

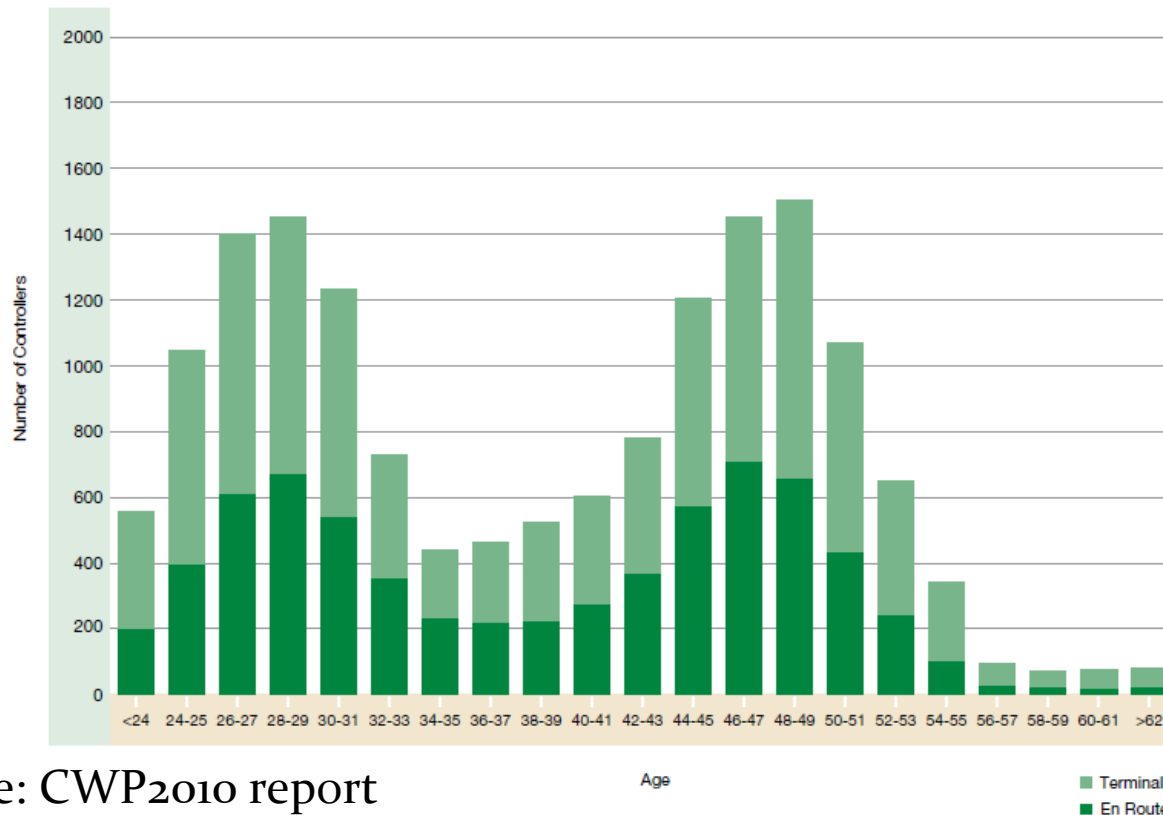
# Training the NowGen for NextGen Weather Challenges

Barbara Walton

retired FAA Tower and TRACON controller

# ATC Hiring Demographics

Figure 4.2 Controller Workforce Age Distribution as of September 26, 2009

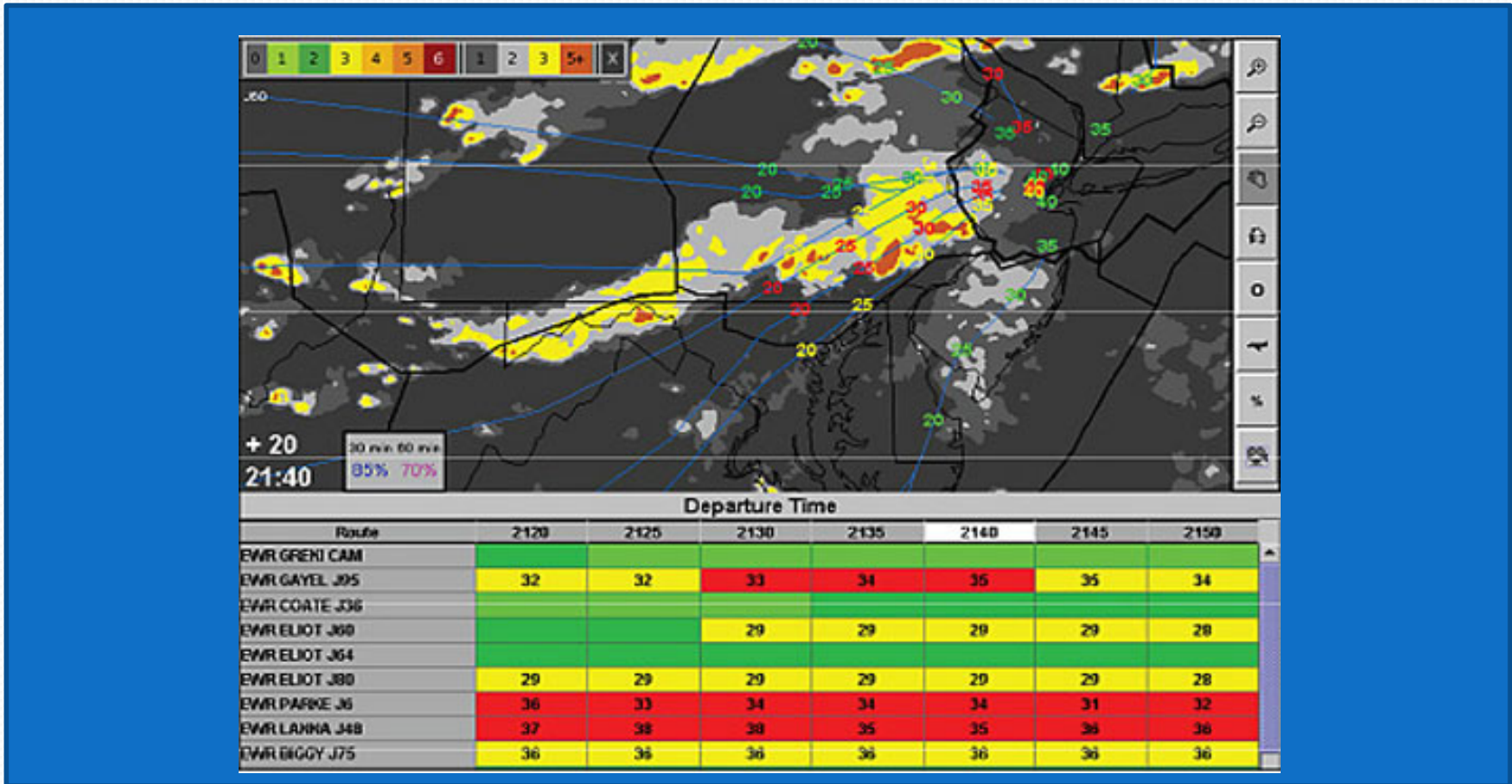


Source: CWP2010 report

# Agency Factors Affecting Personnel Weather Knowledge

- 1979-1990: Reduction of On-site Flight Service Stations
- 2004-2010: A-76 Outsourcing of Flight Service
- 2002-present: Downsizing of NWS Personnel
- 2006: redesign of FAA Academy and Facility Training
- 1996-present: Proliferation of Graphical Weather Tools
- 1988-present: Emergence of Traffic Management and Command Center

# NEXTGEN Weather Tools



Route Availability Planning Tool (RAPT)

Source: MIT/LL

# Training the NowGen in Transitioning to NextGen

- 1. Establish a Weather Training Cadre
- 2. Back to Basics
- 3. Provide Interactive Weather Training
- 4. Help Desk / Center of Excellence