

Akio Arakawa:

End of the  
sixties: How can  
we handle a  
variety of  
problems that  
show up when  
solving the  
“primitive  
equations”





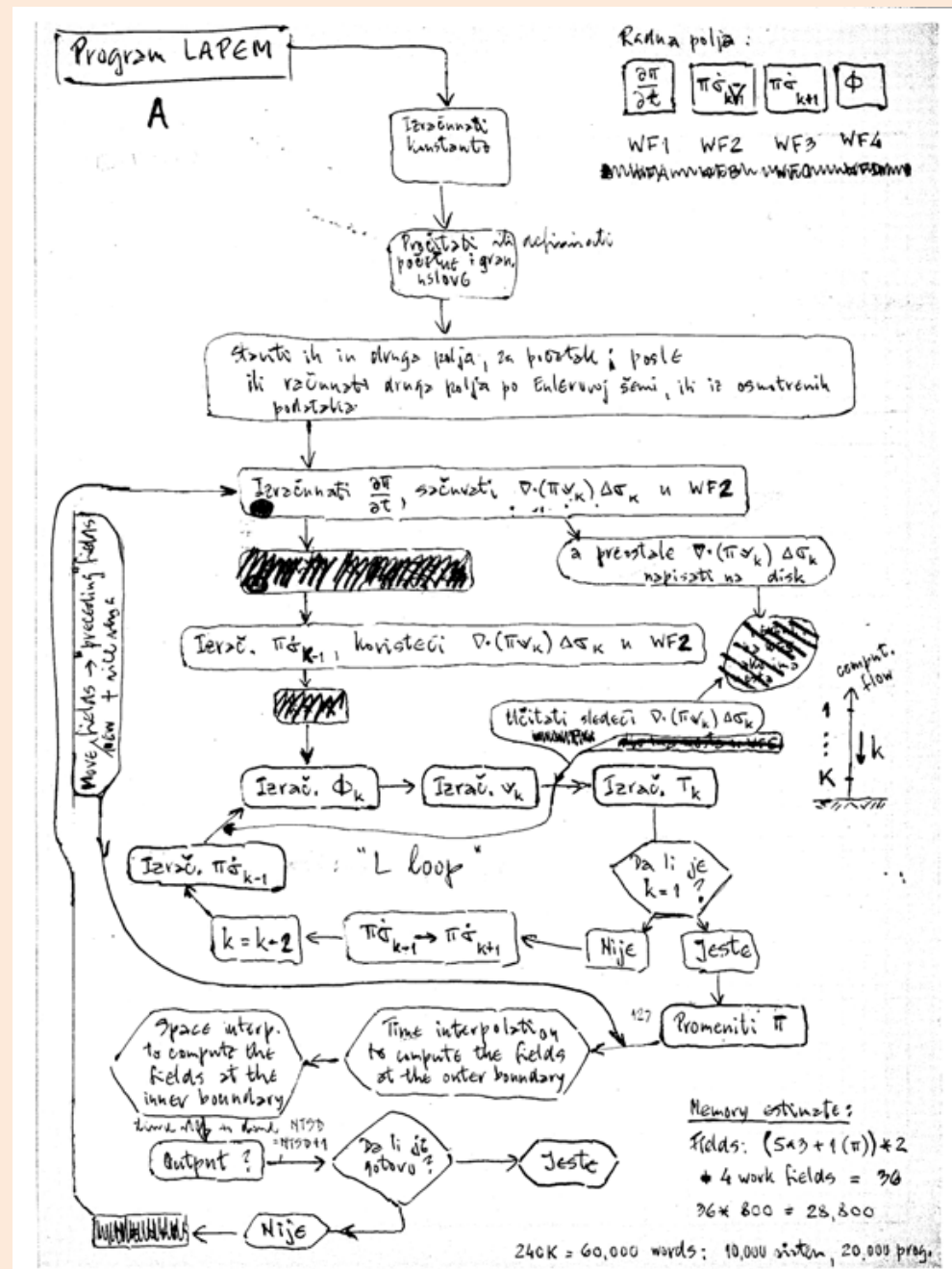
# FM, 1973: The original flow-chart:

LAPEM

-> HIBU

-> Step-mountain eta co..

-> Eta



One code error found in the  
very first code: Zaviša Janjić



One code error found in the very first code: Zaviša Janjić

Many important contributions later on, one of maybe critical significance, Arakawa advection scheme on the B/E grid





First international visitor:  
Stefano Tibaldi



First international visitor:  
Stefano Tibaldi



Code sent in 1976 by UNDP to  
Egypt, to J. Ray Bates





Installed the code in a  
number of places  
(e.g., Modena, Italy)  
WMO publication  
Lazar Lazić



Yugoslavia: January 1978,

HIBU: manually prepared BCs, off DWD forecast charts probably the first time LAM was operationally run using LBCs from another center

Yugoslavia: January 1978,

HIBU: manually prepared BCs, off DWD forecast charts probably the first time LAM was operationally run using LBCs from another center

Officially operational at U.S. National Weather Service  
on 8 June 1993

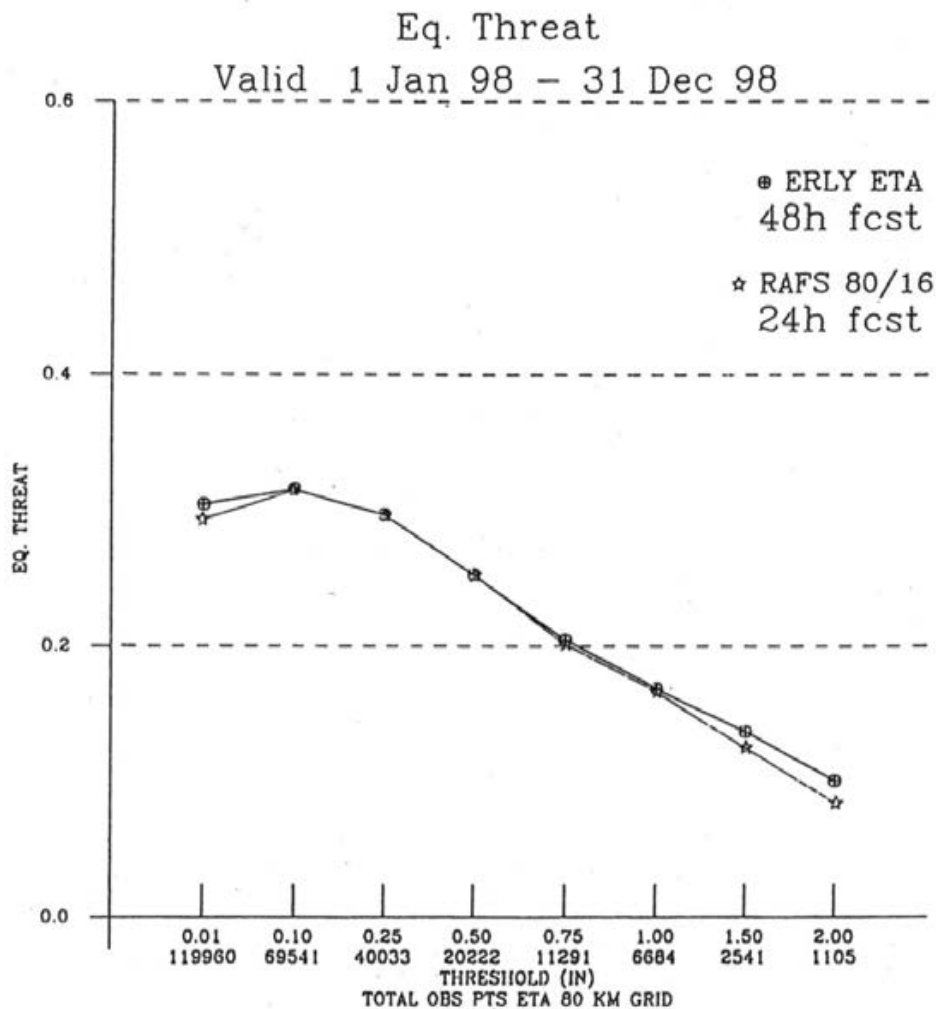
Social Studies in Science (SSS), 2004:

Janković, Vladimir: **Science Migrations: Mesoscale Weather Prediction from Belgrade to Washington, 1970–2000.**

*Social Studies of Science*, 34/1 (February 2004), 45–75.

24-48 hr Eta  
precipitation skill  
against 00-24 hr  
precipitation skill  
of the preceding  
U.S. NWS  
operational model,  
NGM/RAFS  
(Higher is better)

1998



**Figure 6:** Equitable precipitation threat scores, for 1998, of the Eta and of the NGM/RAFS for 00–24 h forecasts, top panel. The sample contains 319 verifications by each of the two models. Scores of the 24–48 h Early Eta shown against the 00–24 h NGM/RAFS scores, bottom panel.