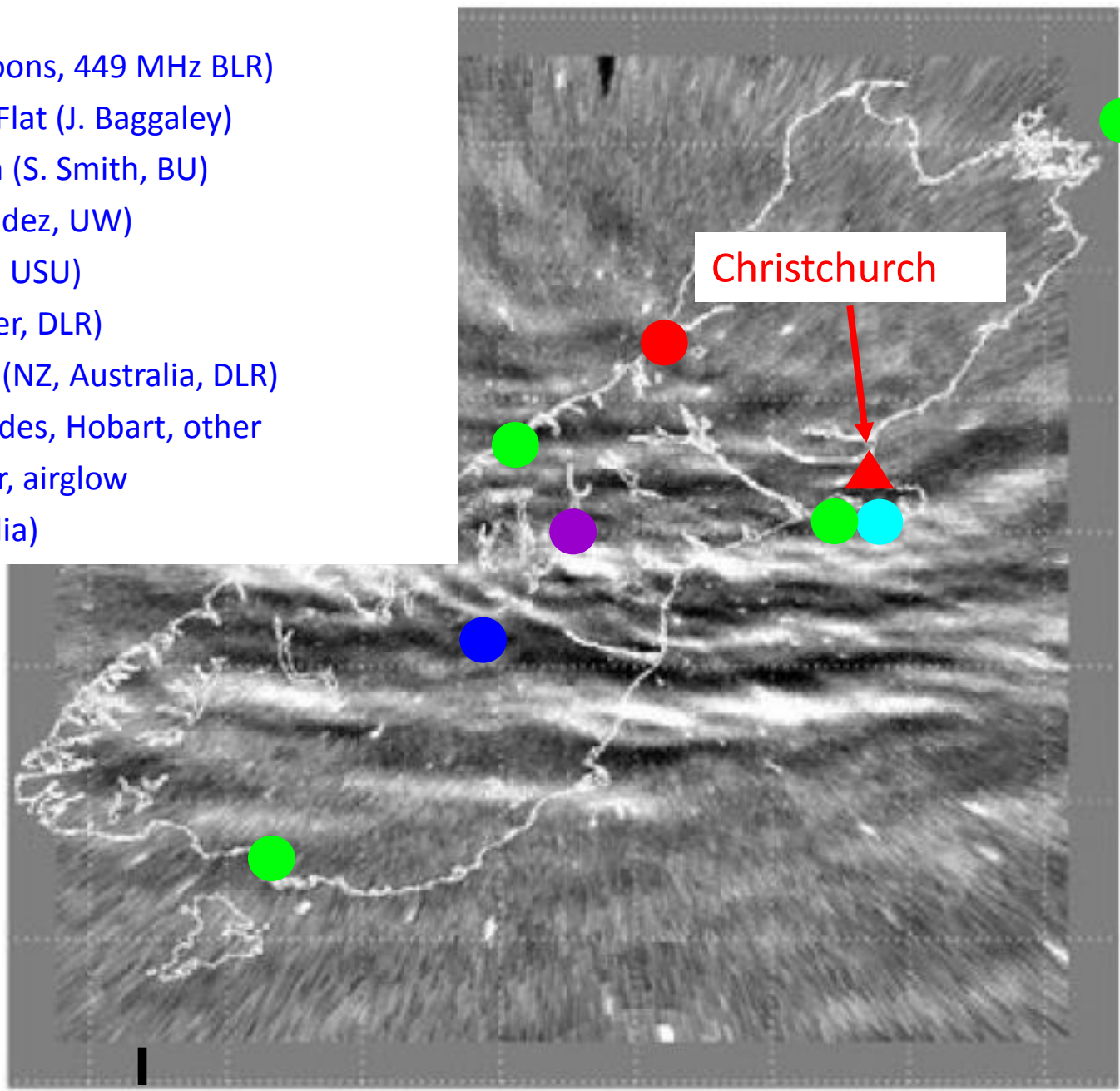


# DEEPWAVE ground-based measurements

- NCAR ISS, Hokitika (balloons, 449 MHz BLR)
- meteor radar, Birdling's Flat (J. Baggaley)
- airglow imager, Mt. John (S. Smith, BU)
- FPI, Mt. John (G. Hernandez, UW)
- MTM, Lauder (M. Taylor, USU)
- Na lidar, Lauder (B. Kaifler, DLR)
- balloons at various sites (NZ, Australia, DLR)
- AAD - Rayleigh lidar, sondes, Hobart, other
- Antarctic radars, lidar, airglow Davis (68.6°S, Australia)



# DEEPWAVE ground-based measurements

NCAR ISS, Hokitika:

- balloons to ~30 km
- 449 MHz BLR, winds to ~2 km

meteor radar, Birdling's Flat (J. Baggaley)

- horiz. winds ~80-100 km

airglow imager, Mt. John (S. Smith, BU)

- GW airglow structures, ~87-95 km, ~300 km

FPI, Mt. John (G. Hernandez, UW)

MTM, Lauder (M. Taylor, USU)

- $T(x,y,t)$

Na lidar, Lauder (B. Kaifler, DLR)

- $T(z,t)$  to ~70 km,  $U,T(z,t)$  ~80-100 km (1-comp. wind)

balloons at various sites (NZ, Australia, DLR)

AAD - Rayleigh lidar, sondes, Hobart, other

- Antarctic radars, lidar, airglow
- Davis (68.6°S, Australia)