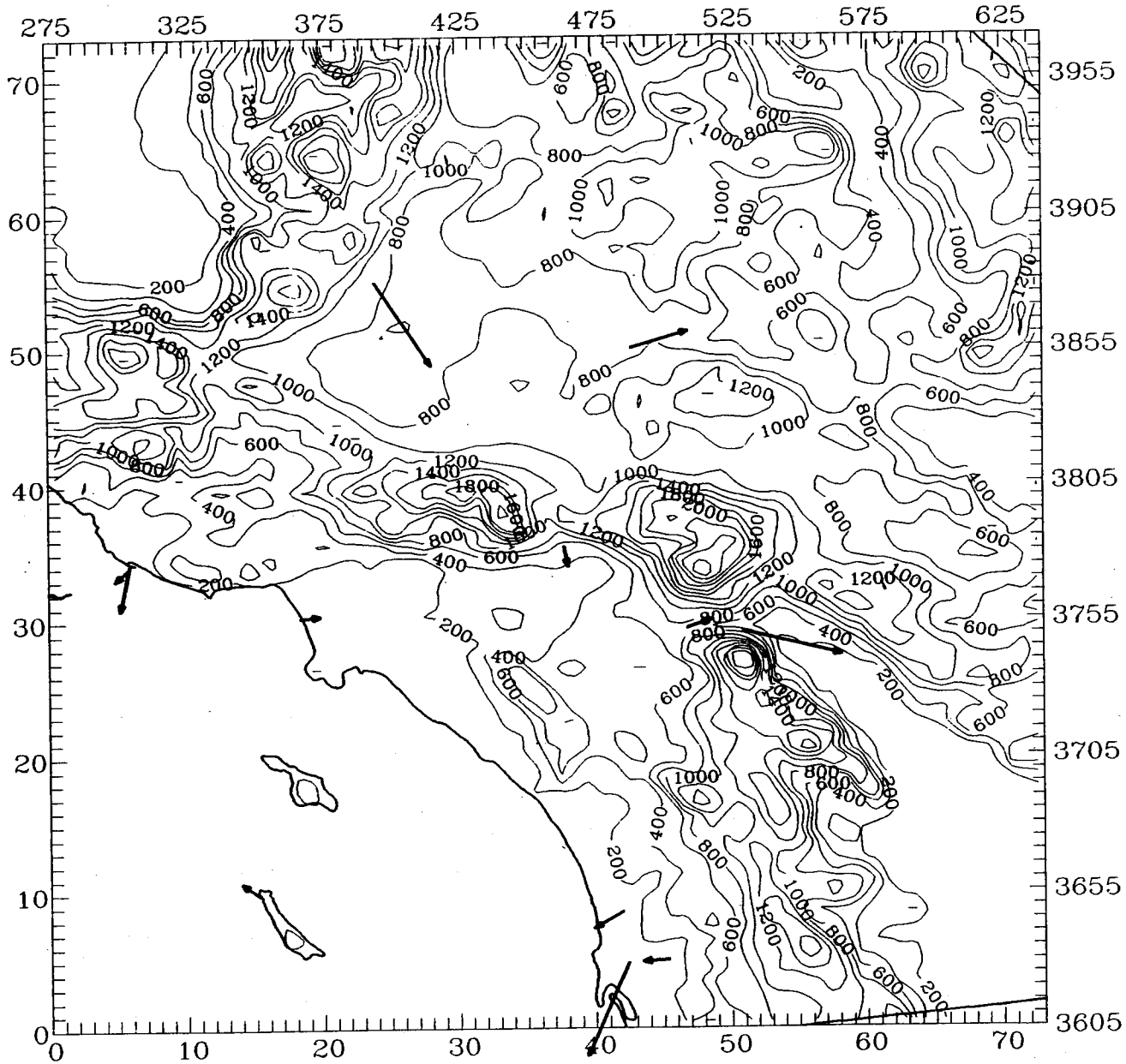
0400 PST
0700 PST
1000 PST
1300 PST
1600 PST
1900 PST
2200 PST



Averaged Wind Observations For Days Classified As H–L

0400 PST/Surface



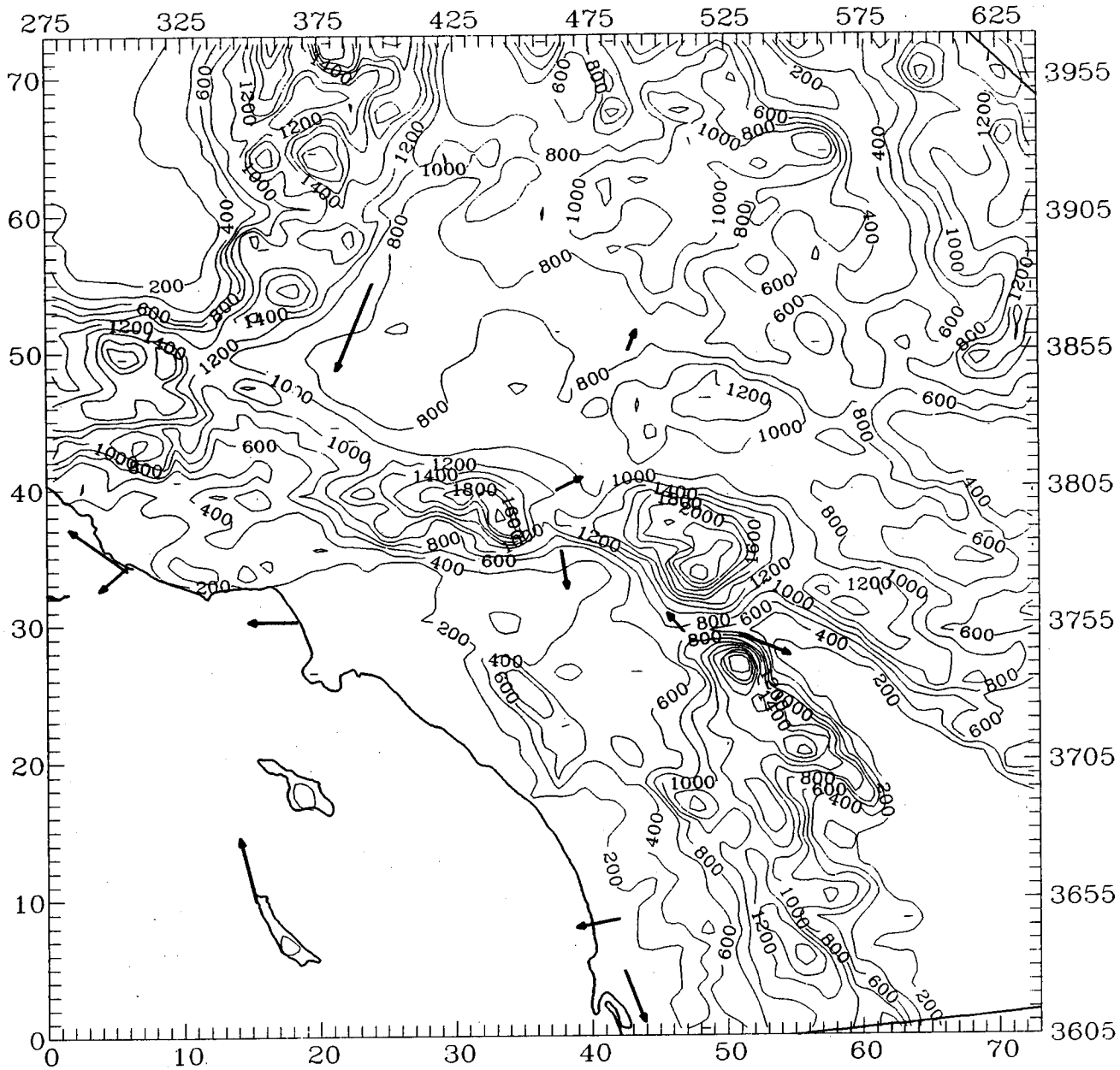


Averaged Wind Observations For Days Classified As H–L

0400 PST/1000 M AGL

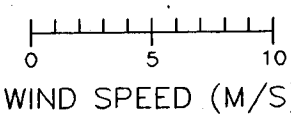
0 5 10

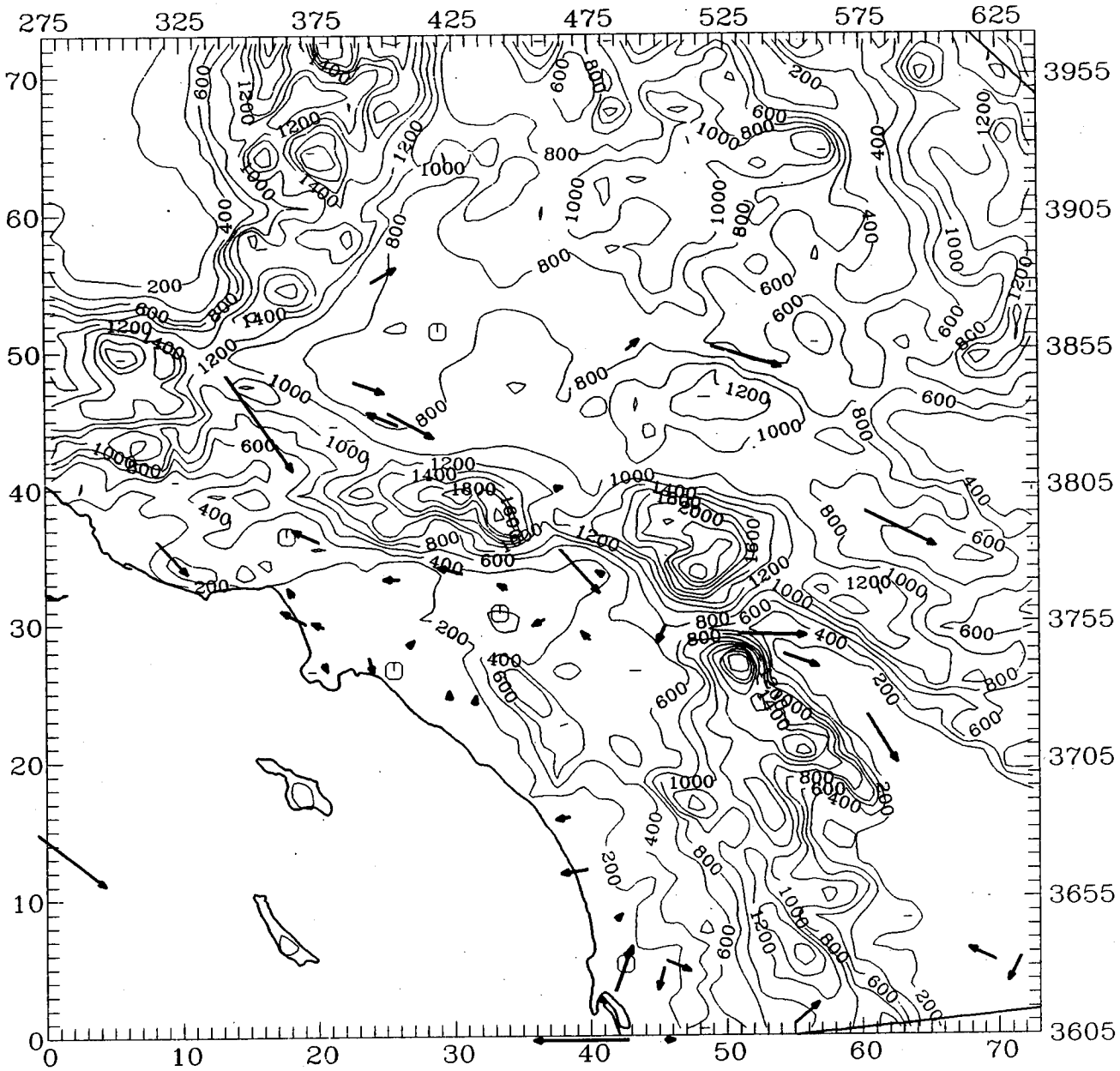
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–L

0400 PST/2000 M AGL



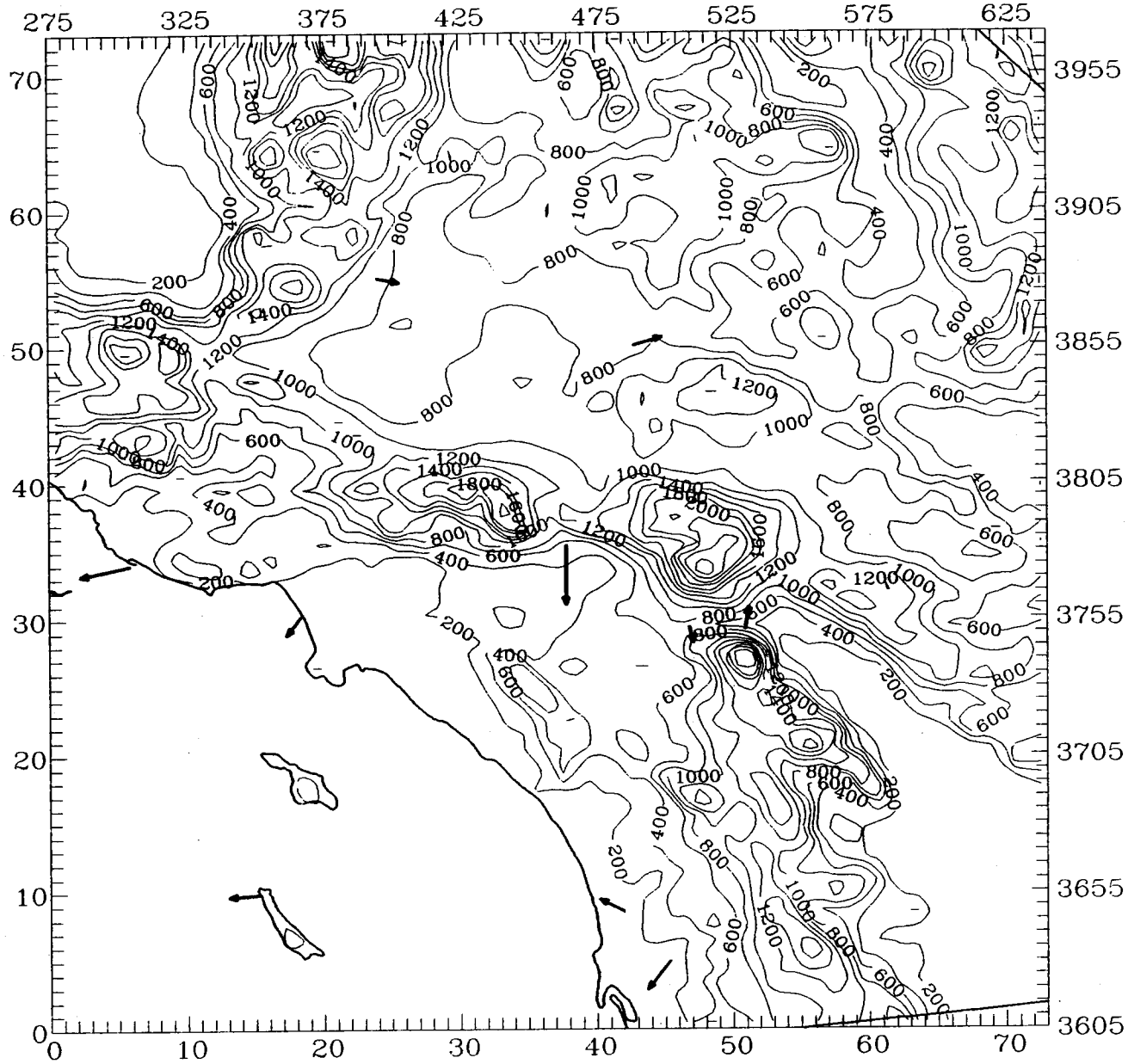


Averaged Wind Observations For Days Classified As H–L

0700 PST/Surface

0 5 10

WIND SPEED (M/S)

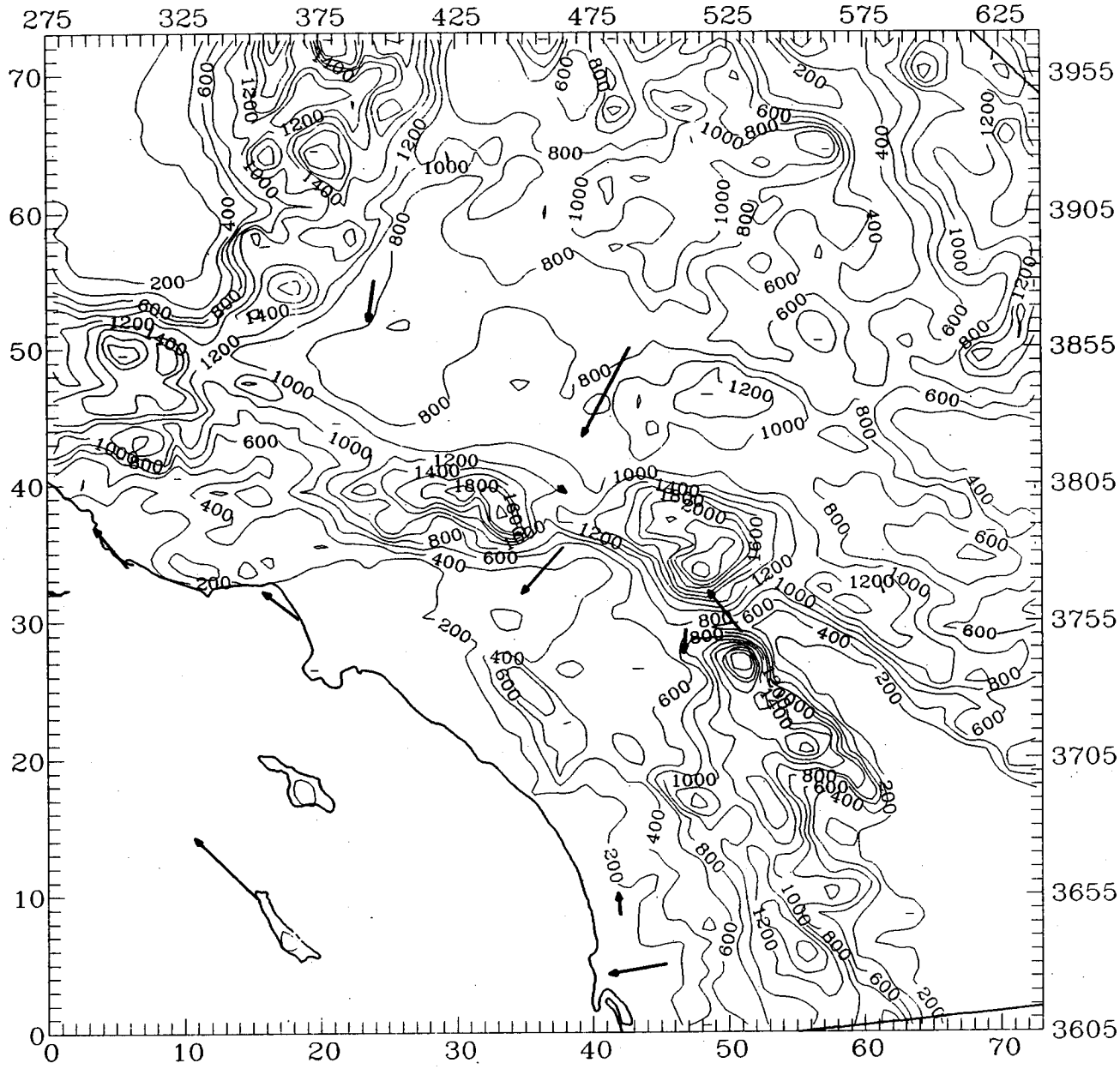


Averaged Wind Observations For Days Classified As H–L

0700 PST/1000 M AGL

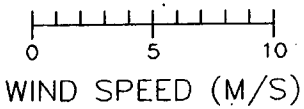
0 5 10

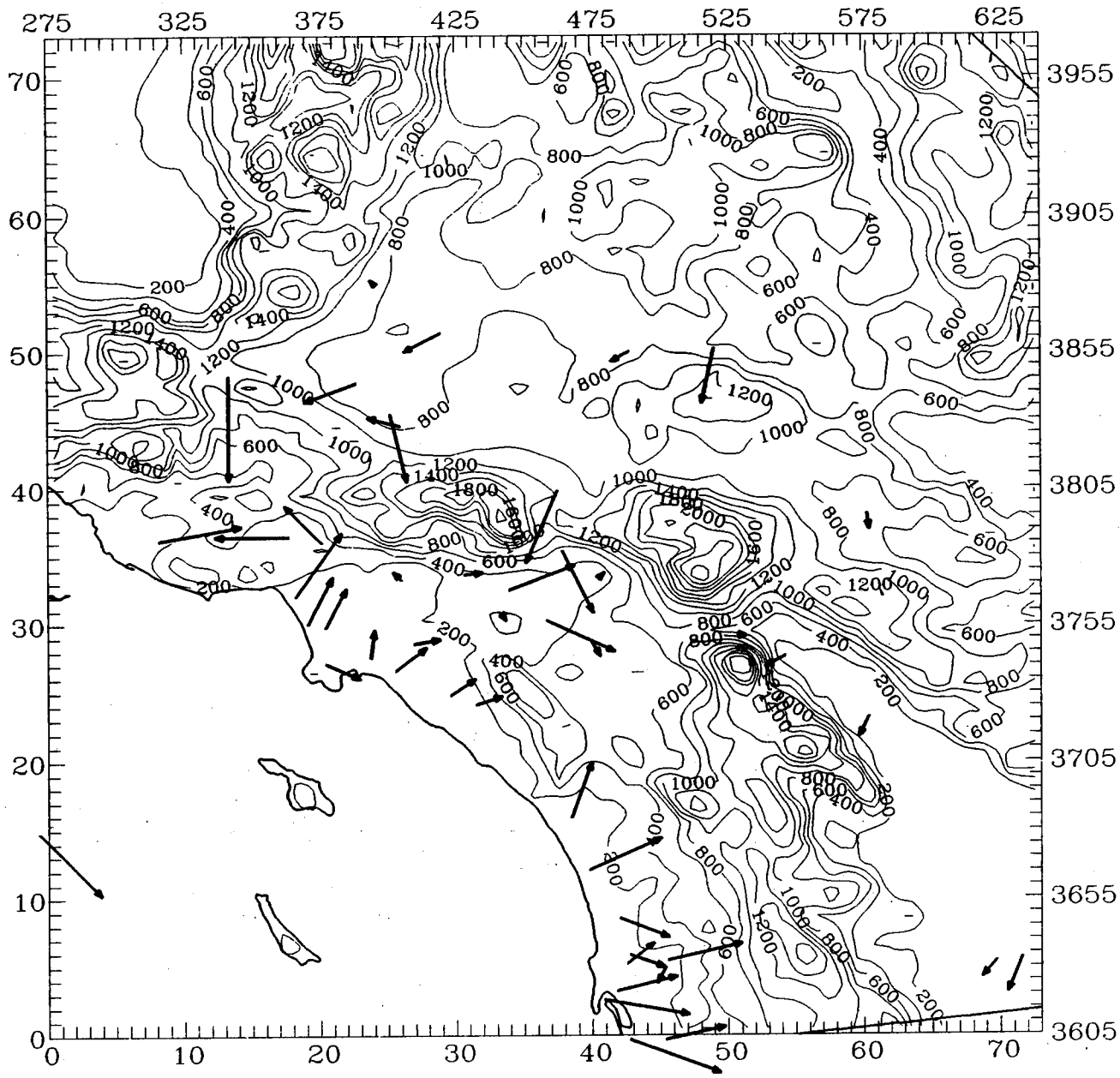
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–L

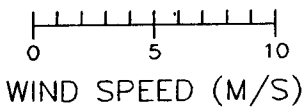
0700 PST/2000 M AGL

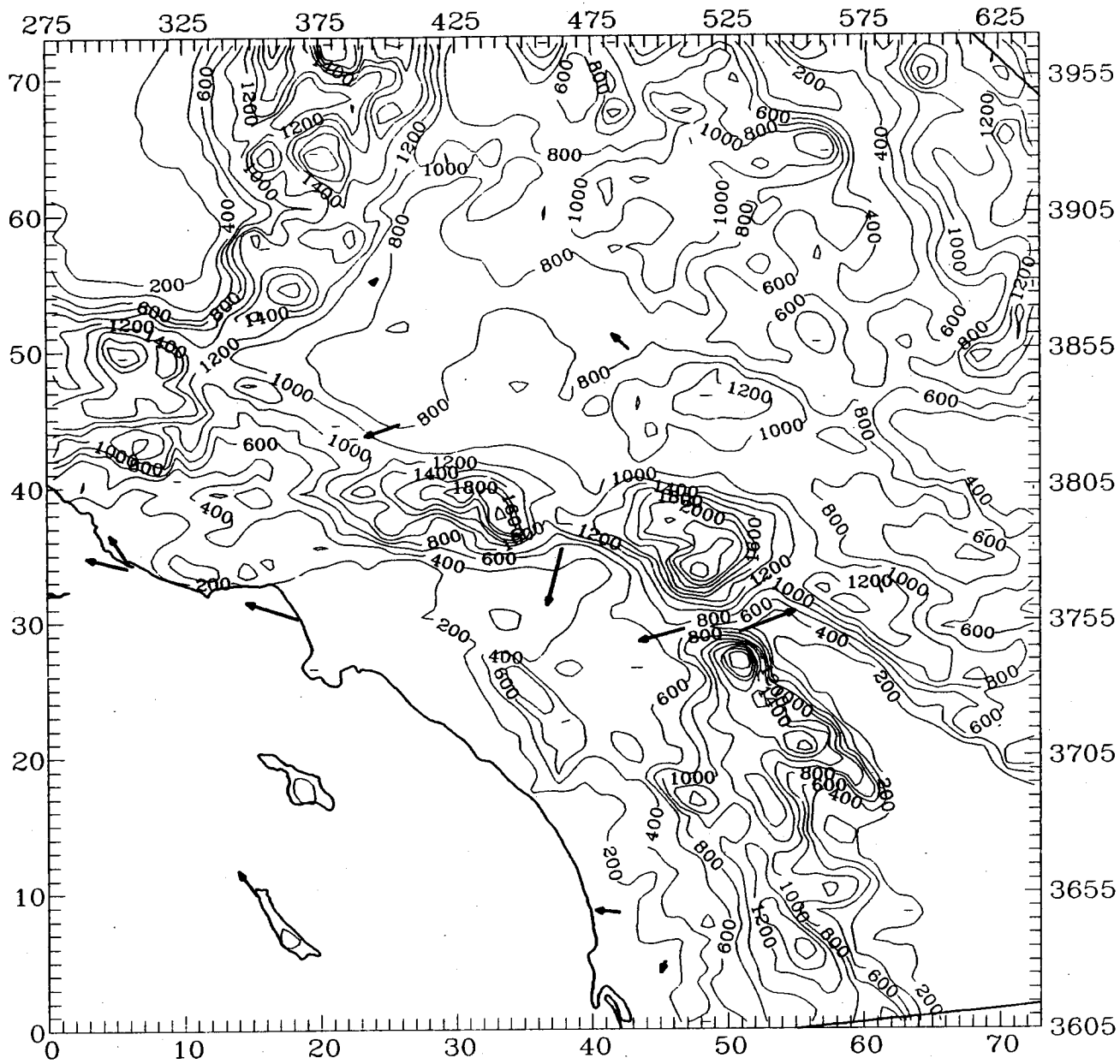




Averaged Wind Observations For Days Classified As H–L

1000 PST/Surface



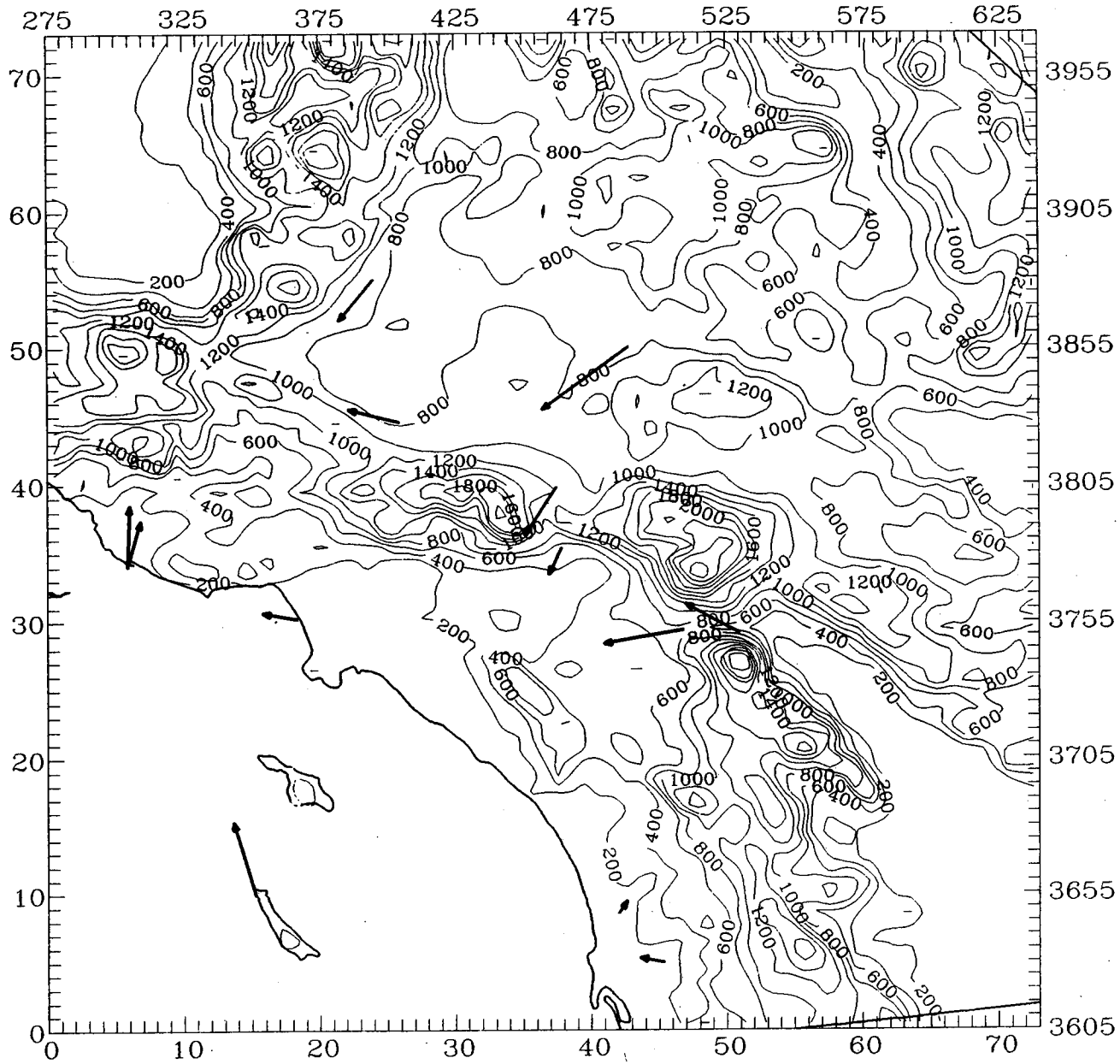


Averaged Wind Observations For Days Classified As H–L

1000 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

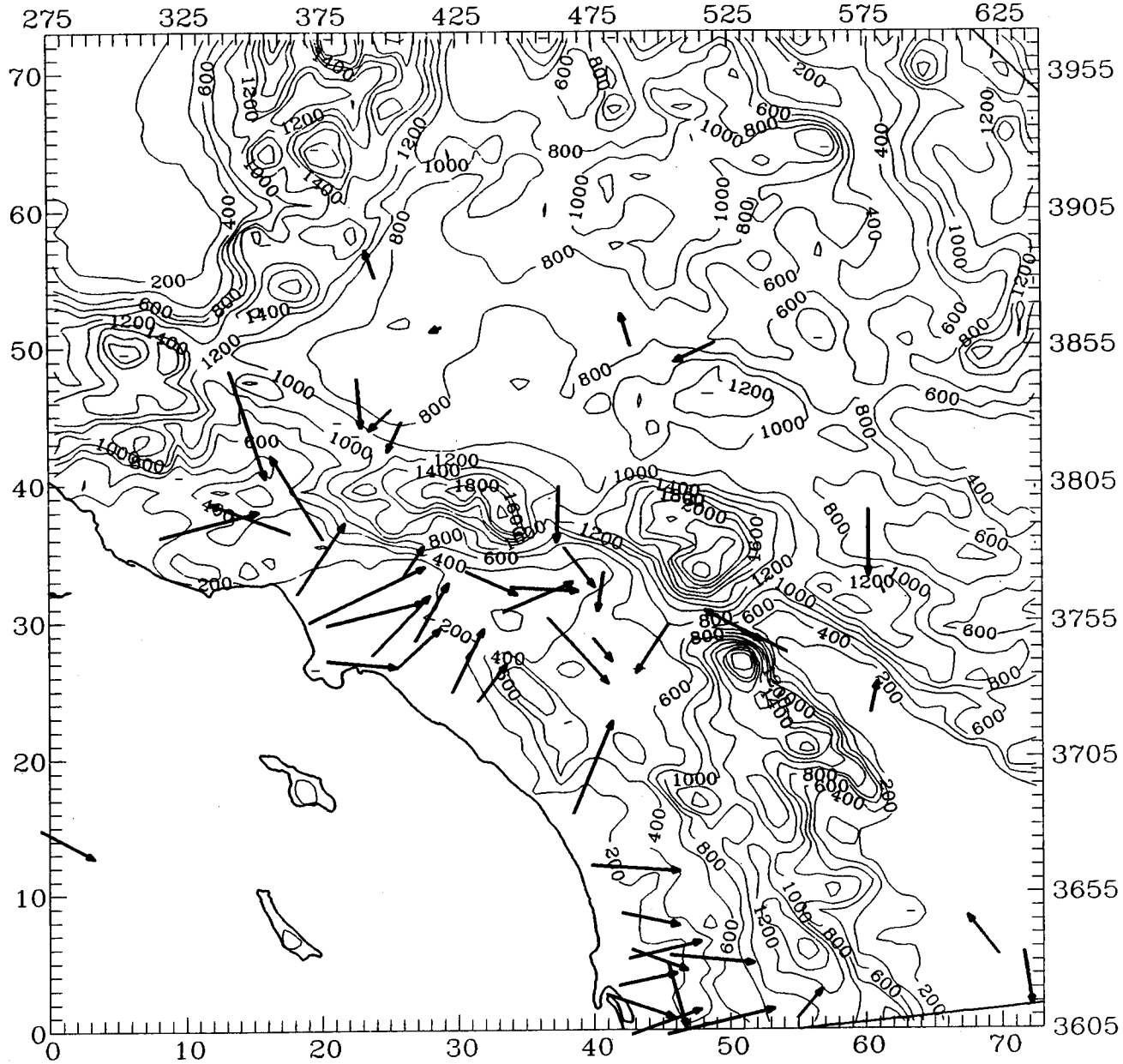


Averaged Wind Observations For Days Classified As H–L

1000 PST/2000 M AGL

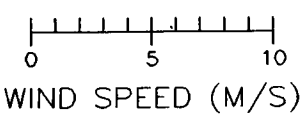
0 5 10

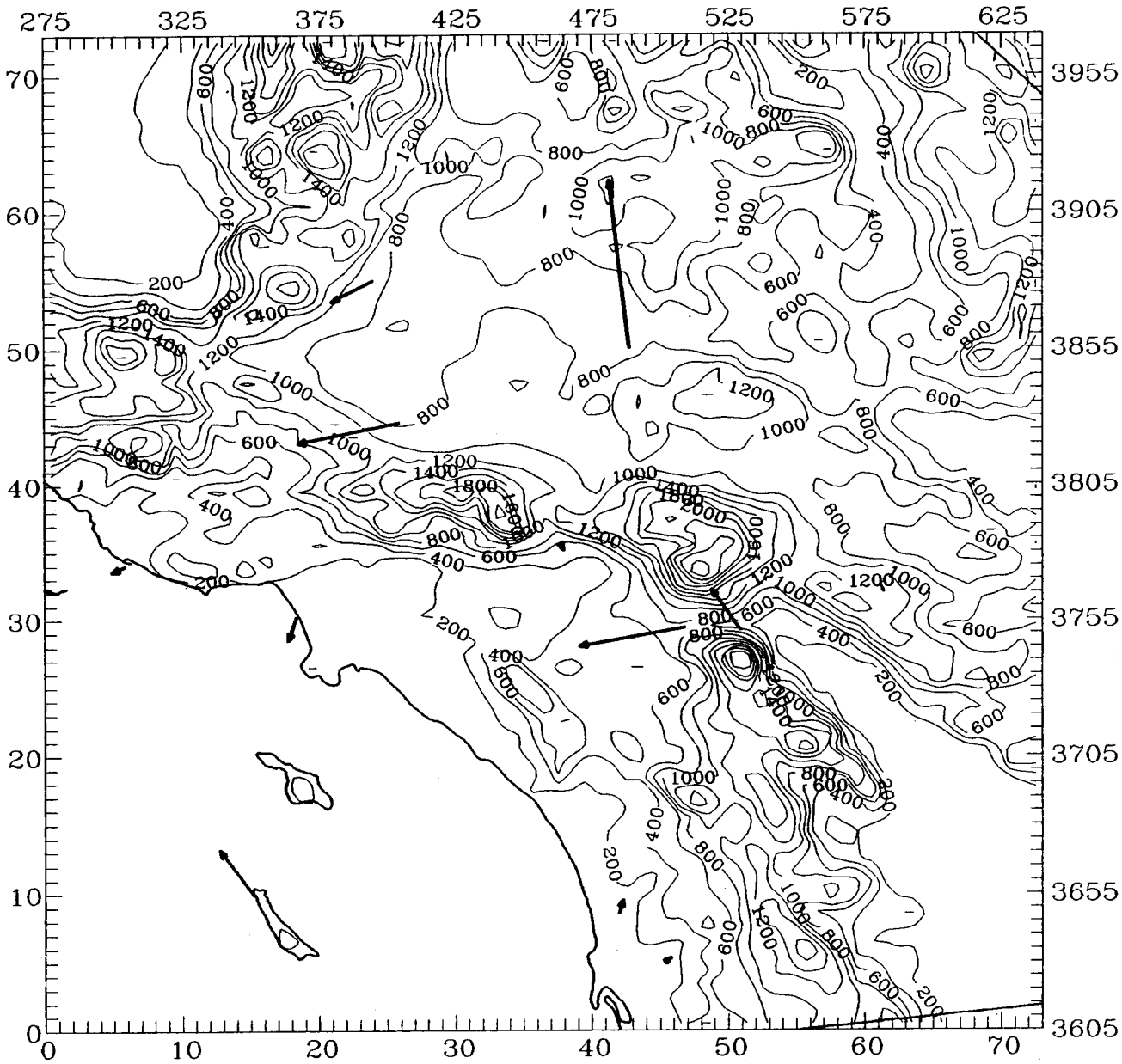
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–L

1300 PST/Surface



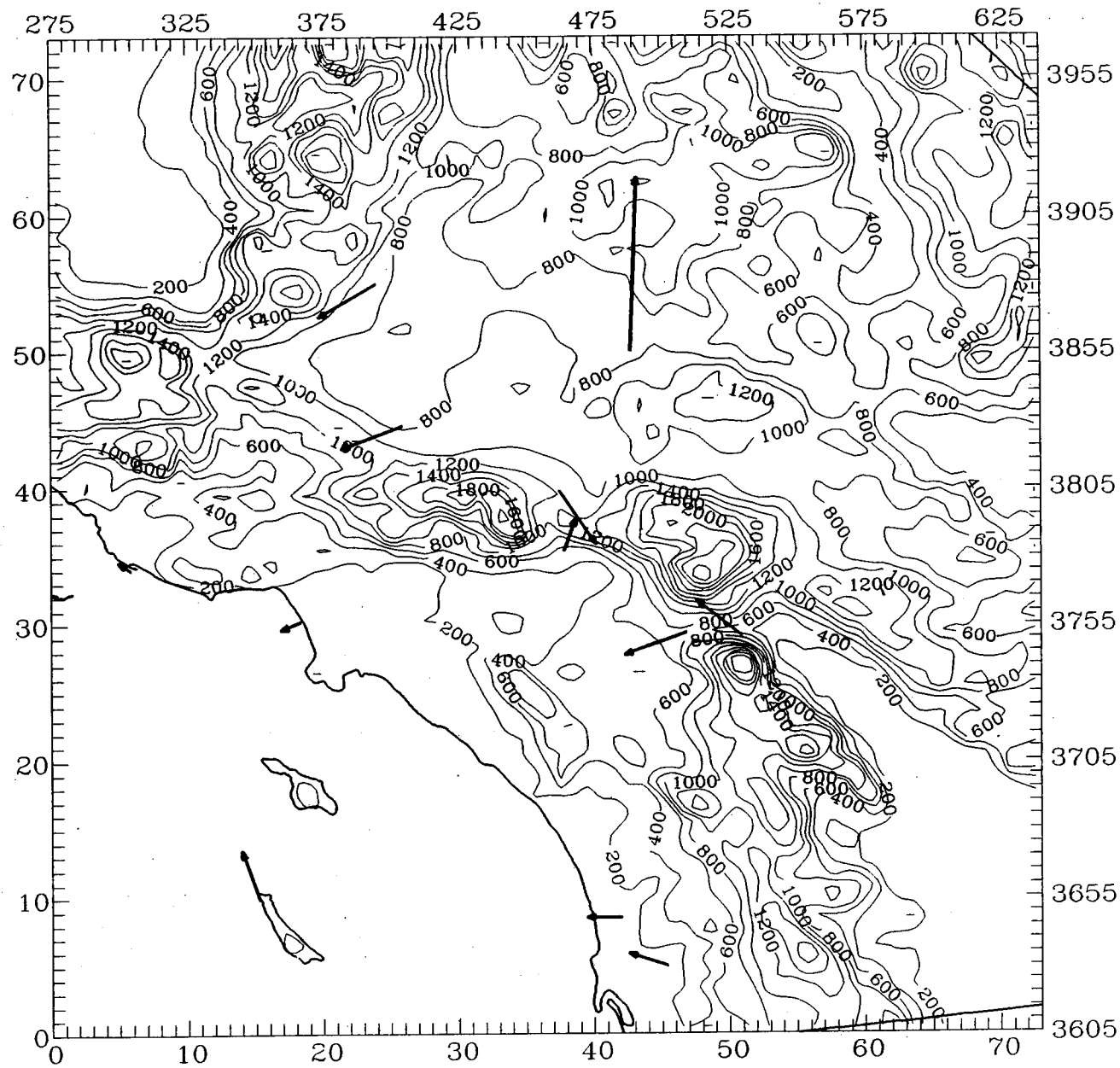


Averaged Wind Observations For Days Classified As H–L

1300 PST/1000 M AGL

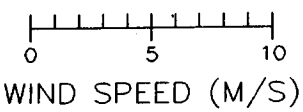
0 5 10

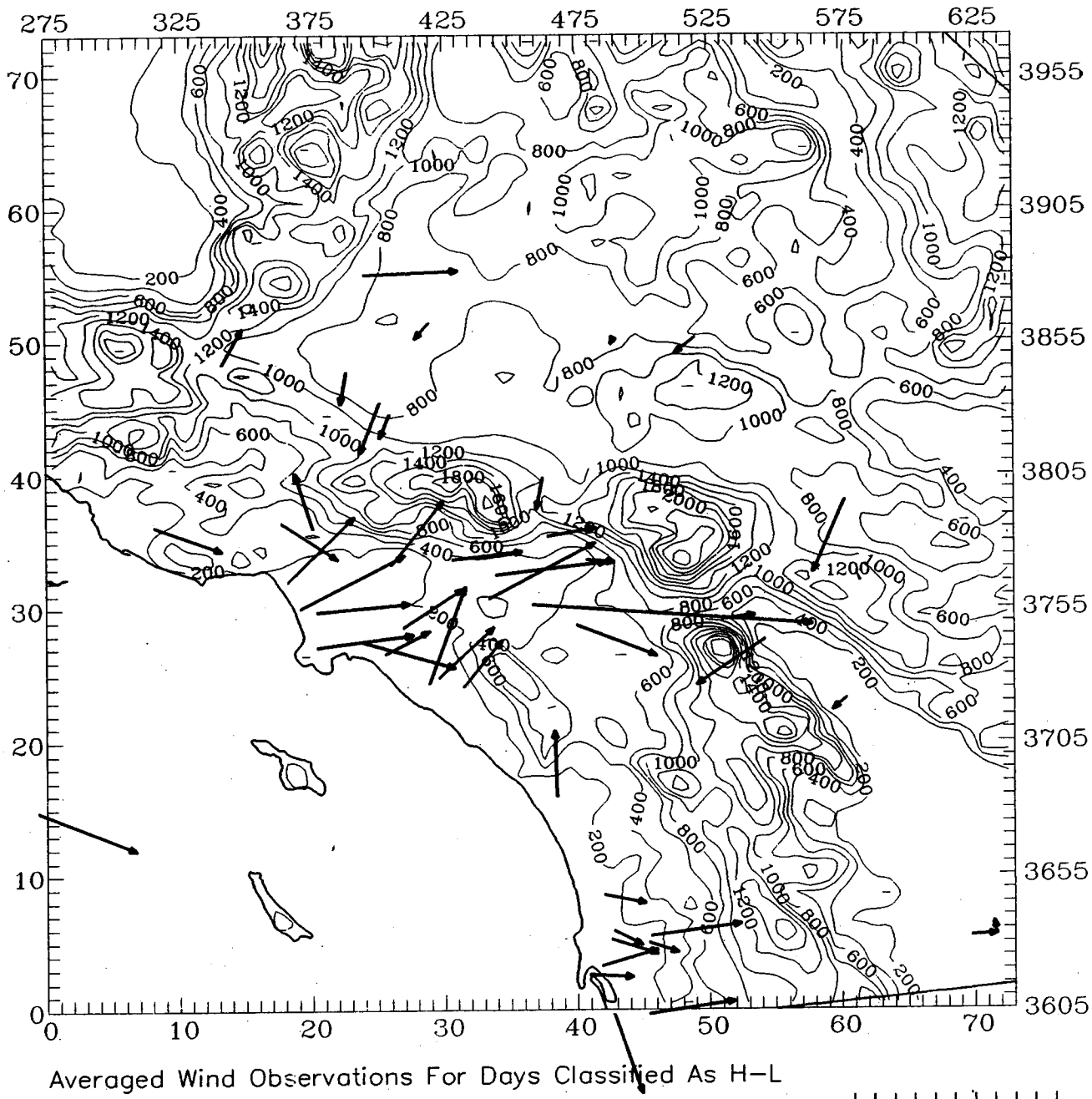
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–L

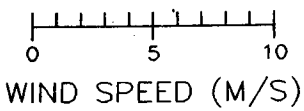
1300 PST/2000 M AGL

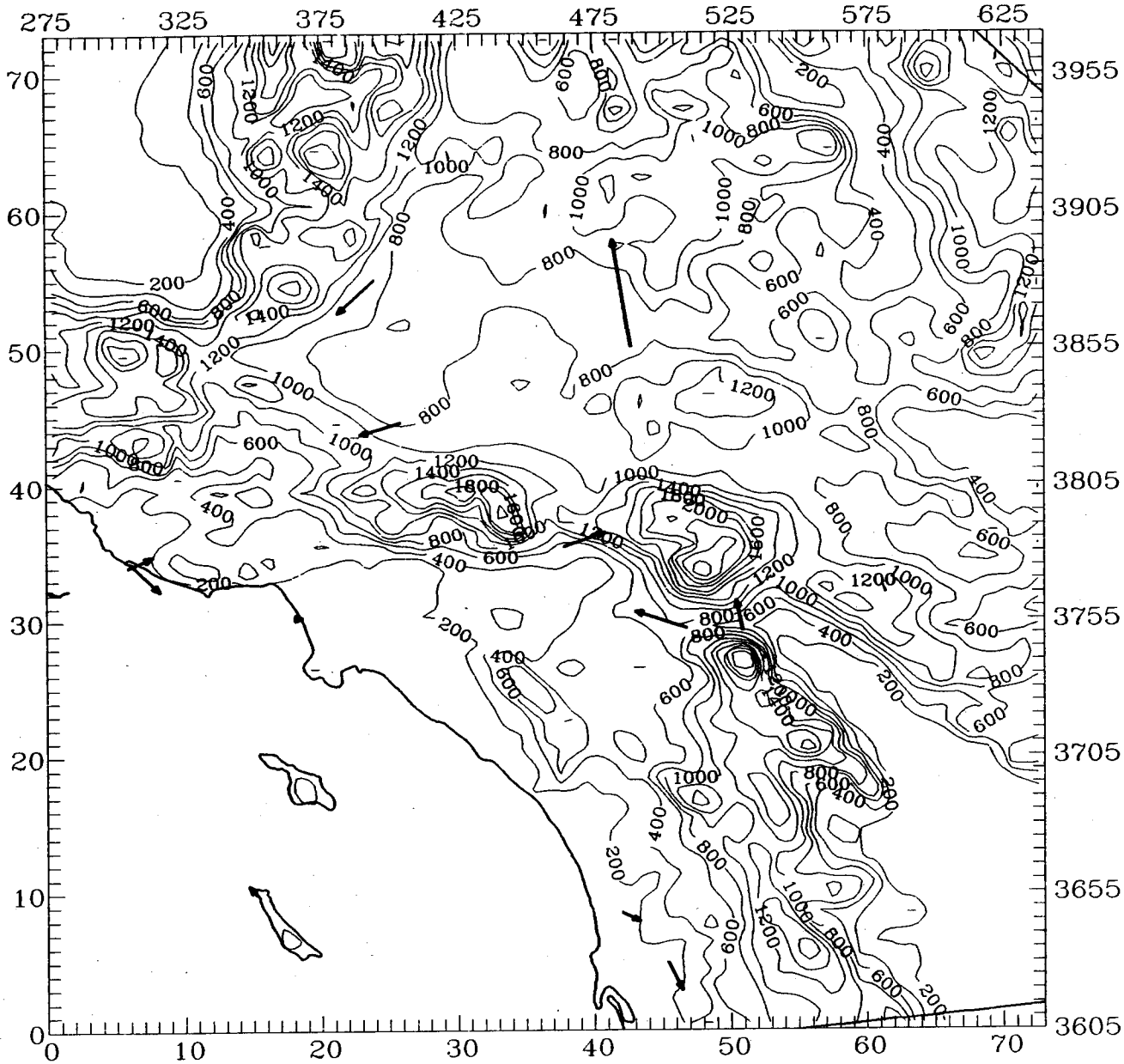




Averaged Wind Observations For Days Classified As H–L

1600 PST/Surface



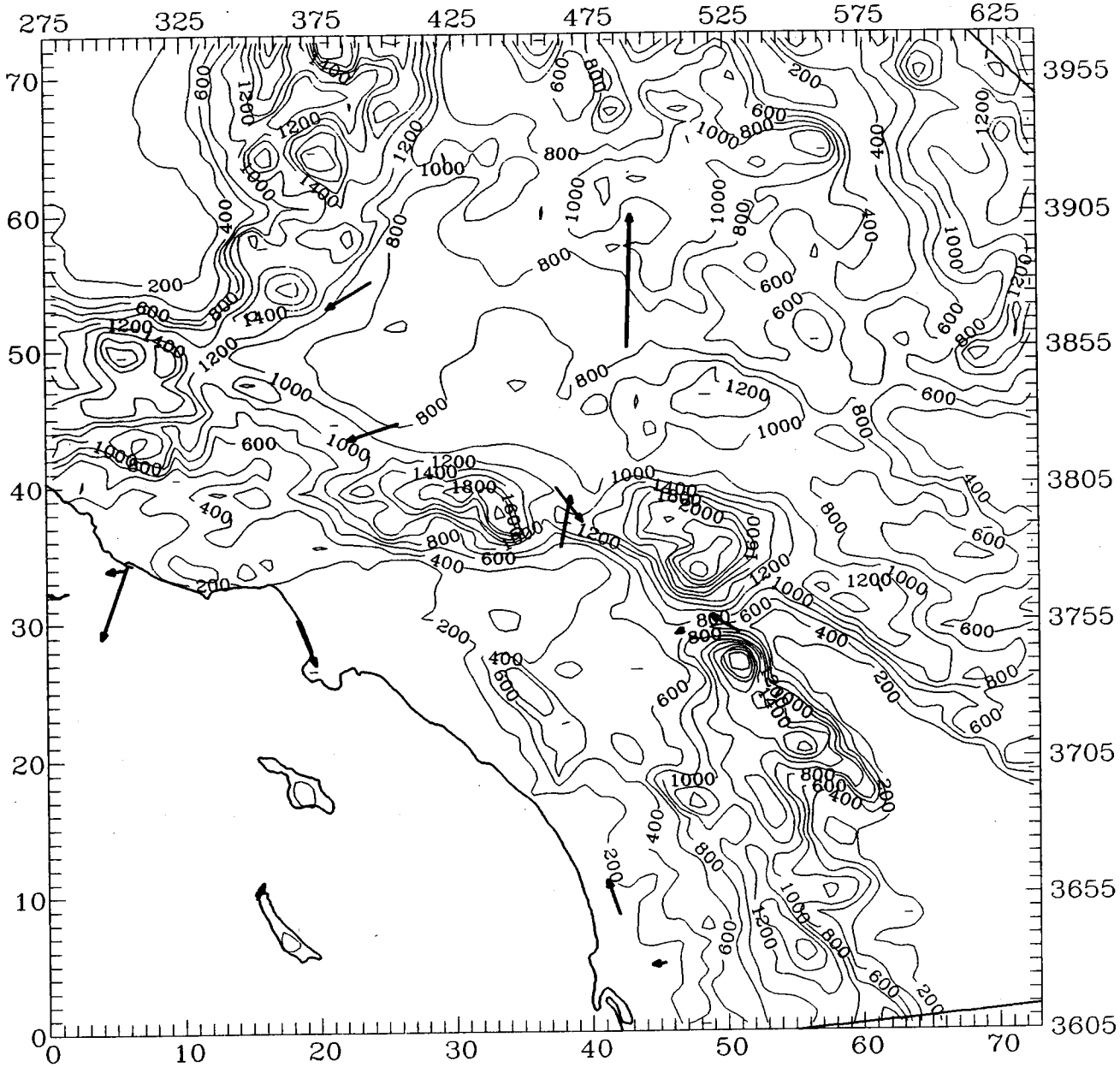


Averaged Wind Observations For Days Classified As H–L

1600 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

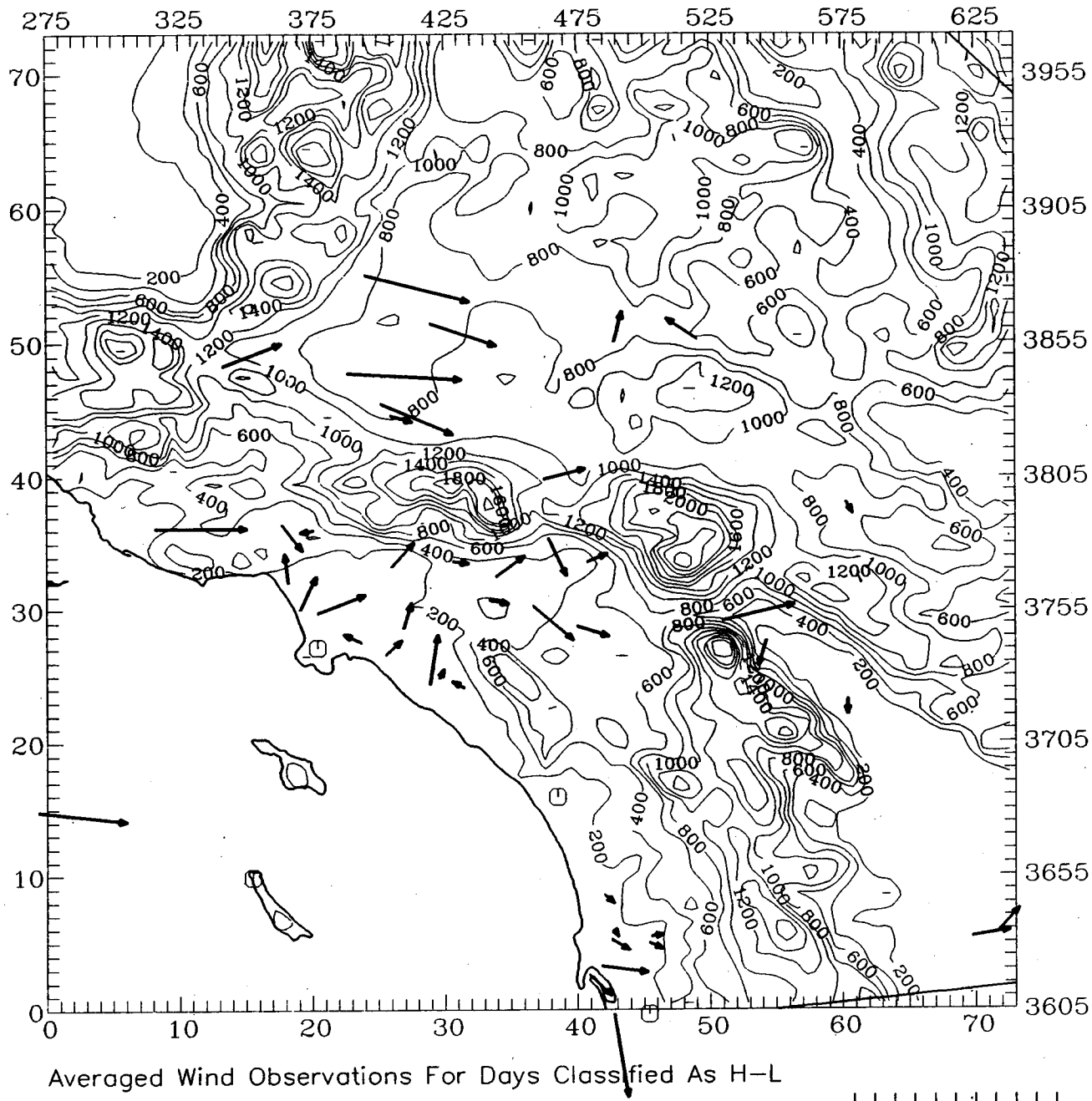


Averaged Wind Observations For Days Classified As H–L

1600 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

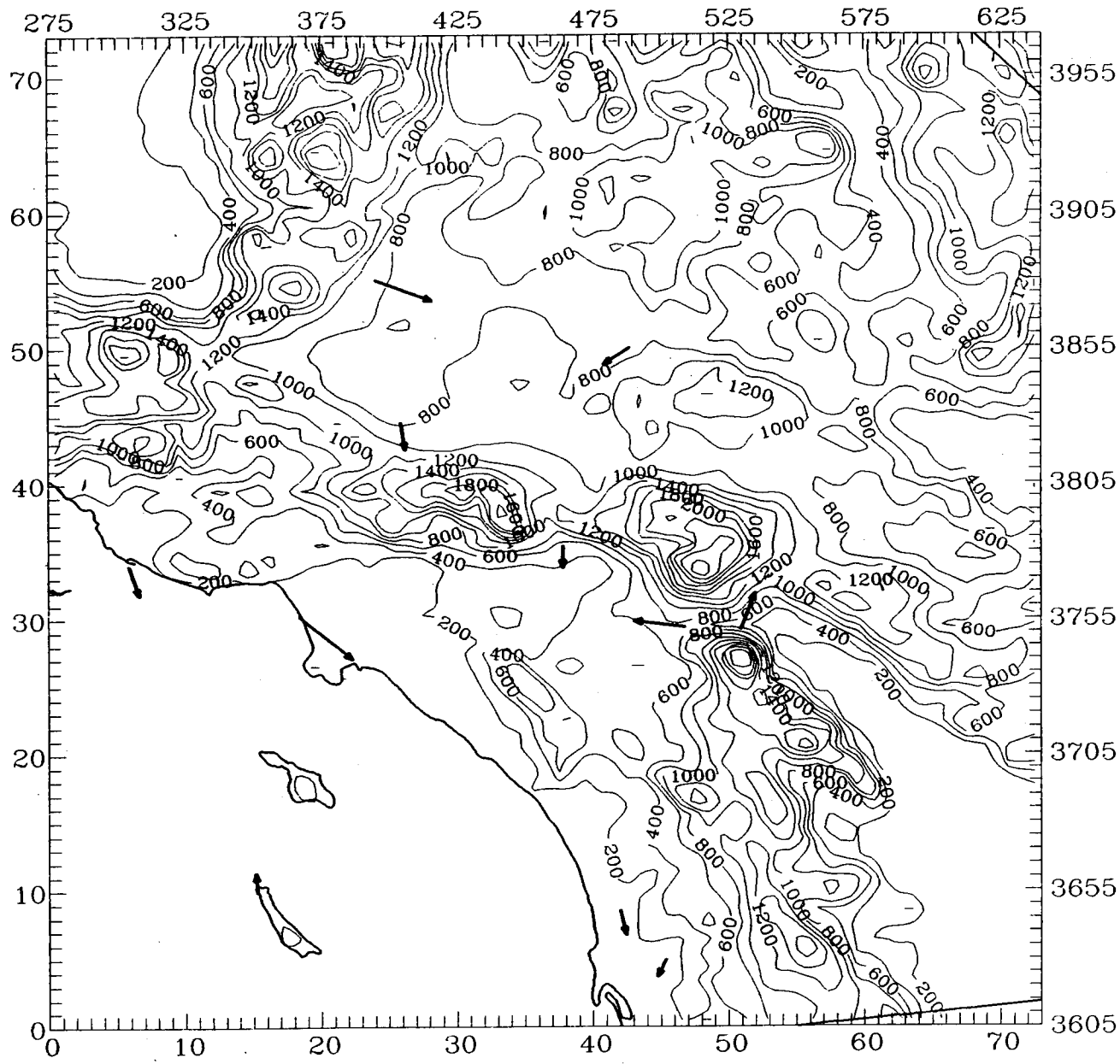


Averaged Wind Observations For Days Classified As H–L

1900 PST/Surface

0 5 10

WIND SPEED (M/S)

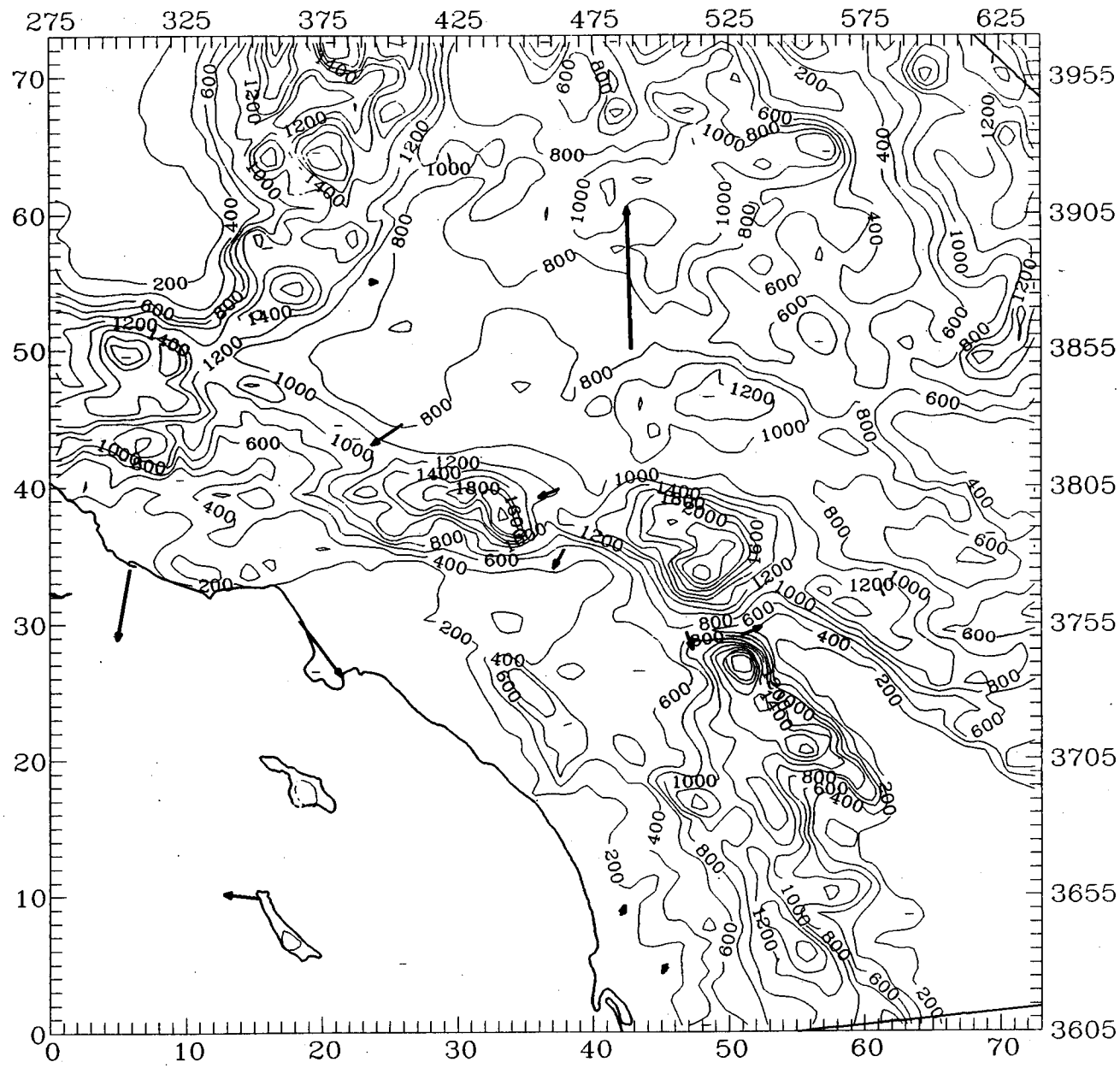


Averaged Wind Observations For Days Classified As H–L

1900 PST/1000 M AGL

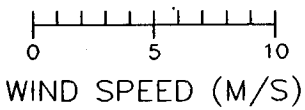
0 5 10

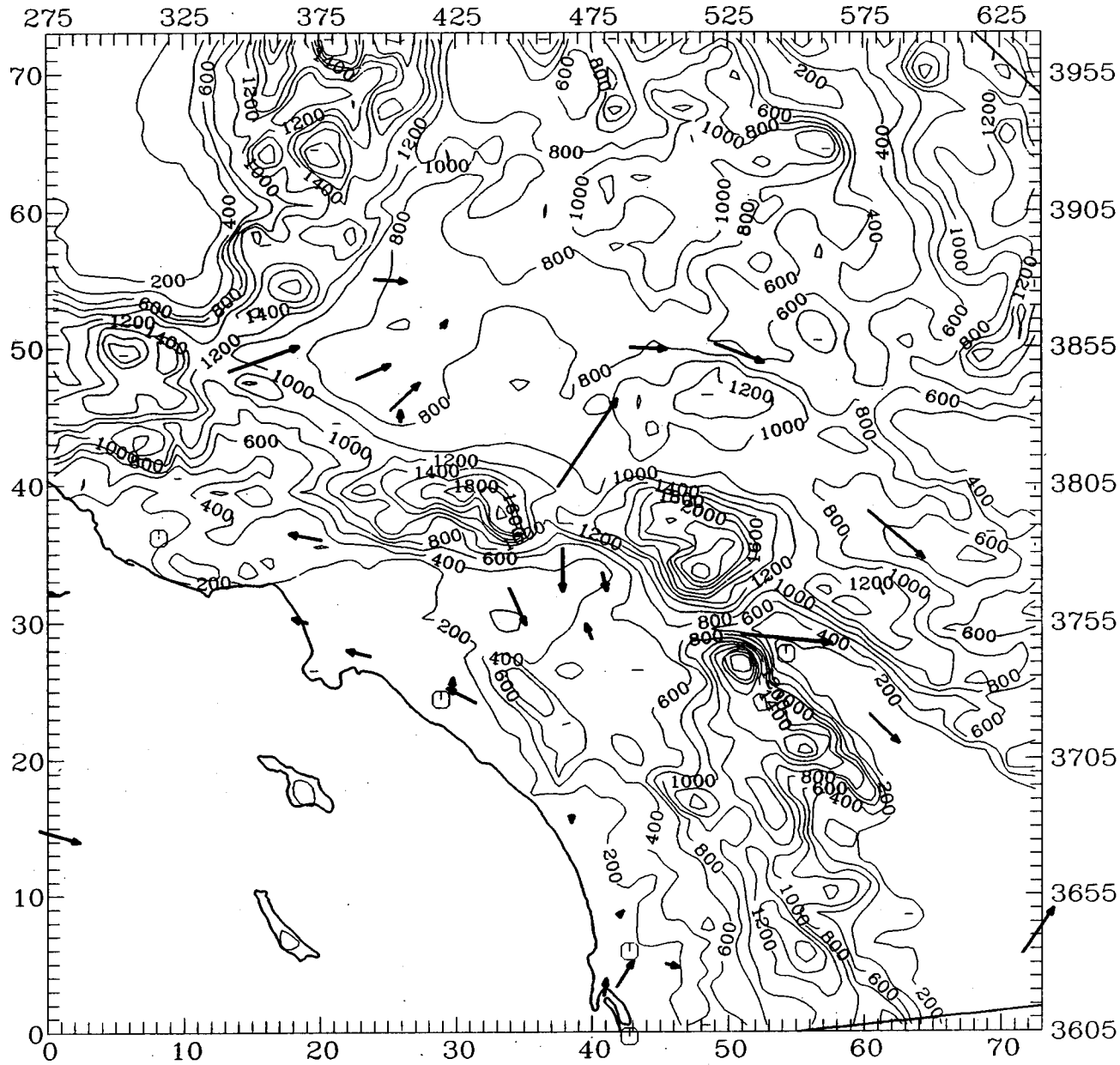
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As H–L

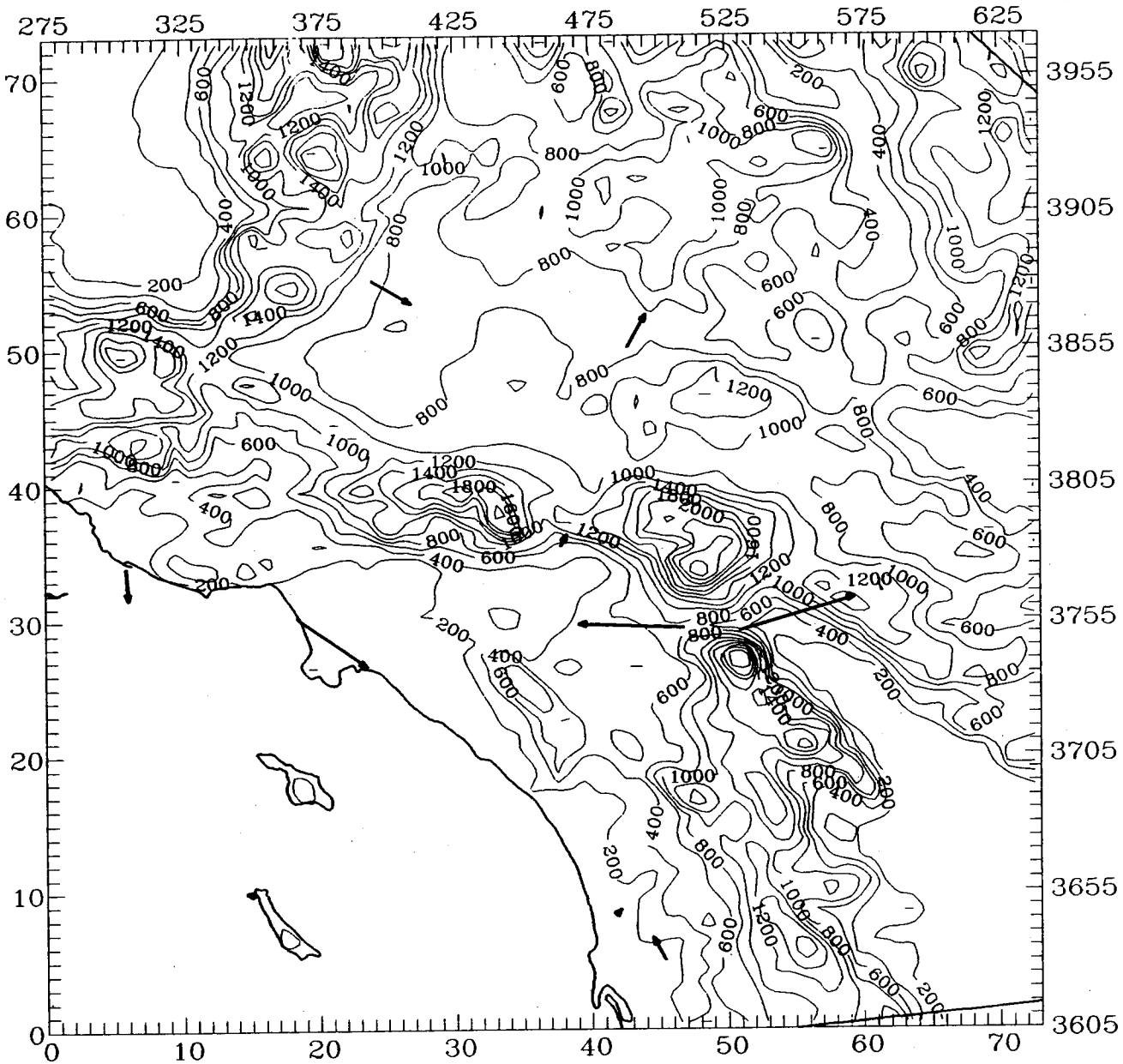
1900 PST/2000 M AGL





Averaged Wind Observations For Days Classified As H–L

2200 PST/Surface

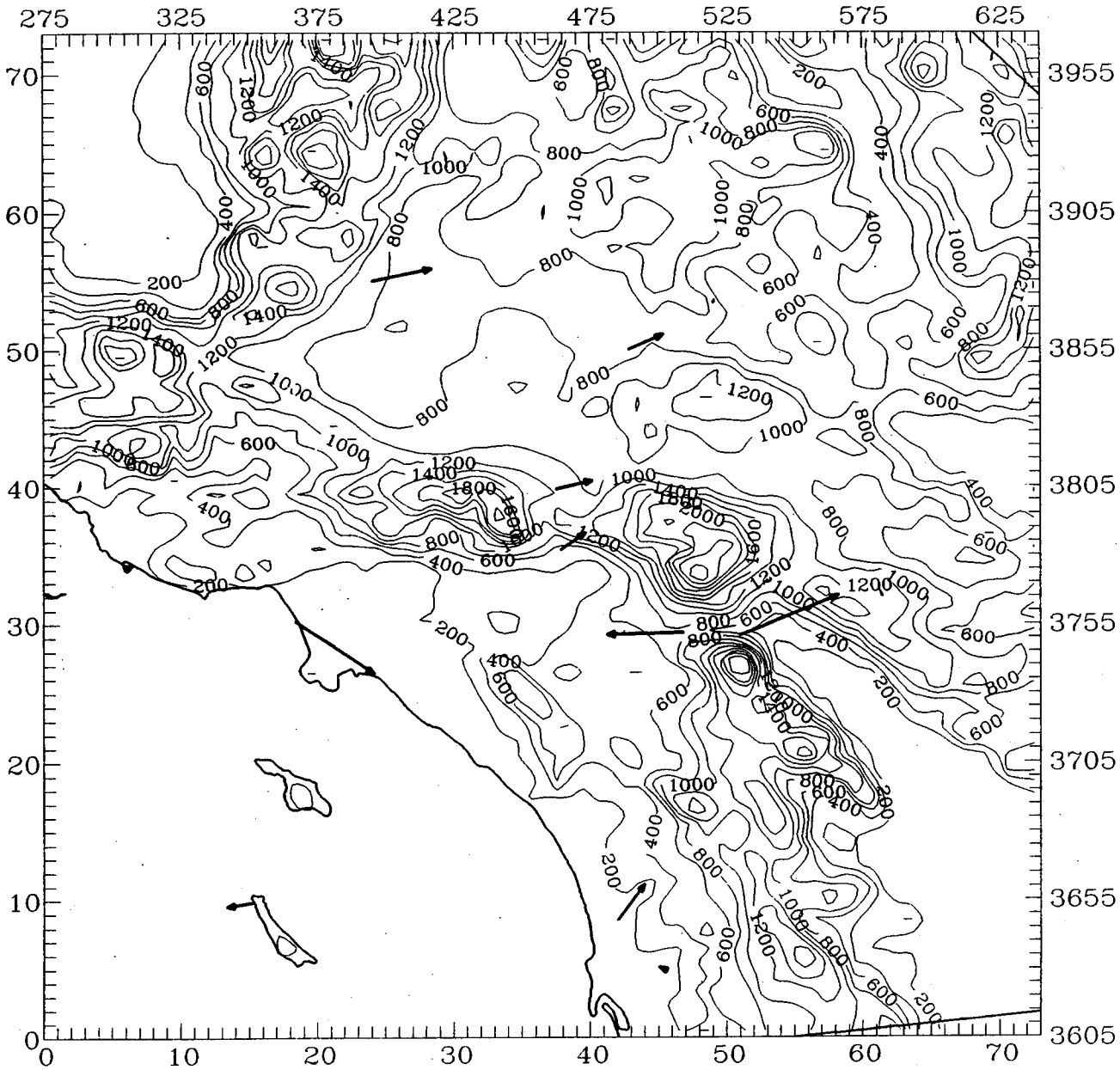


Averaged Wind Observations For Days Classified As H–L

2200 PST/1000 M AGL

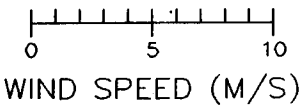
0 5 10

WIND SPEED (M/S)



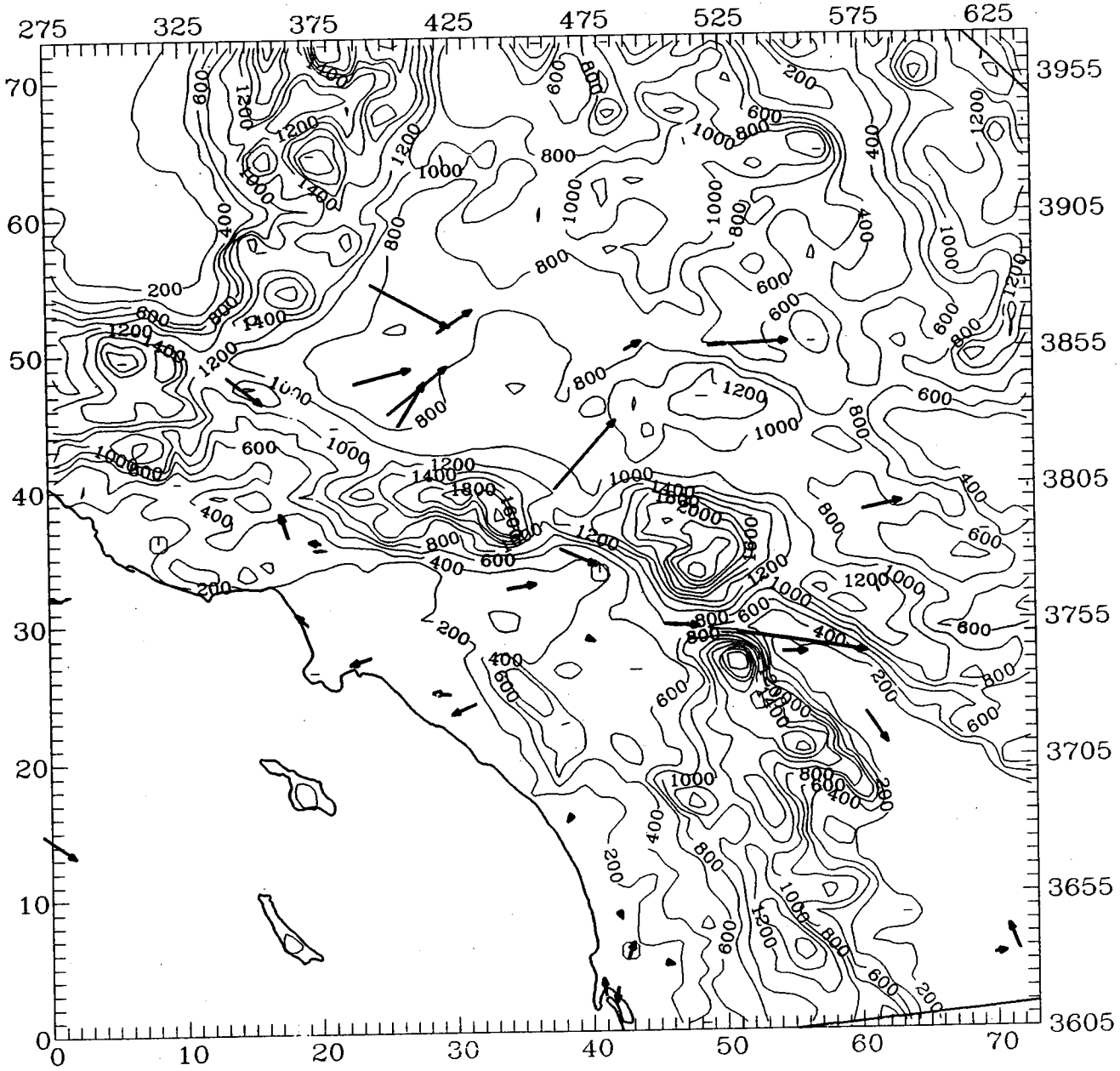
Averaged Wind Observations For Days Classified As H–L

2200 PST/2000 M AGL



COMPOSITE WIND PLOTS FOR THE DAYS CLASSIFIED AS MODERATE-HIGH FOR THE SURFACE, 1000 M AGL, AND 2000 M AGL LEVELS

0400 PST
0700 PST
1000 PST
1300 PST
1600 PST
1900 PST
2200 PST

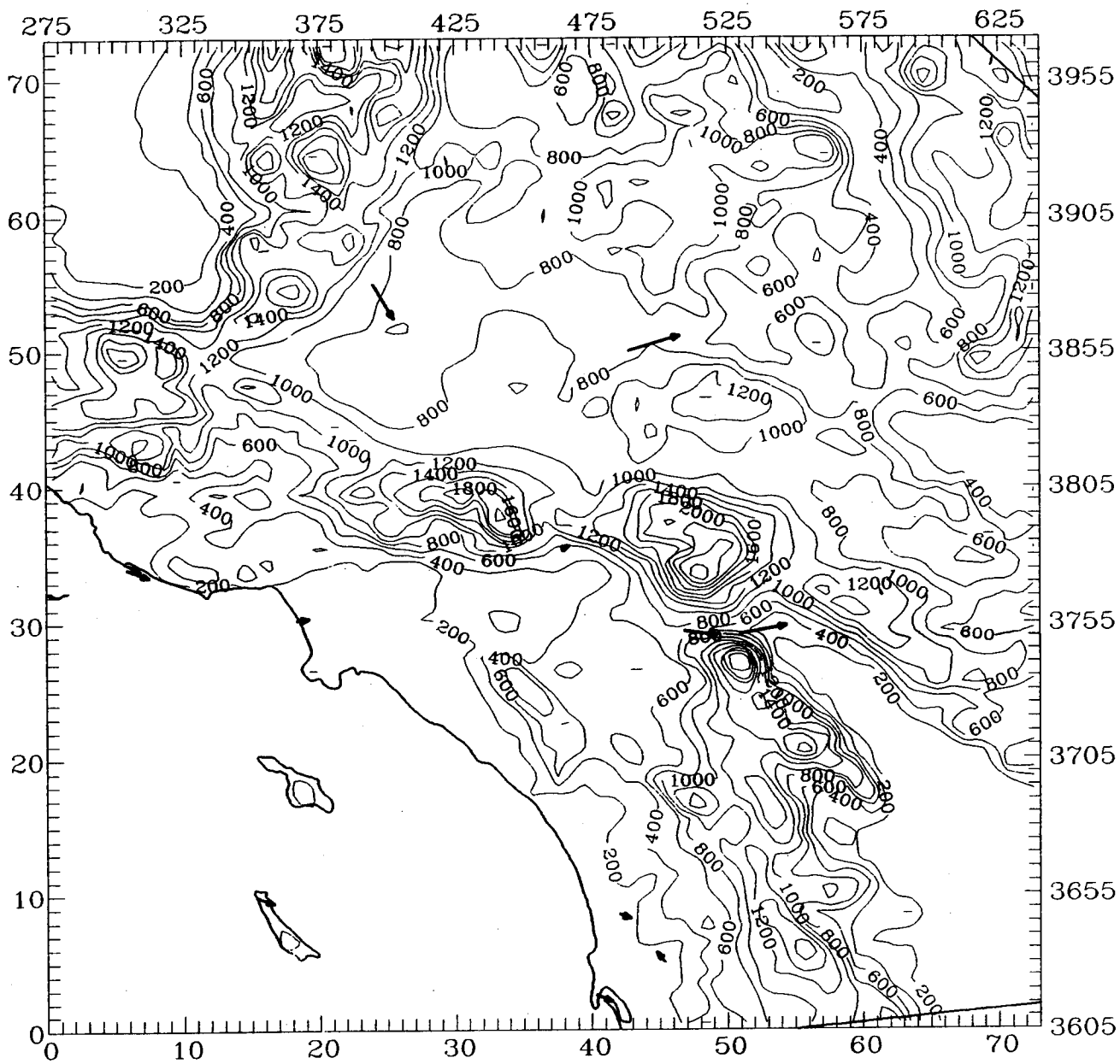


Averaged Wind Observations For Days Classified As M–H

0400 PST/Surface

0 5 10

WIND SPEED (M/S)

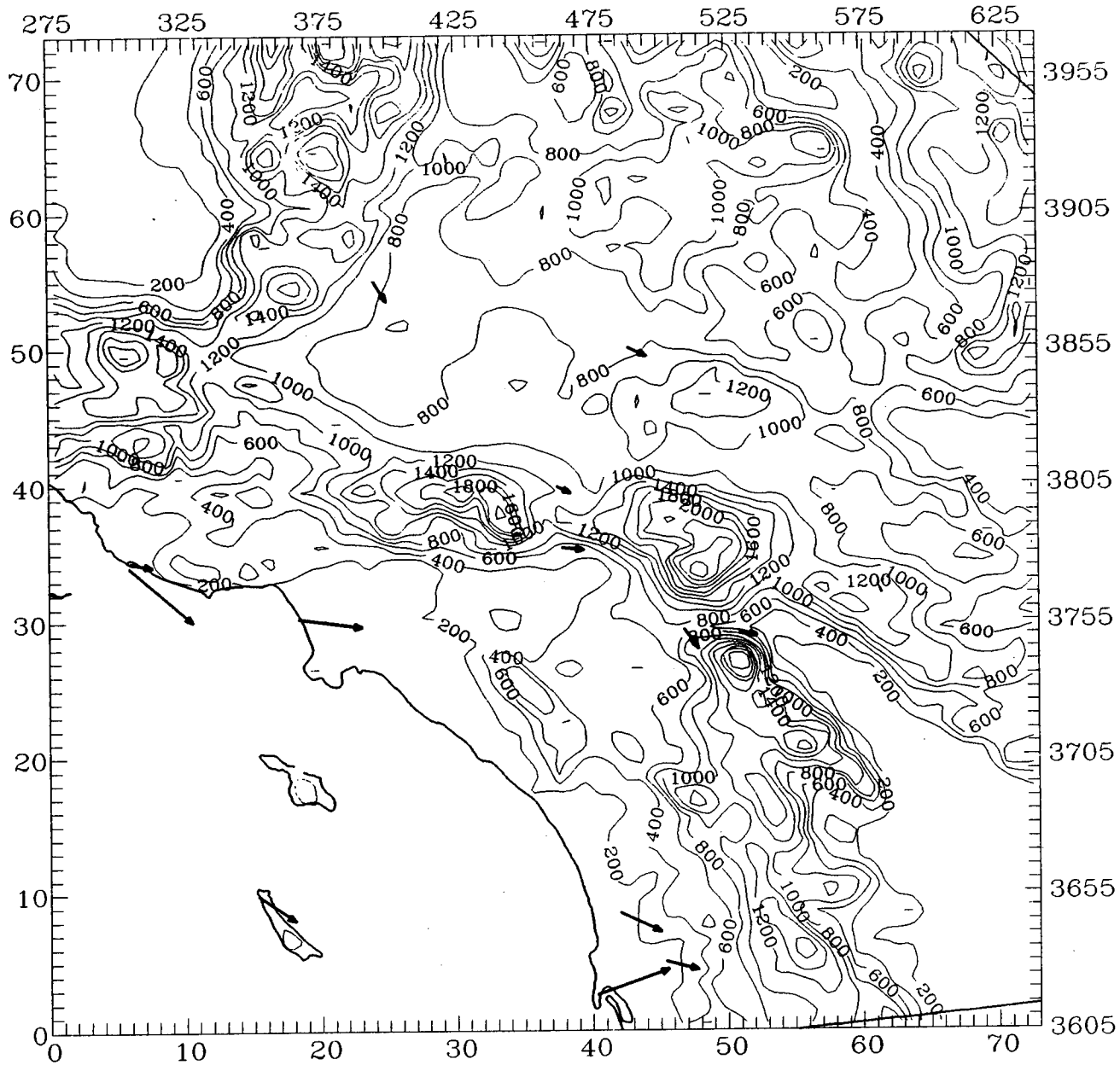


Averaged Wind Observations For Days Classified As M–H

0400 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

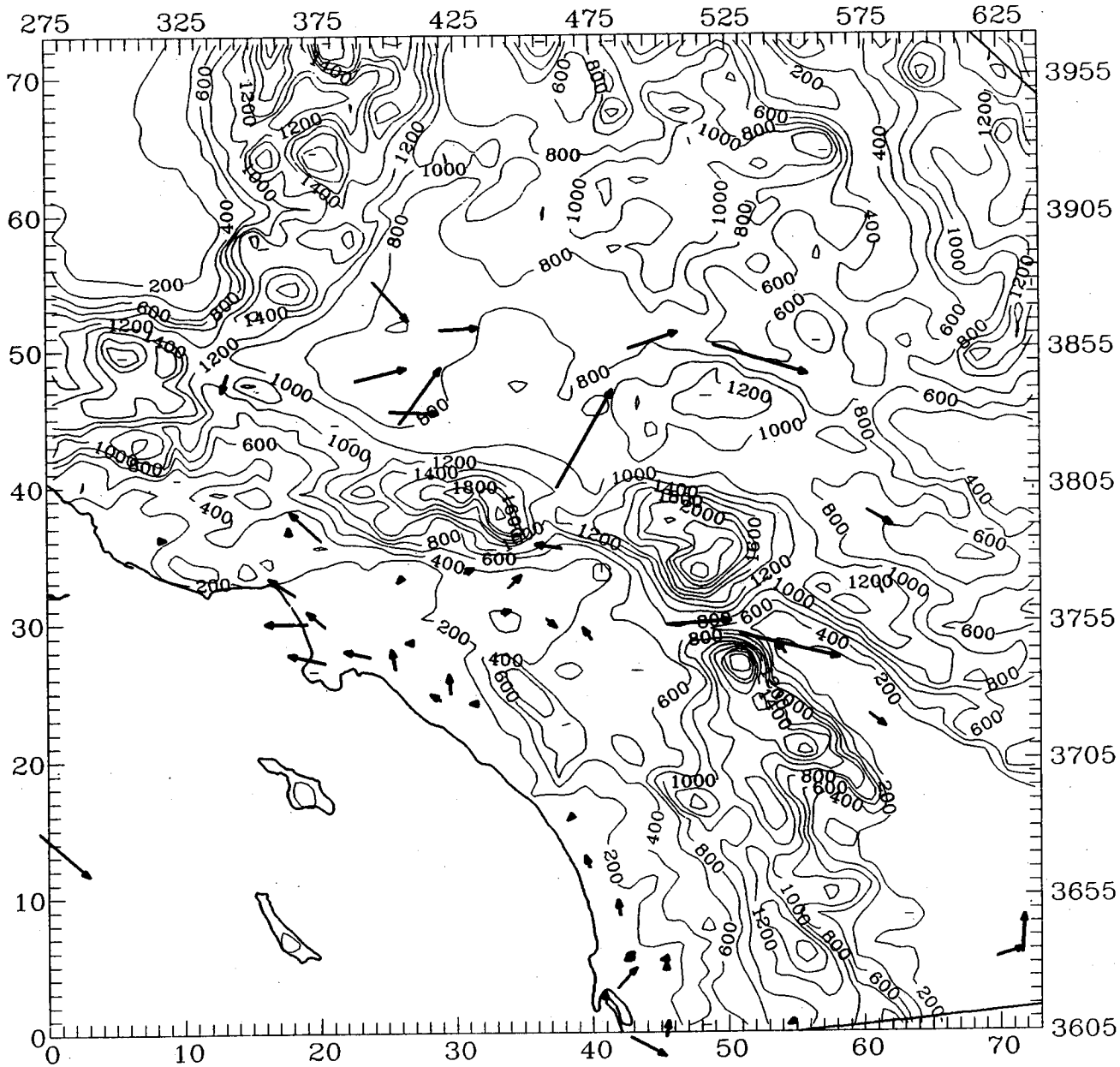


Averaged Wind Observations For Days Classified As M–H

0400 PST/2000 M AGL

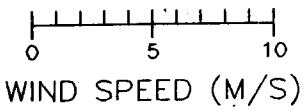
0 5 10

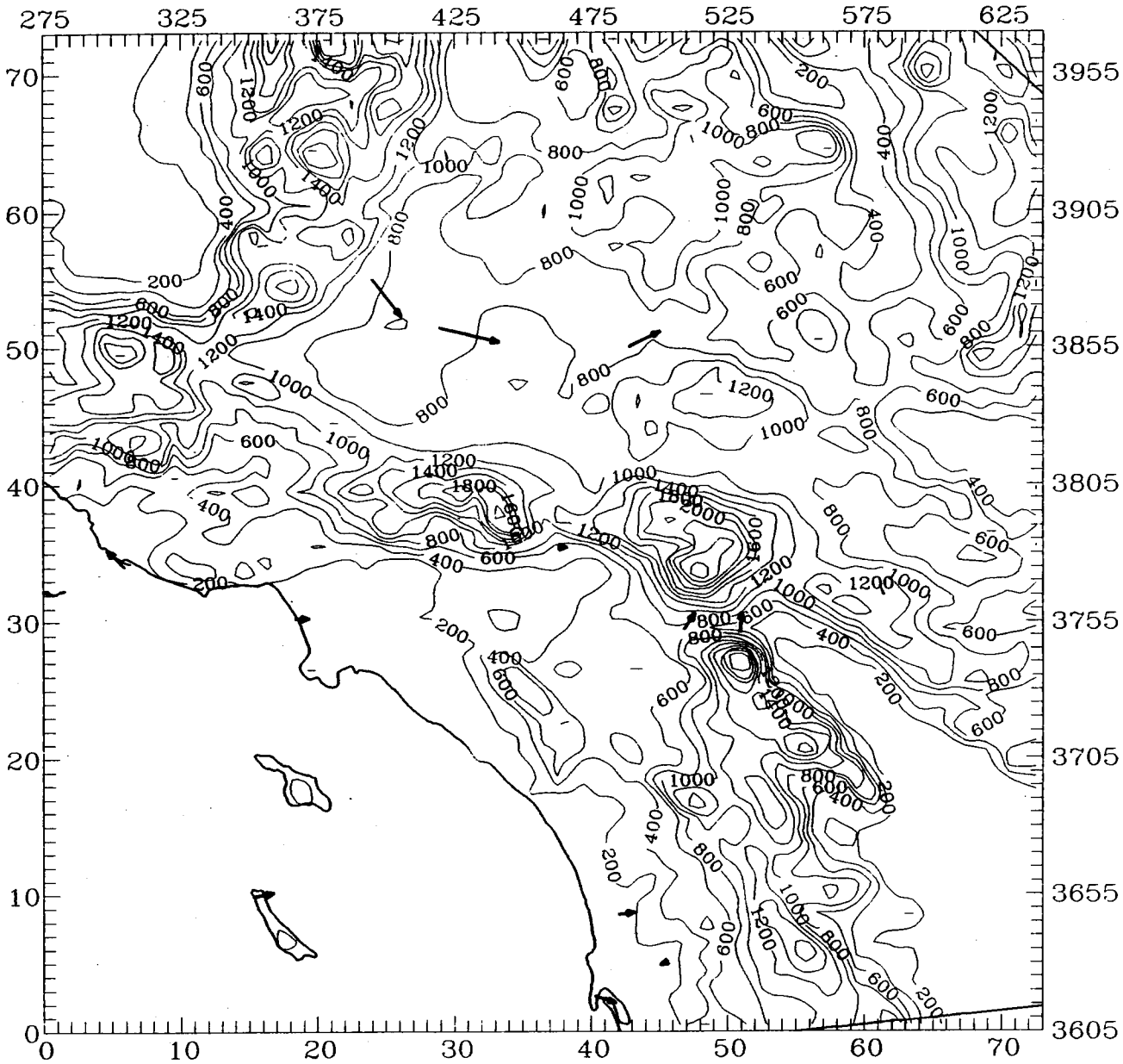
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As M–H

0700 PST/Surface



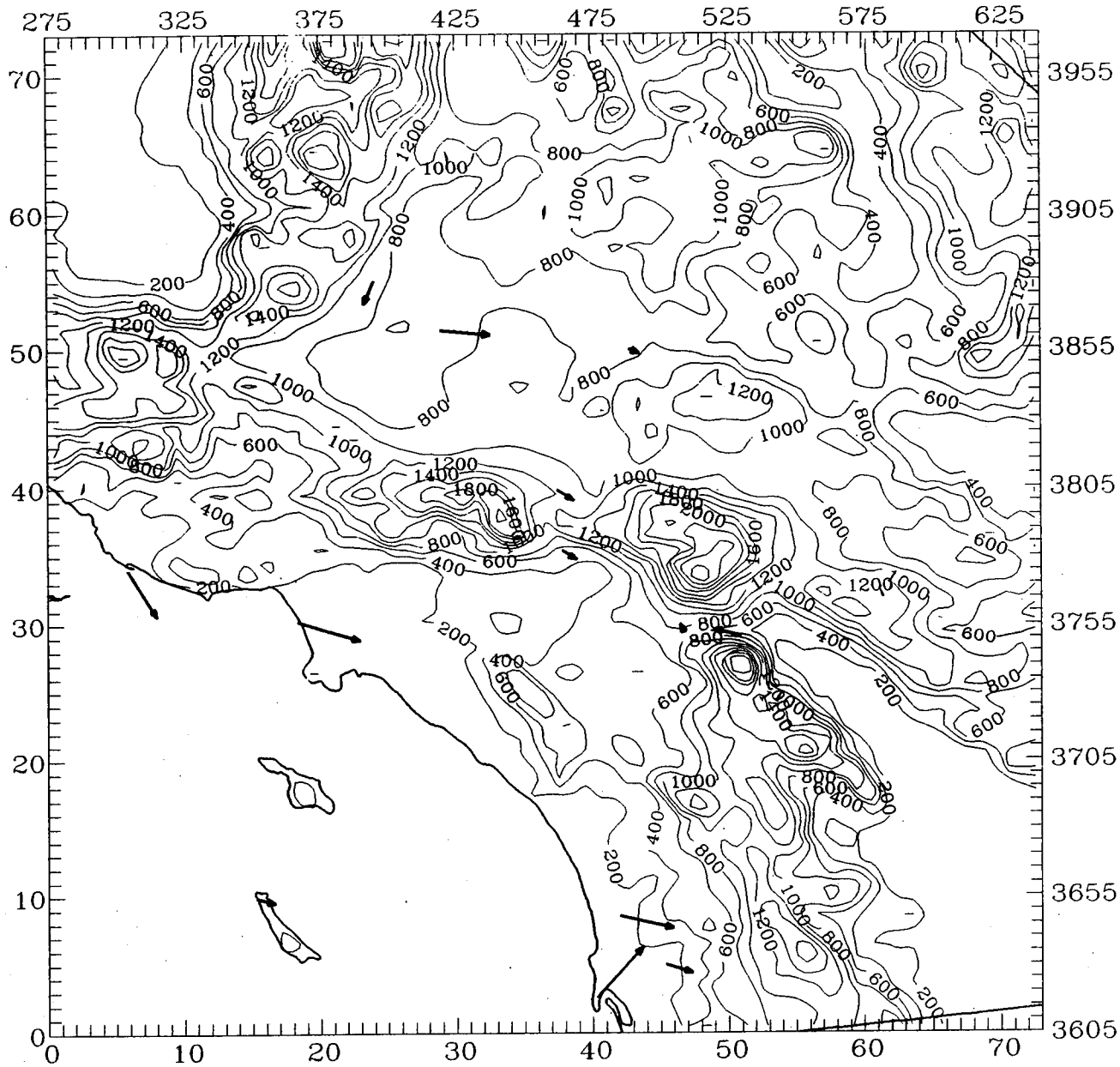


Averaged Wind Observations For Days Classified As M–H

0700 PST/1000 M AGL

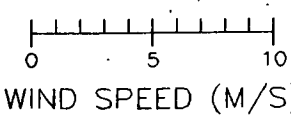
0 5 10

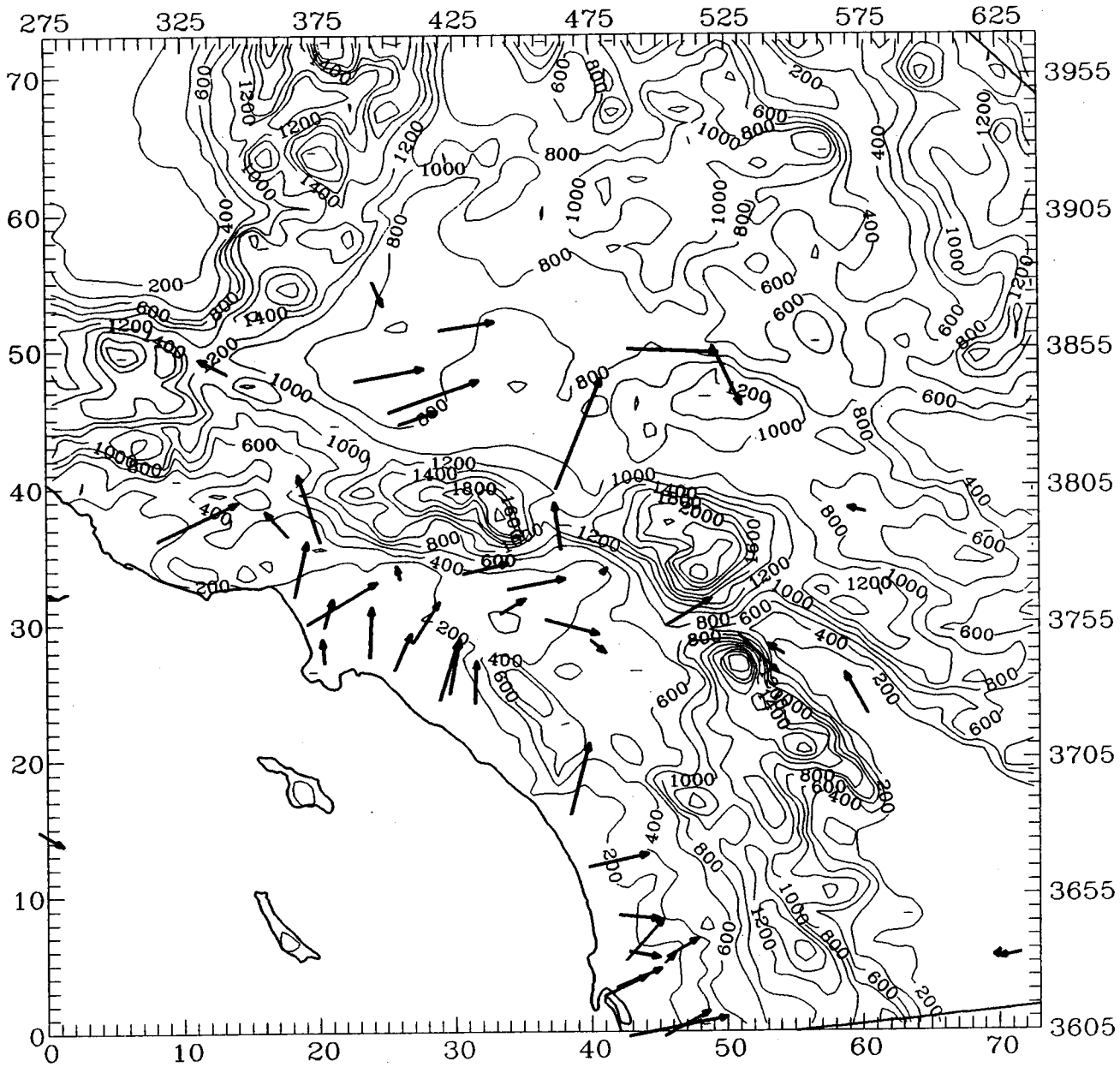
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As M–H

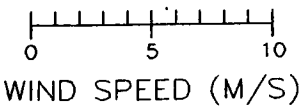
0700 PST/2000 M AGL

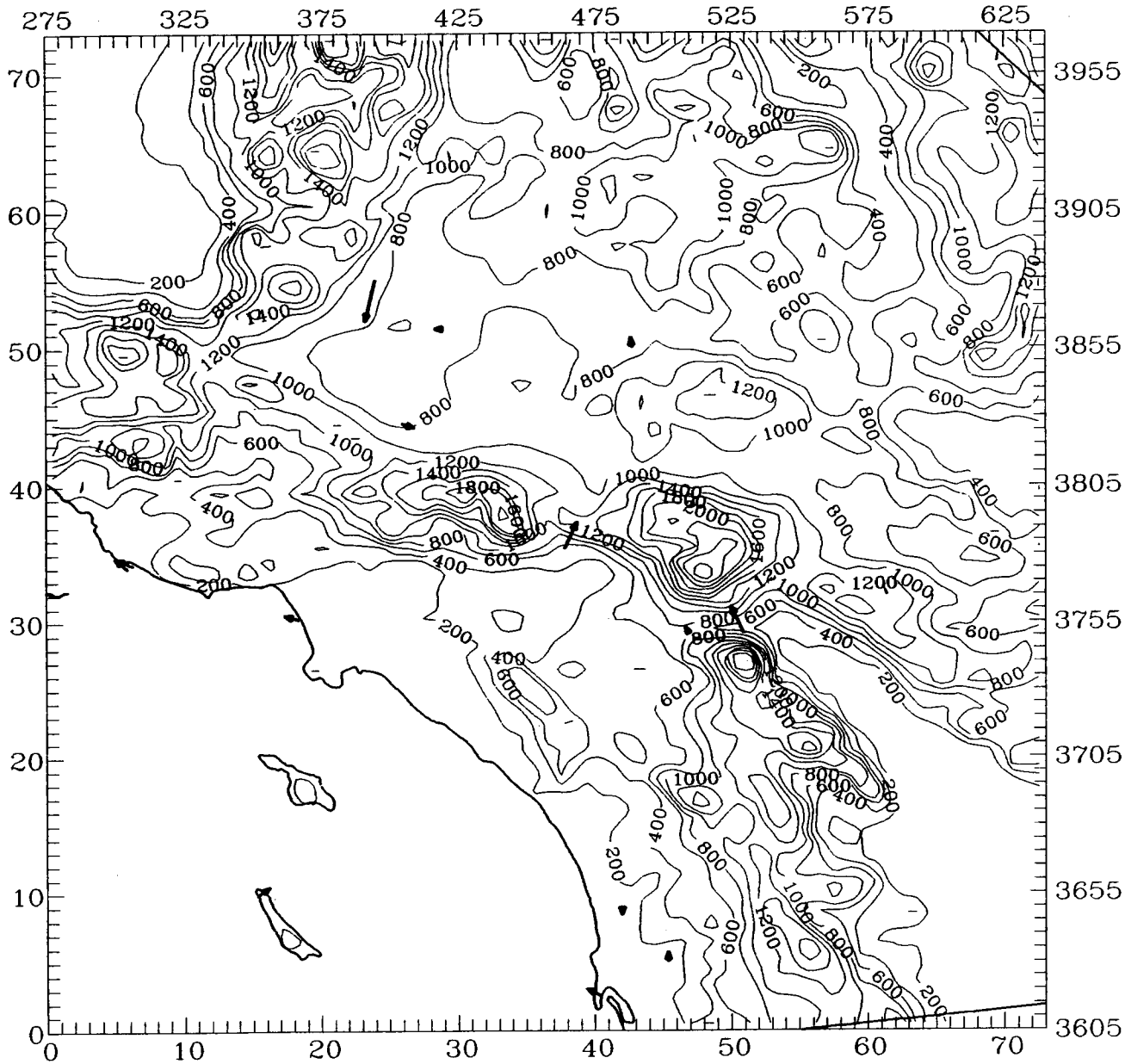




Averaged Wind Observations For Days Classified As M–H

1000 PST/Surface



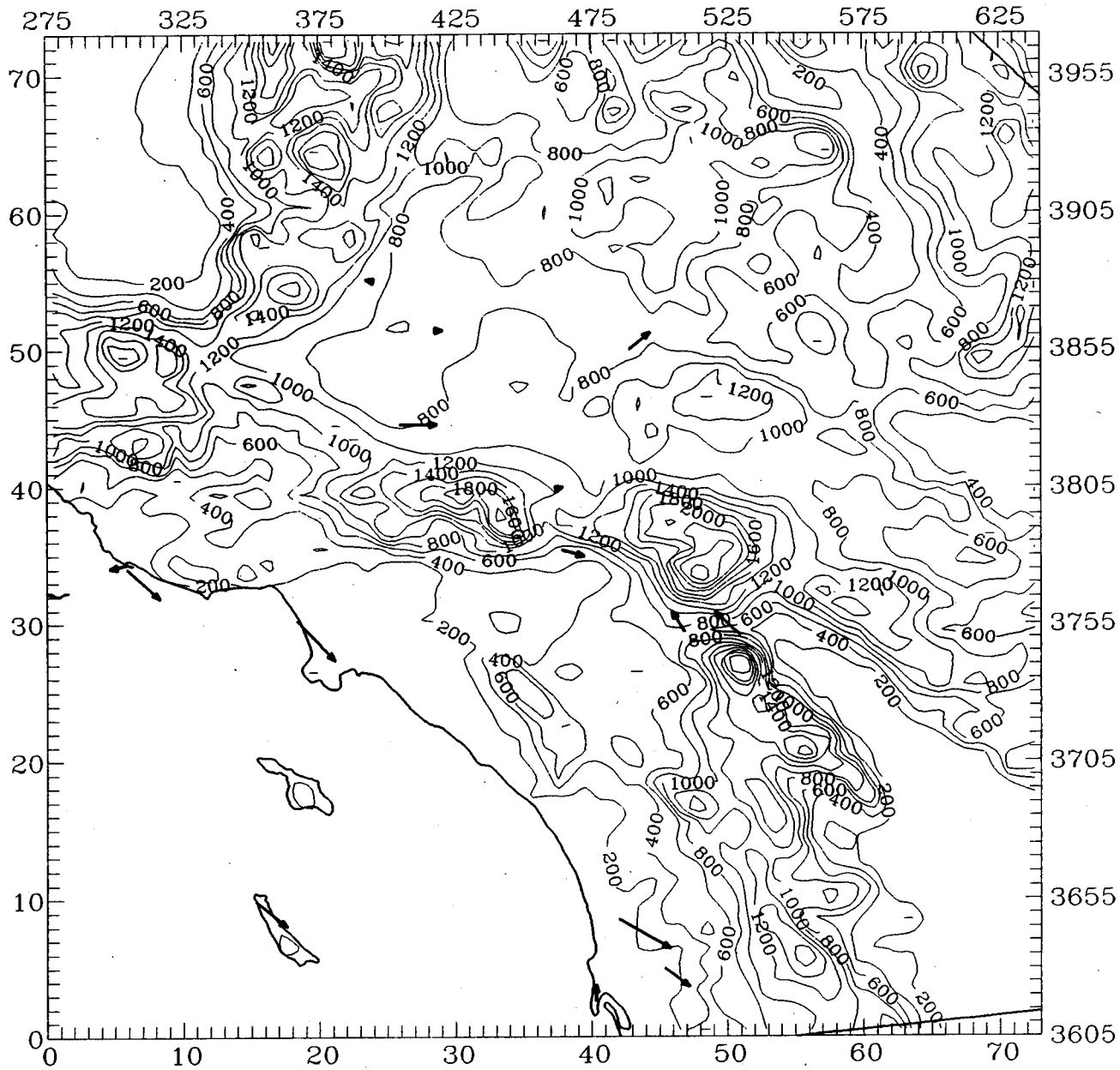


Averaged Wind Observations For Days Classified As M–H

1000 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

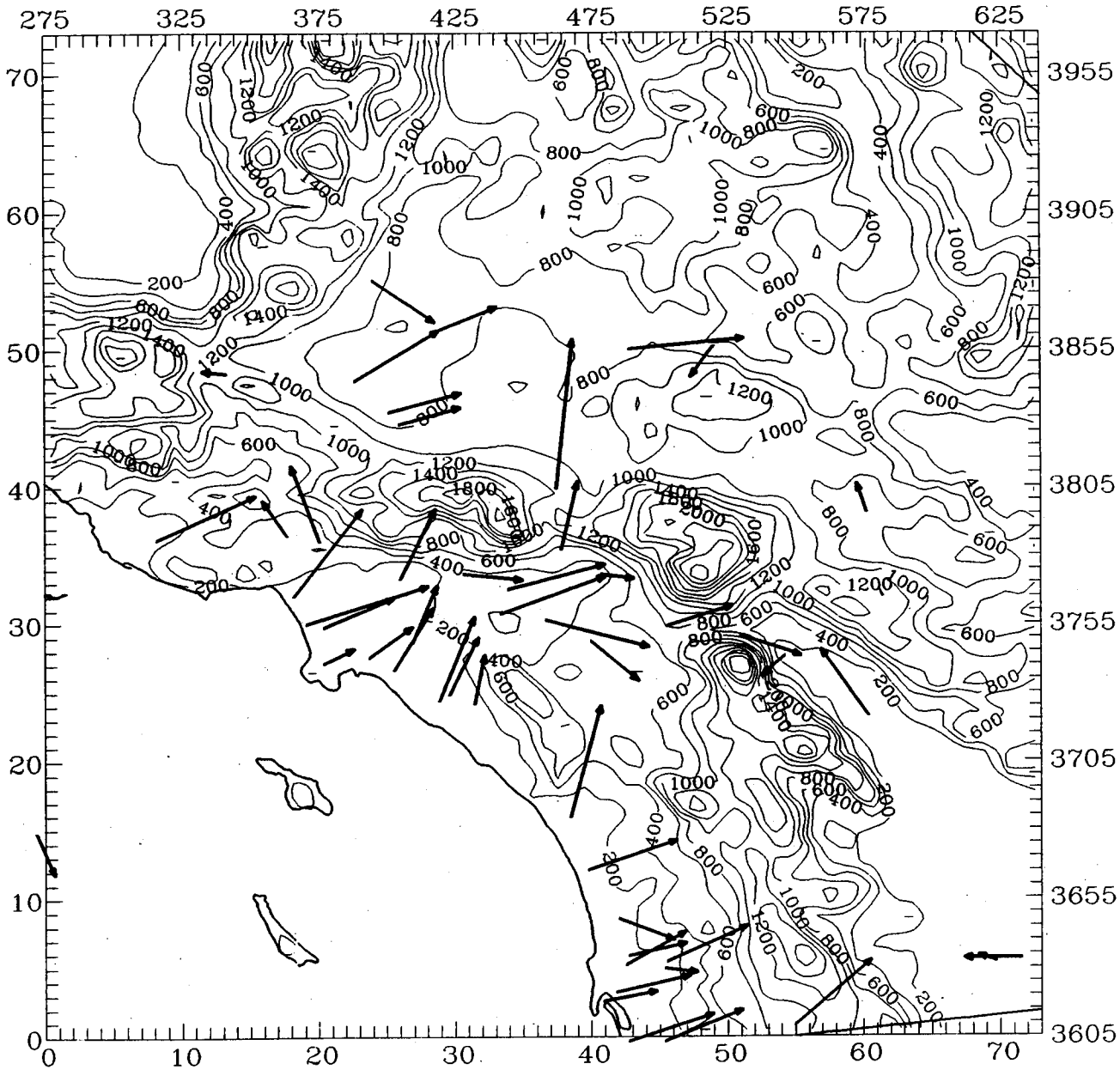


Averaged Wind Observations For Days Classified As M−H

1000 PST/2000 M AGL

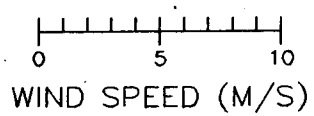
0 5 10

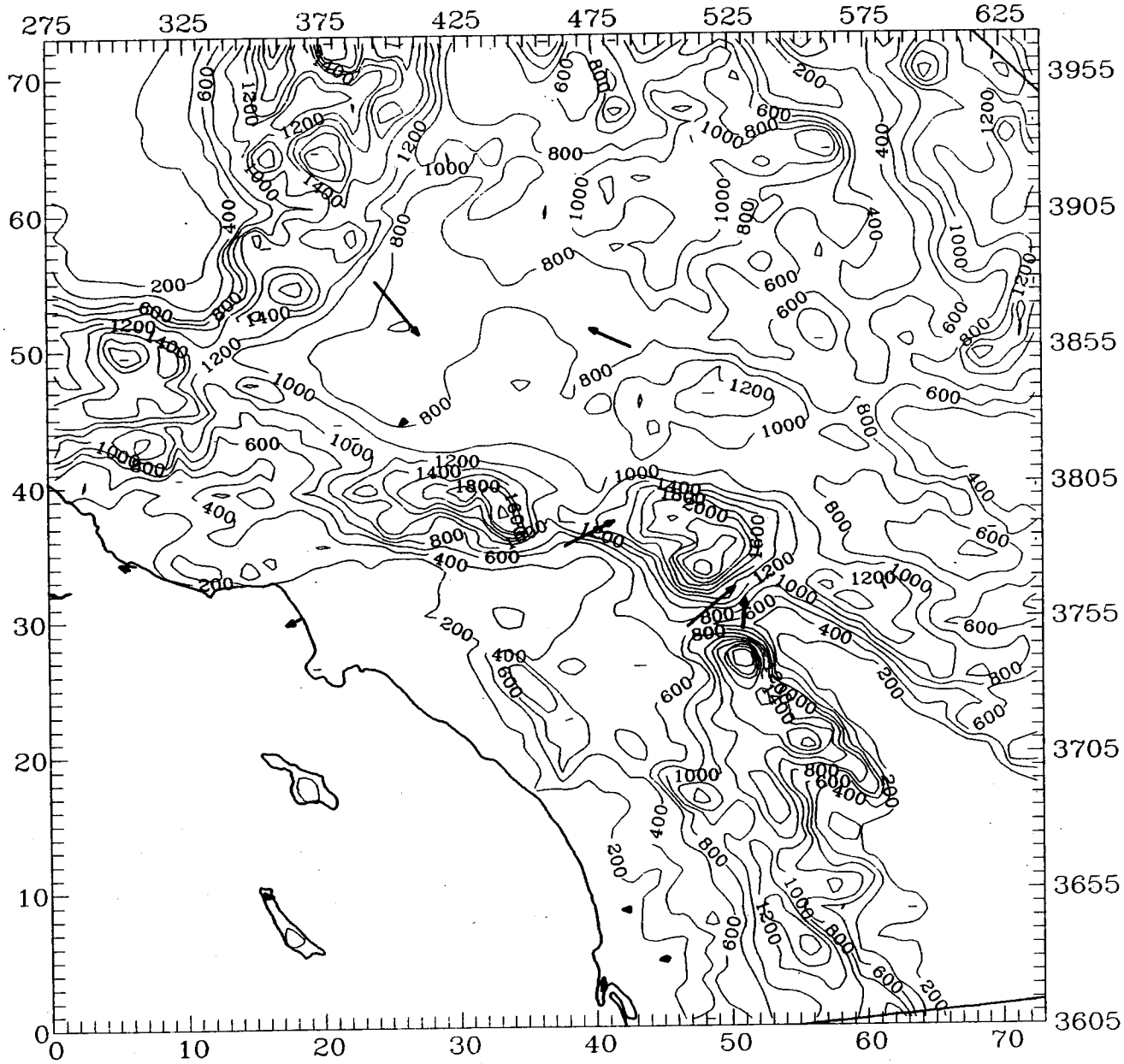
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As M−H

1300 PST/Surface



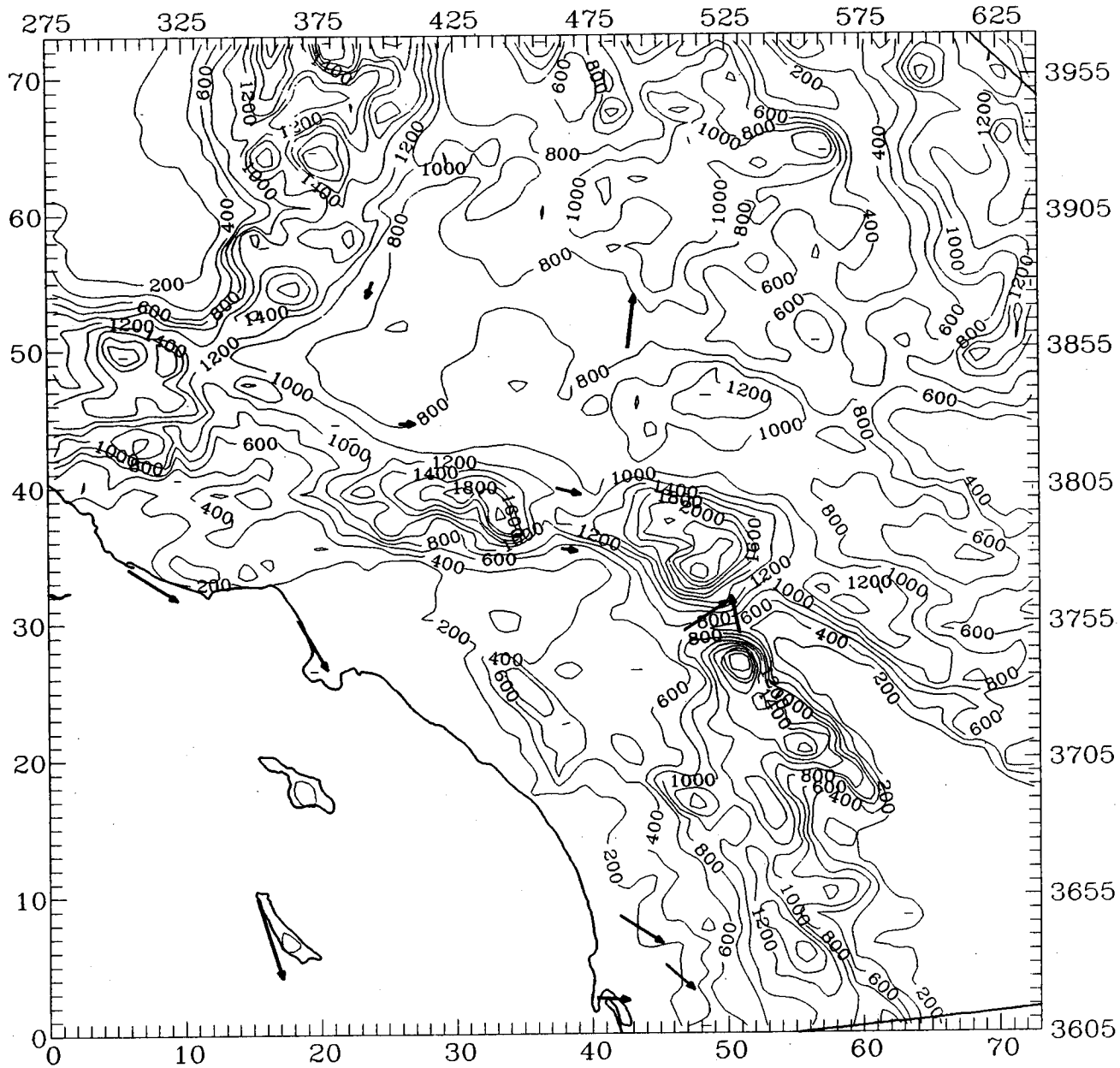


Averaged Wind Observations For Days Classified As M–H

1300 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

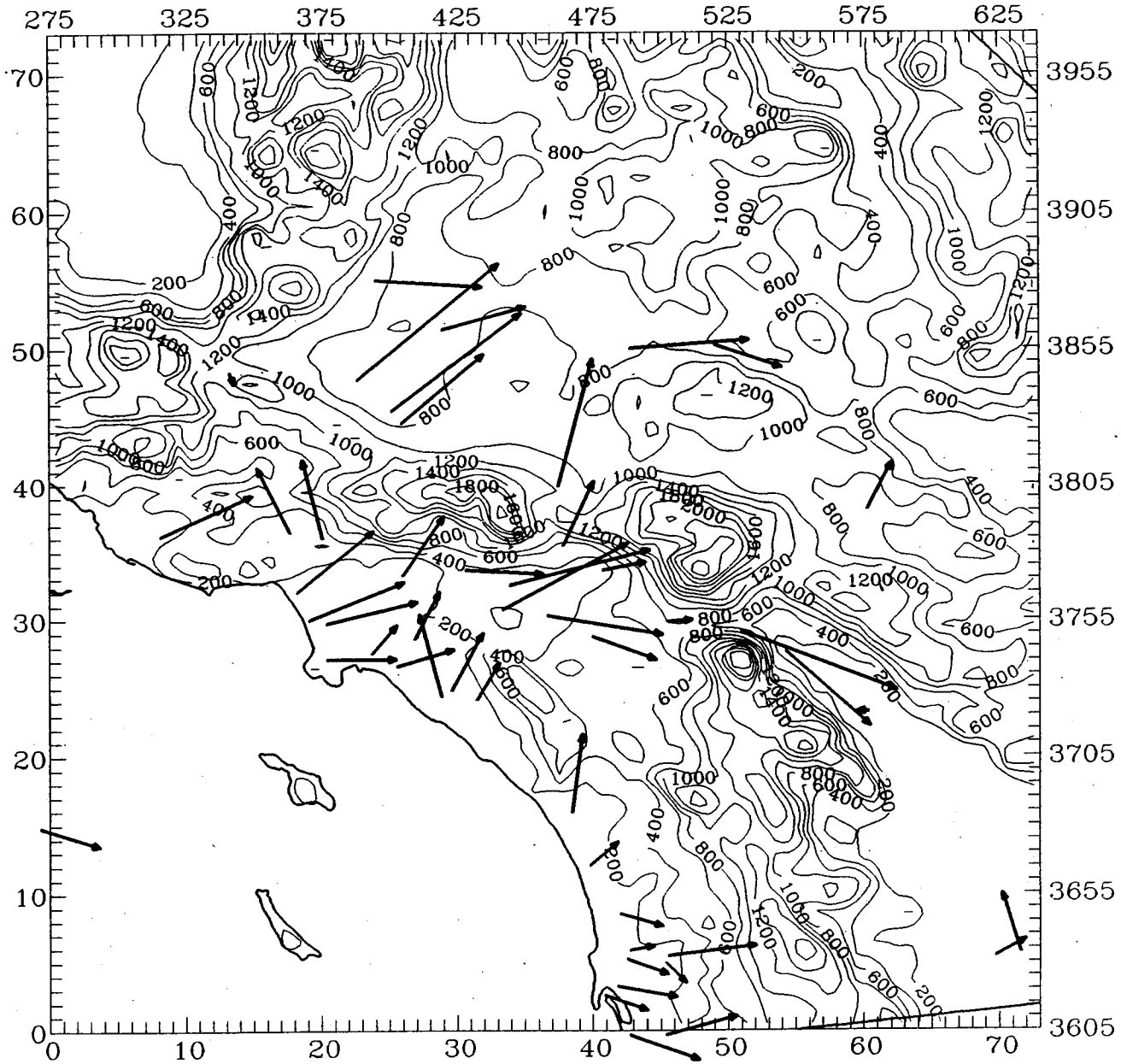


Averaged Wind Observations For Days Classified As M–H

1300 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

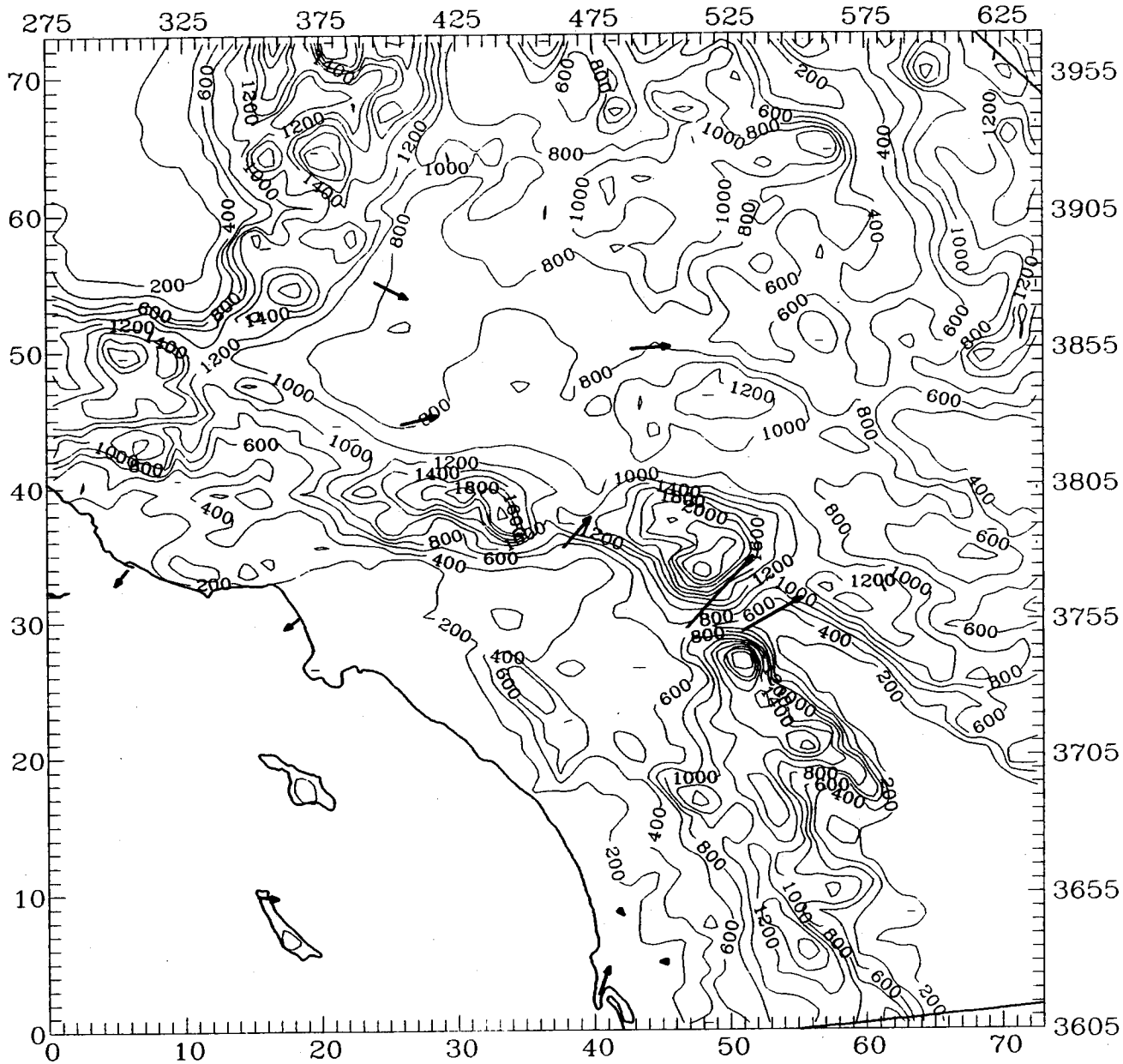


Averaged Wind Observations For Days Classified As M–H

1600 PST/Surface

0 5 10

WIND SPEED (M/S)

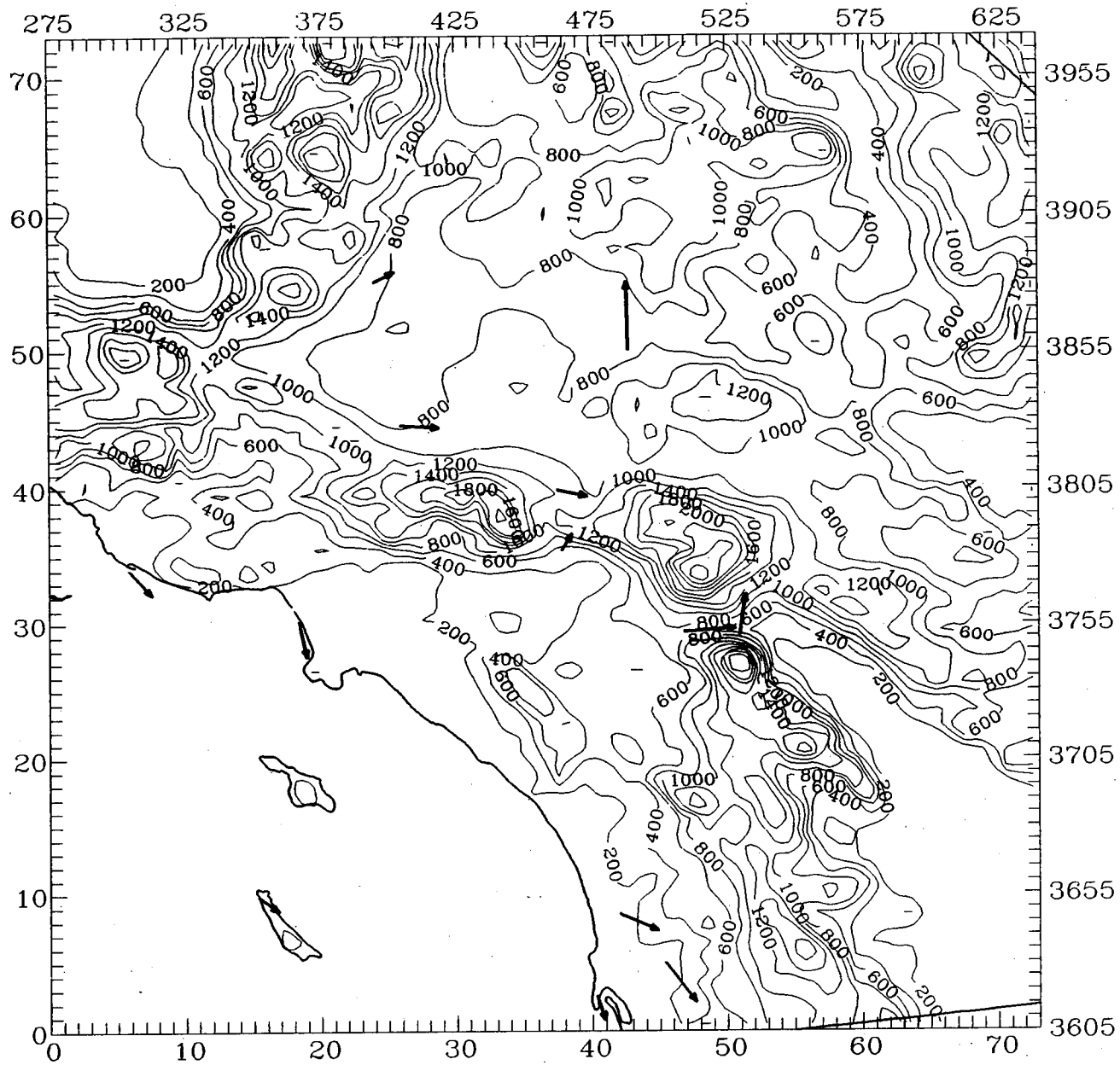


Averaged Wind Observations For Days Classified As M–H

1600 PST/1000 M AGL

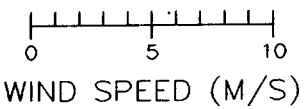
0 5 10

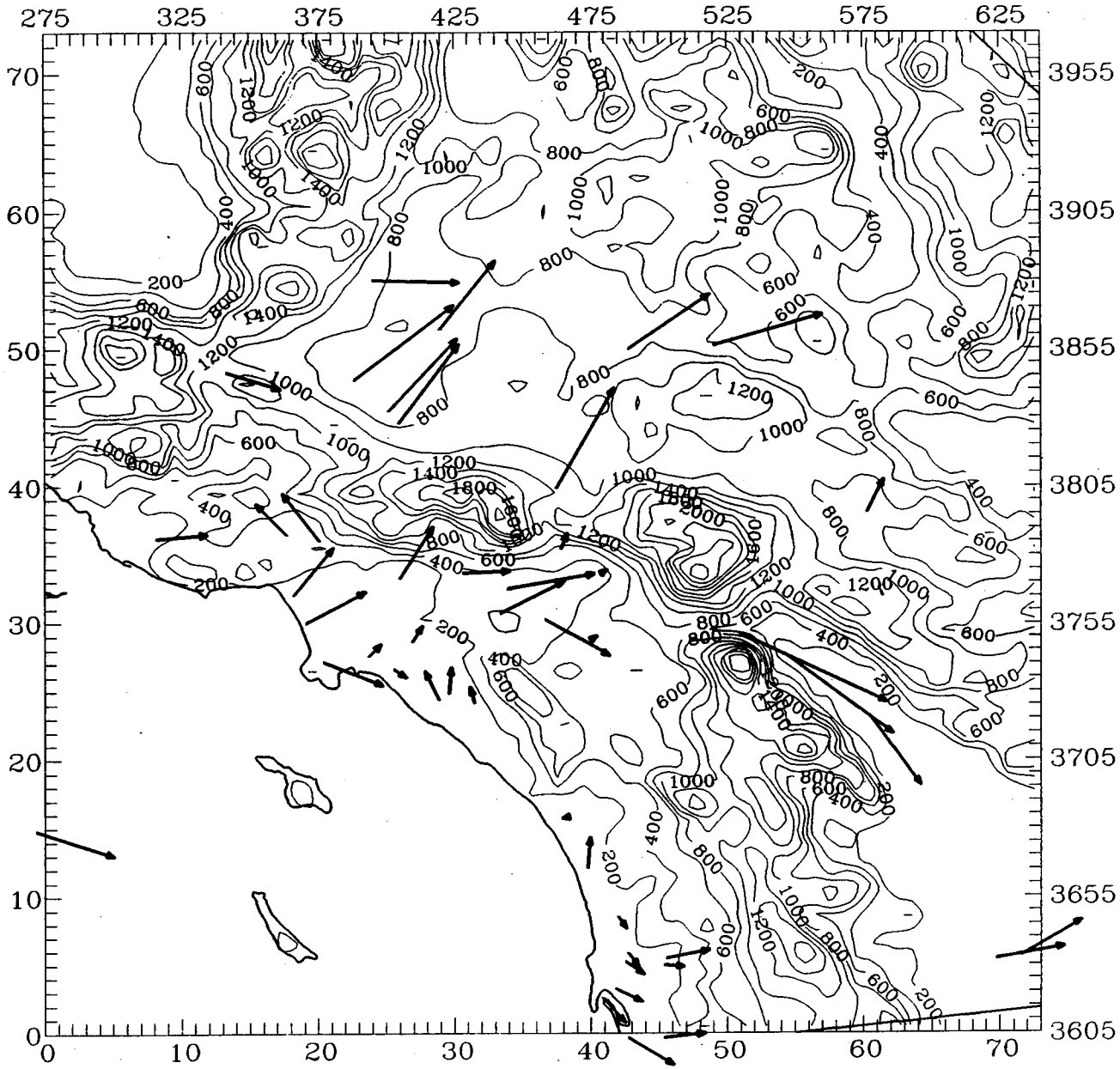
WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As M–H

1600 PST/2000 M AGL



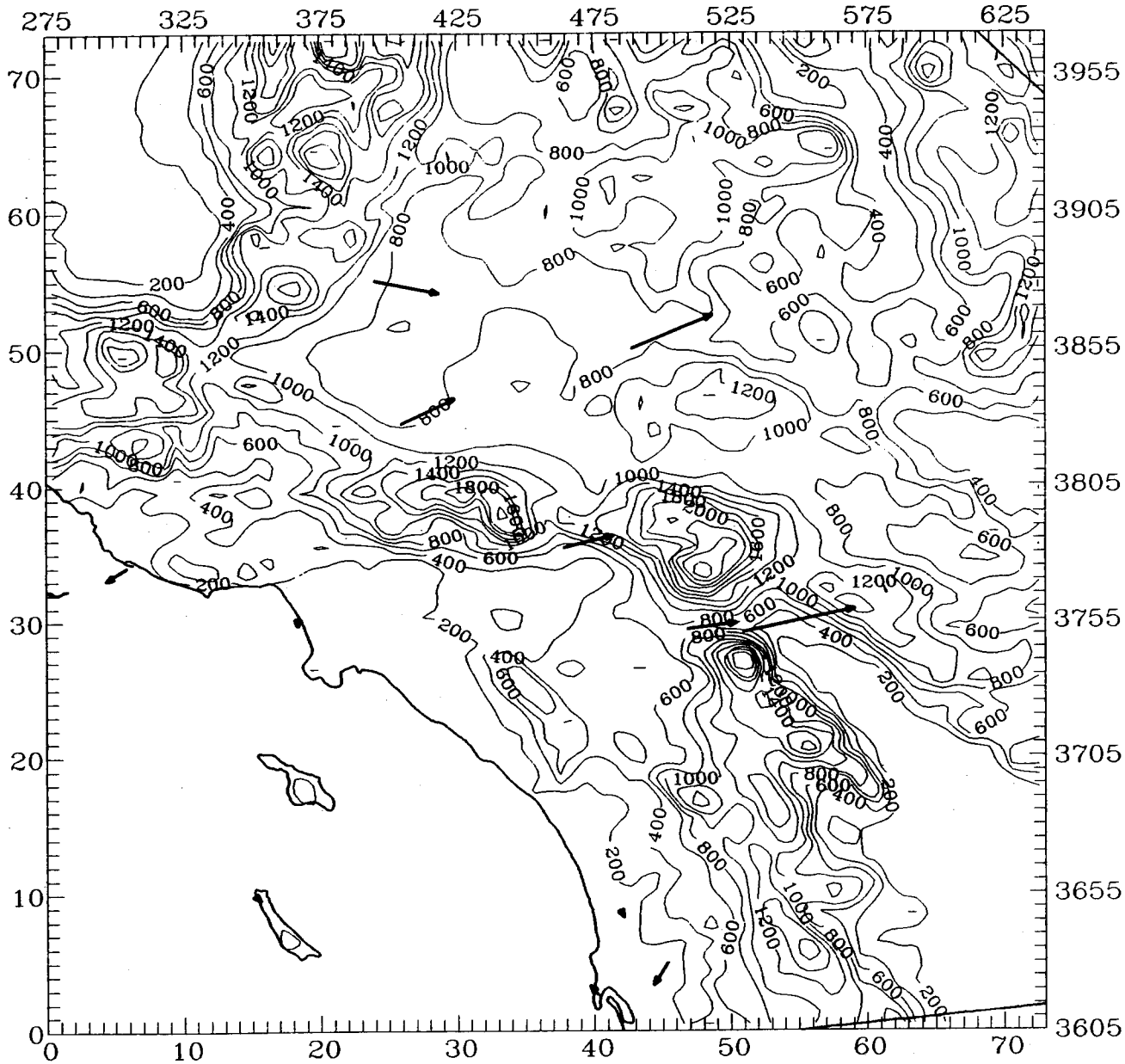


Averaged Wind Observations For Days Classified As M–H

1900 PST/Surface

0 5 10

WIND SPEED (M/S)

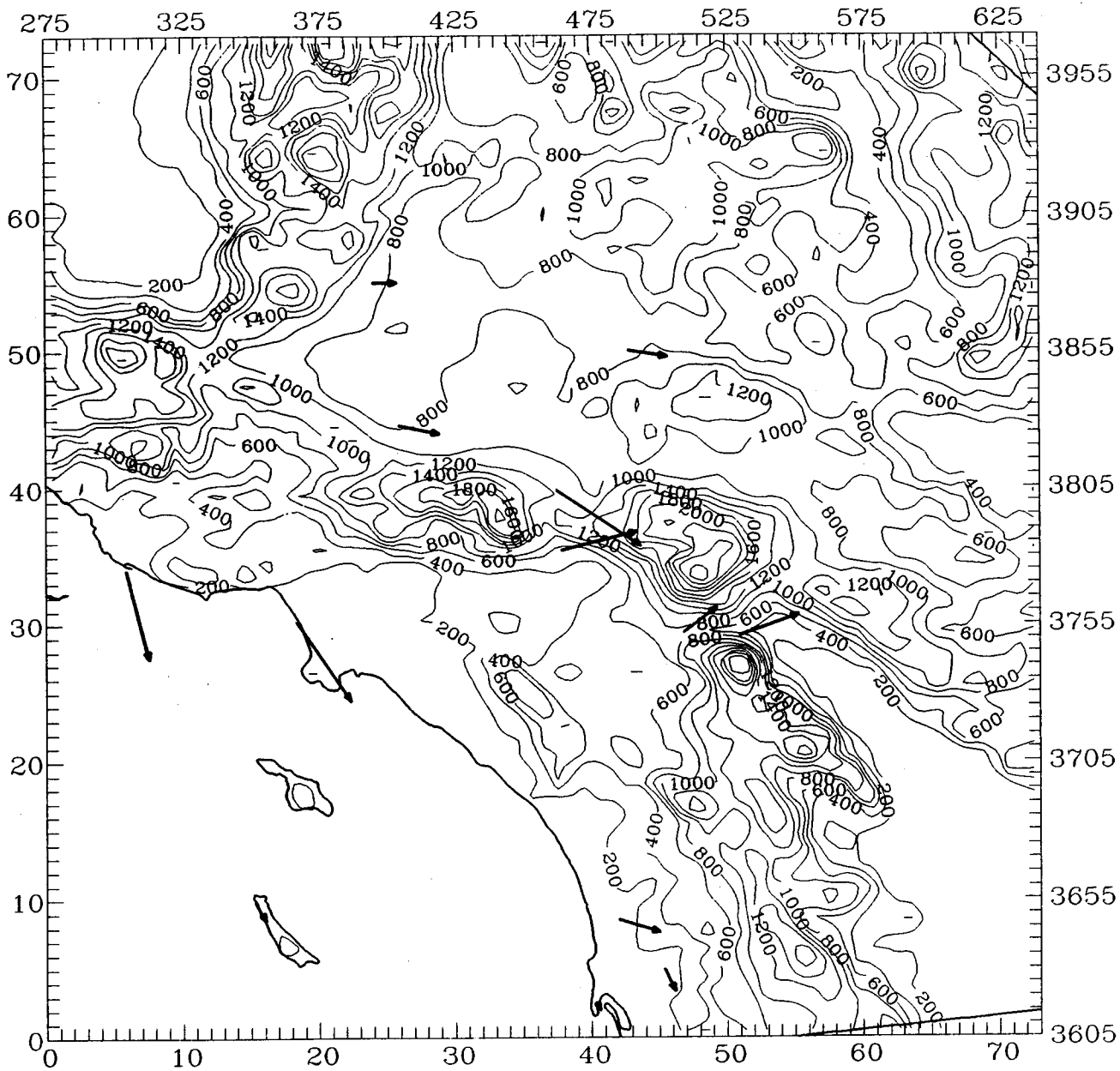


Averaged Wind Observations For Days Classified As M–H

1900 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)

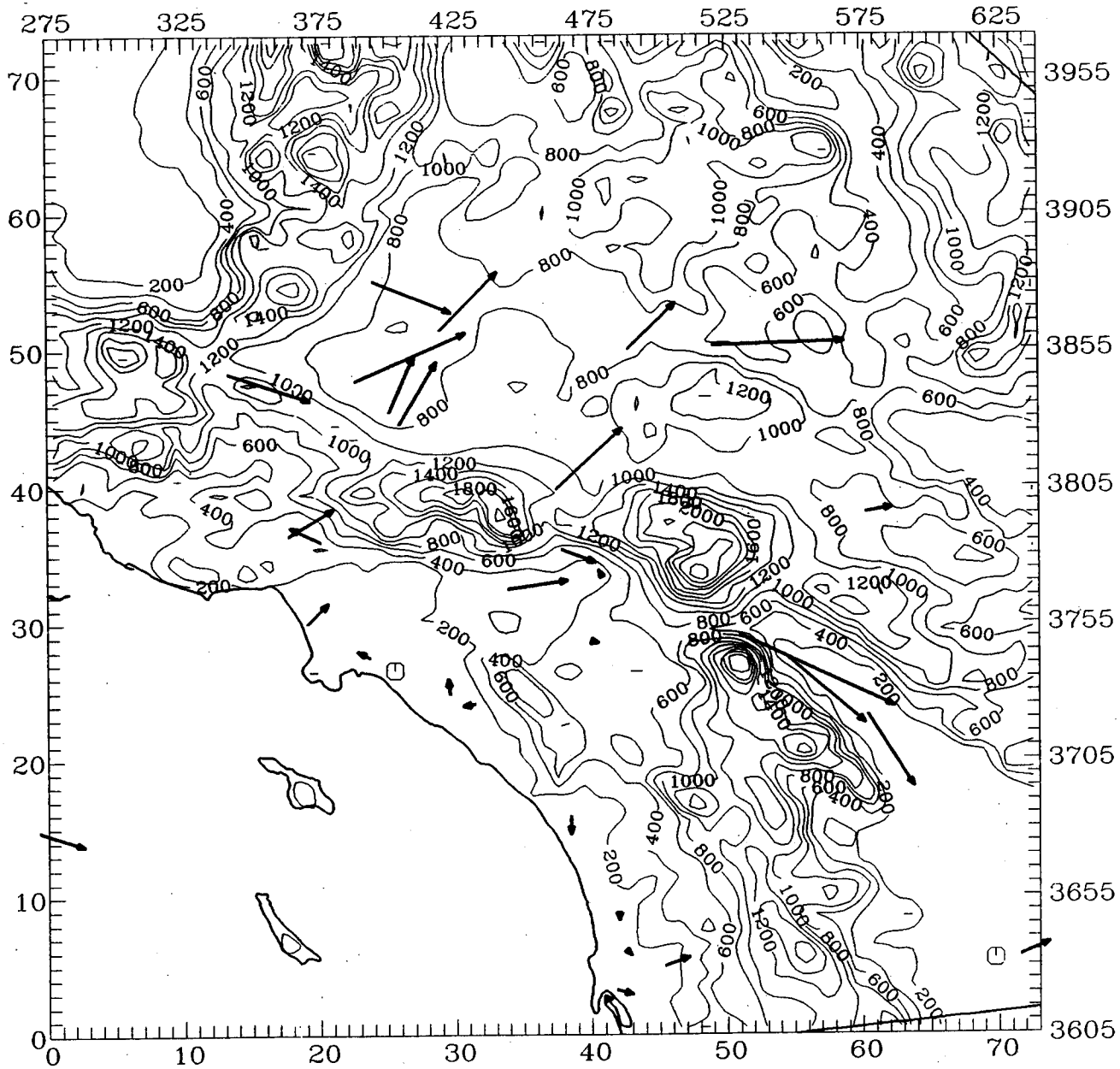


Averaged Wind Observations For Days Classified As M–H

1900 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)

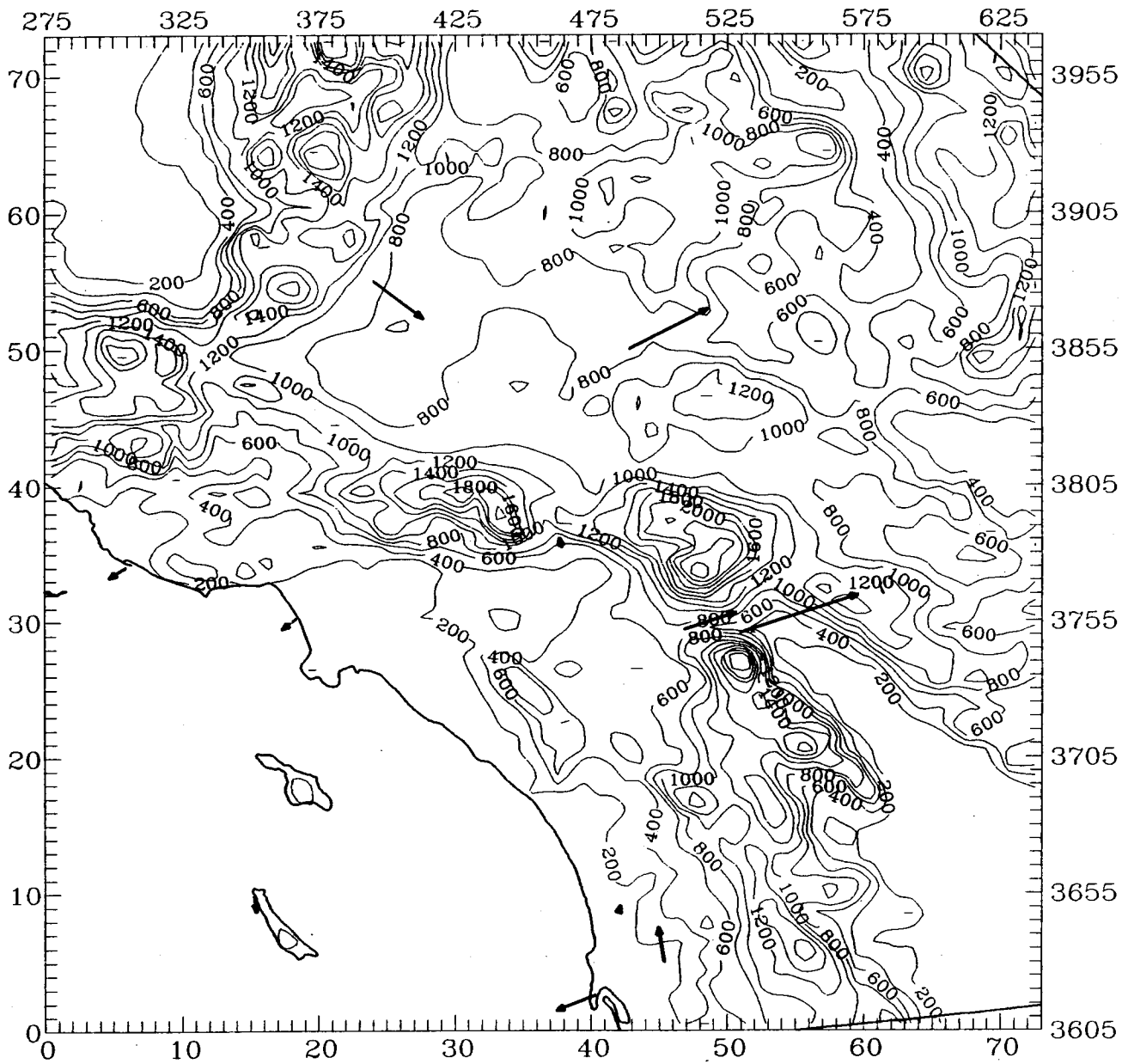


Averaged Wind Observations For Days Classified As M–H

2200 PST/Surface

0 5 10

WIND SPEED (M/S)

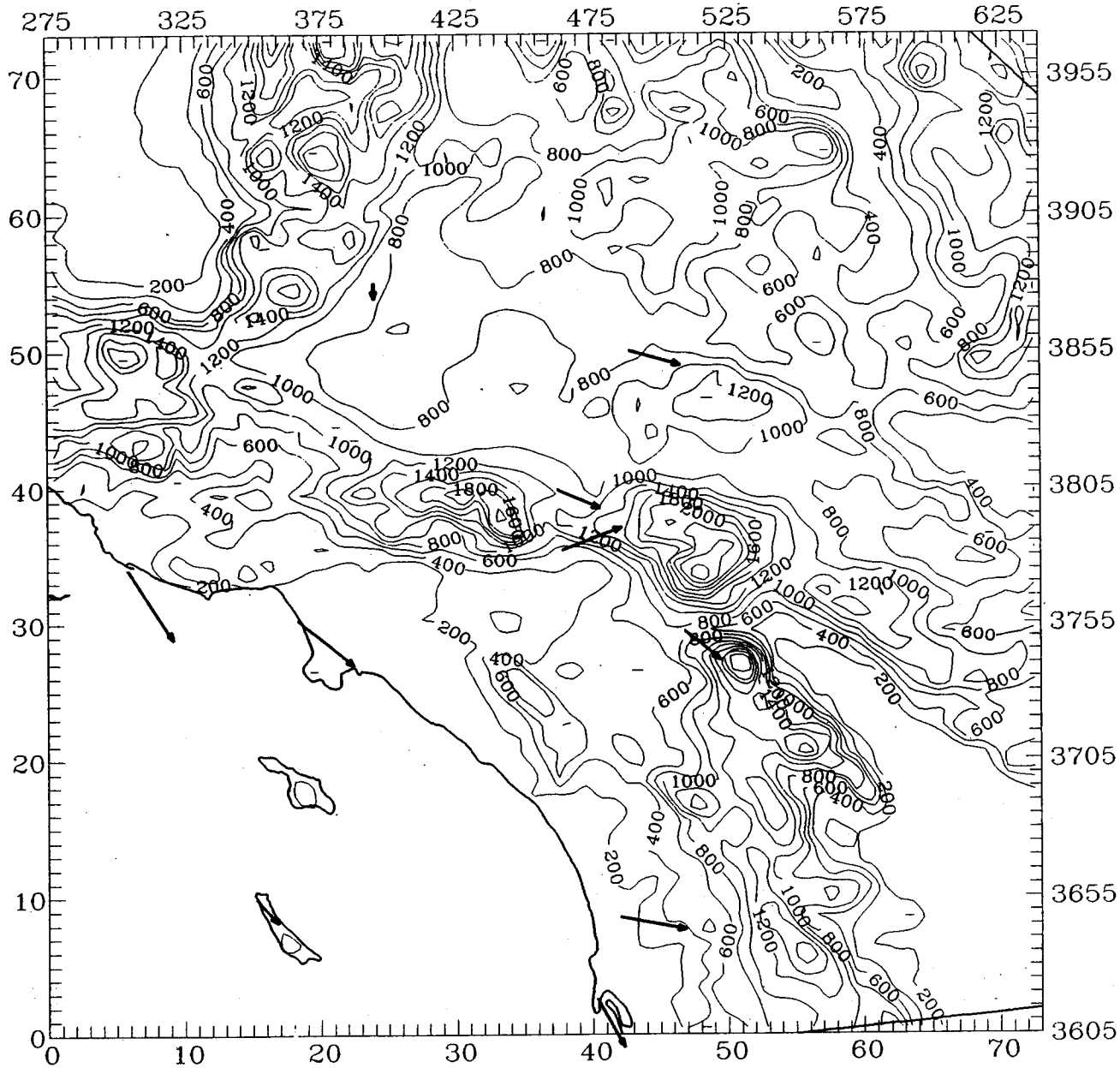


Averaged Wind Observations For Days Classified As M–H

2200 PST/1000 M AGL

0 5 10

WIND SPEED (M/S)



Averaged Wind Observations For Days Classified As M−H

2200 PST/2000 M AGL

0 5 10

WIND SPEED (M/S)