

NORTHWEST

SCIENCE & TECHNOLOGY

SOUNDINGS

- EPA Grant to UW Focuses on
Air Pollution 06
- Viruses in the Service of Medicine 07
- Telework in the Northwest 08
- Shock Physics at WSU 08
- Electronic Ink 09
- Mass Spec Gains a New "Sniffer" 10

INNOVATORS

- Stratos Product Development 11

BOOKS

- Rare Earth* by Peter Ward and
Don Brownlee
Reviewed by Bill Dietrich 12

NEWS FOCUS

- International Arctic Research Center 14

COVER STORY

- Climate and Weather in the Northwest:
Forecasting in the Long and Short Term
- Special two-part cover story
Digging Out...or Digging In
by Matthew Carr 18
- Businesses and Agencies
Stumble Over Complex Forecasts
by Sandra Hines 24

ENVIRONMENT

- Tsunami Warning System 26
- Coevolution of Species:
WSU's John Thompson 30

HEALTH SCIENCES

- UW's Center for Ecogenetics
and Environmental Health 35
- You Snooze, You Win:
WSU's Sleep Research 37

TECHNOLOGY

- Boeing and the Sea Launch Company 40

EDUCATION

- Physics by Inquiry at the UW 46

DEPARTMENTS

- Letters 04 Editor's Desk 05
- Grant Watch 33 Lab Notes 39
- People 45 Calendar 47
- Perspectives *by Lee Hartwell, Director,
Fred Hutchinson Cancer Research Center* 48