

Monitoring and the NES

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Presentation Overview

- Update on PM₁₀ and airsheds
- Monitoring requirements
- Update on NES

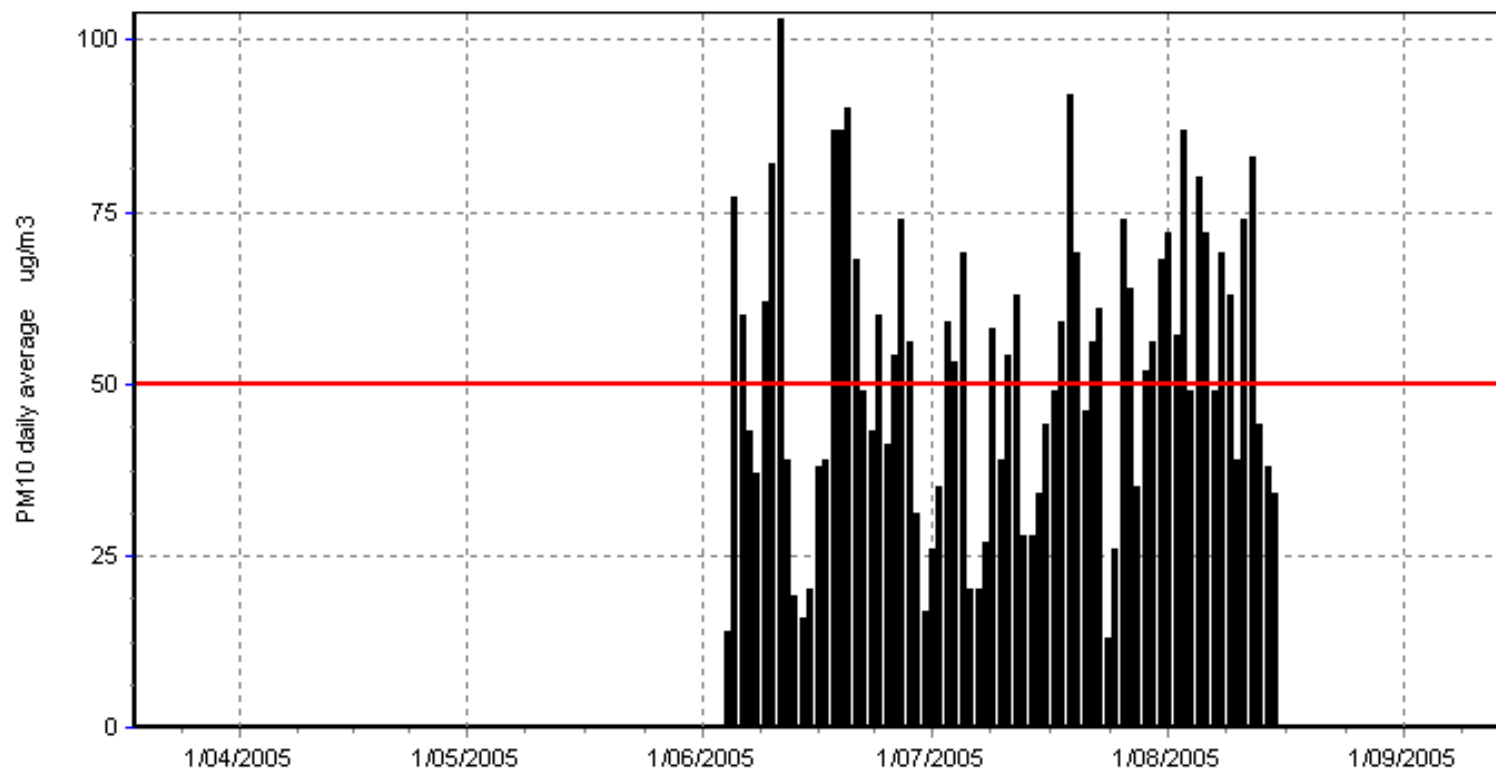


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Alexandra 2005

Alexandra Air Quality - PM10 daily average



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Canterbury Exceedances 2005

| | |
|--------------|----|
| Rangiora | 10 |
| Kaiapoi | 16 |
| Christchurch | 32 |
| Ashburton | 18 |
| Timaru | 48 |



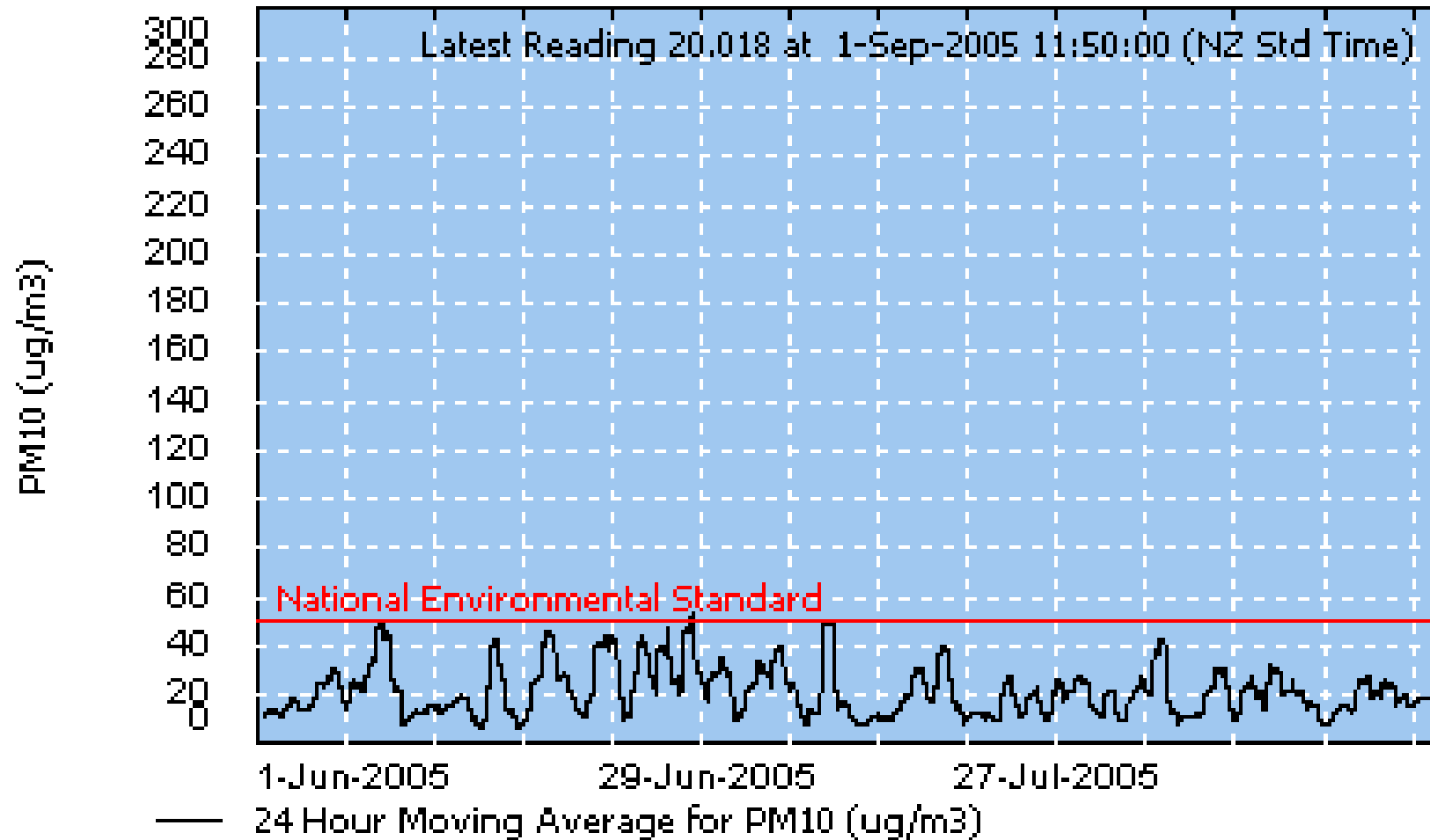
Masterton 2004



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Wairarapa College AQ

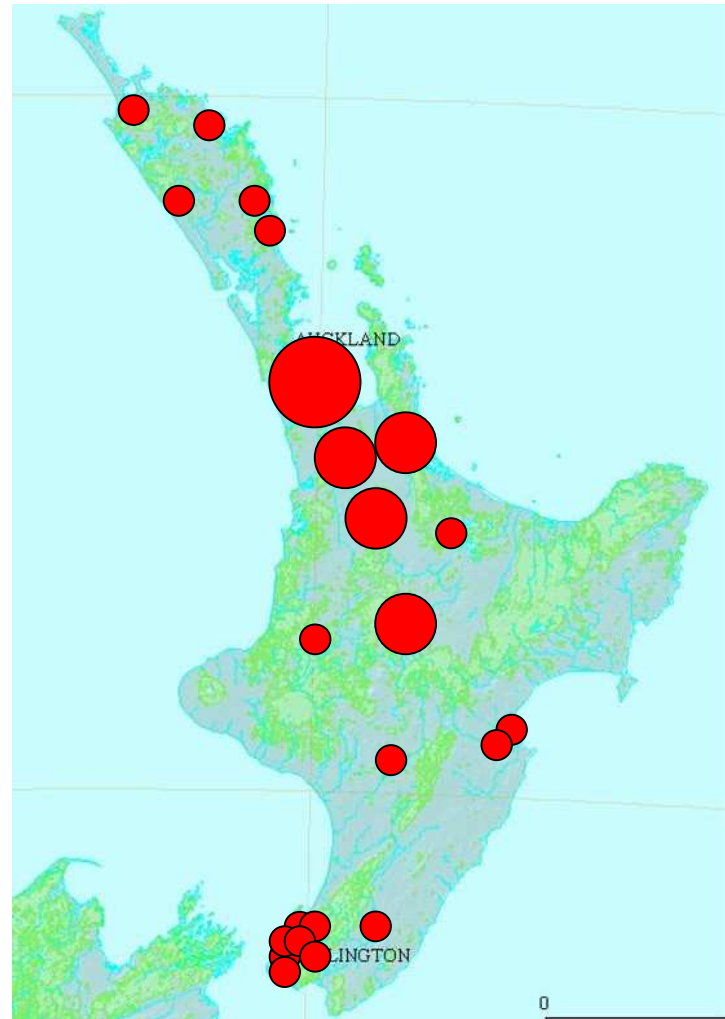


Update on NES

- 38 Airsheds gazetted Aug 05
- BOP amended
- Otago TBA



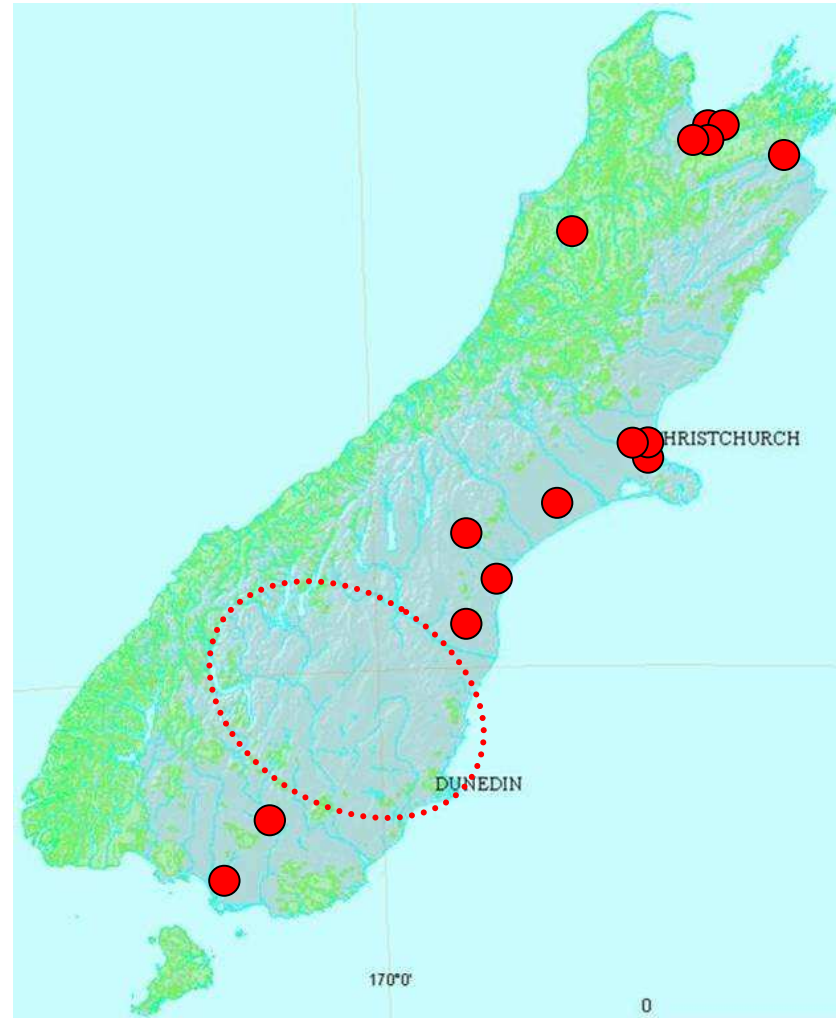
North Island Airsheds



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South Island Airsheds



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Monitoring Musts

- If standard likely to be breached in each airshed
- Where people are exposed
- “Worst” location



Reporting Musts

- Monthly for each airshed
- Notice in paper
 - contaminant
 - location
 - extent



Reading between the lines...



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What if you have multiple sites?

Report all data from all locations:

- More information the better
- e.g 95 $\mu\text{g}/\text{m}^3$ in eastern suburbs vs 50 $\mu\text{g}/\text{m}^3$ in the north, west & south



Multiple exceedances?

- Report second exceedance in airshed from any site
- Don't double count



What is the data used for?

- Monitoring compliance
- Resource consents
- Feedback into policy loop



Importance of Metadata

- NES doesn't care about background
- NES doesn't care what causes the exceedance



Update on NES

- Amendments – Aug 05
- Updated Users Guide – Nov 05
- Technical workshops – Nov 05

